

DINSDAG 11 DECEMBER 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 30.8TL OPENZ	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CJ3PLD9	1COV 35.83TL OPENZ	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	DE000CJ3N3W1	1COV 41.83TL OPENZ	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	DE000CJ3QNS1	1COV 47.31TL OPENZ	EUR											
Certificate	NL0010653960	AABA 28.8TL OPENB	EUR	32,2600	32,2600	32,2600			32,2600					
Certificate	DE000CP23MY6	AALB 20TL OPENC	EUR	9,5000	9,5000	9,5000			9,5000					
Certificate	DE000CP23PZ6	AALB 20TL OPENC	EUR	10,0900	10,0900	10,0900			10,0900					
Certificate	DE000CP23MZ3	AALB 25TL OPENC	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CY16LL1	AALB 25TL OPENC	EUR	5,0800	5,1100	5,0700	254,0000	1	5,0700	50				
Certificate	DE000CP06Z38	AALB 25TL OPENC	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	DE000CP23N07	AALB 26TL OPENC	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	DE000CP06W07	AALB 28TL OPENC	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000CP23Q04	AALB 28TL OPENC	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000CY16HU0	AALB 30TL OPENC	EUR											
Certificate	DE000CY1600	AALB 30TL OPENC	EUR											
Certificate	DE000CP23N15	AALB 30TS OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CP23Q12	AALB 30TS OPENC	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000CP23N23	AALB 32TS OPENC	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0013011398	AALB 34BS OPENB	EUR	5,4850	5,8850	5,3200	19684,0000	1	5,8850	3700				
Certificate	DE000CP068Y7	AALB 34TL OPENC	EUR											
Certificate	DE000CP06Z46	AALB 34TS OPENC	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	DE000CP06W15	AALB 34TS OPENC	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000CP23995	AALB 35TS OPENC	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	DE000CP231X3	AALB 35TS OPENC	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	DE000CP06Z53	AALB 35TS OPENC	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	DE000CP06TL3	AALB 36TS OPENC	EUR	7,5800	7,5800	7,5800			7,5800					
Certificate	DE000CP06008	AALB 38TS OPENC	EUR	9,4900	9,4900	9,4900			9,4900					
Certificate	DE000CQ58UR6	AALB 40TS OPENC	EUR	12,9400	12,9400	12,9400			12,9400					
Certificate	DE000CQ58SV2	AALB 40TS OPENC	EUR	11,4500	11,4500	11,4500			11,4500					
Certificate	DE000CP06M41	AALB 45TS OPENC	EUR	16,5100	16,5100	16,5100			16,5100					
Certificate	DE000CY51JQ1	AALB 46TS OPENC	EUR	16,0500	16,0500	16,0500			16,0500					
Certificate	DE000CY51LU9	AALB 46TS OPENC	EUR	17,8000	17,8000	17,8000			17,8000					
Certificate	DE000CY52017	AALB 48TS OPENC	EUR	18,0600	18,0600	18,0600			18,0600					
Certificate	DE000CY52352	AALB 48TS OPENC	EUR	19,9200	19,9200	19,9200			19,9200					
Certificate	DE000CQ58DK7	AALB 50TS OPENC	EUR	21,2000	21,2000	21,2000			21,2000					
Certificate	DE000CY51D78	AALB 50TS OPENC	EUR	19,8900	19,8900	19,8900			19,8900					
Certificate	NL0013163108	AALB 32.8S OPENB	EUR	3,4850	3,8850	3,4850			3,8850					
Certificate	NL0010011763	AALB 9.1TL OPENB	EUR	21,1300	21,1300	21,1300			21,1300					
Certificate	NL0010284139	AALB 13.7TL OPENB	EUR	17,0300	17,0300	17,0300			17,0300					
Certificate	NL0010898847	AALB 18.4TL OPENB	EUR	12,6400	12,6400	12,1800			12,1800					
Certificate	NL0010903589	AALB 20.5TL OPENB	EUR	10,7400	10,7400	10,2800			10,2800					
Certificate	NL0010908489	AALB 21.6TL OPENB	EUR	9,7900	9,7900	9,3300			9,3300					
Certificate	NL0010926077	AALB 23.8TL OPENB	EUR	7,8400	7,8400	7,3800			7,3800					
Certificate	NL0011906060	AALB 25.9TL OPENB	EUR	5,9700	5,9700	5,5100			5,5100					
Certificate	NL0013162092	AALB 27.9TL OPENB	EUR	4,1500	4,1500	3,6900			3,6900					
Certificate	NL0012051296	AALB 28.9TL OPENH	EUR											
Certificate	NL0012106488	AALB 30.1TL OPENB	EUR											
Certificate	NL0013162241	AALB 30.3TS OPENB	EUR	5,7300	6,1300	5,7300			6,1300					
Certificate	NL0013154727	AALB 32.3TS OPENB	EUR	7,9800	8,3800	7,9800			8,3800					
Certificate	NL0013009772	AALB 34.3TS OPENB	EUR	10,2700	10,6700	10,2700			10,6700					
Certificate	NL0013007909	AALB 36.3TS OPENB	EUR	12,5400	12,9400	12,5400			12,9400					
Certificate	NL0012989073	AALB 38.2TS OPENB	EUR	14,7600	15,1600	14,7600			15,1600					
Certificate	NL0012605315	AALB 48.6TS OPENH	EUR	26,6200	26,6700	26,6200			26,6700					
Certificate	NL0011409776	AALB 15.15TL OPENH	EUR	15,4700	15,5400	15,4700			15,5400					
Certificate	DE000CJ3QU05	AALB 17.78TL OPENZ	EUR	2,2500	2,2500	2,2500			2,2500					



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	NL0011442926	AALB 19.91BL OPENB	EUR	9,4050	9,4050	8,9450			8,9450					
Certificate	DE000CR4H864	AALB 21.28TL OPENZ	EUR	7,9000	7,9000	7,7500	395,0000	1	7,7500		50			
Certificate	NL0011409743	AALB 22.52TL OPENH	EUR	8,9100	8,9800	8,9100			8,9800					
Certificate	NL0013163009	AALB 23.46BL OPENB	EUR	5,8650	5,8650	5,4050			5,4050					
Certificate	NL0011409735	AALB 23.57TL OPENH	EUR	7,9800	8,0500	7,9800			8,0500					
Certificate	NL0011891981	AALB 24.49TL OPENH	EUR	7,1600	7,2300	7,1600			7,2300					
Certificate	DE000CJ3QU13	AALB 24.63TL OPENZ	EUR	0,9400	0,9400	0,8900	47,9400	1	0,8900		51			
Certificate	NL0013014731	AALB 24.96BL OPENB	EUR	4,3650	4,3650	3,9050			3,9050					
Certificate	NL0011891973	AALB 25.01TL OPENH	EUR	6,7000	6,7700	6,7000			6,7700					
Certificate	LU1841152397	AALB 25.27CIOPENS	EUR	4,0000	4,2800	4,0000			4,2800					
Certificate	NL0011926613	AALB 26.01TL OPENH	EUR	5,8100	5,8800	5,8100			5,8800					
Certificate	NL0013011307	AALB 26.46BL OPENB	EUR	2,8550	2,8550	2,3950			2,3950					
Certificate	DE000CR6XQQ7	AALB 26.63TL OPENZ	EUR	2,6300	2,6900	2,4700	1057,3200	3	2,4700		402			
Certificate	NL0011993340	AALB 26.84TL OPENH	EUR	5,0800	5,1400	5,0800			5,1400					
Certificate	NL0011993332	AALB 27.36TL OPENH	EUR	4,6200	4,6800	4,6200			4,6800					
Certificate	NL0011993324	AALB 27.88TL OPENH	EUR	4,1600	4,2200	4,1600			4,2200					
Certificate	NL0012029490	AALB 27.97BL OPENB	EUR	1,3550	1,7550	0,8950	1064,9900	4	0,8950		1097			
Certificate	DE000CD627X6	AALB 28.12TL OPENZ	EUR	1,2700	1,2700	1,0200	63,5000	1	1,0200		50			
Certificate	LU1817099796	AALB 29.06CIOPENS	EUR											
Certificate	NL0013008592	AALB 29.71BL OPENB	EUR											
Certificate	NL0013164841	AALB 30.01BS OPENB	EUR	1,4850	1,8850	1,4850			1,8850					
Certificate	DE000CD648R4	AALB 30.09TL OPENZ	EUR											
Certificate	LU1859831452	AALB 30.15CIOPENS	EUR											
Certificate	NL0013126352	AALB 30.27TL OPENH	EUR											
Certificate	NL0013190564	AALB 30.51TS OPENH	EUR	5,9600	6,0100	5,9600			6,0100					
Certificate	NL0013190556	AALB 31.51TS OPENH	EUR	7,1100	7,1500	7,1100			7,1500					
Certificate	DE000CJ3QU21	AALB 32.17TS OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	NL0013084965	AALB 34.11TS OPENH	EUR	10,0600	10,1200	10,0600			10,1200					
Certificate	LU1840978693	AALB 34.24TPIOPENS	EUR	5,5500	5,5500	5,2700			5,2700					
Certificate	DE000CJ3N422	AALB 35.67TS OPENZ	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0013007651	AALB 35.99BS OPENB	EUR	7,4650	7,8650	7,4650			7,8650					
Certificate	NL0012988893	AALB 37.97BS OPENB	EUR	9,4550	9,8550	9,4550			9,8550					
Certificate	NL0012894596	AALB 38.76TS OPENH	EUR	15,3800	15,4400	15,3800			15,4400					
Certificate	NL0012934509	AALB 39.02TS OPENH	EUR	15,6700	15,7300	15,6700			15,7300					
Certificate	NL0012895072	AALB 39.05TS OPENH	EUR	15,7100	15,7700	15,7100			15,7700					
Certificate	DE000CV8AXE7	AALB 39.65TS OPENZ	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	LU1790692294	AALB 39.72TPIOPENS	EUR	10,7800	10,7800	10,4900			10,4900					
Certificate	NL0012985584	AALB 39.95BS OPENB	EUR	11,4250	11,8250	11,4250			11,8250					
Certificate	NL0012933543	AALB 40.05TS OPENH	EUR	16,8500	16,9100	16,8500			16,9100					
Certificate	NL0012922066	AALB 40.99TS OPENH	EUR	17,9200	17,9800	17,9200			17,9800					
Certificate	NL0012919559	AALB 41.96TS OPENH	EUR	19,0300	19,0900	19,0300			19,0900					
Certificate	LU1790427030	AALB 42.05TPIOPENS	EUR	12,9600	12,9600	12,6700			12,6700					
Certificate	NL0012918460	AALB 42.95TS OPENH	EUR	20,1600	20,2200	20,1600			20,2200					
Certificate	NL0012598221	AALB 43.58TS OPENH	EUR	20,8800	20,9400	20,8800			20,9400					
Certificate	NL0012536403	AALB 44.23TS OPENH	EUR	21,6300	21,6900	21,6300			21,6900					
Certificate	DE000CE6ETB8	AALB 44.64TS OPENZ	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	NL0012592653	AALB 45.49TS OPENH	EUR	23,0700	23,1200	23,0700			23,1200					
Certificate	NL0012530968	AALB 46.62TS OPENH	EUR	24,3500	24,4100	24,3500			24,4100					
Certificate	NL0012521959	AALB 50.38TS OPENH	EUR	28,6500	28,7100	28,6500			28,7100					
Certificate	NL0012523815	AALB 50.42TS OPENH	EUR	28,6900	28,7500	28,6900			28,7500					
Certificate	NL0012593354	AALB 54.34TS OPENH	EUR	33,1700	33,2300	33,1700			33,2300					
Certificate	DE000CM4ARI8	ABB 12.72TL OPENZ	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CJ3PNA1	ABB 12.91TL OPENZ	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CK6V1W0	ABB 14.62TL OPENZ	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000CN6J166	ABB 15.91TL OPENZ	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CN6KSV4	ABB 16.66TL OPENZ	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000CN6L329	ABB 17.88TL OPENZ	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CJ3PXN3	ABB 19.19TL OPENZ	EUR											
Certificate	DE000CN6ERP1	ABBV 41.62TL OPENZ	EUR	4,0700	4,0900	4,0700			4,0900					
Certificate	DE000CY52SH9	ABLIZ 60TL OPENC	EUR											
Certificate	DE000CY52SG1	ABLIZ 65TL OPENC	EUR											
Certificate	DE000CN6KY55	ABLIZ 30.6TL OPENZ	EUR	3,3100	3,3400	3,3100			3,3400					
Certificate	DE000CN6KZ21	ABLIZ35.08TL OPENZ	EUR	2,5600	2,5900	2,5600			2,5900					
Certificate	NL0012795983	ABN LEVOPENZ	EUR	23,1500	23,1500	23,1500			23,1500					
Certificate	NL0012796023	ABN SHROPEZ	EUR	80,0100	80,0100	80,0100			80,0100					
Certificate	XS1395021915	ABN 57N0419B	EUR	106,3000	106,3000	106,3000			106,3000					
Certificate	DE000CY16LX6	ABN 15TL OPENC	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	DE000CY51BK1	ABN 16TL OPENC	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	DE000CY51402	ABN 16TL OPENC	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	DE000CY16LW8	ABN 18TL OPENC	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	DE000CY51BL9	ABN 18TL OPENC	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	DE000CV8A8S3	ABN 19TL 1218Z	EUR	0,4500	0,4500	0,4500			0,4500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY16LV0	ABN 20TL OPENC	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000CY51634	ABN 20TL OPENC	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000CP23805	ABN 22TL OPENC	EUR											
Certificate	DE000CY16T09	ABN 22TL OPENC	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000CP23Q20	ABN 22TS OPENC	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000CP23N31	ABN 22TS OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0012976609	ABN 24BOC0619B	EUR	21,9800	22,0600	21,9800			22,0600					
Certificate	DE000CP06TM1	ABN 24TS OPENC	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	NL0013110521	ABN 25BOC0919Z	EUR	21,3400	21,3400	21,3400			21,3400					
Certificate	NL0012796064	ABN 25BON1219Z	EUR	21,2800	21,2800	21,2800			21,2800					
Certificate	NL0012236152	ABN 26BON1218Z	EUR	25,9550	25,9550	25,9550			25,9550					
Certificate	DE000CQ58DM3	ABN 26TS OPENC	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	DE000CQ58238	ABN 26TS OPENC	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	DE000CY523T0	ABN 26TS OPENC	EUR											
Certificate	DE000CY523D4	ABN 26TS OPENC	EUR											
Certificate	NL0012648687	ABN 27BON0619Z	EUR	23,6900	23,6900	23,6900			23,6900					
Certificate	DE000CQ5A768	ABN 28TS OPENC	EUR	6,8400	6,8400	6,8400			6,8400					
Certificate	DE000CY52V34	ABN 28TS OPENC	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	NL0012648372	ABN 29BOC0619Z	EUR	24,5500	24,5500	24,5500			24,5500					
Certificate	DE000CY51GK0	ABN 30TS OPENC	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	DE000CY52LV5	ABN 32TS OPENC	EUR	10,9000	10,9000	10,9000			10,9000					
Certificate	DE000CY16T17	ABN 32TS OPENC	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	DE000CY51UL9	ABN 32TS OPENC	EUR	9,5800	9,5800	9,5800			9,5800					
Certificate	DE000CY52HG4	ABN 34TS OPENC	EUR	11,6500	11,6500	11,6500			11,6500					
Certificate	NL0011420575	ABN 11.3TL OPENH	EUR	10,6800	10,6800	10,6000			10,6000					
Certificate	NL0011914825	ABN 13.6TL OPENB	EUR	8,5250	8,5350	8,5250			8,5350					
Certificate	DE000CD63A31	ABN 16.6TL OPENZ	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	NL0012038293	ABN 19.1BL OPENB	EUR	2,2650	2,2750	2,2650			2,2750					
Certificate	NL0013148760	ABN 24.4BOC1219B	EUR	21,5300	21,6100	21,5300			21,6100					
Certificate	NL0012795744	ABN 25.5BOC0619Z	EUR	20,9000	20,9000	20,9000			20,9000					
Certificate	NL0012494454	ABN 25.6BOC1218B	EUR	25,4200	25,4900	25,4200			25,4900					
Certificate	NL0013003205	ABN 25.9BOC0919B	EUR	20,8300	20,9000	20,8300			20,9000					
Certificate	NL0012648893	ABN 27.5BOC1218Z	EUR	27,0850	27,0850	27,0850			27,0850					
Certificate	NL0012648679	ABN 28.5BON1218Z	EUR	20,9800	20,9800	20,9800			20,9800					
Certificate	NL0012648901	ABN 29.5BOC0619Z	EUR	22,5550	22,5550	22,5550			22,5550					
Certificate	NL0011420641	ABN 3.16TL OPENH	EUR	18,2500	18,2500	18,1800			18,1800					
Certificate	NL0011420633	ABN 4.74TL OPENH	EUR	16,7900	16,7900	16,7100			16,7100					
Certificate	NL0011420625	ABN 6.31TL OPENH	EUR	15,3200	15,3200	15,2500			15,2500					
Certificate	NL0011420617	ABN 7.89TL OPENH	EUR	13,8600	13,8600	13,7800			13,7800					
Certificate	NL0011420609	ABN 9.46TL OPENH	EUR	12,3900	12,3900	12,3100			12,3100					
Certificate	NL0011420591	ABN 10.78TL OPENH	EUR	11,1700	11,1700	11,0900			11,0900					
Certificate	NL0011521158	ABN 11.69BL OPENB	EUR	9,6850	9,6950	9,6850			9,6950					
Certificate	NL0011420559	ABN 11.83TL OPENH	EUR	10,1900	10,1900	10,1200			10,1200					
Certificate	DE000CV89YF9	ABN 12.93TL OPENZ	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	NL0013181670	ABN 13.68TL OPENH	EUR	8,4700	8,4700	8,4000			8,4000					
Certificate	DE000CD62K63	ABN 14.02TL OPENZ	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	NL0011918024	ABN 14.65TL OPENB	EUR	7,5550	7,5650	7,5550			7,5650					
Certificate	DE000CD62C22	ABN 14.96TL OPENZ	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	NL0011919626	ABN 15.16TL OPENB	EUR	7,0750	7,0850	7,0750			7,0850					
Certificate	NL0013181662	ABN 15.18TL OPENH	EUR	7,0700	7,0700	7,0000			7,0000					
Certificate	NL0012020275	ABN 15.66TL OPENB	EUR	6,6150	6,6250	6,6150			6,6250					
Certificate	DE000CD62PW7	ABN 15.95TL OPENZ	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	NL0013181654	ABN 16.68TL OPENH	EUR	5,6800	5,6800	5,6000			5,6000					
Certificate	DE000CJ3P208	ABN 16.75TL 0319Z	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CD62TQ1	ABN 16.94TL OPENZ	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	NL0012024657	ABN 17.22TL OPENB	EUR	5,1650	5,1750	5,1650			5,1750					
Certificate	LU1859831536	ABN 17.37TICIOPENS	EUR	4,1600	4,1900	4,1600			4,1900					
Certificate	NL0012024079	ABN 17.52BL OPENB	EUR	3,8550	3,8650	3,8550			3,8650					
Certificate	NL0012036271	ABN 17.72TL OPENB	EUR	4,6950	4,7050	4,6950			4,7050					
Certificate	NL0013181647	ABN 18.18TL OPENH	EUR	4,2800	4,2800	4,2000			4,2000					
Certificate	NL0012037816	ABN 18.23TL OPENB	EUR	4,2250	4,2350	4,2250			4,2350					
Certificate	DE000CJ3P216	ABN 18.25TL 0319Z	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CD63DN0	ABN 18.42TL OPENZ	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0012038285	ABN 18.57BL OPENB	EUR	2,8050	2,8150	2,8050			2,8150					
Certificate	DE000CD64DU3	ABN 19.18TL OPENZ	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0012114003	ABN 19.25TL OPENB	EUR	3,2750	3,2850	3,2750			3,2850					
Certificate	NL0012114326	ABN 19.62BL OPENB	EUR	1,7550	1,7650	1,7550			1,7650					
Certificate	NL0013181639	ABN 19.68TL OPENH	EUR	2,8800	2,8800	2,8100			2,8100					
Certificate	DE000CJ3P224	ABN 19.75TL 0319Z	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0012257760	ABN 19.75TL OPENB	EUR	2,8050	2,8150	2,8000	1400,0000	1	2,8150	500				
Certificate	DE000CD64BM4	ABN 19.91TL OPENZ	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	NL0012114631	ABN 20.15BL OPENB	EUR	1,2350	1,4200	1,0550	747,0000	2	1,2450	600				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012259360	ABN 20.26TL OPENB	EUR	2,3350	2,5150	2,2750	14370,0000	2	2,3450	6000				
Certificate	NL0013181621	ABN 20.43TL OPENH	EUR	2,1800	2,1800	2,1100			2,1100					
Certificate	NL0012258800	ABN 20.67BL OPENB	EUR	0,7150	0,7250	0,7150			0,7250					
Certificate	NL0012794556	ABN 20.76TL OPENB	EUR	1,8650	1,8750	1,8650			1,8750					
Certificate	NL0013181613	ABN 20.93TL OPENH	EUR	1,7200	1,7200	1,6400			1,6400					
Certificate	LU1493084070	ABN 21.01TCIOPENS	EUR	1,9200	1,9500	1,9200			1,9500					
Certificate	NL0013150394	ABN 21.17BL OPENB	EUR											
Certificate	NL0013181605	ABN 21.18TL OPENH	EUR											
Certificate	NL0013147978	ABN 21.24TL OPENB	EUR											
Certificate	DE000CJ3P9J3	ABN 21.25TL 0319Z	EUR											
Certificate	DE000CJ3PXS2	ABN 21.38TL OPENZ	EUR											
Certificate	NL0013181597	ABN 21.43TL OPENH	EUR											
Certificate	NL0013150402	ABN 21.66BL OPENB	EUR											
Certificate	NL0013181589	ABN 21.68TL OPENH	EUR											
Certificate	NL0013150691	ABN 21.74TL OPENB	EUR											
Certificate	NL0013181571	ABN 21.93TL OPENH	EUR											
Certificate	NL0013154321	ABN 22.16BL OPENB	EUR											
Certificate	LU1521264090	ABN 22.23TCIOPENS	EUR	0,7800	0,8100	0,7800			0,8100					
Certificate	NL0013162258	ABN 22.27TS OPENB	EUR	2,9050	2,9050	2,8950			2,8950					
Certificate	NL0013190572	ABN 22.37TS OPENH	EUR	3,0100	3,1700	3,0100			3,1700					
Certificate	NL0013162266	ABN 22.77TS OPENB	EUR	3,4450	3,4450	3,4350			3,4350					
Certificate	NL0013189483	ABN 22.87TS OPENH	EUR	3,5500	3,7100	3,5500			3,7100					
Certificate	NL0013163116	ABN 22.98BS OPENB	EUR	2,0050	2,0050	1,9950			1,9950					
Certificate	NL0013154263	ABN 23.27TS OPENB	EUR	3,9550	3,9550	3,9450			3,9450					
Certificate	NL0013181555	ABN 23.38TS OPENH	EUR	4,1000	4,2600	4,1000			4,2600					
Certificate	NL0013181548	ABN 23.63TS OPENH	EUR	4,3600	4,5300	4,3600			4,5300					
Certificate	NL0013009780	ABN 23.77TS OPENB	EUR	4,4850	4,4850	4,4750			4,4750					
Certificate	NL0013181530	ABN 23.88TS OPENH	EUR	4,6300	4,8000	4,6300			4,8000					
Certificate	NL0013008824	ABN 23.98BS OPENB	EUR	3,0050	3,0050	2,9950			2,9950					
Certificate	NL0013181522	ABN 24.13TS OPENH	EUR	4,9000	5,0700	4,9000			5,0700					
Certificate	NL0012789945	ABN 24.23TS OPENB	EUR	4,9850	4,9850	4,9750			4,9750					
Certificate	LU1840978776	ABN 24.25TCIOPENS	EUR	3,3700	3,3700	3,3500			3,3500					
Certificate	NL0013181514	ABN 24.37TS OPENH	EUR	5,1700	5,3400	5,1700			5,3400					
Certificate	NL0013181506	ABN 24.62TS OPENH	EUR	5,4400	5,6100	5,4400			5,6100					
Certificate	NL0012789952	ABN 24.72TS OPENB	EUR	5,5150	5,5150	5,5050			5,5050					
Certificate	NL0013181498	ABN 24.87TS OPENH	EUR	5,7100	5,8800	5,7100			5,8800					
Certificate	DE000CV89BM3	ABN 24.89TS OPENZ	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	NL0012684369	ABN 24.97BS OPENB	EUR	3,9950	3,9950	3,9850			3,9850					
Certificate	NL0013181480	ABN 25.62TS OPENH	EUR	6,5200	6,6900	6,5200			6,6900					
Certificate	NL0012683098	ABN 25.67TS OPENB	EUR	6,5450	6,5450	6,5350			6,5350					
Certificate	LU1790699620	ABN 25.81TCIOPENS	EUR	4,1400	4,1400	4,1200			4,1200					
Certificate	NL0012683775	ABN 25.94BS OPENB	EUR	4,9650	4,9650	4,9550			4,9550					
Certificate	NL0012679146	ABN 26.14TS OPENB	EUR	7,0450	7,0450	7,0350			7,0350					
Certificate	NL0013181472	ABN 26.37TS OPENH	EUR	7,3300	7,5000	7,3300			7,5000					
Certificate	DE000CV89BN1	ABN 26.88TS OPENZ	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0013007669	ABN 26.94BS OPENB	EUR	5,9550	5,9550	5,9450			5,9450					
Certificate	NL0013181464	ABN 27.12TS OPENH	EUR	8,1400	8,3100	8,1400			8,3100					
Certificate	NL0013181456	ABN 28.62TS OPENH	EUR	9,7600	9,9300	9,7600			9,9300					
Certificate	DE000CV89ED6	ABN 28.87TS OPENZ	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	NL0013181449	ABN 30.12TS OPENH	EUR	11,3800	11,5500	11,3800			11,5500					
Certificate	NL0013181431	ABN 31.62TS OPENH	EUR	13,0000	13,1600	13,0000			13,1600					
Certificate	NL0013181423	ABN 33.11TS OPENH	EUR	14,6200	14,7800	14,6200			14,7800					
Certificate	NL0013181415	ABN 34.61TS OPENH	EUR	16,2400	16,4000	16,2400			16,4000					
Certificate	NL0013181407	ABN 36.11TS OPENH	EUR	17,8600	18,0200	17,8600			18,0200					
Certificate	NL0011904891	ABN 9.547BL OPENB	EUR	11,8350	11,8450	11,8350			11,8450					
Certificate	XS0657770458	ABN0%3MEURIBFRN24	EUR											
Certificate	NL0009980986	ABN0%INFLATNLKD22	EUR											
Certificate	DE000CN6KM26	ACCEN109.7TL OPENZ	EUR	2,1250	2,1750	2,1250			2,1750					
Certificate	DE000CE6DGE1	ACCEN124.1TL OPENZ	EUR	1,4950	1,5450	1,4950			1,5450					
Certificate	DE000CJ3NWS9	ACCEN140.2TL OPENZ	EUR	0,7950	0,8350	0,7950			0,8350					
Certificate	DE000CR9NTA0	ACCEN86.91TL OPENZ	EUR	3,1250	3,1850	3,1250			3,1850					
Certificate	DE000CR9NUP6	ACCEN97.29TL OPENZ	EUR	2,6750	2,7250	2,6750			2,7250					
Certificate	DE000CV883E3	ACCG 10.73TL OPENZ	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	DE000CV883F0	ACCG 11.79TL OPENZ	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	NL0013009608	ACCG 12.52TL OPENB	EUR	1,3800	1,4000	1,3800			1,4000					
Certificate	DE000CV883G8	ACCG 12.85TL OPENZ	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	DE000CV50608	ACCG 13.92TL OPENZ	EUR	1,1000	1,1000	1,0950	220,0000	1	1,0950	200				
Certificate	NL0012999114	ACCG 14.54TL OPENB	EUR	1,0100	1,0200	1,0100			1,0200					
Certificate	DE000CJ3PN70	ACCG 14.94TL OPENZ	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	NL0013152531	ACCG 15.53TL OPENB	EUR	0,8300	0,8400	0,8300			0,8400					
Certificate	DE000CJ3QAW0	ACCG 16.48TL OPENZ	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	NL0013152549	ACCG 16.53TL OPENB	EUR	0,6400	0,6600	0,6400			0,6600					



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	NL0013152556	ACCG 17.53TL OPENB	EUR	0,4500	0,4700	0,4300	17700,0000	4	0,4700	40000				
Certificate	DE000CJ3QAX8	ACCG 17.99TL OPENZ	EUR	0,3350	0,3350	0,3350			0,3350					
Certificate	NL0013157514	ACCG 18.92TS OPENB	EUR											
Certificate	NL0012999155	ACCG 20.92TS OPENB	EUR	0,8000	0,8000	0,7800			0,7800					
Certificate	NL0013152622	ACCG 22.95TS OPENB	EUR	1,2400	1,2400	1,2200			1,2200					
Certificate	NL0010126686	ACCOR 19TL OPENB	EUR	1,9950	1,9950	1,9950			1,9950					
Certificate	NL0012100432	ACCOR 34TL OPENB	EUR	0,5450	0,6050	0,5450			0,6050					
Certificate	NL0013162100	ACCOR 36TL OPENB	EUR	0,3550	0,4150	0,3550			0,4150					
Certificate	NL0011650528	ACCOR 29.7TL OPENB	EUR	0,9350	0,9950	0,9350			0,9950					
Certificate	NL0012259378	ACCOR 38.1TL OPENB	EUR											
Certificate	NL0013015456	ACCOR 41.6TS OPENB	EUR	0,7950	0,7950	0,7350			0,7350					
Certificate	NL0013001902	ACCOR 45.6TS OPENB	EUR	1,2250	1,2250	1,1650			1,1650					
Certificate	DE000CJ3QE13	ACCOR25.94TL OPENZ	EUR	1,1250	1,1650	1,1250			1,1650					
Certificate	DE000CV89CP4	ACCOR29.96TL OPENZ	EUR	0,7250	0,7650	0,7250			0,7650					
Certificate	DE000CV4YXF3	ACCOR35.01TL OPENZ	EUR	0,2350	0,2650	0,2350			0,2650					
Certificate	DE000CR4JAK8	ACKBV102.8TL OPENZ	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	NL0013014749	ACKBV105.78L OPENB	EUR	1,4850	1,5150	1,4850			1,5150					
Certificate	DE000CD62D13	ACKBV107.8TL OPENZ	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000CD62UK2	ACKBV113.7TL OPENZ	EUR	0,9600	0,9700	0,9600	960,0000	1	0,9700	1000				
Certificate	NL0013007545	ACKBV115.78L OPENB	EUR	0,9850	1,0150	0,9850			1,0150					
Certificate	DE000CD63880	ACKBV119.6TL OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CD640C3	ACKBV125.6TL OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0012997886	ACKBV125.88L OPENB	EUR	0,4750	0,5050	0,4750			0,5050					
Certificate	DE000CE6BL84	ACKBV132.5TL OPENZ	EUR											
Certificate	NL0013158850	ACKBV135.78L OPENB	EUR											
Certificate	DE000CJ3N2S1	ACKBV156.5TS OPENZ	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	NL0012998124	ACKBV158.78S OPENB	EUR	1,4150	1,4150	1,3850			1,3850					
Certificate	DE000CE6CKK5	ACKBV171.4TS OPENZ	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0012998132	ACKBV178.58S OPENB	EUR	2,4050	2,4050	2,3750			2,3750					
Certificate	DE000CV88P17	ACKBV191.4TS OPENZ	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CR4HZN3	ACKBV92.86TL OPENZ	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CR4J3W9	ACKBV97.84TL OPENZ	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CV8AY41	ACS 26.3TL OPENZ	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000CJ3PN88	ACS 22.32TL OPENZ	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CJ3PMW7	ACS 30.32TL OPENZ	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000CJ3QXW2	ADECC 29.7TL OPENZ	EUR	1,4600	1,4600	1,4150			1,4150					
Certificate	DE000CJ3NRV3	ADECC 34.7TL OPENZ	EUR	1,0100	1,0100	0,9750			0,9750					
Certificate	DE000CV89EV8	ADECC40.73TL OPENZ	EUR	0,4800	0,4800	0,4450			0,4450					
Certificate	DE000CJ3QNH4	ADECC46.21TL OPENZ	EUR											
Certificate	NL0011050786	ADIDA 45TL OPENH	EUR	15,1500	15,5600	15,1500			15,5600					
Certificate	DE000CX0H807	ADIDA 80TL OPENC	EUR	11,4200	11,4200	11,4200			11,4200					
Certificate	DE000CX01K48	ADIDA 105TL OPENC	EUR	8,5000	8,5000	8,5000			8,5000					
Certificate	DE000CX0KWQ7	ADIDA 120TL OPENC	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	DE000CX59M96	ADIDA 130TL OPENC	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000CX59YB7	ADIDA 140TL OPENC	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000CY168S7	ADIDA 150TL OPENC	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000CY16DJ2	ADIDA 160TL OPENC	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000CY501T6	ADIDA 180TS OPENC	EUR											
Certificate	DE000CE6B8K7	ADIDA 159.TL OPENZ	EUR	3,6100	3,8800	3,6100			3,8800					
Certificate	NL0011050760	ADIDA 54.6TL OPENH	EUR	14,2500	14,6700	14,2500			14,6700					
Certificate	NL0011240718	ADIDA 58.8TL OPENH	EUR	13,8600	14,2700	13,8600			14,2700					
Certificate	NL0011797162	ADIDA 92.5TL OPENB	EUR	10,7450	11,2150	10,7450			11,2150					
Certificate	NL0011798913	ADIDA 98.9TL OPENB	EUR	10,1450	10,6250	10,1450			10,6250					
Certificate	NL0011803648	ADIDA104.2TL OPENB	EUR	9,6550	10,1250	9,6550			10,1250					
Certificate	NL0011733159	ADIDA105.5TL OPENH	EUR	9,4900	9,9100	9,4900			9,9100					
Certificate	NL0011818125	ADIDA109.7TL OPENB	EUR	9,1350	9,6150	9,1350			9,6150					
Certificate	DE000CN6L4W0	ADIDA109.9TL OPENZ	EUR	85,1300	87,7800	85,1300			87,7800					
Certificate	NL0011889373	ADIDA115.9TL OPENH	EUR	8,5200	8,9400	8,5200			8,9400					
Certificate	DE000CD61K80	ADIDA121.2TL OPENZ	EUR	73,7800	76,4400	73,7800			76,4400					
Certificate	NL0011926621	ADIDA125.9TL OPENH	EUR	7,5900	8,0000	7,5900			8,0000					
Certificate	NL0011910179	ADIDA127.8TL OPENB	EUR	7,4550	7,9250	7,4550			7,9250					
Certificate	DE000CD62A73	ADIDA133.2TL OPENZ	EUR	61,8700	64,5100	61,8700			64,5100					
Certificate	NL0012033773	ADIDA134.4TL OPENB	EUR	6,8350	7,3150	6,8350			7,3150					
Certificate	NL0011996434	ADIDA135.4TL OPENH	EUR	6,7000	7,1200	6,7000			7,1200					
Certificate	NL0012175012	ADIDA145.6TL OPENH	EUR	5,7500	6,1600	5,7500			6,1600					
Certificate	NL0012113799	ADIDA148.6TL OPENB	EUR	5,5150	5,9950	5,5150			5,9950					
Certificate	NL0012197354	ADIDA155.6TL OPENH	EUR	4,8100	5,2300	4,8100			5,2300					
Certificate	NL0012116024	ADIDA164.4TL OPENB	EUR	4,0450	4,5250	4,0450			4,5250					
Certificate	NL0012555346	ADIDA165.1TL OPENH	EUR	3,9300	4,3400	3,9300			4,3400					
Certificate	NL0012549497	ADIDA165.2TL OPENH	EUR	3,9100	4,3300	3,9100			4,3300					
Certificate	NL0012594949	ADIDA170.7TL OPENH	EUR	3,4000	3,8100	3,4000			3,8100					
Certificate	NL0012594931	ADIDA175.8TL OPENH	EUR	2,9200	3,3400	2,9200			3,3400					



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	NL0012774590	ADIDA181.4TL OPENB	EUR	2,4650	2,9350	2,4650			2,9350					
Certificate	NL0012925705	ADIDA181.4TL OPENH	EUR	2,3900	2,8100	2,3900			2,8100					
Certificate	DE000CJ3NPL8	ADIDA188.9TL OPENZ	EUR	0,6700	0,9200	0,6700			0,9200					
Certificate	NL0013012578	ADIDA190.5TL OPENB	EUR	1,6150	2,0850	1,6150			2,0850					
Certificate	NL0013188766	ADIDA194.6TL OPENH	EUR											
Certificate	NL0013187297	ADIDA200.3TS OPENH	EUR											
Certificate	NL0013007271	ADIDA209.2TS OPENB	EUR	3,2450	3,2450	2,7750			2,7750					
Certificate	NL0013085293	ADIDA209.5TS OPENH	EUR	3,1900	3,1900	2,8600			2,8600					
Certificate	NL0012892376	ADIDA218.8TS OPENH	EUR	4,1800	4,1800	3,8600			3,8600					
Certificate	NL0012937999	ADIDA223.5TS OPENH	EUR	4,6900	4,6900	4,3700			4,3700					
Certificate	NL0012595508	ADIDA224.6TS OPENH	EUR	4,8100	4,8100	4,4800			4,4800					
Certificate	NL0012601629	ADIDA225.1TS OPENH	EUR	4,8600	4,8600	4,5300			4,5300					
Certificate	NL0012213904	ADIDA226.4TS OPENH	EUR	5,0000	5,0000	4,6700			4,6700					
Certificate	NL0012282248	ADIDA229.9TS OPENB	EUR	5,4750	5,4750	5,0050			5,0050					
Certificate	NL0012894091	ADIDA233.8TS OPENH	EUR	5,7900	5,7900	5,4700			5,4700					
Certificate	NL0012605844	ADIDA244.9TS OPENH	EUR	6,9900	6,9900	6,6700			6,6700					
Certificate	NL0012602593	ADIDA254.6TS OPENH	EUR	8,0300	8,0300	7,7000			7,7000					
Certificate	DE000CY50V51	ADOBE 130TL OPENC	EUR	9,4100	9,4100	9,4100			9,4100					
Certificate	DE000CY50XV4	ADOBE 130TL OPENC	EUR	10,3500	10,3500	10,3500			10,3500					
Certificate	DE000CY50XW2	ADOBE 140TL OPENC	EUR	9,4800	9,4800	9,4800			9,4800					
Certificate	DE000CY50V69	ADOBE 140TL OPENC	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	DE000CY51V84	ADOBE 150TL OPENC	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	DE000CY51YP2	ADOBE 150TL OPENC	EUR	8,7700	8,7700	8,7700			8,7700					
Certificate	DE000CY51YQ0	ADOBE 160TL OPENC	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	DE000CY51Y92	ADOBE 160TL OPENC	EUR	6,7300	6,7300	6,7300			6,7300					
Certificate	DE000CY52FC7	ADOBE 170TL OPENC	EUR	7,1300	7,1300	7,1300			7,1300					
Certificate	DE000CY52DZ3	ADOBE 170TL OPENC	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	DE000CQ5A1A9	ADOBE 180TL OPENC	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	DE000CY52MR1	ADOBE 180TL OPENC	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	DE000CJ3PPF5	ADYEN 407.1TL OPENZ	EUR	0,9500	1,1800	0,9500	295,3900	4	1,0550	273				
Certificate	DE000VNGG9R3	ADYEN 450.TS OPENV	EUR											
Certificate	DE000VNGG9S1	ADYEN 460.TS OPENV	EUR											
Certificate	DE000VNGG9T9	ADYEN 470.TS OPENV	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	NL0013155302	ADYEN 500.BS OPENB	EUR	6,7400	6,7400	5,7200			5,7200					
Certificate	NL0012997647	ADYEN 739.BS OPENB	EUR	30,6400	30,6400	29,6200			29,6200					
Certificate	NL0012970891	ADYEN173.2TL OPENB	EUR	28,7900	29,7000	28,7900			29,7000					
Certificate	NL0012970933	ADYEN182.4BL OPENB	EUR	28,2000	29,1000	28,2000			29,1000					
Certificate	NL0012970941	ADYEN202.6BL OPENB	EUR	26,1700	27,0800	26,1700			27,0800					
Certificate	NL0012970917	ADYEN216.5TL OPENB	EUR	24,7600	25,6700	24,7600			25,6700					
Certificate	NL0012971337	ADYEN253.3BL OPENB	EUR	21,1100	22,0100	21,1100			22,0100					
Certificate	NL0012971170	ADYEN271.9TL OPENB	EUR	19,6100	20,5100	19,6100			20,5100					
Certificate	DE000CJ3QH28	ADYEN271.9TL OPENZ	EUR	3,7050	3,7050	3,7050			3,7050					
Certificate	DE000CJ3QFV1	ADYEN274.9TL OPENZ	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	NL0012971329	ADYEN303.9BL OPENB	EUR	16,0400	16,9500	16,0400			16,9500					
Certificate	DE000CJ3QC80	ADYEN309.9TL OPENZ	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	NL0012971188	ADYEN322.2TL OPENB	EUR	14,9200	15,8200	14,9200	2364,0000	1	15,8200	150				
Certificate	DE000CV89GH2	ADYEN349.7TL OPENZ	EUR	12,9200	12,9200	12,9200			12,9200					
Certificate	DE000CJ3PK16	ADYEN352.1TL OPENZ	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	NL0012971436	ADYEN362.5TL OPENB	EUR	11,1700	12,3000	11,1700	10327,0000	3	12,0700	850				
Certificate	DE000VA90UF9	ADYEN376.3TL OPENV	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	NL0012971592	ADYEN384.9BL OPENB	EUR	7,9400	8,8500	7,9400			8,8500					
Certificate	DE000VA90UG7	ADYEN386.3TL OPENV	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	DE000CV89KV5	ADYEN392.4TL OPENZ	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0013156433	ADYEN392.5TL OPENB	EUR	8,3800	9,2900	8,3800			9,2900					
Certificate	DE000VA90UH5	ADYEN396.3TL OPENV	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	NL0012971600	ADYEN405.2BL OPENB	EUR	5,9200	7,5300	5,9200	955,3500	4	6,8200	132				
Certificate	DE000VA90UJ1	ADYEN406.3TL OPENV	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	DE000VA90UK9	ADYEN416.3TL OPENV	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	NL0013157332	ADYEN422.5TL OPENB	EUR	5,6000	6,5100	5,6000	1209,7800	2	6,5100	198				
Certificate	DE000VA90XB2	ADYEN426.4TL OPENV	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000CJ3QKW9	ADYEN427.5TL OPENZ	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	NL0013157977	ADYEN435.1BL OPENB	EUR											
Certificate	NL0013163926	ADYEN435.1BL OPENB	EUR											
Certificate	DE000VA90XC0	ADYEN436.4TL OPENV	EUR											
Certificate	DE000VN9HEP3	ADYEN436.5TL OPENV	EUR											
Certificate	DE000VA90XV0	ADYEN446.4TL OPENV	EUR											
Certificate	DE000VN9HG75	ADYEN449.8TS OPENV	EUR											
Certificate	DE000VN9HG83	ADYEN459.8TS OPENV	EUR											
Certificate	DE000VA90UB8	ADYEN480.4TS OPENV	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	DE000VA90UC6	ADYEN490.4TS OPENV	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	DE000VA90UD4	ADYEN500.4TS OPENV	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	NL0013154735	ADYEN505.2TS OPENB	EUR	9,7800	9,7800	8,7600			8,7600					



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	DE000VA90UE2	ADYEN50.4TS OPENV	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	DE000VA9C3R7	ADYEN520.4TS OPENV	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	DE000VA9C3S5	ADYEN530.4TS OPENV	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	DE000VA9C2Z2	ADYEN540.4TS OPENV	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	DE000VA9C1T7	ADYEN550.4TS OPENV	EUR	10,4100	10,4100	10,4100			10,4100					
Certificate	NL0013153018	ADYEN559.8BS OPENB	EUR	12,7200	12,7200	11,7100			11,7100					
Certificate	DE000VA9C1U5	ADYEN560.4TS OPENV	EUR	10,9100	11,4100	10,8100	10,9100	1	11,4100	1				
Certificate	NL0013153356	ADYEN565.2TS OPENB	EUR	16,2300	16,2300	15,2200			15,2200					
Certificate	DE000VA9C1V3	ADYEN570.4TS OPENV	EUR	12,4100	12,4100	12,4100			12,4100					
Certificate	DE000VA9C1W1	ADYEN580.4TS OPENV	EUR	13,4100	13,4100	13,4100			13,4100					
Certificate	DE000VA9C1X9	ADYEN590.4TS OPENV	EUR	14,4100	14,4100	14,4100			14,4100					
Certificate	DE000VA9C1Y7	ADYEN600.4TS OPENV	EUR	15,4100	15,4100	15,4100			15,4100					
Certificate	DE000VA9CYM4	ADYEN610.5TS OPENV	EUR	16,4000	16,4000	16,4000			16,4000					
Certificate	NL0013151566	ADYEN619.6BS OPENB	EUR	18,7000	18,7000	17,6900			17,6900					
Certificate	NL0013007917	ADYEN623.9TS OPENB	EUR	22,5700	22,5700	21,5500			21,5500					
Certificate	NL0013006182	ADYEN679.4BS OPENB	EUR	24,6800	24,6800	23,6600			23,6600					
Certificate	NL0013005903	ADYEN683.7TS OPENB	EUR	29,0200	29,0200	28,0000			28,0000					
Certificate	NL0012997803	ADYEN742.5TS OPENB	EUR	35,3600	35,3600	34,3500			34,3500					
Certificate	NL0013000417	ADYEN798.5BS OPENB	EUR	36,5900	36,5900	35,5700			35,5700					
Certificate	FR0013123288	AE10S SHROPENS	EUR											
Certificate	FR0013123296	AE12S SHROPENS	EUR											
Certificate	FR0013123304	AE15S SHROPENS	EUR											
Certificate	DE000CE6BQR6	AEGON LEVOPENZ	EUR	12,8300	12,8300	12,2000			12,2000					
Certificate	DE000CE6BQG9	AEGON SHROPENZ	EUR	10,1350	10,6900	10,1350			10,6900					
Certificate	XS1777869857	AEGON STN0221B	EUR	86,4500	86,4500	86,3500			86,3500					
Certificate	XS1649312698	AEGON STN0720B	EUR	91,4000	91,5000	91,4000			91,5000					
Certificate	XS1490961247	AEGON STN0926B	EUR	106,2000	106,2000	106,2000			106,2000					
Certificate	XS1914215402	AEGON STN1121B	EUR	76,2000	76,2000	76,1500			76,1500					
Certificate	XS1536800789	AEGON STN1219B	EUR	95,2000	95,2000	94,9000	47450,0000	1	95,1500	50000				
Certificate	LU1876928901	AEGON 3TCIOPENS	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CX00039	AEGON 3TL OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	NL0012275267	AEGON 4TL OPENB	EUR	0,6450	0,6500	0,6150	13423,7400	4	0,6450	21116				
Certificate	DE000CY50040	AEGON 4TL OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CX59NX4	AEGON 4TL OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CY521M9	AEGON 5TL OPENC	EUR											
Certificate	DE000CY51X09	AEGON 5TL OPENC	EUR											
Certificate	DE000VNG68E3	AEGON 5TS 0319V	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	NL0012796072	AEGON 6BON0919Z	EUR	4,1500	4,1500	4,1200			4,1200					
Certificate	NL0012796080	AEGON 6BON1219Z	EUR	4,1500	4,1500	4,1200			4,1200					
Certificate	DE000VA7PTY5	AEGON 6TS 0319V	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	DE000VA4YTV0	AEGON 6TS 1218V	EUR	1,6850	1,6850	1,6850			1,6850					
Certificate	DE000CQ5B246	AEGON 6TS OPENC	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000CP06NR3	AEGON 7TS OPENC	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	DE000CP067R3	AEGON 7TS OPENC	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CQ5AJW1	AEGON 7TS OPENC	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	DE000CQ5ADR5	AEGON 7TS OPENC	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000C88AAN9	AEGON 8TS OPENC	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0009940428	AEGON 1.1TL OPENB	EUR	3,3650	3,3650	3,3650			3,3650					
Certificate	NL0011418488	AEGON 1.1TL OPENH	EUR	3,3800	3,3800	3,3400			3,3400					
Certificate	NL0010012050	AEGON 1.5TL OPENB	EUR	3,0650	3,0650	3,0650			3,0650					
Certificate	NL0010174157	AEGON 1.8TL OPENB	EUR	2,7550	2,7550	2,7550			2,7550					
Certificate	NL0010175469	AEGON 2.1TL OPENB	EUR	2,4250	2,4250	2,4250			2,4250					
Certificate	NL0011930441	AEGON 2.8TL OPENH	EUR	1,8400	1,8400	1,8100			1,8100					
Certificate	DE000CX59052	AEGON 3.2TL OPENC	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CX598P1	AEGON 3.4TL OPENC	EUR	1,4000	1,4100	1,3900	2800,0000	1	1,4100	2000				
Certificate	NL0012030209	AEGON 3.5TL OPENB	EUR	1,1150	1,1150	1,1150			1,1150					
Certificate	DE000CX59928	AEGON 3.5TL OPENC	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	NL0012306807	AEGON 3.8TL OPENH	EUR	0,9300	0,9300	0,8900			0,8900					
Certificate	DE000CE6DGW3	AEGON 4.1TL OPENZ	EUR	0,4700	0,4700	0,4250	440,0000	1	0,4250	1000				
Certificate	LU1521098654	AEGON 4.2TCIOPENS	EUR	0,5400	0,5400	0,5300			0,5300					
Certificate	DE000VNHCS3	AEGON 4.2TL 0319V	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	DE000CY51LV7	AEGON 4.2TL OPENC	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000VNG68F0	AEGON 4.4TL 0319V	EUR											
Certificate	DE000CY50FP3	AEGON 4.5TL OPENC	EUR	0,3600	0,3800	0,3600	72,0000	1	0,3800	200				
Certificate	DE000CY50EG5	AEGON 4.5TL OPENC	EUR	0,2200	0,2200	0,2100	1760,0000	1	0,2100	8000				
Certificate	DE000VA90SE6	AEGON 4.6TL 0319V	EUR											
Certificate	DE000VA320W2	AEGON 4.6TL 1218V	EUR											
Certificate	DE000CY51675	AEGON 4.6TL OPENC	EUR											
Certificate	DE000CY50WQ6	AEGON 4.6TL OPENC	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000VNH9FV8	AEGON 4.6TS 0319V	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	DE000VA71N44	AEGON 4.8TL 0319V	EUR											
Certificate	DE000VA320X0	AEGON 4.8TL 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	DE000CY521L1	AEGON 4.8TL OPENC	EUR											
Certificate	DE000VN9HAG0	AEGON 4.8TS 0319V	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	DE000CY52LX1	AEGON 5.2TL OPENC	EUR											
Certificate	DE000VA90SD8	AEGON 5.2TS 0319V	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	NL0013185945	AEGON 5.2TS OPENH	EUR	1,4100	1,4600	1,4100				1,4600				
Certificate	DE000VA9C5K7	AEGON 5.4TS 0319V	EUR	1,0950	1,0950	1,0950				1,0950				
Certificate	LU1876933067	AEGON 5.5TPIOPENS	EUR	1,1600	1,1700	1,1600				1,1700				
Certificate	DE000CJ3QTY6	AEGON 5.5TS 0319Z	EUR	1,1400	1,1850	1,1400				1,1850				
Certificate	DE000CP23N56	AEGON 5.5TS OPENC	EUR	1,2500	1,2500	1,2500				1,2500				
Certificate	DE000CP23458	AEGON 5.5TS OPENC	EUR	1,4200	1,4200	1,4200				1,4200				
Certificate	DE000CQ58BD3	AEGON 5.5TS OPENC	EUR											
Certificate	DE000VA9C2J6	AEGON 5.6TS 0319V	EUR	1,2950	1,2950	1,2950				1,2950				
Certificate	NL0012795546	AEGON 5.7BOC0919Z	EUR	4,6300	4,6300	4,5800				4,5800				
Certificate	DE000VA7PTX7	AEGON 5.8TS 0319V	EUR	1,4950	1,4950	1,4950				1,4950				
Certificate	DE000VA64XS1	AEGON 5.8TS 1218V	EUR	1,4850	1,4850	1,4850				1,4850				
Certificate	NL0011406426	AEGON 5.8TS OPENH	EUR	2,0700	2,1300	2,0700				2,1300				
Certificate	NL0012987218	AEGON 5.9BOC0619B	EUR	4,5800	4,5800	4,5800				4,5800				
Certificate	NL0012648703	AEGON 5.9BON0619Z	EUR	4,7550	4,7550	4,6800				4,6800				
Certificate	NL0012236590	AEGON 6.2BOC0619Z	EUR	5,3350	5,3350	5,2900				5,2900				
Certificate	NL0012676241	AEGON 6.2BOC1218B	EUR	4,9800	5,0500	4,9800				5,0500				
Certificate	NL0012792964	AEGON 6.2BOC1218B	EUR	4,3700	4,3700	4,3600				4,3600				
Certificate	NL0012648919	AEGON 6.2BOC1218Z	EUR	5,6950	5,6950	5,5500				5,5500				
Certificate	DE000VA7PT22	AEGON 6.2TS 0319V	EUR	1,8950	1,8950	1,8950				1,8950				
Certificate	DE000CJ3QDA0	AEGON 6.2TS 0319Z	EUR	1,8300	1,8750	1,8300				1,8750				
Certificate	NL0012796353	AEGON 6.4BOC1219Z	EUR	4,2650	4,2650	4,2050				4,2050				
Certificate	NL0012648927	AEGON 6.5BOC0619Z	EUR	4,9850	4,9850	4,9000				4,9000				
Certificate	LU1876933224	AEGON 6.5TPIOPENS	EUR	2,1600	2,1600	2,1600				2,1600				
Certificate	DE000CV8AB22	AEGON 6.5TS 1218Z	EUR	2,1300	2,1750	2,1300				2,1750				
Certificate	DE000CP06PB2	AEGON 6.5TS OPENC	EUR	2,4400	2,4400	2,4400				2,4400				
Certificate	DE000CY521P2	AEGON 6.5TS OPENC	EUR	2,1100	2,1100	2,1100				2,1100				
Certificate	DE000CJ3P257	AEGON 6.9TS 0319Z	EUR	2,5300	2,5850	2,5300				2,5850				
Certificate	NL0011039946	AEGON 6.9TS OPENH	EUR	3,2900	3,3500	3,2900				3,3500				
Certificate	DE000CJ3NTN6	AEGON 7.3TS 1218Z	EUR	2,9300	2,9750	2,9300				2,9750				
Certificate	DE000C8AT71	AEGON 7.5TS OPENC	EUR	1,7700	1,7700	1,7700				1,7700				
Certificate	DE000CQ5AU22	AEGON 7.5TS OPENC	EUR	2,8800	2,8800	2,8800				2,8800				
Certificate	DE000CM3ZVU6	AEGON 0.75TL OPENZ	EUR	3,6900	3,6900	3,6450				3,6450				
Certificate	NL0011230461	AEGON 1.82TL OPENH	EUR	2,7300	2,7300	2,6900				2,6900				
Certificate	NL0011051354	AEGON 1.83TL OPENH	EUR	2,7200	2,7200	2,6900				2,6900				
Certificate	NL0011905146	AEGON 1.98TL OPENB	EUR	2,5350	2,5350	2,5350				2,5350				
Certificate	NL0011051347	AEGON 2.11TL OPENH	EUR	2,4600	2,4600	2,4300				2,4300				
Certificate	NL0011895073	AEGON 2.28TL OPENH	EUR	2,3100	2,3100	2,2800				2,2800				
Certificate	NL0011894589	AEGON 2.38TL OPENH	EUR	2,2200	2,2200	2,1800				2,1800				
Certificate	NL0011905153	AEGON 2.47TL OPENB	EUR	2,0850	2,0850	2,0850				2,0850				
Certificate	NL0011892799	AEGON 2.48TL OPENH	EUR	2,1300	2,1300	2,1000				2,1000				
Certificate	DE000CD61P10	AEGON 2.55TL OPENZ	EUR	1,9600	1,9600	1,9150				1,9150				
Certificate	NL0011896444	AEGON 2.59TL OPENH	EUR	2,0300	2,0300	1,9900				1,9900				
Certificate	NL0011906128	AEGON 2.71TL OPENB	EUR	1,8550	1,8550	1,8550				1,8550				
Certificate	DE000CD622H0	AEGON 2.81TL OPENZ	EUR	1,7100	1,7100	1,6650				1,6650				
Certificate	NL0011979919	AEGON 2.96TL OPENH	EUR	1,6900	1,6900	1,6500				1,6500				
Certificate	NL0012021117	AEGON 2.98TL OPENB	EUR	1,5950	1,5950	1,5950				1,5950				
Certificate	DE000CD637G0	AEGON 3.07TL OPENZ	EUR	1,4600	1,4600	1,4150				1,4150				
Certificate	NL0011980164	AEGON 3.17TL OPENH	EUR	1,5000	1,5000	1,4700				1,4700				
Certificate	NL0012029078	AEGON 3.24TL OPENB	EUR	1,3650	1,3650	1,3600	408,0000	1	1,3650	300				
Certificate	NL0011989561	AEGON 3.27TL OPENH	EUR	1,4100	1,4100	1,3700				1,3700				
Certificate	DE000CD638H6	AEGON 3.38TL OPENZ	EUR	1,1700	1,1700	1,1250				1,1250				
Certificate	DE000CJ3QW60	AEGON 3.43TL 0319Z	EUR	1,0100	1,0100	0,9650				0,9650				
Certificate	NL0011993431	AEGON 3.48TL OPENH	EUR	1,2100	1,2100	1,1800				1,1800				
Certificate	DE000CD63MH3	AEGON 3.74TL OPENZ	EUR	0,8200	0,8200	0,7750				0,7750				
Certificate	DE000CX59FK7	AEGON 3.75TL OPENC	EUR	1,0300	1,0500	1,0200	103,0000	1	1,0500	100				
Certificate	NL0012030217	AEGON 3.76TL OPENB	EUR	0,8850	0,8850	0,8600	17026,7500	5	0,8850	19568				
Certificate	DE000VN66Q68	AEGON 3.97TL OPENV	EUR											
Certificate	DE000CJ3QFF4	AEGON 3.98TL 0319Z	EUR	0,4600	0,4600	0,4150				0,4150				
Certificate	DE000CE6D7G5	AEGON 4.09TL OPENZ	EUR	0,3300	0,3300	0,2700	1267,0000	5		0,2850	4450			
Certificate	NL0012333843	AEGON 4.21TL OPENH	EUR	0,5500	0,5500	0,5200				0,5200				
Certificate	NL0012369201	AEGON 4.21TL OPENH	EUR	0,5600	0,5600	0,5200				0,5200				
Certificate	DE000CV8AB06	AEGON 4.25TL 1218Z	EUR	0,2100	0,2100	0,1550				0,1550				
Certificate	DE000CY50248	AEGON 4.25TL OPENC	EUR	0,6200	0,6200	0,6200				0,6200				
Certificate	DE000CY16P29	AEGON 4.25TL OPENC	EUR	0,5700	0,5700	0,5600	171,0000	1	0,5600	300				
Certificate	DE000CY16T66	AEGON 4.25TL OPENC	EUR	0,7300	0,7300	0,7300				0,7300				
Certificate	DE000CY50EF7	AEGON 4.25TL OPENC	EUR	0,4500	0,4600	0,4300	5735,0000	4		0,4600	12750			
Certificate	NL0012278790	AEGON 4.27TL OPENB	EUR	0,4050	0,4100	0,3750	9140,0000	3	0,4050	23000				
Certificate	DE000CJ3QG09	AEGON 4.28TL 0319Z	EUR	0,1700	0,1700	0,1250				0,1250				



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	NL0012432041	AEGON 4.42TL OPENH	EUR											
Certificate	NL0012500086	AEGON 4.43TL OPENB	EUR											
Certificate	DE000CE6E6J0	AEGON 4.47TL OPENZ	EUR											
Certificate	LU1573657894	AEGON 4.54TCIOPENS	EUR	0,1100	0,1100	0,1000			0,1000					
Certificate	DE000CJ3P232	AEGON 4.58TL 0319Z	EUR											
Certificate	NL0012501977	AEGON 4.61TL OPENB	EUR											
Certificate	NL0013165376	AEGON 4.61TS OPENB	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	NL0012528509	AEGON 4.62TL OPENH	EUR											
Certificate	LU1573783252	AEGON 4.68TCIOPENS	EUR											
Certificate	LU1573723191	AEGON 4.71TCIOPENS	EUR											
Certificate	DE000CJ3QYW0	AEGON 4.72TS OPENZ	EUR	0,3400	0,3850	0,3400				0,3850				
Certificate	DE000CV8AB14	AEGON 4.75TL 1218Z	EUR											
Certificate	DE000CY51JR9	AEGON 4.75TL OPENC	EUR											
Certificate	DE000CP23N49	AEGON 4.75TS OPENC	EUR	0,5000	0,5000	0,5000				0,5000				
Certificate	NL0012504435	AEGON 4.77TL OPENB	EUR											
Certificate	NL0013164056	AEGON 4.79BS OPENB	EUR	0,4950	0,4950	0,4950				0,4950				
Certificate	NL0012529861	AEGON 4.82TL OPENH	EUR											
Certificate	LU1612296365	AEGON 4.84TCIOPENS	EUR											
Certificate	LU1612632650	AEGON 4.94TCIOPENS	EUR											
Certificate	DE000VL37EK1	AEGON 4.97TL OPENV	EUR											
Certificate	DE000CQ5A0Q7	AEGON 5.25TL OPENC	EUR											
Certificate	LU1876932929	AEGON 5.25TPIOPENS	EUR	0,9100	0,9200	0,9100				0,9200				
Certificate	DE000CP23813	AEGON 5.25TS OPENC	EUR	1,0000	1,0000	1,0000				1,0000				
Certificate	DE000CJ3QH77	AEGON 5.34TS OPENZ	EUR	1,1700	1,2250	1,1700				1,2250				
Certificate	DE000CJ3QGD7	AEGON 5.47TS OPENZ	EUR	1,0800	1,1250	1,0800				1,1250				
Certificate	NL0012494462	AEGON 5.65BOCI218B	EUR	5,5600	5,5800	5,5600				5,5800				
Certificate	LU1876933141	AEGON 5.75TPIOPENS	EUR	1,4100	1,4200	1,4100				1,4200				
Certificate	DE000CQ58DP6	AEGON 5.75TS OPENC	EUR											
Certificate	DE000CP06TN9	AEGON 5.75TS OPENC	EUR	1,4800	1,4800	1,4800				1,4800				
Certificate	NL0011093265	AEGON 5.84TS OPENB	EUR	1,9350	1,9350	1,9350				1,9350				
Certificate	DE000CE6FJC4	AEGON 5.87TS OPENZ	EUR	1,4800	1,5250	1,4800				1,5250				
Certificate	NL0012919567	AEGON 5.91TS OPENH	EUR	2,2000	2,2500	2,2000				2,2500				
Certificate	NL0012586341	AEGON 6.05TS OPENH	EUR	2,3500	2,4000	2,3500				2,4000				
Certificate	DE000CV4ZHP2	AEGON 6.05TS OPENZ	EUR	1,9100	1,9550	1,9100				1,9550				
Certificate	NL0011039953	AEGON 6.17TS OPENH	EUR	2,4800	2,5400	2,4800				2,5400				
Certificate	LU1790583246	AEGON 6.18TPIOPENS	EUR	1,6500	1,6500	1,6500				1,6500				
Certificate	DE000CQ5ANT9	AEGON 6.25TS OPENC	EUR	1,6500	1,6500	1,6500				1,6500				
Certificate	LU1840398264	AEGON 6.35TPIOPENS	EUR	1,9800	1,9800	1,9800				1,9800				
Certificate	NL0012584387	AEGON 6.44TS OPENH	EUR	2,7800	2,8300	2,7800				2,8300				
Certificate	NL0012782577	AEGON 6.58TS OPENB	EUR	2,7350	2,7350	2,7350				2,7350				
Certificate	NL0012605562	AEGON 6.66TS OPENH	EUR	3,0300	3,0800	3,0300				3,0800				
Certificate	NL0012615454	AEGON 6.68TS OPENH	EUR	3,0500	3,1100	3,0500				3,1100				
Certificate	DE000CJ3NVD3	AEGON 6.84TS OPENZ	EUR	2,7400	2,7850	2,7400				2,7850				
Certificate	LU1840398348	AEGON 6.93TPIOPENS	EUR	2,5600	2,5600	2,5600				2,5600				
Certificate	LU1876933497	AEGON 7.25TPIOPENS	EUR	2,9100	2,9100	2,9100				2,9100				
Certificate	NL0012926877	AEGON 7.51TS OPENH	EUR	3,9700	4,0300	3,9700				4,0300				
Certificate	DE000C8AAM1	AEGON 7.75TS OPENC	EUR	1,9900	1,9900	1,9900				1,9900				
Certificate	NL0012539191	AEGON 7.93TS OPENH	EUR	4,4300	4,4900	4,4300				4,4900				
Certificate	NL0012555353	AEGON 8.56TS OPENH	EUR	5,1400	5,1900	5,1400				5,1900				
Certificate	NL0012608988	AEGON 9.23TS OPENH	EUR	5,8800	5,9300	5,8800				5,9300				
Certificate	NL0012849228	AEGON 9.25TS OPENH	EUR	5,9000	5,9600	5,9000				5,9600				
Certificate	NL0011815667	AEGON1.831BL OPENB	EUR	2,6150	2,6150	2,6150				2,6150				
Certificate	NL0011645726	AEGON2.367BL OPENB	EUR	2,0850	2,0850	2,0550	4130,0000	2	2,0850	2000				
Certificate	NL0011907225	AEGON2.635BL OPENB	EUR	1,8250	1,8250	1,8250								
Certificate	DE000CN6JR16	AEGON2.716TL OPENZ	EUR	1,7000	1,7000	1,6550				1,6550				
Certificate	NL0011916796	AEGON2.901BL OPENB	EUR	1,5550	1,5550	1,5550				1,5550				
Certificate	DE000CD624T1	AEGON3.038TL OPENZ	EUR	1,3800	1,3800	1,3350				1,3350				
Certificate	DE000CD63674	AEGON3.197TL OPENZ	EUR	1,2200	1,2200	1,1750				1,1750				
Certificate	DE000CD63898	AEGON3.345TL OPENZ	EUR	1,0700	1,0700	1,0250				1,0250				
Certificate	NL0012028807	AEGON3.431BL OPENB	EUR	1,0250	1,0250	1,0250				1,0250				
Certificate	DE000CD638A1	AEGON3.495TL OPENZ	EUR	0,9200	0,9200	0,8750	616,0000	1	0,8750	700				
Certificate	NL0012029524	AEGON3.694BL OPENB	EUR	0,7650	0,7650	0,7400	16850,0000	2	0,7650	22500				
Certificate	DE000CE6D624	AEGON3.742TL OPENZ	EUR	0,6800	0,6800	0,6350	338,2000	2	0,6350	520				
Certificate	DE000CD63L87	AEGON3.892TL OPENZ	EUR	0,5300	0,5300	0,4850	15100,0000	6	0,4850	30000				
Certificate	NL0012268809	AEGON3.954BL OPENB	EUR	0,5050	0,5050	0,5050				0,5050				
Certificate	DE000VN66RA9	AEGON3.967TL OPENV	EUR	0,7850	0,7850	0,7850				0,7850				
Certificate	DE000VN66RC5	AEGON4.167TL OPENV	EUR	0,5700	0,5800	0,5650	1180,1500	3	0,5750	2052				
Certificate	NL0012276182	AEGON4.214BL OPENB	EUR	0,2450	0,2450	0,2450				0,2450				
Certificate	DE000VN66TW9	AEGON4.258TL OPENV	EUR	0,4000	0,4000	0,3650	1709,0000	3	0,3650	4400				
Certificate	DE000CE6DT50	AEGON4.292TL OPENZ	EUR	0,1400	0,1400	0,0900	1007,5000	5	0,0950	10275				
Certificate	DE000VN66WF8	AEGON4.466TL OPENV	EUR	0,1800	0,1900	0,1650	740,0000	2	0,1650	4000				
Certificate	NL0012488084	AEGON4.473BL 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	DE000CE6E333	AEGON4.493TL OPENZ	EUR											
Certificate	DE000VN9HEW9	AEGON4.606TS OPENV	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	DE000VL2FMQ5	AEGON4.672TL OPENV	EUR											
Certificate	DE000CE6F2N0	AEGON4.691TL OPENZ	EUR											
Certificate	NL0012503130	AEGON4.7298L OPENB	EUR											
Certificate	DE000VL2FWM3	AEGON4.776TL OPENV	EUR											
Certificate	DE000VN9G9W3	AEGON4.807TS OPENV	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	NL0013162274	AEGON4.857TS OPENB	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	DE000VL2FXA6	AEGON4.979TL OPENV	EUR											
Certificate	DE000VN9G7M8	AEGON5.007TS OPENV	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	NL0013159601	AEGON5.0398S OPENB	EUR	0,7450	0,7550	0,7450	3000,0000	1	0,7450	4000				
Certificate	DE000CJ3QTH1	AEGON5.068TS OPENZ	EUR	0,6800	0,7250	0,6800			0,7250					
Certificate	NL0013156540	AEGON5.107TS OPENB	EUR	1,1350	1,1450	1,1350			1,1450					
Certificate	DE000VA9ORP4	AEGON5.211TS OPENV	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	NL0013156029	AEGON5.2888S OPENB	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	NL0013154743	AEGON5.357TS OPENB	EUR	1,4050	1,4250	1,4050	25560,0000	1	1,4150	18000				
Certificate	DE000VA9C308	AEGON5.411TS OPENV	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	NL0013153984	AEGON5.5388S OPENB	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	NL0013009806	AEGON5.607TS OPENB	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000VA7TG05	AEGON5.624TS OPENV	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	NL0011087259	AEGON5.7868S OPENB	EUR	1,5250	1,5250	1,5250			1,5250					
Certificate	NL0012696405	AEGON6.0288S OPENB	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	NL0013000573	AEGON6.097TS OPENB	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	DE000VL5R8W0	AEGON6.213TS OPENV	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	NL0013000425	AEGON6.2768S OPENB	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	DE000CV4ZJ29	AEGON6.372TS OPENZ	EUR	1,9800	2,0250	1,9800			2,0250					
Certificate	DE000VL61EC8	AEGON6.411TS OPENV	EUR	1,6850	1,6850	1,6850			1,6850					
Certificate	NL0013001183	AEGON6.5268S OPENB	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	DE000VA1GMG9	AEGON6.579TS OPENV	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	DE000VA1GN64	AEGON6.776TS OPENV	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	NL0013002488	AEGON6.837TS OPENB	EUR	3,0050	3,0050	3,0050			3,0050					
Certificate	DE000CV88G34	AEGON6.872TS OPENZ	EUR	2,4800	2,5250	2,4800			2,5250					
Certificate	DE000VA1ST56	AEGON6.971TS OPENV	EUR	2,2750	2,2750	2,2750			2,2750					
Certificate	DE000VN61YN9	AEX LEVOPENV	EUR	11,6700	11,6700	11,6700			11,6700					
Certificate	DE000VN61YP4	AEX LEVOPENV	EUR	10,1350	10,1350	10,1350			10,1350					
Certificate	DE000VN61YS8	AEX LEVOPENV	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000VN61YR0	AEX LEVOPENV	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000VN61YT6	AEX LEVOPENV	EUR	1,9350	1,9350	1,9350			1,9350					
Certificate	DE000VN61YM1	AEX LEVOPENV	EUR	12,1400	12,1400	12,1400			12,1400					
Certificate	DE000VN61YQ2	AEX LEVOPENV	EUR	7,9550	7,9550	7,9550			7,9550					
Certificate	DE000VN61YU4	AEX SHROPEV	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	DE000VN61YX8	AEX SHROPEV	EUR	0,7900	0,8650	0,7850	2025,5600	1	0,8650	2564				
Certificate	DE000VN61Y06	AEX SHROPEV	EUR	0,0650	0,0650	0,0650			0,0650					
Certificate	DE000VN61YY6	AEX SHROPEV	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	DE000VN61YW0	AEX SHROPEV	EUR	1,6300	1,7000	1,6300	2445,0000	1	1,7000	1500				
Certificate	DE000VN61Y23	AEX SHROPEV	EUR	0,1750	0,1750	0,1750			0,1750					
Certificate	DE000VA234Q5	AEX SHROPEV	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	DE000VN61YV2	AEX SHROPEV	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	DE000VA545V4	AEX SHROPEV	EUR	16,9850	16,9850	16,9850			16,9850					
Certificate	NL0011219696	AEX STN0123V	EUR											
Certificate	NL0012248330	AEX STN0523V	EUR											
Certificate	NL0012247746	AEX STN0523V	EUR	97,4000	97,4000	97,3500			97,3500					
Certificate	NL0012249775	AEX STN0723V	EUR											
Certificate	NL0010733770	AEX STN0920V	EUR											
Certificate	NL0012236442	AEX 55BON0619Z	EUR	5,3300	5,3400	5,3300			5,3400					
Certificate	NL0012236426	AEX 55BON1218Z	EUR	5,4500	5,4600	5,4500			5,4600					
Certificate	NL0012236459	AEX 58BON0619Z	EUR	5,3500	5,3700	5,3500			5,3700					
Certificate	NL0012236434	AEX 59BON1218Z	EUR	5,5800	5,6600	5,5800			5,6600					
Certificate	NL0012236467	AEX 65BON0619Z	EUR	5,2100	5,2700	5,2100			5,2700					
Certificate	NL0012236525	AEX 0.9PRO0619Z	EUR	94,9000	95,0100	94,9000			95,0100					
Certificate	NL0012236566	AEX 0.9PRO0619Z	EUR	92,4700	92,4900	92,4700			92,4900					
Certificate	NL0009940188	AEX 192TL OPENB	EUR	31,2480	31,2480	31,2480			31,2480					
Certificate	NL0010010450	AEX 206TL OPENB	EUR	29,8920	29,8920	29,8920			29,8920					
Certificate	NL0010010476	AEX 213TL OPENB	EUR	29,2060	29,2060	29,2060			29,2060					
Certificate	NL0010010724	AEX 223TL OPENB	EUR	28,2840	28,2840	28,2840			28,2840					
Certificate	NL0010124681	AEX 226TL OPENB	EUR	27,9460	27,9460	27,9460			27,9460					
Certificate	NL0010174116	AEX 233TL OPENB	EUR	27,2750	27,2750	27,2750			27,2750					
Certificate	NL0010174124	AEX 236TL OPENB	EUR	26,9380	26,9380	26,9380			26,9380					
Certificate	NL0010174546	AEX 246TL OPENB	EUR	25,9430	25,9430	25,9430			25,9430					
Certificate	NL0010174587	AEX 250TL OPENB	EUR	25,5890	25,6040	25,5840	1279,4500	1	25,6040	50				
Certificate	NL0010174595	AEX 253TL OPENB	EUR	25,3190	25,3190	25,3190			25,3190					
Certificate	NL0010175048	AEX 255TL OPENB	EUR	25,0500	25,0500	25,0500			25,0500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0010175337	AEX 259TL OPENB	EUR	24,7220	24,7220	24,7220			24,7220					
Certificate	NL0010175345	AEX 262TL OPENB	EUR	24,3850	24,3850	24,3850			24,3850					
Certificate	NL0010175410	AEX 266TL OPENB	EUR	24,0560	24,0560	24,0560			24,0560					
Certificate	NL0010251708	AEX 269TL OPENB	EUR	23,7230	23,7230	23,7230			23,7230					
Certificate	NL0010252250	AEX 276TL OPENB	EUR	23,0530	23,0530	23,0530			23,0530					
Certificate	NL0010287892	AEX 282TL OPENB	EUR	22,2960	22,2960	22,2960	3344,4000	1	22,3960	150				
Certificate	NL0010440947	AEX 286TL OPENB	EUR	22,0660	22,0660	22,0660			22,0660					
Certificate	NL0010441242	AEX 289TL OPENB	EUR	21,7330	21,7330	21,7330			21,7330					
Certificate	NL0010441259	AEX 293TL OPENB	EUR	21,4020	21,4020	21,4020			21,4020					
Certificate	NL0010441580	AEX 296TL OPENB	EUR	21,0810	21,0810	21,0810			21,0810					
Certificate	NL0010442232	AEX 306TL OPENB	EUR	20,0950	20,0950	20,0950			20,0950					
Certificate	NL0010442240	AEX 309TL OPENB	EUR	19,7730	19,7730	19,7730			19,7730					
Certificate	NL0010442687	AEX 313TL OPENB	EUR	19,4480	19,4480	19,4480			19,4480					
Certificate	NL0010145884	AEX 320TL OPENA	EUR											
Certificate	NL0010515516	AEX 320TL OPENB	EUR	18,6970	18,6970	18,6970			18,6970					
Certificate	NL0010151932	AEX 322TL OPENA	EUR											
Certificate	NL0010515524	AEX 323TL OPENB	EUR	18,3870	18,3870	18,3870			18,3870					
Certificate	NL0010151940	AEX 324TL OPENA	EUR											
Certificate	NL0010155776	AEX 326TL OPENA	EUR											
Certificate	DE000CJ3QX36	AEX 327TL OPENZ	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	NL0011594957	AEX 331TL OPENH	EUR	17,3700	17,3700	17,3700			17,3700					
Certificate	NL0010891560	AEX 333TL OPENB	EUR	17,4850	17,4850	17,4850			17,4850					
Certificate	DE000CX0K9F0	AEX 333TL OPENC	EUR	20,3900	20,3900	20,3900			20,3900					
Certificate	NL0010891586	AEX 337TL OPENB	EUR	17,0570	17,0570	17,0570			17,0570					
Certificate	NL0010891677	AEX 339TL OPENB	EUR	16,8410	16,8410	16,8410			16,8410					
Certificate	NL0010893897	AEX 341TL OPENB	EUR	16,6250	16,6250	16,6250			16,6250					
Certificate	NL0010893905	AEX 344TL OPENB	EUR	16,5780	16,5780	16,4080	1657,8000	1	16,4080	100				
Certificate	NL0011648399	AEX 351TL OPENB	EUR	16,0280	16,0280	15,6830	1987,4700	1	15,6830	124				
Certificate	NL0011649140	AEX 355TL OPENB	EUR	15,2800	15,2800	15,2800			15,2800					
Certificate	NL0011649157	AEX 357TL OPENB	EUR	15,0750	15,0750	15,0750			15,0750					
Certificate	NL0011649173	AEX 361TL OPENB	EUR	14,6680	14,6680	14,6680			14,6680					
Certificate	NL0011649199	AEX 366TL OPENB	EUR	14,2810	14,2810	14,2560	1428,1000	1	14,2560	100				
Certificate	DE000CV87KD7	AEX 367TL OPENZ	EUR	5,5660	5,5660	5,5660			5,5660					
Certificate	NL0011649884	AEX 368TL OPENB	EUR	14,0540	14,0540	14,0540			14,0540					
Certificate	DE000CX00AAQ9	AEX 369TL OPENC	EUR	16,6800	16,6800	16,6800			16,6800					
Certificate	NL0011649900	AEX 370TL OPENB	EUR	13,8480	13,8480	13,8480			13,8480					
Certificate	NL0011650973	AEX 373TL OPENB	EUR	13,5360	13,5360	13,5360			13,5360					
Certificate	NL0011654355	AEX 380TL OPENB	EUR	12,8260	12,8260	12,8260			12,8260					
Certificate	DE000CV3ALZ7	AEX 380TL OPENC	EUR	15,9700	15,9700	15,9700			15,9700					
Certificate	NL0011654371	AEX 384TL OPENB	EUR	12,4120	12,4120	12,4120			12,4120					
Certificate	DE000CJ3QJV3	AEX 385TL 0319Z	EUR	11,5410	11,5410	11,5410			11,5410					
Certificate	NL0011817838	AEX 385TL OPENB	EUR	12,3120	12,3120	12,3120			12,3120					
Certificate	DE000CX00AA09	AEX 390TL OPENC	EUR	14,0900	14,0900	14,0900			14,0900					
Certificate	DE000CJ3N690	AEX 392TL 1218Z	EUR	10,9620	10,9620	10,9620			10,9620					
Certificate	NL0011898721	AEX 392TL OPENB	EUR	11,7020	11,7020	11,7020			11,7020					
Certificate	NL0011901012	AEX 394TL OPENB	EUR	11,5030	11,5030	11,5030			11,5030					
Certificate	NL0011901020	AEX 395TL OPENB	EUR	11,4020	11,4020	11,4020			11,4020					
Certificate	NL0011892641	AEX 395TL OPENH	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	NL0011905054	AEX 399TL OPENB	EUR	10,9590	10,9590	10,9590			10,9590					
Certificate	DE000CX00BG8	AEX 400TL OPENC	EUR	13,4700	13,4700	13,4700			13,4700					
Certificate	DE000CJ3P6C4	AEX 401TL 0319Z	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	NL0011906920	AEX 402TL OPENB	EUR	10,6620	10,6620	10,6620			10,6620					
Certificate	DE000CV506A8	AEX 403TL OPENZ	EUR	4,1710	4,1710	4,1710			4,1710					
Certificate	NL0011906938	AEX 404TL OPENB	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	DE000CX00DD1	AEX 406TL OPENC	EUR	12,3500	12,3500	12,3500			12,3500					
Certificate	DE000CV88BT9	AEX 408TL 1218Z	EUR	9,3640	9,3640	9,3640			9,3640					
Certificate	NL0011906953	AEX 408TL OPENB	EUR	10,0530	10,0530	10,0530			10,0530					
Certificate	DE000CV50699	AEX 408TL OPENZ	EUR	3,9710	3,9710	3,9710			3,9710					
Certificate	DE000CX00KM7	AEX 411TL OPENC	EUR	12,2500	12,2500	12,2500			12,2500					
Certificate	DE000CX01XW7	AEX 412TL OPENC	EUR	11,1200	11,1200	11,1200			11,1200					
Certificate	DE000CX00KP0	AEX 413TL OPENC	EUR	11,9700	11,9700	11,9700			11,9700					
Certificate	DE000CV501P7	AEX 413TL OPENZ	EUR	3,7680	3,7680	3,7680			3,7680					
Certificate	NL0012016752	AEX 414TL OPENB	EUR	9,6730	9,7330	9,4930	8228,0500	2	9,4930	850				
Certificate	NL0013183551	AEX 416TL OPENH	EUR	8,9900	8,9900	8,9900			8,9900					
Certificate	DE000CJ3P2K6	AEX 417TL 0319Z	EUR	8,3390	8,3390	8,3390			8,3390					
Certificate	DE000CV501N2	AEX 418TL OPENZ	EUR	3,5690	3,5690	3,5690			3,5690					
Certificate	NL0012029011	AEX 419TL OPENB	EUR	9,1100	9,1100	9,0000	3416,2500	1	9,0000	375				
Certificate	DE000CX0KW94	AEX 420TL OPENC	EUR	10,8600	10,8600	10,6900	434,4000	1	10,6900	40				
Certificate	NL0012029946	AEX 422TL OPENB	EUR	8,6990	8,6990	8,6990			8,6990					
Certificate	NL0011993001	AEX 423TL OPENH	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	DE000CV4YQC4	AEX 423TL OPENZ	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000CV8AU78	AEX 424TL 1218Z	EUR	7,7670	7,7670	7,7670			7,7670					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012029953	AEX 424TL OPENB	EUR	8,4950	8,4950	8,4950			8,4950					
Certificate	LU1876970424	AEX 425TCIOPENS	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	LU1449143335	AEX 425TL 0133S	EUR											
Certificate	DE000CJ3QWG7	AEX 425TL 0319Z	EUR	7,5400	7,5400	7,5400			7,5400					
Certificate	NL0012031850	AEX 425TL OPENB	EUR	8,4010	8,4010	8,4010			8,4010					
Certificate	DE000CX01UB7	AEX 425TL OPENC	EUR											
Certificate	NL0011992987	AEX 425TL OPENH	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	NL0012036867	AEX 427TL OPENB	EUR	8,5410	8,5410	8,2410	1451,9700	1	8,2410	170				
Certificate	NL0012048334	AEX 428TL OPENH	EUR	7,7900	7,7900	7,7900			7,7900					
Certificate	LU1732548497	AEX 428TL OPENS	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	LU1876970770	AEX 430TCIOPENS	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	DE000CX0KYX9	AEX 430TL OPENC	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	DE000CV42811	AEX 431TL OPENZ	EUR	3,0540	3,0540	3,0540			3,0540					
Certificate	DE000CJ3PH03	AEX 432TL 1218Z	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	NL0012036891	AEX 432TL OPENB	EUR	7,7360	7,7360	7,7360			7,7360					
Certificate	DE000CJ3P6D2	AEX 433TL 0319Z	EUR	6,7410	6,7410	6,7410			6,7410					
Certificate	LU1876970937	AEX 435TCIOPENS	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	NL0012038137	AEX 435TL OPENB	EUR	7,2510	7,4360	7,1660	865,0200	2	7,4360	120				
Certificate	DE000CX0KYJ8	AEX 436TL OPENC	EUR	8,4700	8,4700	8,4700			8,4700					
Certificate	DE000CX59FA8	AEX 436TL OPENC	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	DE000CV42803	AEX 436TL OPENZ	EUR	2,8700	2,8700	2,8540	86,1000	1	2,8540	30				
Certificate	NL0012038921	AEX 438TL OPENB	EUR	7,4720	7,4720	7,1320	2988,8000	2	7,1320	400				
Certificate	DE000CV8A8L8	AEX 440TL 1218Z	EUR	6,1730	6,1730	6,1730			6,1730					
Certificate	DE000CX59HH9	AEX 440TL OPENC	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	DE000CJ3QDH5	AEX 441TL 0319Z	EUR	5,9480	5,9480	5,9480			5,9480					
Certificate	DE000CV4YU09	AEX 441TL OPENZ	EUR	2,6450	2,6450	2,6450			2,6450					
Certificate	DE000CX59F79	AEX 442TL OPENC	EUR											
Certificate	NL0012040216	AEX 444TL OPENB	EUR	6,3380	6,8730	6,3380	6192,4100	4	6,5330	935				
Certificate	DE000CX59HK3	AEX 444TL OPENC	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	DE000CJ3N7A8	AEX 448TL 1218Z	EUR	5,3770	5,3770	5,3770			5,3770					
Certificate	DE000CV4Z7Z5	AEX 448TL OPENZ	EUR	2,3720	2,3720	2,3720			2,3720					
Certificate	DE000CJ3P6E0	AEX 449TL 0319Z	EUR	5,1560	5,1560	5,1560			5,1560					
Certificate	LU1876971158	AEX 450TCIOPENS	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	NL0012099881	AEX 450TL OPENB	EUR	5,9580	5,9580	5,9380	5958,0000	1	5,9380	1000				
Certificate	NL0012099899	AEX 451TL OPENB	EUR	5,8380	5,8380	5,8380			5,8380					
Certificate	NL0012100390	AEX 453TL OPENB	EUR	5,4510	5,6360	5,4410	163,5300	1	5,6360	30				
Certificate	DE000CV4Z7Y8	AEX 453TL OPENZ	EUR	2,1730	2,1730	2,1730			2,1730					
Certificate	DE000CJ3PP45	AEX 453TL OPENZ	EUR	1,1020	1,1020	1,1020			1,1020					
Certificate	NL0012100408	AEX 454TL OPENB	EUR	5,5360	5,5360	5,5360			5,5360					
Certificate	DE000CX59WE5	AEX 454TL OPENC	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	NL0012100705	AEX 455TL OPENB	EUR	5,4370	5,4370	5,4370			5,4370					
Certificate	DE000CV8A9R3	AEX 456TL 1218Z	EUR	4,5770	4,5770	4,5770			4,5770					
Certificate	NL0012108898	AEX 456TL OPENB	EUR	5,3340	5,3340	5,3340			5,3340					
Certificate	DE000CX59XD5	AEX 456TL OPENC	EUR	7,0000	7,0000	6,7100	140,0000	1	6,7100	20				
Certificate	DE000VM9HGH5	AEX 456TL OPENV	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	DE000CJ3P6F7	AEX 457TL 0319Z	EUR	4,3720	4,3720	4,3720			4,3720					
Certificate	DE000CX59X77	AEX 457TL OPENC	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	DE000CV4Z7X0	AEX 458TL OPENZ	EUR	1,9730	1,9730	1,9730			1,9730					
Certificate	DE000CX596J8	AEX 458TS OPENC	EUR											
Certificate	DE000CX595N2	AEX 458TS OPENC	EUR											
Certificate	DE000CX59XF0	AEX 460TL OPENC	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	DE000CX59ZK5	AEX 460TL OPENC	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	DE000VM9HDX9	AEX 460TL OPENV	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	DE000CX598F2	AEX 460TS OPENC	EUR											
Certificate	DE000CX594C8	AEX 460TS OPENC	EUR											
Certificate	DE000CJ3QYR0	AEX 461TL 0319Z	EUR	3,9820	3,9820	3,9820			3,9820					
Certificate	DE000CX59ZL3	AEX 461TL OPENC	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000CX59ZM1	AEX 462TL OPENC	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	NL0012093967	AEX 462TL OPENH	EUR	4,3800	4,4400	4,3800	8760,0000	1	4,4400	2000				
Certificate	DE000VM9HDZ4	AEX 462TL OPENV	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	DE000CY0AJJ9	AEX 463TL OPENC	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	DE000CV4YQ86	AEX 463TL OPENZ	EUR	1,7660	1,7660	1,7660			1,7660					
Certificate	DE000CV888Y0	AEX 464TL 1218Z	EUR	3,7790	3,7790	3,7790			3,7790					
Certificate	DE000CY0AJK7	AEX 464TL OPENC	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	DE000CX59XH6	AEX 464TL OPENC	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	DE000CJ3P2L4	AEX 465TL 0319Z	EUR	3,5960	3,5960	3,5960			3,5960					
Certificate	DE000CY0AKH1	AEX 465TL OPENC	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	DE000CX59ZN9	AEX 465TL OPENC	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000VA8F477	AEX 466TL 0319V	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000CX59ZP4	AEX 466TL OPENC	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	DE000VA8F5A6	AEX 466TL OPENV	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000VA8FZL0	AEX 468TL 0319V	EUR	3,2300	3,2300	3,2300			3,2300					



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	DE000CJ3PPW0	AEX 468TL 1218Z	EUR	3,3810	3,3810	3,3810			3,3810					
Certificate	DE000VA8F2X5	AEX 468TL OPENV	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000CJ3QVH5	AEX 469TL 0319Z	EUR	3,2120	3,2120	3,2120			3,2120					
Certificate	DE000CY0AM05	AEX 469TL OPENC	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	DE000VA71VM3	AEX 469TL OPENV	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	DE000CJ3PJCS	AEX 469TL OPENZ	EUR	1,5510	1,5510	1,5510			1,5510					
Certificate	DE000VA71UW4	AEX 470TL 0319V	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000CY0AKK5	AEX 470TL OPENC	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	DE000CY0AM21	AEX 471TL OPENC	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	DE000VA71VP6	AEX 471TL OPENV	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000VA71UX2	AEX 472TL 0319V	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000CV8A9S1	AEX 472TL 1218Z	EUR	2,9840	2,9840	2,9840			2,9840					
Certificate	LU1876971315	AEX 473TCIOPENS	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000CJ3P6G5	AEX 473TL 0319Z	EUR	2,8260	2,8260	2,8260			2,8260					
Certificate	DE000CY0AM47	AEX 473TL OPENC	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	DE000CY0ANJ1	AEX 473TL OPENC	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	DE000VA71VR2	AEX 473TL OPENV	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000CV4Z7W2	AEX 473TL OPENZ	EUR	1,3400	1,3740	1,3000	398,0000	2	1,3740	300				
Certificate	DE000VA71UY0	AEX 474TL 0319V	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	DE000CY0AM54	AEX 474TL OPENC	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	DE000VN69U8	AEX 474TL OPENV	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	DE000CP07EX8	AEX 475TL 0319C	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	DE000CY0ANE2	AEX 475TL OPENC	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	DE000VA71QV4	AEX 476TL 0319V	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000CJ3PAN1	AEX 476TL 1218Z	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	DE000CY0ANL7	AEX 476TL OPENC	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	DE000VA71R17	AEX 476TL OPENV	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000CJ3QG11	AEX 477TL 0319Z	EUR	2,4470	2,4470	2,4470			2,4470					
Certificate	DE000CY0AW45	AEX 477TL OPENC	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	DE000CP07EW0	AEX 478TL 0319C	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000VA71QW2	AEX 478TL 0319V	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CY0AWK0	AEX 478TL OPENC	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	DE000VA71RK5	AEX 478TL OPENV	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000CV4Z7V4	AEX 478TL OPENZ	EUR	1,1740	1,1740	1,1740			1,1740					
Certificate	DE000CY0AWF0	AEX 479TL OPENC	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	DE000CP07EV2	AEX 480TL 0319C	EUR	1,9000	2,1100	1,9000	214,5000	2	2,1100	110				
Certificate	DE000VA71QX0	AEX 480TL 0319V	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000CV8AKZ9	AEX 480TL 1218Z	EUR	2,4600	2,4600	2,1920	110,7000	1	2,1920	45				
Certificate	DE000CY0AWG8	AEX 480TL OPENC	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	DE000CY0AWL8	AEX 480TL OPENC	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	DE000VA6EBF8	AEX 480TL OPENV	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000CJ3P6H3	AEX 481TL 0319Z	EUR	2,0680	2,0680	2,0680			2,0680					
Certificate	DE000CP07EU4	AEX 482TL 0319C	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000VA71QY8	AEX 482TL 0319V	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000VA8F105	AEX 482TL 1218V	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000CY0AWM6	AEX 482TL OPENC	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	DE000CY0AXA9	AEX 482TL OPENC	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	DE000CY165F9	AEX 482TL OPENC	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	LU1732548570	AEX 482TL OPENS	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	DE000VA6ERG6	AEX 482TL OPENV	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000CJ3QYS8	AEX 483TL 0319Z	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000VA6EBH4	AEX 483TL OPENV	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CP07ET6	AEX 484TL 0319C	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000VA71QZ5	AEX 484TL 0319V	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000CJ3N7B6	AEX 484TL 1218Z	EUR	1,7900	1,8060	1,7900	17900,0000	2	1,8060	10000				
Certificate	DE000CY0AYD1	AEX 484TL OPENC	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	DE000CY165G7	AEX 484TL OPENC	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000VA6EBJ0	AEX 484TL OPENV	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CV4YQA8	AEX 484TL OPENZ	EUR	0,9680	0,9680	0,9680			0,9680					
Certificate	DE000CJ3P8V0	AEX 485TL 0319Z	EUR	1,6930	1,6930	1,6930			1,6930					
Certificate	DE000VA3ZYLO	AEX 485TL 1218V	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000CY0AYE9	AEX 485TL OPENC	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	DE000CY165H5	AEX 485TL OPENC	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000VA6EBK8	AEX 485TL OPENV	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000CP07ES8	AEX 486TL 0319C	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000VA71QO9	AEX 486TL 0319V	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	DE000VA3ZYNG	AEX 486TL 1218V	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CJ3PPX8	AEX 486TL 1218Z	EUR	1,6090	1,6090	1,6090			1,6090					
Certificate	DE000CY165S3	AEX 486TL OPENC	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	DE000VA6EBL6	AEX 486TL OPENV	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000CJ3QW78	AEX 487TL 0319Z	EUR											
Certificate	DE000VA3ZYQ9	AEX 487TL 1218V	EUR	1,4100	1,9000	1,2400	19525,6800	49	1,5100	12576				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY165J1	AEX 4877L OPENC	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000CY165B8	AEX 4877L OPENC	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000VA6EBM4	AEX 4877L OPENV	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	DE000CP07ER0	AEX 4887L 0319C	EUR	1,2800	1,7500	1,2700	303,0000	2		200				
Certificate	DE000VA77D65	AEX 4887L 0319V	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000VA3ZY55	AEX 4887L 1218V	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CY165N3	AEX 4887L OPENC	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000VA6EBN2	AEX 4887L OPENV	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CV4Z7U6	AEX 4887L OPENZ	EUR	0,7740	0,8950	0,7740	837,9000	4	0,7750	1000				
Certificate	DE000CJ3P2M2	AEX 4897L 0319Z	EUR	1,3170	1,3170	1,3170			1,3170					
Certificate	DE000VA3ZYU1	AEX 4897L 1218V	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000CY165Q6	AEX 4897L OPENC	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000VA6EBP7	AEX 4897L OPENV	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	DE000CP06R61	AEX 4907L 0319C	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000VA77CH8	AEX 4907L 0319V	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000VA3ZYW7	AEX 4907L 1218V	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000CJ3PPY6	AEX 4907L 1218Z	EUR	1,0480	1,2560	1,0480	230,4000	2	1,2190	200				
Certificate	DE000CY165K9	AEX 4907L OPENC	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	DE000VA6EBQ5	AEX 4907L OPENV	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000CJ3QWJ1	AEX 4917L 0319Z	EUR											
Certificate	DE000VA3ZY33	AEX 4917L 1218V	EUR	0,9100	1,3300	0,9050	6037,0000	5	1,1300	5400				
Certificate	DE000CY165S2	AEX 4917L OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CY165L7	AEX 4917L OPENC	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	DE000VA6EBR3	AEX 4917L OPENV	EUR	2,0150	2,1850	1,9500	330,1000	2	1,9500	160				
Certificate	DE000CP07EQ2	AEX 4927L 0319C	EUR	1,2100	1,2100	1,0100	121,0000	1	1,0100	100				
Certificate	DE000VA77CLO	AEX 4927L 0319V	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000VA3ZY09	AEX 4927L 1218V	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CJ3N260	AEX 4927L 1218Z	EUR	0,9430	1,4210	0,7770	18485,0300	20	1,0260	16235				
Certificate	NL0012259113	AEX 4927L OPENB	EUR	1,5990	2,1340	1,5940	14889,2000	6	1,7990	7300				
Certificate	DE000CY165W4	AEX 4927L OPENC	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	DE000CJ3P6J9	AEX 4937L 0319Z	EUR											
Certificate	DE000VA3ZY25	AEX 4937L 1218V	EUR	0,7400	1,3150	0,7000	4570,9800	12	0,9400	5080				
Certificate	NL0012259121	AEX 4937L OPENB	EUR	1,6530	2,0680	1,4180	158238,7200	36	1,6980	95237				
Certificate	DE000CY16A42	AEX 4937L OPENC	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000CY165X2	AEX 4937L OPENC	EUR	2,5400	2,8600	2,5100	1350,0000	2	2,5100	500				
Certificate	DE000CP07EP4	AEX 4947L 0319C	EUR											
Certificate	DE000VA77CM8	AEX 4947L 0319V	EUR											
Certificate	DE000VA3ZY41	AEX 4947L 1218V	EUR											
Certificate	DE000CJ3PH11	AEX 4947L 1218Z	EUR											
Certificate	DE000CY16A00	AEX 4947L OPENC	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CV4YQ96	AEX 4947L OPENZ	EUR											
Certificate	NL0011806435	AEX 4958OC1218B	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	DE000CP06R53	AEX 4957L 0319C	EUR											
Certificate	DE000VA8F444	AEX 4957L 0319V	EUR											
Certificate	DE000CJ3QG29	AEX 4957L 0319Z	EUR											
Certificate	DE000VA3ZY66	AEX 4957L 1218V	EUR											
Certificate	DE000CY16A59	AEX 4957L OPENC	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000CY16A18	AEX 4957L OPENC	EUR	2,2600	2,3100	2,2500	226,0000	1	2,3100	100				
Certificate	DE000CP23S44	AEX 4967L 0319C	EUR											
Certificate	DE000CP07EN9	AEX 4967L 0319C	EUR											
Certificate	DE000VA7PW25	AEX 4967L 0319V	EUR											
Certificate	DE000VA3ZY82	AEX 4967L 1218V	EUR											
Certificate	DE000CV8A9U7	AEX 4967L 1218Z	EUR											
Certificate	DE000CP23S28	AEX 4967L OPENC	EUR											
Certificate	DE000CP23S69	AEX 4967L OPENC	EUR											
Certificate	DE000CP23S51	AEX 4977L 0319C	EUR											
Certificate	DE000VA8F2F2	AEX 4977L 0319V	EUR											
Certificate	DE000CJ3P6K7	AEX 4977L 0319Z	EUR											
Certificate	DE000VA3ZZA0	AEX 4977L 1218V	EUR											
Certificate	DE000CY16A67	AEX 4977L OPENC	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	DE000CP23S77	AEX 4977L OPENC	EUR											
Certificate	DE000CP23S36	AEX 4977L OPENC	EUR											
Certificate	DE000CP07EM1	AEX 4987L 0319C	EUR											
Certificate	DE000VA7PW41	AEX 4987L 0319V	EUR											
Certificate	DE000VA3ZZC6	AEX 4987L 1218V	EUR											
Certificate	DE000CJ3PQF3	AEX 4987L 1218Z	EUR											
Certificate	DE000CP23S85	AEX 4987L OPENC	EUR											
Certificate	DE000CY16DQ7	AEX 4987L OPENC	EUR	1,7700	2,0700	1,7700	26681,0000	7	2,0200	14300				
Certificate	DE000CJ3QG37	AEX 4997L 0319Z	EUR											
Certificate	DE000VA3ZZE2	AEX 4997L 1218V	EUR											
Certificate	DE000CP23S93	AEX 4997L OPENC	EUR											
Certificate	DE000CY16DR5	AEX 4997L OPENC	EUR	1,9200	1,9200	1,9200			1,9200					



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	DE000CY16A91	AEX 499TL OPENC	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000VL76CT4	AEX 499TL OPENV	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000CV8BDN8	AEX 499TL OPENZ	EUR											
Certificate	DE000CJ3QW29	AEX 499TL OPENZ	EUR											
Certificate	DE000CP06R46	AEX 500TL 0319C	EUR											
Certificate	DE000VA7PW58	AEX 500TL 0319V	EUR											
Certificate	DE000CP06LJ4	AEX 500TL 1218C	EUR											
Certificate	DE000VA3ZG7	AEX 500TL 1218V	EUR											
Certificate	DE000CJ3PQG1	AEX 500TL 1218Z	EUR											
Certificate	DE000CP23SA3	AEX 500TL OPENC	EUR											
Certificate	DE000CY16DS3	AEX 500TL OPENC	EUR	1,6500	2,1700	1,6500	2551,5000	4	1,8200	1400				
Certificate	DE000VA90TY2	AEX 500TL OPENV	EUR											
Certificate	DE000VL76CU2	AEX 500TL OPENV	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CQ58YE6	AEX 501TL 0319C	EUR											
Certificate	DE000CJ3P6L5	AEX 501TL 0319Z	EUR											
Certificate	DE000CY16E30	AEX 501TL OPENC	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	DE000CP23086	AEX 501TL OPENC	EUR											
Certificate	DE000CY16DT1	AEX 501TL OPENC	EUR	1,9300	2,1700	1,6700	18775,2400	70	1,7100	9461				
Certificate	DE000CP23SB1	AEX 501TL OPENC	EUR											
Certificate	DE000CQ58Y50	AEX 501TL OPENC	EUR											
Certificate	DE000VL9VX62	AEX 501TL OPENV	EUR											
Certificate	DE000VL76CV0	AEX 501TL OPENV	EUR											
Certificate	DE000CQ58YF3	AEX 502TL 0319C	EUR											
Certificate	DE000VA87J51	AEX 502TL 0319V	EUR											
Certificate	DE000VA87GX7	AEX 502TL 1218V	EUR											
Certificate	DE000CP23SC9	AEX 502TL OPENC	EUR											
Certificate	DE000CQ58Y76	AEX 502TL OPENC	EUR											
Certificate	DE000VA87J42	AEX 502TL OPENV	EUR											
Certificate	DE000CJ3QG45	AEX 503TL 0319Z	EUR											
Certificate	DE000CQ58Y84	AEX 503TL OPENC	EUR											
Certificate	DE000CP23094	AEX 503TL OPENC	EUR											
Certificate	DE000CY16DV7	AEX 503TL OPENC	EUR	1,4800	1,5300	1,4800	451,5000	2	1,5100	300				
Certificate	DE000CY16HH7	AEX 503TL OPENC	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	DE000VL76PI7	AEX 503TL OPENV	EUR											
Certificate	DE000VL76CW8	AEX 503TL OPENV	EUR											
Certificate	DE000CQ58YG1	AEX 504TL 0319C	EUR											
Certificate	DE000VA87JU7	AEX 504TL 0319V	EUR											
Certificate	DE000VA87G03	AEX 504TL 1218V	EUR											
Certificate	DE000CQ58Y92	AEX 504TL OPENC	EUR											
Certificate	DE000VA87J59	AEX 504TL OPENV	EUR											
Certificate	DE000CQ58YH9	AEX 505TL 0319C	EUR											
Certificate	DE000VA90U26	AEX 505TL 0319V	EUR											
Certificate	DE000CJ3QKP3	AEX 505TL 0319Z	EUR											
Certificate	DE000CY16HJ3	AEX 505TL OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CP230A3	AEX 505TL OPENC	EUR											
Certificate	DE000CY16HC8	AEX 505TL OPENC	EUR	1,2300	1,7500	1,1600	14095,0000	23	1,3100	10100				
Certificate	DE000CQ58YA4	AEX 505TL OPENC	EUR											
Certificate	LU1732547176	AEX 505TL OPENS	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000VL61QM1	AEX 505TL OPENV	EUR											
Certificate	DE000VN66F12	AEX 505TL OPENV	EUR											
Certificate	DE000CJ3PQJ5	AEX 505TL OPENZ	EUR											
Certificate	DE000CP23SLO	AEX 505TS OPENC	EUR	1,0000	1,0000	0,6500	4445,6000	6	0,6500	5555				
Certificate	DE000CQ58YJ5	AEX 506TL 0319C	EUR											
Certificate	DE000VA87JV5	AEX 506TL 0319V	EUR											
Certificate	DE000VA87G52	AEX 506TL 1218V	EUR											
Certificate	DE000CY15L3	AEX 506TL OPENC	EUR											
Certificate	DE000CY50EC4	AEX 506TL OPENC	EUR											
Certificate	DE000CY16MW6	AEX 506TL OPENC	EUR	1,2600	1,5300	1,1900	793,7500	4	1,1900	575				
Certificate	DE000CY16HD6	AEX 506TL OPENC	EUR	1,0000	1,6400	0,9600	45533,0800	24	1,2100	38970				
Certificate	DE000CY16N05	AEX 506TL OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CQ58YB2	AEX 506TL OPENC	EUR											
Certificate	DE000CY515W0	AEX 506TL OPENC	EUR											
Certificate	DE000VL61QN9	AEX 506TL OPENV	EUR											
Certificate	DE000VA87J67	AEX 506TL OPENV	EUR											
Certificate	DE000CP23763	AEX 507TL OPENC	EUR											
Certificate	DE000CY515M1	AEX 507TL OPENC	EUR											
Certificate	DE000CQ58YCO	AEX 507TL OPENC	EUR											
Certificate	DE000CY515X8	AEX 507TL OPENC	EUR											
Certificate	DE000CY16MX4	AEX 507TL OPENC	EUR	1,0400	1,4200	0,8400	9631,6000	14	1,0900	7690				
Certificate	DE000CP230B1	AEX 507TL OPENC	EUR											
Certificate	DE000CP237S0	AEX 507TL OPENC	EUR											
Certificate	DE000VN66F38	AEX 507TL 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	LU1876971406	AEX 508TCIOPENS	EUR											
Certificate	DE000CP237R2	AEX 508TL 0319C	EUR											
Certificate	DE000VA90WS8	AEX 508TL 0319V	EUR											
Certificate	DE000CY16N13	AEX 508TL OPENC	EUR	1,3800	1,3800	1,3400	138,0000	1	1,3400	100				
Certificate	DE000CY515N9	AEX 508TL OPENC	EUR											
Certificate	DE000CP23771	AEX 508TL OPENC	EUR											
Certificate	DE000CY50JE9	AEX 508TL OPENC	EUR											
Certificate	NL0013184476	AEX 508TL OPENH	EUR											
Certificate	DE000VA90WG3	AEX 508TL OPENV	EUR											
Certificate	DE000CP23SK2	AEX 508TS OPENC	EUR	1,4600	1,4600	1,0100	1197,0000	2	1,2300	850				
Certificate	DE000CP23MW0	AEX 508TS OPENC	EUR											
Certificate	DE000VA90WL3	AEX 509TL 0319V	EUR											
Certificate	DE000CJ3QMS3	AEX 509TL 0319Z	EUR											
Certificate	DE000CY16QE5	AEX 509TL OPENC	EUR	0,7400	1,2900	0,6800	49115,0100	37	0,9100	46541				
Certificate	DE000CP23789	AEX 509TL OPENC	EUR											
Certificate	DE000CP237T8	AEX 509TL OPENC	EUR											
Certificate	NL0013184823	AEX 509TL OPENH	EUR											
Certificate	DE000CP23MV2	AEX 509TS OPENC	EUR											
Certificate	DE000VN9HGE2	AEX 509TS OPENV	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	LU1876971588	AEX 510TCIOPENS	EUR											
Certificate	DE000CP237Q4	AEX 510TL 0319C	EUR											
Certificate	DE000VA90YK1	AEX 510TL 0319V	EUR											
Certificate	DE000CY16R19	AEX 510TL OPENC	EUR											
Certificate	DE000CY16QL0	AEX 510TL OPENC	EUR											
Certificate	DE000CY16QQ9	AEX 510TL OPENC	EUR											
Certificate	DE000CY16N21	AEX 510TL OPENC	EUR											
Certificate	DE000CP23797	AEX 510TL OPENC	EUR											
Certificate	DE000VA90WH1	AEX 510TL OPENV	EUR											
Certificate	DE000CJ3QGU1	AEX 510TL OPENZ	EUR											
Certificate	DE000CP23S14	AEX 510TS 0319C	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000VN9HF50	AEX 510TS 0319V	EUR	0,9000	1,1600	0,7400	1492,6000	6		1,1600	1620			
Certificate	DE000CP23MU4	AEX 510TS OPENC	EUR	1,6000	1,7000	1,1000	10751,0000	10	1,4200	7050				
Certificate	DE000CP23SF2	AEX 510TS OPENC	EUR	1,2400	1,2500	0,7000	13145,6400	9		1,0600	11484			
Certificate	DE000CJ3QX44	AEX 510TS OPENZ	EUR	0,6270	0,6270	0,6270			0,6270					
Certificate	DE000CJ3QRP8	AEX 511TL 0319Z	EUR											
Certificate	DE000CP237U6	AEX 511TL OPENC	EUR											
Certificate	DE000CP237M3	AEX 511TL OPENC	EUR											
Certificate	DE000CP23SH8	AEX 511TS 0319C	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	DE000CJ3QYT6	AEX 511TS 0319Z	EUR	1,2550	1,2550	0,8870	48517,9100	15	0,8870	43800				
Certificate	DE000CP23SE5	AEX 511TS OPENC	EUR	0,9500	1,1400	0,7100	16492,5000	11	1,1400	20432				
Certificate	DE000CP23MT6	AEX 511TS OPENC	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000VN9HGF9	AEX 511TS OPENV	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	LU1876971661	AEX 512TCIOPENS	EUR											
Certificate	DE000CP237P6	AEX 512TL 0319C	EUR											
Certificate	DE000VA90ZR3	AEX 512TL 0319V	EUR											
Certificate	DE000CP237N1	AEX 512TL OPENC	EUR											
Certificate	DE000VA90WJ7	AEX 512TL OPENV	EUR											
Certificate	DE000CP23SG0	AEX 512TS 0319C	EUR	0,9500	1,3100	0,9400	3025,0000	6	1,3100	3000				
Certificate	DE000VN9HF76	AEX 512TS 0319V	EUR	1,0100	1,3600	0,8900	1407,0000	4	1,3600	1300				
Certificate	DE000CP23MS8	AEX 512TS OPENC	EUR	1,8000	1,8000	1,5600	100,8000	2	1,6200	60				
Certificate	DE000CP23SD7	AEX 512TS OPENC	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CP237Y8	AEX 513TL 0319C	EUR											
Certificate	DE000CJ3QRQ6	AEX 513TL 0319Z	EUR											
Certificate	DE000CP237X0	AEX 513TL OPENC	EUR											
Certificate	DE000CP237V4	AEX 513TL OPENC	EUR											
Certificate	DE000CP23MG3	AEX 513TS 0319C	EUR	1,0900	1,4100	1,0900	1988,0000	4	1,4100	1700				
Certificate	DE000CJ3QYU4	AEX 513TS 0319Z	EUR	1,1420	1,4640	1,1420	508,8000	2	1,4640	400				
Certificate	DE000CP23M24	AEX 513TS OPENC	EUR	1,4200	1,5900	0,9600	16886,5000	21	1,3300	14768				
Certificate	DE000CP23MR0	AEX 513TS OPENC	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000VN9HDT7	AEX 513TS OPENV	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	LU1876971745	AEX 514TCIOPENS	EUR											
Certificate	DE000CP23KX2	AEX 514TL 0319C	EUR											
Certificate	DE000VN9G528	AEX 514TL 0319V	EUR											
Certificate	DE000CP23KR4	AEX 514TL OPENC	EUR											
Certificate	LU1732547259	AEX 514TL OPENS	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000VA90ZN2	AEX 514TL OPENV	EUR											
Certificate	DE000CP23MF5	AEX 514TS 0319C	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000VN9HF92	AEX 514TS 0319V	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CP23MQ2	AEX 514TS OPENC	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CP23M16	AEX 514TS OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CP23KY0	AEX 515TL 0319C	EUR											
Certificate	DE000CJ3QRR4	AEX 515TL 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	DE000CP237W2	AEX 515TL OPENC	EUR											
Certificate	DE000CP23KS2	AEX 515TL OPENC	EUR											
Certificate	DE000CJ3QMT1	AEX 515TL OPENZ	EUR											
Certificate	DE000CP23ME8	AEX 515TS 0319C	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CJ3QYV2	AEX 515TS 0319Z	EUR	1,6680	1,6680	1,6680			1,6680					
Certificate	DE000CP23M08	AEX 515TS OPENC	EUR	1,5400	1,5400	1,3200	46710,0000	12	1,5300	32000				
Certificate	DE000CP23MP4	AEX 515TS OPENC	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000VN9HDV3	AEX 515TS OPENV	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000CJ3QVP0	AEX 515TS OPENZ	EUR	0,8270	0,8270	0,6550	5109,1000	9	0,8220	6600				
Certificate	LU1876971828	AEX 516TCIOPENS	EUR											
Certificate	DE000CP23KZ7	AEX 516TL 0319C	EUR											
Certificate	DE000CP23KT0	AEX 516TL OPENC	EUR											
Certificate	DE000VA901K2	AEX 516TL OPENV	EUR											
Certificate	DE000CP23MD0	AEX 516TS 0319C	EUR	1,7200	1,7200	1,6800	13600,0000	3	1,7200	8000				
Certificate	DE000VN9HDP5	AEX 516TS 0319V	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000CP23MN9	AEX 516TS OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CP23LZ5	AEX 516TS OPENC	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CP23L09	AEX 517TL 0319C	EUR											
Certificate	DE000CP23L33	AEX 517TL OPENC	EUR											
Certificate	DE000CP23KU8	AEX 517TL OPENC	EUR											
Certificate	DE000CP23MC2	AEX 517TS 0319C	EUR	1,6000	1,8200	1,6000	800,0000	1	1,8200	500				
Certificate	DE000CJ3QWK9	AEX 517TS 0319Z	EUR	2,0500	2,0500	1,6690	3939,6000	3	1,8720	2300				
Certificate	DE000CP23LY8	AEX 517TS OPENC	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CP23MM1	AEX 517TS OPENC	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	DE000VN9HBN4	AEX 517TS OPENV	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	LU1876972040	AEX 518TCIOPENS	EUR											
Certificate	DE000CP23L17	AEX 518TL 0319C	EUR											
Certificate	DE000CP23KV6	AEX 518TL OPENC	EUR											
Certificate	DE000VA901M8	AEX 518TL OPENV	EUR											
Certificate	DE000CP23MB4	AEX 518TS 0319C	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000VN9HDR1	AEX 518TS 0319V	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CP23LX0	AEX 518TS OPENC	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CP23ML3	AEX 518TS OPENC	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000CP23L25	AEX 519TL 0319C	EUR											
Certificate	DE000CP23L41	AEX 519TL OPENC	EUR											
Certificate	DE000CP23KW4	AEX 519TL OPENC	EUR											
Certificate	LU1732547333	AEX 519TL OPENS	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CP23MA6	AEX 519TS 0319C	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000CJ3QWL7	AEX 519TS 0319Z	EUR	2,0770	2,0770	2,0770			2,0770					
Certificate	DE000CP23LW2	AEX 519TS OPENC	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000CP23MK5	AEX 519TS OPENC	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000VN9HBP9	AEX 519TS OPENV	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	LU1876972123	AEX 520TCIOPENS	EUR											
Certificate	DE000CJ3QP10	AEX 520TL OPENZ	EUR											
Certificate	DE000CP23M99	AEX 520TS 0319C	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000VN9HAL0	AEX 520TS 0319V	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000CP23LV4	AEX 520TS OPENC	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000CP23MJ7	AEX 520TS OPENC	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	DE000CJ3QVQ8	AEX 520TS OPENZ	EUR	1,0240	1,0240	1,0240			1,0240					
Certificate	LU1876972396	AEX 521TCIOPENS	EUR											
Certificate	DE000CP23L58	AEX 521TL OPENC	EUR											
Certificate	DE000CP23M81	AEX 521TS 0319C	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CJ3QW86	AEX 521TS 0319Z	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	DE000CP23MH1	AEX 521TS OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CP23LU6	AEX 521TS OPENC	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000VN9HBR5	AEX 521TS OPENV	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	LU1876838076	AEX 522TCIOPENS	EUR											
Certificate	LU1876972479	AEX 522TCIOPENS	EUR											
Certificate	DE000CP23M73	AEX 522TS 0319C	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000VN9HAN6	AEX 522TS 0319V	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CP23LN1	AEX 522TS OPENC	EUR	2,6900	2,6900	2,6100	500,3400	1	2,6100	186				
Certificate	DE000CP23LT8	AEX 522TS OPENC	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	LU1876838159	AEX 523TCIOPENS	EUR											
Certificate	LU1876972552	AEX 523TCIOPENS	EUR											
Certificate	DE000CP23L66	AEX 523TL OPENC	EUR											
Certificate	DE000CP23M65	AEX 523TS 0319C	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000CJ3QWM5	AEX 523TS 0319Z	EUR	2,4830	2,4830	2,4830			2,4830					
Certificate	DE000CP23LS0	AEX 523TS OPENC	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000CP23LM3	AEX 523TS OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000VN9HBT1	AEX 523TS OPENV	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	DE000CP23M57	AEX 524TS 0319C	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000VA90SY4	AEX 524TS 0319V	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	DE000VN9HAX5	AEX 524TS 0319V	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	DE000CP23LL5	AEX 524TS OPENC	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000CP23LR2	AEX 524TS OPENC	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000CP23M40	AEX 525TS 0319C	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CJ3QWN3	AEX 525TS 0319Z	EUR	2,6860	2,6860	2,6860			2,6860					
Certificate	DE000CP23LQ4	AEX 525TS OPENC	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000CP23LK7	AEX 525TS OPENC	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000VN9G866	AEX 525TS OPENV	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000CJ3QT32	AEX 525TS OPENZ	EUR	1,3140	1,3300	1,0940	18313,2000	10	1,2250	14564				
Certificate	DE000CP23M32	AEX 526TS 0319C	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000VA9C550	AEX 526TS 0319V	EUR											
Certificate	DE000VN9HAY3	AEX 526TS 0319V	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000CP23LP6	AEX 526TS OPENC	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	DE000CP23LI9	AEX 526TS OPENC	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000CP23LE0	AEX 527TS 0319C	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	DE000CP23LH3	AEX 527TS OPENC	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000CP23L90	AEX 527TS OPENC	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000VN9G882	AEX 527TS OPENV	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	DE000CP23LD2	AEX 528TS 0319C	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000VN9G8L8	AEX 528TS 0319V	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000CP23L82	AEX 528TS OPENC	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000CP23LG5	AEX 528TS OPENC	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	DE000CP06QM7	AEX 529TL 0319C	EUR											
Certificate	LU1784827005	AEX 529TL OPENS	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	DE000CP23LC4	AEX 529TS 0319C	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000CJ3QT81	AEX 529TS 0319Z	EUR	3,0960	3,0960	3,0960			3,0960					
Certificate	DE000CP23LF7	AEX 529TS OPENC	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CP23L74	AEX 529TS OPENC	EUR	3,0000	3,2000	2,4600	367523,7000	439	2,9100	130056				
Certificate	DE000VN9G9A9	AEX 529TS OPENV	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	NL0013110398	AEX 530BON0619Z	EUR	51,2800	51,3700	51,2800			51,3700					
Certificate	NL0013110406	AEX 530BON0919Z	EUR	50,5900	50,6900	50,5900			50,6900					
Certificate	DE000CQ5BQ52	AEX 530TL 1218C	EUR											
Certificate	DE000CP23LB6	AEX 530TS 0319C	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	DE000VN9G8N4	AEX 530TS 0319V	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000CJ3QR59	AEX 530TS OPENZ	EUR	1,4580	1,4600	1,4250	576,0000	2	1,4250	395				
Certificate	LU1860130696	AEX 531TPIOPENS	EUR											
Certificate	DE000CP23LA8	AEX 531TS 0319C	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	DE000CJ3QT99	AEX 531TS 0319Z	EUR	3,3050	3,3050	3,3050			3,3050					
Certificate	DE000CP231P9	AEX 531TS OPENC	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000CP23177	AEX 531TS OPENC	EUR	3,0500	3,0800	2,7700	1459,5000	3	3,0800	510				
Certificate	NL0013180797	AEX 531TS OPENH	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000VN9G9B7	AEX 531TS OPENV	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	LU1876841377	AEX 532TPIOPENS	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	LU1860130779	AEX 532TPIOPENS	EUR											
Certificate	DE000CP231G8	AEX 532TS 0319C	EUR	3,6100	3,6100	3,3600	1444,0000	1	3,3600	400				
Certificate	DE000CP07E08	AEX 532TS 0319C	EUR											
Certificate	DE000VA9C5X0	AEX 532TS 0319V	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	DE000CP23169	AEX 532TS OPENC	EUR	3,1400	3,1800	3,1400	31,4000	1	3,1800	10				
Certificate	DE000CJ3QUA4	AEX 533TS 0319Z	EUR	3,5060	3,5060	3,5060			3,5060					
Certificate	DE000CP23151	AEX 533TS OPENC	EUR	3,2400	3,2800	3,2400	32,4000	1	3,2800	10				
Certificate	DE000CP07ED0	AEX 533TS OPENC	EUR											
Certificate	DE000CP231N4	AEX 533TS OPENC	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000CP231F0	AEX 534TS 0319C	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	DE000VA9C5Z5	AEX 534TS 0319V	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000CP23144	AEX 534TS OPENC	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	DE000CP06T02	AEX 534TS OPENC	EUR											
Certificate	DE000CP06T85	AEX 535TS 0319C	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000CJ3QDK9	AEX 535TS 0319Z	EUR	3,3460	3,7090	3,3460	5688,2000	1	3,7090	1700				
Certificate	DE000CP06S25	AEX 535TS OPENC	EUR											
Certificate	DE000CP231M6	AEX 535TS OPENC	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000CP06TF5	AEX 535TS OPENC	EUR											
Certificate	DE000CJ3N1E3	AEX 535TS OPENZ	EUR	4,2240	4,2240	4,2240			4,2240					
Certificate	DE000CQ5ANH4	AEX 536TL OPENC	EUR											
Certificate	DE000VA71Q58	AEX 536TS 0319V	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000VA71QP6	AEX 536TS 1218V	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	DE000CP06SY8	AEX 536TS OPENC	EUR	3,5000	3,5000	2,9600	9745,6000	6	3,2700	3010				
Certificate	DE000CQ5ANC5	AEX 537TL OPENC	EUR											
Certificate	DE000CQ5ANJ0	AEX 537TL OPENC	EUR											
Certificate	DE000VA8FSK5	AEX 537TS 0319V	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000CJ3QCK1	AEX 537TS 0319Z	EUR	3,9150	3,9150	3,9150			3,9150					
Certificate	DE000CP06SX0	AEX 537TS OPENC	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000VA71RE8	AEX 537TS OPENV	EUR	4,3200	4,3200	4,3200			4,3200					



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	DE000CP06T77	AEX 538TS 0319C	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	DE000VA71Q66	AEX 538TS 0319V	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000VA71QQ4	AEX 538TS 1218V	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000CJ3PD98	AEX 538TS 1218Z	EUR	3,8270	3,8270	3,8270			3,8270					
Certificate	DE000CP06TE8	AEX 538TS OPENC	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	DE000CP06SW2	AEX 538TS OPENC	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	LU1784827187	AEX 539TL OPENS	EUR	0,0300	0,0300	0,0300			0,0300					
Certificate	DE000VA710Y8	AEX 539TS 0319V	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	DE000CJ3Q8X6	AEX 539TS 0319Z	EUR	4,1160	4,1160	4,1160			4,1160					
Certificate	DE000VA71RF5	AEX 539TS OPENV	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	NL0013110349	AEX 540BOC0919Z	EUR	50,4500	50,5700	50,4500			50,5700					
Certificate	NL0012648612	AEX 540BON0619Z	EUR	52,5600	52,6200	52,5600			52,6200					
Certificate	NL0012648604	AEX 540BON1218Z	EUR	53,6900	53,7300	53,6900			53,7300					
Certificate	NL0012648638	AEX 540BON1219Z	EUR	52,3500	52,4100	52,3500			52,4100					
Certificate	NL0013110414	AEX 540BON1219Z	EUR	50,6000	50,7600	50,6000			50,7600					
Certificate	DE000CP06T69	AEX 540TS 0319C	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	DE000VA71Q74	AEX 540TS 0319V	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	DE000VA71QR2	AEX 540TS 1218V	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000CP06SU6	AEX 540TS OPENC	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000CP06TD0	AEX 540TS OPENC	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	LU1732547689	AEX 540TS OPENS	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	DE000CJ3N1F0	AEX 540TS OPENZ	EUR	4,7290	4,7290	4,7290			4,7290					
Certificate	DE000CJ3P2T7	AEX 541TS 0319Z	EUR	4,3210	4,3210	4,3210			4,3210					
Certificate	DE000CP06S78	AEX 541TS OPENC	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000VA71RG3	AEX 541TS OPENV	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	DE000CP06T51	AEX 542TS 0319C	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000VA71Q82	AEX 542TS 0319V	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	DE000VA71Q50	AEX 542TS 1218V	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	DE000CJ3N7H3	AEX 542TS 1218Z	EUR	4,2250	4,2250	4,2250			4,2250					
Certificate	DE000CP06TC2	AEX 542TS OPENC	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	DE000CP06S50	AEX 542TS OPENC	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	LU1840959479	AEX 543TPIOpens	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000CJ3P2U5	AEX 543TS 0319Z	EUR	4,5240	4,5240	4,5240			4,5240					
Certificate	DE000CP06SR2	AEX 543TS OPENC	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	DE000VA71RH1	AEX 543TS OPENV	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	DE000VA3TKW9	AEX 544TL OPENV	EUR											
Certificate	DE000VA71Q90	AEX 544TS 0319V	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000VA71QT8	AEX 544TS 1218V	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	DE000CJ3PD07	AEX 544TS 1218Z	EUR	4,4250	4,4250	4,4250			4,4250					
Certificate	DE000CP06SQ4	AEX 544TS OPENC	EUR	4,2700	4,2700	4,0700	854,0000	1	4,0700	200				
Certificate	NL0012795421	AEX 545DIS0619Z	EUR	48,6800	48,8800	48,6800			48,8800					
Certificate	DE000CQ58MH4	AEX 545TL OPENC	EUR											
Certificate	DE000CP06SP6	AEX 545TS 0319C	EUR	4,7400	4,7400	4,6900	474,0000	1	4,6900	100				
Certificate	DE000VA71Y58	AEX 545TS 0319V	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	DE000CJ3P2V3	AEX 545TS 0319Z	EUR	4,7250	4,7250	4,7250			4,7250					
Certificate	DE000CP06SN1	AEX 545TS OPENC	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000CP06TB4	AEX 545TS OPENC	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000VA77CW7	AEX 545TS OPENV	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	DE000CJ3N2Z9	AEX 545TS OPENZ	EUR	5,2280	5,2280	5,2280			5,2280					
Certificate	DE000CQ5AY69	AEX 546TL OPENC	EUR											
Certificate	DE000CQ58MJ0	AEX 546TL OPENC	EUR											
Certificate	DE000CY52DQ2	AEX 546TL OPENC	EUR											
Certificate	DE000VA1SVV4	AEX 546TL OPENV	EUR											
Certificate	DE000CP06SM3	AEX 546TS 0319C	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	DE000VA77D40	AEX 546TS 1218V	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	DE000CJ3N286	AEX 546TS 1218Z	EUR	4,6250	4,6250	4,6250			4,6250					
Certificate	DE000CP06S94	AEX 546TS OPENC	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	DE000CP06SJ9	AEX 546TS OPENC	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	DE000CQ5AY77	AEX 547TL OPENC	EUR											
Certificate	DE000CY52DR0	AEX 547TL OPENC	EUR											
Certificate	DE000CQ58MK8	AEX 547TL OPENC	EUR											
Certificate	DE000VA77EB7	AEX 547TS 0319V	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	DE000CJ3P2W1	AEX 547TS 0319Z	EUR	4,9290	4,9290	4,9290			4,9290					
Certificate	DE000CP06S86	AEX 547TS OPENC	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	DE000CP06SH3	AEX 547TS OPENC	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	DE000CY528L6	AEX 547TS OPENC	EUR											
Certificate	DE000VA77CX5	AEX 547TS OPENV	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	DE000VA4RMV9	AEX 548TL 1218V	EUR											
Certificate	DE000CQ5AVV8	AEX 548TL OPENC	EUR											
Certificate	DE000CQ5AY85	AEX 548TL OPENC	EUR											
Certificate	DE000CQ58ML6	AEX 548TL OPENC	EUR											
Certificate	DE000CY52DS8	AEX 548TL 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	DE000CP06SL5	AEX 548TS 0319C	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	DE000VA77CR7	AEX 548TS 0319V	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	DE000VA77B26	AEX 548TS 1218V	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	DE000CJ3N294	AEX 548TS 1218Z	EUR	4,8250	4,8250	4,8250			4,8250					
Certificate	DE000CP06SG5	AEX 548TS OPENC	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CY528K8	AEX 548TS OPENC	EUR											
Certificate	DE000CP06S78	AEX 548TS OPENC	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	DE000CQ58MM4	AEX 549TL OPENC	EUR											
Certificate	DE000CY52DT6	AEX 549TL OPENC	EUR											
Certificate	DE000CQ5AY93	AEX 549TL OPENC	EUR											
Certificate	DE000CQ5AVW6	AEX 549TL OPENC	EUR											
Certificate	DE000CJ3P6N1	AEX 549TS 0319Z	EUR	5,1340	5,1340	5,1340			5,1340					
Certificate	DE000CP068Q3	AEX 549TS 1218C	EUR											
Certificate	DE000CY528J0	AEX 549TS OPENC	EUR											
Certificate	DE000CP068X9	AEX 549TS OPENC	EUR											
Certificate	DE000CP06S60	AEX 549TS OPENC	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	DE000CP06SF7	AEX 549TS OPENC	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	DE000CP068C3	AEX 549TS OPENC	EUR											
Certificate	DE000VA77CY3	AEX 549TS OPENV	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	NL0012795868	AEX 5508ON0619Z	EUR	49,5400	49,8200	49,5400			49,8200					
Certificate	NL0012795447	AEX 550DIS1219Z	EUR	47,9200	48,1200	47,9200			48,1200					
Certificate	DE000CQ5AYP4	AEX 550TL OPENC	EUR											
Certificate	DE000CQ5AYE8	AEX 550TL OPENC	EUR											
Certificate	DE000CQ5AVX4	AEX 550TL OPENC	EUR											
Certificate	DE000CQ58CW4	AEX 550TL OPENC	EUR											
Certificate	DE000CP06SK7	AEX 550TS 0319C	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	DE000VA77CT3	AEX 550TS 0319V	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	DE000CP068P5	AEX 550TS 1218C	EUR											
Certificate	DE000VA77B42	AEX 550TS 1218V	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	DE000CJ3N104	AEX 550TS 1218Z	EUR	5,0250	5,0250	5,0250			5,0250					
Certificate	DE000CP066Y1	AEX 550TS OPENC	EUR											
Certificate	DE000CY527G8	AEX 550TS OPENC	EUR											
Certificate	DE000CP06SE0	AEX 550TS OPENC	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000CP06S52	AEX 550TS OPENC	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	DE000CP068W1	AEX 550TS OPENC	EUR											
Certificate	DE000CQ58KA3	AEX 550TS OPENC	EUR											
Certificate	NL0012895908	AEX 550TS OPENH	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	DE000CQ58CS2	AEX 551TL OPENC	EUR											
Certificate	DE000CQ5AYF5	AEX 551TL OPENC	EUR											
Certificate	DE000CQ58CX2	AEX 551TL OPENC	EUR											
Certificate	DE000CP06SD2	AEX 551TS OPENC	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	DE000CP068V3	AEX 551TS OPENC	EUR											
Certificate	DE000CP06S45	AEX 551TS OPENC	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	NL0012895890	AEX 551TS OPENH	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000VA77CZ0	AEX 551TS OPENV	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	DE000CQ58CT0	AEX 552TL OPENC	EUR											
Certificate	DE000CQ58CY0	AEX 552TL OPENC	EUR											
Certificate	DE000CP06S11	AEX 552TS 0319C	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	DE000VA77CV9	AEX 552TS 0319V	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	DE000VA77B59	AEX 552TS 1218V	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	DE000CJ3N112	AEX 552TS 1218Z	EUR	5,2250	5,2250	5,2250			5,2250					
Certificate	DE000CP06S37	AEX 552TS OPENC	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000CP06SC4	AEX 552TS OPENC	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	DE000CV889D2	AEX 552TS OPENZ	EUR	2,2890	2,3720	2,2890	32067,9900	6	2,3720	14000				
Certificate	DE000CQ58BD48	AEX 553TL OPENC	EUR											
Certificate	DE000CQ58CU8	AEX 553TL OPENC	EUR											
Certificate	DE000CP06S03	AEX 553TS 0319C	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	DE000CJ3P2X9	AEX 553TS 0319Z	EUR	5,5340	5,5340	5,5340			5,5340					
Certificate	DE000CP06S29	AEX 553TS OPENC	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	DE000CP06S86	AEX 553TS OPENC	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	DE000VA77PM2	AEX 553TS OPENV	EUR	5,6200	5,9200	5,6200	67,4400	1	5,9200	12				
Certificate	DE000CQ58CV6	AEX 554TL OPENC	EUR											
Certificate	DE000CP06RZ7	AEX 554TS 0319C	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	DE000VA77XE9	AEX 554TS 0319V	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	DE000VA77B75	AEX 554TS 1218V	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	DE000CJ3NZ27	AEX 554TS 1218Z	EUR	5,4240	5,4240	5,4240			5,4240					
Certificate	DE000CP06SA8	AEX 554TS OPENC	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	DE000CY528B7	AEX 554TS OPENC	EUR											
Certificate	NL0012903744	AEX 554TS OPENH	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	LU1732547416	AEX 554TS OPENS	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CQ58G37	AEX 555TL OPENC	EUR											
Certificate	DE000CQ58D14	AEX 555TL 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	DE000VA7PXG4	AEX 555TS 0319V	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	DE000CP068J8	AEX 555TS 1218C	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	DE000CP068R1	AEX 555TS OPENC	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	DE000CP066G8	AEX 555TS OPENC	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	DE000CQ58G78	AEX 556TL OPENC	EUR											
Certificate	DE000CQ58G45	AEX 556TL OPENC	EUR											
Certificate	DE000VA7PXJ8	AEX 556TS 0319V	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	DE000CP06701	AEX 556TS 1218C	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	DE000VA6D8D8	AEX 556TS 1218V	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000CJ3NZ03	AEX 556TS 1218Z	EUR	5,6240	5,6240	5,6240			5,6240					
Certificate	DE000CP066F0	AEX 556TS OPENC	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	DE000CP06727	AEX 556TS OPENC	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	DE000VA6D765	AEX 556TS OPENV	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	DE000CQ58G86	AEX 557TL OPENC	EUR											
Certificate	DE000CJ3P6P6	AEX 557TS 0319Z	EUR	5,9390	5,9390	5,9390			5,9390					
Certificate	DE000CP066Z8	AEX 557TS 1218C	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	DE000CP06719	AEX 557TS OPENC	EUR	5,2500	5,2500	5,2500	997,5000	1	5,2500	190				
Certificate	DE000CP066E3	AEX 557TS OPENC	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000VA6D773	AEX 557TS OPENV	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	DE000CV88862	AEX 557TS OPENZ	EUR	2,5690	2,5690	2,5690			2,5690					
Certificate	DE000VA7PXL4	AEX 558TS 0319V	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	DE000CP066N4	AEX 558TS 1218C	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	DE000VA6D8E6	AEX 558TS 1218V	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000CV88AD5	AEX 558TS 1218Z	EUR	5,8260	5,8260	5,8260			5,8260					
Certificate	DE000CP066V7	AEX 558TS OPENC	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	DE000CP066D5	AEX 558TS OPENC	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000VA6D781	AEX 558TS OPENV	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	DE000CQ58GX3	AEX 559TS OPENC	EUR											
Certificate	DE000CP066U9	AEX 559TS OPENC	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	DE000CP066C7	AEX 559TS OPENC	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	DE000VA6D5E2	AEX 559TS OPENV	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	DE000CP066M6	AEX 560TS 1218C	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	DE000VA6D8F3	AEX 560TS 1218V	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	DE000CJ3NYG0	AEX 560TS 1218Z	EUR	6,0240	6,0240	6,0240			6,0240					
Certificate	DE000CQ58GW5	AEX 560TS OPENC	EUR											
Certificate	DE000CP066B9	AEX 560TS OPENC	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000CP066T1	AEX 560TS OPENC	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	DE000VA6D5F9	AEX 560TS OPENV	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	DE000VA7PVT1	AEX 561TS 0319V	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000CJ3P2Y7	AEX 561TS 0319Z	EUR	6,3440	6,3440	6,3440			6,3440					
Certificate	DE000CP066A1	AEX 561TS OPENC	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000CP066S3	AEX 561TS OPENC	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000VA6D5G7	AEX 561TS OPENV	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	DE000VA7PVU9	AEX 562TS 0319V	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	DE000CP066L8	AEX 562TS 1218C	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	DE000VA6D5W4	AEX 562TS 1218V	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	DE000CJ3NYH8	AEX 562TS 1218Z	EUR	6,2240	6,2240	6,2240			6,2240					
Certificate	DE000CP066R5	AEX 562TS OPENC	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CP06693	AEX 562TS OPENC	EUR	6,1400	6,1400	6,1400			6,1400					
Certificate	DE000VA6D5H5	AEX 562TS OPENV	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000CV8AUM6	AEX 562TS OPENZ	EUR	2,7750	2,7750	2,7750			2,7750					
Certificate	DE000VA7PRH4	AEX 563TS 0319V	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	DE000CP06487	AEX 563TS OPENC	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	DE000CP066Q7	AEX 563TS OPENC	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	DE000VA6D5J1	AEX 563TS OPENV	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	DE000VA7PRK8	AEX 564TS 0319V	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	DE000CP066K0	AEX 564TS 1218C	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	DE000VA6D5X2	AEX 564TS 1218V	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	DE000CJ3NVY9	AEX 564TS 1218Z	EUR	6,4240	6,4240	6,4240			6,4240					
Certificate	DE000CP06479	AEX 564TS OPENC	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	DE000CP066P9	AEX 564TS OPENC	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	NL0012937783	AEX 564TS OPENH	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	DE000VA6D5K9	AEX 564TS OPENV	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	NL0013148711	AEX 5658OC1219B	EUR	4,9700	5,0300	4,9700			5,0300					
Certificate	DE000CP06R79	AEX 565TS 0319C	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000CJ3P6Q4	AEX 565TS 0319Z	EUR	6,7470	6,7470	6,7470			6,7470					
Certificate	DE000CP06461	AEX 565TS OPENC	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	DE000CV52UM5	AEX 565TS OPENC	EUR											
Certificate	DE000VA7PRM4	AEX 566TS 0319V	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	DE000CQ58ST6	AEX 566TS 1218C	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	DE000VASRFZ1	AEX 566TS 1218V	EUR	6,5900	6,5900	6,5900			6,5900					
Certificate	DE000CV88BN3	AEX 566TS 1218Z	EUR	6,6240	6,6240	6,6240			6,6240					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP06453	AEX 566TS OPENC	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	DE000CV525R8	AEX 566TS OPENC	EUR											
Certificate	DE000CP06R87	AEX 567TS 0319C	EUR	6,9100	6,9100	6,9100				6,9100				
Certificate	DE000VASRF00	AEX 567TS 1218V	EUR	6,6900	6,6900	6,6900				6,6900				
Certificate	NL0012792329	AEX 567TS OPENB	EUR	7,7090	7,7090	7,7090				7,7090				
Certificate	DE000CP06446	AEX 567TS OPENC	EUR	6,6300	6,6300	6,6300				6,6300				
Certificate	DE000CQ585P4	AEX 567TS OPENC	EUR	6,1100	6,1100	6,1100				6,1100				
Certificate	DE000CV525Q0	AEX 567TS OPENC	EUR											
Certificate	DE000VASR8B0	AEX 567TS OPENV	EUR	7,0800	7,0800	7,0800				7,0800				
Certificate	DE000CV4YQH3	AEX 567TS OPENZ	EUR	2,9750	2,9750	2,9750				2,9750				
Certificate	DE000VA7PRQ5	AEX 568TS 0319V	EUR	7,0200	7,0200	7,0200				7,0200				
Certificate	DE000CQ585S8	AEX 568TS 1218C	EUR	6,8100	6,8100	6,8100				6,8100				
Certificate	DE000VASRF18	AEX 568TS 1218V	EUR	6,7900	6,7900	6,7900				6,7900				
Certificate	DE000CV888P8	AEX 568TS 1218Z	EUR	6,8240	6,8240	6,8240				6,8240				
Certificate	DE000CQ585N9	AEX 568TS OPENC	EUR	6,2200	6,2200	6,2200				6,2200				
Certificate	DE000CP06438	AEX 568TS OPENC	EUR	6,7300	6,7300	6,7300				6,7300				
Certificate	DE000VASRGC8	AEX 568TS OPENV	EUR	7,1800	7,1800	7,1800				7,1800				
Certificate	DE000CP06R95	AEX 569TS 0319C	EUR	7,1100	7,1100	7,1100				7,1100				
Certificate	DE000CJ3P6R2	AEX 569TS 0319Z	EUR	7,1500	7,1500	7,1500				7,1500				
Certificate	DE000VASRF26	AEX 569TS 1218V	EUR	6,8900	6,8900	6,8900				6,8900				
Certificate	DE000CP06420	AEX 569TS OPENC	EUR	6,8300	6,8300	6,8300				6,8300				
Certificate	DE000CQ585M1	AEX 569TS OPENC	EUR	6,3100	6,3100	6,3100				6,3100				
Certificate	DE000VASRDS1	AEX 569TS OPENV	EUR	7,2700	7,2700	7,2700				7,2700				
Certificate	NL0012795157	AEX 570BOC0319Z	EUR	54,9900	54,9900	54,9900				54,9900				
Certificate	NL0012795876	AEX 570BON0919Z	EUR	49,2200	49,2200	49,2200				49,2200				
Certificate	DE000CP06RA0	AEX 570TS 0319C	EUR	7,2100	7,2100	7,2100				7,2100				
Certificate	DE000VA7PRR3	AEX 570TS 0319V	EUR	7,2200	7,2200	7,2200				7,2200				
Certificate	DE000CQ585R0	AEX 570TS 1218C	EUR	7,0100	7,0100	7,0100				7,0100				
Certificate	DE000VASRF34	AEX 570TS 1218V	EUR	6,9900	6,9900	6,9900				6,9900				
Certificate	DE000CV8AXC1	AEX 570TS 1218Z	EUR	7,0240	7,0240	7,0240				7,0240				
Certificate	DE000CQ58CA0	AEX 570TS OPENC	EUR											
Certificate	DE000CQ58SL3	AEX 570TS OPENC	EUR	6,4100	6,4100	6,4100				6,4100				
Certificate	DE000CP06412	AEX 570TS OPENC	EUR	6,9300	6,9300	6,9300				6,9300				
Certificate	DE000CQ58C07	AEX 570TS OPENC	EUR											
Certificate	DE000CQ58BH7	AEX 570TS OPENC	EUR											
Certificate	DE000VASRDT9	AEX 570TS OPENV	EUR	7,3700	7,3700	7,3700				7,3700				
Certificate	DE000CE6C2Q6	AEX 570TS OPENZ	EUR	7,7650	7,7650	7,7650				7,7650				
Certificate	DE000CP06RB8	AEX 571TS 0319C	EUR	7,3100	7,3100	7,3100				7,3100				
Certificate	DE000VASRF42	AEX 571TS 1218V	EUR	7,0900	7,0900	7,0900				7,0900				
Certificate	DE000CQ58566	AEX 571TS OPENC	EUR	6,5000	6,5000	6,5000				6,5000				
Certificate	DE000CP06404	AEX 571TS OPENC	EUR	7,0300	7,0300	7,0300				7,0300				
Certificate	NL0012535868	AEX 571TS OPENH	EUR	7,8300	7,9600	7,5500	17937,0000	4		2300				
Certificate	DE000VASRDU7	AEX 571TS OPENV	EUR	7,4700	7,4700	7,4700				7,4700				
Certificate	DE000VA7PRS1	AEX 572TS 0319V	EUR	7,4200	7,4200	7,4200				7,4200				
Certificate	DE000CQ58582	AEX 572TS 1218C	EUR	7,2100	7,2100	7,2100				7,2100				
Certificate	DE000VASRC45	AEX 572TS 1218V	EUR	7,1900	7,1900	7,1900				7,1900				
Certificate	DE000CV8AW68	AEX 572TS 1218Z	EUR	7,2240	7,2240	7,2240				7,2240				
Certificate	NL0012982995	AEX 572TS OPENB	EUR	8,2200	8,2200	8,2200				8,2200				
Certificate	DE000CQ58558	AEX 572TS OPENC	EUR	6,6000	6,6000	6,6000				6,6000				
Certificate	DE000CP063Z5	AEX 572TS OPENC	EUR	7,1300	7,1300	7,1300				7,1300				
Certificate	DE000VASRDV5	AEX 572TS OPENV	EUR	7,5800	7,5800	7,5800				7,5800				
Certificate	DE000CP06RC6	AEX 573TS 0319C	EUR	7,5100	7,5100	7,5100				7,5100				
Certificate	DE000VASRC60	AEX 573TS 1218V	EUR	7,2900	7,2900	7,2900				7,2900				
Certificate	DE000CP063Y8	AEX 573TS OPENC	EUR	7,2300	7,2300	7,2300				7,2300				
Certificate	DE000VASRDW3	AEX 573TS OPENV	EUR	7,6800	7,6800	7,6800				7,6800				
Certificate	DE000VA7PRT9	AEX 574TS 0319V	EUR	7,6200	7,6200	7,6200				7,6200				
Certificate	DE000VASRC52	AEX 574TS 1218V	EUR	7,3900	7,3900	7,3900				7,3900				
Certificate	DE000CV8B6Z1	AEX 574TS 1218Z	EUR	7,4240	7,4240	7,4240				7,4240				
Certificate	DE000CP063X0	AEX 574TS OPENC	EUR	7,3300	7,3300	7,3300				7,3300				
Certificate	DE000VASRDX1	AEX 574TS OPENV	EUR	7,7800	7,7800	7,7800				7,7800				
Certificate	NL0012795439	AEX 575DIS0619Z	EUR	48,9300	49,1300	48,9300				49,1300				
Certificate	DE000CP06RD4	AEX 575TS 0319C	EUR	7,7100	7,7100	7,7100				7,7100				
Certificate	DE000CQ58574	AEX 575TS 1218C	EUR	7,5100	7,5100	7,5100				7,5100				
Certificate	DE000VASRC78	AEX 575TS 1218V	EUR	7,4900	7,4900	7,4900				7,4900				
Certificate	DE000CV4YU33	AEX 575TS OPENZ	EUR	3,3070	3,3070	3,3070				3,3070				
Certificate	DE000VA7PRU7	AEX 576TS 0319V	EUR	7,8200	7,8200	7,8200				7,8200				
Certificate	DE000VASRC86	AEX 576TS 1218V	EUR	7,5900	7,5900	7,5900				7,5900				
Certificate	DE000CV8B6E6	AEX 576TS 1218Z	EUR	7,6240	7,6240	7,6240				7,6240				
Certificate	DE000VA6D3M0	AEX 576TS OPENV	EUR	8,1200	8,1200	8,1200				8,1200				
Certificate	DE000CP06RE2	AEX 577TS 0319C	EUR	7,9100	7,9100	7,9100				7,9100				
Certificate	DE000CJ3P2Z4	AEX 577TS 0319Z	EUR	7,9560	7,9560	7,9560				7,9560				
Certificate	DE000VA3ZXA5	AEX 577TS 1218V	EUR	7,6900	7,6900	7,6900				7,6900				



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	DE000VA7PRV5	AEX 578TS 0319V	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	DE000VA3ZS49	AEX 578TS 1218V	EUR	7,7900	7,7900	7,7900			7,7900					
Certificate	DE000CV8AU94	AEX 578TS 1218Z	EUR	7,8240	7,8240	7,8240								
Certificate	NL0012312102	AEX 578TS OPENH	EUR	8,4400	8,4400	8,4400								
Certificate	DE000CP06RF9	AEX 579TS 0319C	EUR	8,1100	8,1100	8,1100								
Certificate	DE000VA3ZX83	AEX 579TS 1218V	EUR	7,8900	7,8900	7,8900								
Certificate	NL0012795173	AEX 580BOC0619Z	EUR	53,8100	54,0000	53,8100				54,0000				
Certificate	NL0012648646	AEX 580BON1219Z	EUR	52,5300	52,6900	52,5300				52,6900				
Certificate	DE000CP06RG7	AEX 580TS 0319C	EUR	8,2100	8,2100	8,2100				8,2100				
Certificate	DE000VA7PRW3	AEX 580TS 0319V	EUR	8,2200	8,2200	8,2200				8,2200				
Certificate	DE000CQ5BQV6	AEX 580TS 1218C	EUR	8,0100	8,0100	8,0100				8,0100				
Certificate	DE000VA3ZS64	AEX 580TS 1218V	EUR	7,9900	7,9900	7,9900				7,9900				
Certificate	DE000CV8AU1	AEX 580TS 1218Z	EUR	8,0240	8,0240	8,0240				8,0240				
Certificate	DE000CV4YU41	AEX 580TS OPENZ	EUR	3,5060	3,5060	3,5060				3,5060				
Certificate	DE000CP06RH5	AEX 581TS 0319C	EUR	8,3100	8,3100	8,3100				8,3100				
Certificate	DE000VA3ZXC1	AEX 581TS 1218V	EUR	8,0900	8,0900	8,0900				8,0900				
Certificate	DE000VA7PRX1	AEX 582TS 0319V	EUR	8,4200	8,4200	8,4200				8,4200				
Certificate	DE000VA3ZS80	AEX 582TS 1218V	EUR	8,1900	8,1900	8,1900				8,1900				
Certificate	DE000CV8AUB9	AEX 582TS 1218Z	EUR	8,2240	8,2240	8,2240				8,2240				
Certificate	DE000CQ5BH36	AEX 582TS OPENC	EUR	7,4600	7,4600	7,4600				7,4600				
Certificate	DE000CP06RJ1	AEX 583TS 0319C	EUR	8,5100	8,5100	8,5100				8,5100				
Certificate	DE000VA3ZXD9	AEX 583TS 1218V	EUR	8,2900	8,2900	8,2900				8,2900				
Certificate	DE000VA7PRY9	AEX 584TS 0319V	EUR	8,6300	8,6300	8,6300				8,6300				
Certificate	DE000VA3ZTA3	AEX 584TS 1218V	EUR	8,3900	8,3900	8,3900				8,3900				
Certificate	DE000CV8ARZ4	AEX 584TS 1218Z	EUR	8,4240	8,4240	8,4240				8,4240				
Certificate	NL0012494470	AEX 585BOC1218B	EUR	5,6700	5,7500	5,6700				5,7500				
Certificate	DE000CP06RK9	AEX 585TS 0319C	EUR	8,7100	8,7100	8,7100				8,7100				
Certificate	DE000CJ3P6S0	AEX 585TS 0319Z	EUR	8,7610	8,7610	8,7610				8,7610				
Certificate	DE000CQ5BQW4	AEX 585TS 1218C	EUR	8,5100	8,5100	8,5100				8,5100				
Certificate	DE000VA3ZXE7	AEX 585TS 1218V	EUR	8,4900	8,4900	8,4900				8,4900				
Certificate	DE000VA15LH1	AEX 585TS OPENV	EUR	8,1000	8,1000	8,1000				8,1000				
Certificate	DE000VA7PRZ6	AEX 586TS 0319V	EUR	8,8300	8,8300	8,8300				8,8300				
Certificate	DE000VA3ZXF4	AEX 586TS 1218V	EUR	8,5900	8,5900	8,5900				8,5900				
Certificate	DE000CV8AS07	AEX 586TS 1218Z	EUR	8,6240	8,6240	8,6240				8,6240				
Certificate	DE000CQ5BH28	AEX 586TS OPENC	EUR	7,8600	7,8600	7,8600				7,8600				
Certificate	DE000CV4YQJ9	AEX 586TS OPENZ	EUR	3,7720	3,7720	3,7720				3,7720				
Certificate	DE000CP06RL7	AEX 587TS 0319C	EUR	8,9100	8,9100	8,9100				8,9100				
Certificate	DE000VA3ZXG2	AEX 587TS 1218V	EUR	8,6900	8,6900	8,6900				8,6900				
Certificate	DE000VA7PR06	AEX 588TS 0319V	EUR	9,0300	9,0300	9,0300				9,0300				
Certificate	DE000VA3ZXH0	AEX 588TS 1218V	EUR	8,7900	8,7900	8,7900				8,7900				
Certificate	DE000CV8AQG6	AEX 588TS 1218Z	EUR	8,8240	8,8240	8,8240				8,8240				
Certificate	DE000CP06RM5	AEX 589TS 0319C	EUR	9,1100	9,1100	9,1100				9,1100				
Certificate	DE000VA3ZXJ6	AEX 589TS 1218V	EUR	8,8900	8,8900	8,8900				8,8900				
Certificate	NL0012795199	AEX 590BOC0919Z	EUR	53,1800	53,4300	53,1800				53,4300				
Certificate	DE000CP06RN3	AEX 590TS 0319C	EUR	9,2100	9,2100	9,2100				9,2100				
Certificate	DE000VA7PR14	AEX 590TS 0319V	EUR	9,2300	9,2300	9,2300				9,2300				
Certificate	DE000CQ5BQX2	AEX 590TS 1218C	EUR	9,0000	9,0000	9,0000				9,0000				
Certificate	DE000VA3ZXK4	AEX 590TS 1218V	EUR	8,9900	8,9900	8,9900				8,9900				
Certificate	DE000CV8AQH4	AEX 590TS 1218Z	EUR	9,0240	9,0240	9,0240				9,0240				
Certificate	DE000CQ5BH10	AEX 590TS OPENC	EUR	8,2500	8,2500	8,2500				8,2500				
Certificate	LU1784827690	AEX 590TS OPENS	EUR	3,9700	3,9700	3,9700				3,9700				
Certificate	DE000CP06RP8	AEX 591TS 0319C	EUR	9,3100	9,3100	9,3100				9,3100				
Certificate	DE000VA3ZXL2	AEX 591TS 1218V	EUR	9,0900	9,0900	9,0900				9,0900				
Certificate	DE000CV4YU58	AEX 591TS OPENZ	EUR	3,9740	3,9740	3,9740				3,9740				
Certificate	DE000VA7PR30	AEX 592TS 0319V	EUR	9,4300	9,4300	9,4300				9,4300				
Certificate	DE000VA3ZXM0	AEX 592TS 1218V	EUR	9,1900	9,1900	9,1900				9,1900				
Certificate	DE000CV8AQJ0	AEX 592TS 1218Z	EUR	9,2240	9,2240	9,2240				9,2240				
Certificate	DE000CQ5BH02	AEX 592TS OPENC	EUR	8,4500	8,4500	8,4500				8,4500				
Certificate	DE000CP06RQ6	AEX 593TS 0319C	EUR	9,5100	9,5100	9,5100				9,5100				
Certificate	DE000CJ3P6T8	AEX 593TS 0319Z	EUR	9,5640	9,5640	9,5640				9,5640				
Certificate	DE000VA3ZXN8	AEX 593TS 1218V	EUR	9,2900	9,2900	9,2900				9,2900				
Certificate	DE000VA7PR48	AEX 594TS 0319V	EUR	9,6300	9,6300	9,6300				9,6300				
Certificate	DE000VA3ZXP3	AEX 594TS 1218V	EUR	9,3900	9,3900	9,3900				9,3900				
Certificate	DE000CV8AL12	AEX 594TS 1218Z	EUR	9,4240	9,4240	9,4240				9,4240				
Certificate	NL0012200141	AEX 594TS OPENH	EUR	10,0500	10,0500	10,0500				10,0500				
Certificate	DE000VA4Y2L1	AEX 594TS OPENV	EUR	9,7600	9,7600	9,7600				9,7600				
Certificate	DE000CP06RR4	AEX 595TS 0319C	EUR	9,7100	9,7100	9,7100				9,7100				
Certificate	DE000CQ5BQV0	AEX 595TS 1218C	EUR	9,5000	9,5000	9,5000				9,5000				
Certificate	DE000VA3ZXQ1	AEX 595TS 1218V	EUR	9,4900	9,4900	9,4900				9,4900				
Certificate	LU1784827427	AEX 595TS OPENS	EUR	7,8300	7,8300	7,8300				7,8300				
Certificate	DE000VA7PR71	AEX 596TS 0319V	EUR	9,8300	9,8300	9,8300				9,8300				
Certificate	DE000VA3ZXR9	AEX 596TS 1218V	EUR	9,5900	9,5900	9,5900				9,5900				



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	DE000CV8AQK8	AEX 596TS 1218Z	EUR	9,6240	9,6240	9,6240			9,6240					
Certificate	DE000CQ5BGZ8	AEX 596TS OPENC	EUR	8,8500	8,8500	8,8500			8,8500					
Certificate	DE000VA1ZEL6	AEX 596TS OPENV	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	DE000CV4YU66	AEX 596TS OPENZ	EUR	4,1730	4,1730	4,1730			4,1730					
Certificate	DE000CP06RS2	AEX 597TS 0319C	EUR	9,9100	9,9100	9,9100			9,9100					
Certificate	DE000VA3ZXS7	AEX 597TS 1218V	EUR	9,6900	9,6900	9,6900			9,6900					
Certificate	DE000VA1ZEM4	AEX 597TS OPENV	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	DE000VA15UJ7	AEX 597TS OPENV	EUR	9,3100	9,3100	9,3100			9,3100					
Certificate	DE000VL5R624	AEX 597TS OPENV	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	DE000VA7PSA7	AEX 598TS 0319V	EUR	10,0300	10,0300	10,0300			10,0300					
Certificate	DE000VA3ZXT5	AEX 598TS 1218V	EUR	9,7900	9,7900	9,7900			9,7900					
Certificate	DE000CV8AA49	AEX 598TS 1218Z	EUR	9,8240	9,8240	9,8240			9,8240					
Certificate	DE000CQ5BGY1	AEX 598TS OPENC	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	DE000VL5R632	AEX 598TS OPENV	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	DE000VA15LL3	AEX 598TS OPENV	EUR	9,4100	9,4100	9,4100			9,4100					
Certificate	DE000VA1ZEN2	AEX 598TS OPENV	EUR	9,2500	9,2500	9,2500			9,2500					
Certificate	DE000CP06RT0	AEX 599TS 0319C	EUR	10,1100	10,1100	10,1100			10,1100					
Certificate	DE000VA3ZXU3	AEX 599TS 1218V	EUR	9,8900	9,8900	9,8900			9,8900					
Certificate	DE000VL5R640	AEX 599TS OPENV	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	DE000VA15LN9	AEX 599TS OPENV	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	NL0012795165	AEX 600B0C0319Z	EUR	52,7700	53,2900	52,7700			53,2900					
Certificate	NL0012795215	AEX 600B0C1219Z	EUR	52,8000	53,0400	52,8000			53,0400					
Certificate	NL0012648620	AEX 600B0N0619Z	EUR	53,8700	54,2200	53,8700			54,2200					
Certificate	NL0012795454	AEX 600D1S1219Z	EUR	48,3800	48,5700	48,3800			48,5700					
Certificate	DE000CP06RU8	AEX 600TS 0319C	EUR	10,2100	10,2100	10,2100			10,2100					
Certificate	DE000VA7PSC3	AEX 600TS 0319V	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	DE000CQ5BQZ7	AEX 600TS 1218C	EUR	10,0000	10,0000	10,0000			10,0000					
Certificate	DE000VA3ZXW9	AEX 600TS 1218V	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	DE000CY52T04	AEX 600TS OPENC	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	DE000VA15LR0	AEX 600TS OPENV	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	DE000VL61HZ2	AEX 600TS OPENV	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	DE000CJ3P6U6	AEX 601TS 0319Z	EUR	10,3660	10,3660	10,3660			10,3660					
Certificate	DE000VA3ZXY5	AEX 601TS 1218V	EUR	10,0900	10,0900	10,0900			10,0900					
Certificate	DE000VA15NE4	AEX 601TS OPENV	EUR	9,7200	9,7200	9,7200			9,7200					
Certificate	DE000VA15PW1	AEX 601TS OPENV	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	DE000VL61H09	AEX 601TS OPENV	EUR	8,3300	8,3300	8,3300			8,3300					
Certificate	DE000CV4YU74	AEX 601TS OPENZ	EUR	4,3720	4,3720	4,3720			4,3720					
Certificate	DE000VA3ZX42	AEX 602TS 1218V	EUR	10,1900	10,1900	10,1900			10,1900					
Certificate	DE000CV8AA56	AEX 602TS 1218Z	EUR	10,2240	10,2240	10,2240			10,2240					
Certificate	DE000CY51JD9	AEX 602TS OPENC	EUR	6,8400	6,8400	6,8400			6,8400					
Certificate	DE000VAsRBV9	AEX 602TS OPENV	EUR	10,6000	10,6000	10,6000			10,6000					
Certificate	DE000VL61H17	AEX 602TS OPENV	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	DE000VA15PB5	AEX 602TS OPENV	EUR	9,8400	9,8400	9,8400			9,8400					
Certificate	DE000VA3ZX67	AEX 603TS 1218V	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	DE000VL61H25	AEX 603TS OPENV	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	DE000VA15PX9	AEX 603TS OPENV	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	DE000VA3ZX75	AEX 604TS 1218V	EUR	10,3900	10,3900	10,3900			10,3900					
Certificate	DE000VL61H33	AEX 604TS OPENV	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000VA4YQG7	AEX 604TS OPENV	EUR	10,4700	10,4700	10,4700			10,4700					
Certificate	DE000VA15PY7	AEX 604TS OPENV	EUR	10,0500	10,0500	10,0500			10,0500					
Certificate	DE000CP06RV6	AEX 605TS 0319C	EUR	10,7100	10,7100	10,7100			10,7100					
Certificate	DE000VA3ZX83	AEX 605TS 1218V	EUR	10,4900	10,4900	10,4900			10,4900					
Certificate	DE000CY52S21	AEX 605TS OPENC	EUR	8,1100	8,1100	8,1100			8,1100					
Certificate	DE000CY51JE7	AEX 605TS OPENC	EUR	7,1300	7,1300	7,1300			7,1300					
Certificate	LU1784827344	AEX 605TS OPENS	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	DE000VL61H41	AEX 605TS OPENV	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	DE000VA15QL2	AEX 605TS OPENV	EUR	10,1600	10,1600	10,1600			10,1600					
Certificate	DE000VA15Q73	AEX 605TS OPENV	EUR	10,1900	10,1900	10,1900			10,1900					
Certificate	DE000VA3EA51	AEX 605TS OPENV	EUR	9,2700	9,2700	9,2700			9,2700					
Certificate	DE000VA3ZYA3	AEX 606TS 1218V	EUR	10,5900	10,5900	10,5900			10,5900					
Certificate	DE000CV8AA64	AEX 606TS 1218Z	EUR	10,6240	10,6240	10,6240			10,6240					
Certificate	DE000VL61H58	AEX 606TS OPENV	EUR	8,8300	8,8300	8,8300			8,8300					
Certificate	DE000VA3EA69	AEX 606TS OPENV	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	DE000VA4YQH5	AEX 606TS OPENV	EUR	10,6700	10,6700	10,6700			10,6700					
Certificate	DE000VA3EA77	AEX 606TS OPENV	EUR	10,5400	10,5400	10,5400			10,5400					
Certificate	DE000VA15Q99	AEX 606TS OPENV	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	DE000CV4YQK7	AEX 606TS OPENZ	EUR	4,5690	4,5690	4,5690			4,5690					
Certificate	DE000VA3ZCY9	AEX 607TS 1218V	EUR	10,6900	10,6900	10,6900			10,6900					
Certificate	DE000VL61H66	AEX 607TS OPENV	EUR	8,9300	8,9300	8,9300			8,9300					
Certificate	DE000VA15RA3	AEX 607TS OPENV	EUR	10,3900	10,3900	10,3900			10,3900					
Certificate	DE000VA4YQ33	AEX 607TS OPENV	EUR	10,7800	10,7800	10,7800			10,7800					
Certificate	DE000VA3ZYE5	AEX 608TS 1218V	EUR	10,7900	10,7900	10,7900			10,7900					



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	DE000VA4YQ41	AEX 608TS OPENV	EUR	10,8800	10,8800	10,8800			10,8800					
Certificate	DE000VL61H74	AEX 608TS OPENV	EUR	9,0300	9,0300	9,0300			9,0300					
Certificate	DE000CJ3P6V4	AEX 609TS 0319Z	EUR	11,1680	11,1680	11,1680				11,1680				
Certificate	DE000VA3ZYG0	AEX 609TS 1218V	EUR	10,8900	10,8900	10,8900				10,8900				
Certificate	DE000VA4YSR0	AEX 609TS OPENV	EUR	11,0000	11,0000	11,0000				11,0000				
Certificate	NL0012795181	AEX 610BOC0619Z	EUR	51,5200	51,5200	51,5200				51,5200				
Certificate	DE000CP06RW4	AEX 610TS 0319C	EUR	11,2100	11,2100	11,2100				11,2100				
Certificate	DE000CQ5BR00	AEX 610TS 1218C	EUR	11,0000	11,0000	11,0000				11,0000				
Certificate	DE000VA3ZYJ4	AEX 610TS 1218V	EUR	10,9900	10,9900	10,9900				10,9900				
Certificate	DE000CV8AA72	AEX 610TS 1218Z	EUR	11,0240	11,0240	11,0240				11,0240				
Certificate	DE000CY52SY4	AEX 610TS OPENC	EUR	8,6000	8,6000	8,6000				8,6000				
Certificate	DE000CY16E51	AEX 610TS OPENC	EUR											
Certificate	DE000CY51JF4	AEX 610TS OPENC	EUR	7,6200	7,6200	7,6200				7,6200				
Certificate	DE000VA4YW76	AEX 610TS OPENV	EUR	11,1300	11,1300	11,1300				11,1300				
Certificate	DE000VA4YSS8	AEX 610TS OPENV	EUR	11,1000	11,1000	11,1000				11,1000				
Certificate	DE000VA5R8X5	AEX 610TS OPENV	EUR	11,4100	11,4100	11,4100				11,4100				
Certificate	DE000VA3Z1R0	AEX 611TS 1218V	EUR	11,0900	11,0900	11,0900				11,0900				
Certificate	DE000VA4Y2M9	AEX 611TS OPENV	EUR	11,4800	11,4800	11,4800				11,4800				
Certificate	DE000VA4YTG1	AEX 611TS OPENV	EUR	11,2200	11,2200	11,2200				11,2200				
Certificate	DE000CV4YU82	AEX 611TS OPENZ	EUR	4,7710	4,7710	4,7710				4,7710				
Certificate	DE000VA3Z203	AEX 612TS 1218V	EUR	11,1900	11,1900	11,1900				11,1900				
Certificate	DE000VA5ELL7	AEX 612TS OPENV	EUR	11,5800	11,5800	11,5800				11,5800				
Certificate	DE000VA4Y7J5	AEX 612TS OPENV	EUR	11,3200	11,3200	11,3200				11,3200				
Certificate	DE000VA3Z229	AEX 613TS 1218V	EUR	11,2900	11,2900	11,2900				11,2900				
Certificate	DE000VA4Y113	AEX 613TS OPENV	EUR	11,5500	11,5500	11,5500				11,5500				
Certificate	DE000VA3Z245	AEX 614TS 1218V	EUR	11,3900	11,3900	11,3900				11,3900				
Certificate	DE000CV8AA80	AEX 614TS 1218Z	EUR	11,4240	11,4240	11,4240				11,4240				
Certificate	NL0013078918	AEX 614TS OPENH	EUR	12,0800	12,0800	12,0800				12,0800				
Certificate	DE000CP06RX2	AEX 615TS 0319C	EUR	11,7100	11,7100	11,7100				11,7100				
Certificate	DE000VA3Z252	AEX 615TS 1218V	EUR	11,4900	11,4900	11,4900				11,4900				
Certificate	DE000CY51JG2	AEX 615TS OPENC	EUR	8,1000	8,1000	8,1000				8,1000				
Certificate	DE000VA3Z3E4	AEX 616TS 1218V	EUR	11,5900	11,5900	11,5900				11,5900				
Certificate	DE000CV4YVF7	AEX 616TS OPENZ	EUR	4,9720	4,9720	4,9720				4,9720				
Certificate	DE000VA3Z3F1	AEX 617TS 1218V	EUR	11,6900	11,6900	11,6900				11,6900				
Certificate	LU1732548653	AEX 617TS OPENS	EUR	10,1500	10,1500	10,1500				10,1500				
Certificate	DE000VA3Z4Z7	AEX 618TS 1218V	EUR	11,7900	11,7900	11,7900				11,7900				
Certificate	DE000CV8AE60	AEX 618TS 1218Z	EUR	11,8240	11,8240	11,8240				11,8240				
Certificate	DE000VA3Z419	AEX 619TS 1218V	EUR	11,8900	11,8900	11,8900				11,8900				
Certificate	NL0012795207	AEX 620BOC0919Z	EUR	50,6400	50,6400	50,6400				50,6400				
Certificate	DE000CP06RY0	AEX 620TS 0319C	EUR	12,2100	12,2100	12,2100				12,2100				
Certificate	DE000CQ5BR18	AEX 620TS 1218C	EUR	12,0000	12,0000	12,0000				12,0000				
Certificate	DE000VA3Z4Z7	AEX 620TS 1218V	EUR	11,9900	11,9900	11,9900				11,9900				
Certificate	DE000CY51JH0	AEX 620TS OPENC	EUR	8,5900	8,5900	8,5900				8,5900				
Certificate	DE000VA3Z500	AEX 621TS 1218V	EUR	12,0900	12,0900	12,0900				12,0900				
Certificate	DE000CV4YVG5	AEX 621TS OPENZ	EUR	5,1710	5,1710	5,1710				5,1710				
Certificate	DE000VA4RMY3	AEX 622TS 1218V	EUR	12,1900	12,1900	12,1900				12,1900				
Certificate	DE000CV8AA98	AEX 622TS 1218Z	EUR	12,2240	12,2240	12,2240				12,2240				
Certificate	DE000CY51RL5	AEX 622TS OPENC	EUR	9,2900	9,2900	9,2900				9,2900				
Certificate	DE000VA4RMZ0	AEX 623TS 1218V	EUR	12,2900	12,2900	12,2900				12,2900				
Certificate	DE000CY51RM3	AEX 623TS OPENC	EUR	9,3800	9,3800	9,3800				9,3800				
Certificate	DE000VA4RNC7	AEX 624TS 1218V	EUR	12,3900	12,3900	12,3900				12,3900				
Certificate	DE000CY51RN1	AEX 624TS OPENC	EUR	9,4800	9,4800	9,4800				9,4800				
Certificate	DE000CJ3P6W2	AEX 625TS 0319Z	EUR	12,7720	12,7720	12,7720				12,7720				
Certificate	DE000VA4RPW0	AEX 625TS 1218V	EUR	12,4900	12,4900	12,4900				12,4900				
Certificate	DE000CY50TM1	AEX 625TS OPENC	EUR	9,1100	9,1100	9,1100				9,1100				
Certificate	DE000CY51SF5	AEX 625TS OPENC	EUR	9,1800	9,1800	9,1800				9,1800				
Certificate	DE000CY51RP6	AEX 625TS OPENC	EUR	9,5700	9,5700	9,5700				9,5700				
Certificate	DE000CY51JL6	AEX 625TS OPENC	EUR	9,0800	9,0800	9,0800				9,0800				
Certificate	DE000CY16RK0	AEX 625TS OPENC	EUR	7,4700	7,4700	7,4700				7,4700				
Certificate	DE000VA4RPX8	AEX 626TS 1218V	EUR	12,5900	12,5900	12,5900				12,5900				
Certificate	DE000CY51RQ4	AEX 626TS OPENC	EUR	9,6700	9,6700	9,6700				9,6700				
Certificate	DE000CV4Z3L4	AEX 626TS OPENZ	EUR	5,3680	5,3680	5,3680				5,3680				
Certificate	DE000VA4RPY6	AEX 627TS 1218V	EUR	12,6900	12,6900	12,6900				12,6900				
Certificate	DE000CY51RR2	AEX 627TS OPENC	EUR	9,7700	9,7700	9,7700				9,7700				
Certificate	DE000VA4YQB8	AEX 628TS 1218V	EUR	12,7900	12,7900	12,7900				12,7900				
Certificate	DE000CY51RS0	AEX 628TS OPENC	EUR	9,8700	9,8700	9,8700				9,8700				
Certificate	DE000VA4YQC6	AEX 629TS 1218V	EUR	12,8900	12,8900	12,8900				12,8900				
Certificate	DE000CY51RT8	AEX 629TS OPENC	EUR	9,9700	9,9700	9,9700				9,9700				
Certificate	NL0012795223	AEX 630BOC1219Z	EUR	49,7800	50,2000	49,7800				50,2000				
Certificate	DE000VA4YQD4	AEX 630TS 1218V	EUR	12,9900	12,9900	12,9900				12,9900				
Certificate	DE000CV8AAA3	AEX 630TS 1218Z	EUR	13,0240	13,0240	13,0240				13,0240				
Certificate	DE000CY51RU6	AEX 630TS OPENC	EUR	10,0600	10,0600	10,0600				10,0600				



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	DE000CY51SG3	AEX 630TS OPENC	EUR	9,6600	9,6600	9,6600			9,6600					
Certificate	NL0012562748	AEX 630TS OPENH	EUR	13,7000	13,7000	13,7000			13,7000					
Certificate	DE000VA4YQE2	AEX 631TS 1218V	EUR	13,0900	13,0900	13,0900			13,0900					
Certificate	DE000CY51RV4	AEX 631TS OPENC	EUR	10,1600	10,1600	10,1600			10,1600					
Certificate	DE000CY51SH1	AEX 631TS OPENC	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	DE000CV4Z3M2	AEX 631TS OPENZ	EUR	5,5670	5,5670	5,5670			5,5670					
Certificate	DE000VA4YQ17	AEX 632TS 1218V	EUR	13,1900	13,1900	13,1900			13,1900					
Certificate	DE000CY51RW2	AEX 632TS OPENC	EUR	10,2600	10,2600	10,2600			10,2600					
Certificate	DE000CY51S17	AEX 632TS OPENC	EUR	9,8600	9,8600	9,8600			9,8600					
Certificate	DE000VA4YQ25	AEX 633TS 1218V	EUR	13,2900	13,2900	13,2900			13,2900					
Certificate	DE000CY51RX0	AEX 633TS OPENC	EUR	10,3600	10,3600	10,3600			10,3600					
Certificate	DE000CY51SK5	AEX 633TS OPENC	EUR	9,9600	9,9600	9,9600			9,9600					
Certificate	DE000VA4YSM1	AEX 634TS 1218V	EUR	13,3900	13,3900	13,3900			13,3900					
Certificate	DE000CY51SL3	AEX 634TS OPENC	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	DE000CY51RY8	AEX 634TS OPENC	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	DE000VA4YSN9	AEX 635TS 1218V	EUR	13,4900	13,4900	13,4900			13,4900					
Certificate	DE000CY51SM1	AEX 635TS OPENC	EUR	10,1600	10,1600	10,1600			10,1600					
Certificate	DE000CY51RZ5	AEX 635TS OPENC	EUR	10,5500	10,5500	10,5500			10,5500					
Certificate	NL0012243075	AEX 635TS OPENH	EUR	14,2100	14,2100	14,2100			14,2100					
Certificate	DE000VA4YTD8	AEX 636TS 1218V	EUR	13,5900	13,5900	13,5900			13,5900					
Certificate	DE000CY51S06	AEX 636TS OPENC	EUR	10,6500	10,6500	10,6500			10,6500					
Certificate	DE000CY51SN9	AEX 636TS OPENC	EUR	10,2500	10,2500	10,2500			10,2500					
Certificate	DE000CV4Z5K1	AEX 636TS OPENZ	EUR	5,6600	5,6600	5,6600	1132,0000	1	5,7690	200				
Certificate	DE000VA4YW68	AEX 637TS 1218V	EUR	13,6900	13,6900	13,6900			13,6900					
Certificate	DE000CY51S14	AEX 637TS OPENC	EUR	10,7500	10,7500	10,7500			10,7500					
Certificate	DE000CY51SP4	AEX 637TS OPENC	EUR	10,3500	10,3500	10,3500			10,3500					
Certificate	DE000CV8AAB1	AEX 638TS 1218Z	EUR	13,8240	13,8240	13,8240			13,8240					
Certificate	DE000CY51S22	AEX 638TS OPENC	EUR	10,8500	10,8500	10,8500			10,8500					
Certificate	DE000CY51SQ2	AEX 638TS OPENC	EUR	10,4500	10,4500	10,4500			10,4500					
Certificate	DE000CY51SRO	AEX 639TS OPENC	EUR	10,5500	10,5500	10,5500			10,5500					
Certificate	DE000CY51S30	AEX 639TS OPENC	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	DE000CY51S48	AEX 640TS OPENC	EUR	11,0400	11,0400	11,0400			11,0400					
Certificate	DE000CY51S58	AEX 640TS OPENC	EUR	10,6400	10,6400	10,6400			10,6400					
Certificate	DE000CI3P6X0	AEX 641TS 0319Z	EUR	14,3740	14,3740	14,3740			14,3740					
Certificate	DE000CY51S55	AEX 641TS OPENC	EUR	11,1400	11,1400	11,1400			11,1400					
Certificate	DE000CY51S16	AEX 641TS OPENC	EUR	10,7400	10,7400	10,7400			10,7400					
Certificate	DE000CV4ZCN8	AEX 641TS OPENZ	EUR	5,9620	5,9620	5,9620			5,9620					
Certificate	DE000CY51SU4	AEX 642TS OPENC	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	DE000CY51S63	AEX 642TS OPENC	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	DE000CY51SV2	AEX 643TS OPENC	EUR	10,9400	10,9400	10,9400			10,9400					
Certificate	DE000CY51S71	AEX 643TS OPENC	EUR	11,3400	11,3400	11,3400			11,3400					
Certificate	DE000CY51S89	AEX 644TS OPENC	EUR	11,4300	11,4300	11,4300			11,4300					
Certificate	DE000CY51SW0	AEX 645TS OPENC	EUR	11,1300	11,1300	11,1300			11,1300					
Certificate	DE000CY51S97	AEX 645TS OPENC	EUR	11,5300	11,5300	11,5300			11,5300					
Certificate	DE000CV4ZCP3	AEX 645TS OPENZ	EUR	6,1610	6,1610	6,1610			6,1610					
Certificate	DE000CV8AAC9	AEX 646TS 1218Z	EUR	14,6240	14,6240	14,6240			14,6240					
Certificate	DE000CY51SA6	AEX 646TS OPENC	EUR	11,6300	11,6300	11,6300			11,6300					
Certificate	DE000CY51SX8	AEX 646TS OPENC	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	DE000CY51SB4	AEX 647TS OPENC	EUR	11,7300	11,7300	11,7300			11,7300					
Certificate	DE000CV4ZNC8	AEX 651TS OPENZ	EUR	6,3670	6,3670	6,3670			6,3670					
Certificate	DE000CV8AAD7	AEX 654TS 1218Z	EUR	15,4240	15,4240	15,4240			15,4240					
Certificate	DE000CV4ZND6	AEX 655TS OPENZ	EUR	6,5660	6,5660	6,5660			6,5660					
Certificate	DE000CI3P6Y8	AEX 657TS 0319Z	EUR	15,9760	15,9760	15,9760			15,9760					
Certificate	DE000CV8AAE5	AEX 662TS 1218Z	EUR	16,2240	16,2240	16,2240			16,2240					
Certificate	NL0012648653	AEX 6708ON1219Z	EUR	51,3300	51,8800	51,3300			51,8800					
Certificate	DE000CV88ZP7	AEX 675TS OPENZ	EUR	7,3740	7,3740	7,3740			7,3740					
Certificate	DE000CV8AAF2	AEX 678TS 1218Z	EUR	17,8240	17,8240	17,8240			17,8240					
Certificate	DE000CV8AAG0	AEX 694TS 1218Z	EUR	19,4250	19,4250	19,4250			19,4250					
Certificate	DE000CV88AU0	AEX 694TS OPENZ	EUR	8,1460	8,1460	8,1460			8,1460					
Certificate	NL0012431274	AEX 697TS OPENH	EUR	20,4800	20,4800	20,4800			20,4800					
Certificate	DE000CV8AAH8	AEX 710TS 1218Z	EUR	21,0250	21,0250	21,0250			21,0250					
Certificate	DE000CV88UV6	AEX 734TS OPENZ	EUR	9,7300	9,7300	9,7300			9,7300					
Certificate	NL0012904569	AEX 758TS OPENH	EUR	26,6600	26,6600	26,6600			26,6600					
Certificate	NL0012236558	AEX 0.88PRO0619Z	EUR	91,4600	91,5300	91,4600			91,5300					
Certificate	NL0012236509	AEX 0.88PRO0619Z	EUR	94,3900	94,5400	94,3900			94,5400					
Certificate	NL0012236517	AEX 0.93PRO0619Z	EUR	95,9100	95,9600	95,9100			95,9600					
Certificate	NL0012236533	AEX 0.95PRO0619Z	EUR	97,1000	97,1200	97,1000			97,1200					
Certificate	NL0012236574	AEX 0.95PRO0619Z	EUR	96,2300	96,2300	96,2100			96,2100					
Certificate	NL0011595392	AEX 227.TRLOPENH	EUR	27,4100	27,4100	27,4100			27,4100					
Certificate	NL0010223665	AEX 289.BL OPENB	EUR	21,2800	21,2800	21,2800			21,2800					
Certificate	NL0010442646	AEX 337.BL OPENB	EUR	16,4770	16,4770	16,4770			16,4770					
Certificate	NL0011926183	AEX 411.TRLOPENH	EUR	9,0200	9,0200	9,0200			9,0200					



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	NL0011933783	AEX 418.TRLOPENH	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	DE000CD627P2	AEX 428.TL OPENZ	EUR	7,3540	7,3540	7,3540			7,3540					
Certificate	NL0012049456	AEX 442.TRLOPENH	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	NL0012049431	AEX 443.TRLOPENH	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	NL0012039838	AEX 445.BL OPENB	EUR	6,0780	6,0830	5,7210	303,9000	1	5,7210	50				
Certificate	NL0012051908	AEX 454.TRLOPENH	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	DE000CJ3QX93	AEX 475.TL OPENZ	EUR	2,6920	2,6920	2,6920			2,6920					
Certificate	DE000CE6BHL8	AEX 477.TL OPENZ	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000CE6BKB3	AEX 481.TL OPENZ	EUR	2,1950	2,1950	2,0990	384,1300	1	2,0990	175				
Certificate	NL0012114508	AEX 483.BL OPENB	EUR	2,1380	2,3350	1,9190	185101,0000	14	1,9190	83000				
Certificate	NL0013191521	AEX 488.TRLOPENH	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	NL0012200695	AEX 489.TRLOPENH	EUR	1,1700	1,5500	1,1700	2720,0000	2	1,2500	2000				
Certificate	NL0013191505	AEX 490.TRLOPENH	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	NL0013129059	AEX 501.TRLOPENH	EUR											
Certificate	LU1859910751	AEX 507.TCIOPENS	EUR											
Certificate	DE000VA90YL9	AEX 510.TL OPENV	EUR											
Certificate	NL0013186182	AEX 510.TRLOPENH	EUR											
Certificate	DE000VA90ZU7	AEX 511.TL OPENV	EUR											
Certificate	NL0013191497	AEX 511.TRSOPENH	EUR	1,3000	1,3300	0,7000	196511,3000	18	1,1000	177110				
Certificate	DE000VA90ZV5	AEX 512.TL OPENV	EUR											
Certificate	NL0013191471	AEX 512.TRSOPENH	EUR	1,0500	1,2600	1,0500	2194,5000	2	1,2000	1900				
Certificate	DE000VNG6A5	AEX 513.TL OPENV	EUR											
Certificate	NL0013191455	AEX 513.TRSOPENH	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	DE000VNG6C1	AEX 514.TL OPENV	EUR											
Certificate	NL0013189830	AEX 514.TRSOPENH	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	NL0013189814	AEX 515.TRSOPENH	EUR	1,2900	1,4800	1,1100	5909,8000	7	1,4800	4740				
Certificate	NL0013189798	AEX 516.TRSOPENH	EUR	1,7700	1,8600	1,4000	1315,4000	4	1,5800	780				
Certificate	NL0013189772	AEX 517.TRSOPENH	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0013189756	AEX 518.TRSOPENH	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	NL0013182850	AEX 530.TRSOPENH	EUR	3,2300	3,2300	2,6500	87233,0000	18	2,9700	30600				
Certificate	NL0013080245	AEX 532.TRSOPENH	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	DE000CJ3PEE2	AEX 533.TS OPENZ	EUR	3,3740	3,5520	3,1050	2832,0500	8	3,2950	895				
Certificate	DE000CJ3N7Z5	AEX 537.TS OPENZ	EUR	3,6810	3,6810	3,6810			3,6810					
Certificate	DE000CJ3N708	AEX 539.TS OPENZ	EUR	3,8930	3,8930	3,8930			3,8930					
Certificate	LU1840974270	AEX 540.TPIOPENS	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	NL0013005010	AEX 546.BS OPENB	EUR	4,6770	4,6770	4,6770			4,6770					
Certificate	NL0013005036	AEX 547.BS OPENB	EUR	4,9960	4,9960	4,7760	2547,9600	1	4,7760	510				
Certificate	NL0012938708	AEX 558.TRSOPENH	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	NL0012982086	AEX 566.BS OPENB	EUR	6,6790	6,6790	6,6790			6,6790					
Certificate	NL0012903991	AEX 567.TRSOPENH	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	DE000VASRFU2	AEX 567.TS OPENV	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000VASRFV0	AEX 568.TS OPENV	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	DE000VASRFW8	AEX 569.TS OPENV	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	NL0012903975	AEX 570.TRSOPENH	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	DE000VASRFX6	AEX 570.TS OPENV	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	LU1816971052	AEX 571.TPIOPENS	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	DE000VASRFY4	AEX 571.TS OPENV	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	DE000VASRDQ5	AEX 572.TS OPENV	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	DE000VASRDR3	AEX 573.TS OPENV	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	NL0012849517	AEX 594.TRSOPENH	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	DE000CE6F9Y2	AEX 596.TS OPENZ	EUR	9,5810	9,5810	9,5810			9,5810					
Certificate	DE000VA1ZDY1	AEX 597.TS OPENV	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	DE000VA1ZD06	AEX 598.TS OPENV	EUR	8,1000	8,1000	8,1000			8,1000					
Certificate	DE000CE6F9Z9	AEX 598.TS OPENZ	EUR	9,7800	9,7800	9,7800			9,7800					
Certificate	DE000VL61HJ6	AEX 600.TS OPENV	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	DE000CE6FA00	AEX 600.TS OPENZ	EUR	9,9810	9,9810	9,9810			9,9810					
Certificate	DE000VL61HK4	AEX 601.TS OPENV	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	DE000VL61HL2	AEX 602.TS OPENV	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	DE000VL61HN8	AEX 603.TS OPENV	EUR	7,3800	7,3800	7,3800			7,3800					
Certificate	DE000VL61HQ1	AEX 604.TS OPENV	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	DE000VL61HS7	AEX 605.TS OPENV	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	DE000VL61HU3	AEX 606.TS OPENV	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	DE000CE6FA26	AEX 606.TS OPENZ	EUR	10,5810	10,5810	10,5810			10,5810					
Certificate	DE000VL61HW9	AEX 607.TS OPENV	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	DE000VL61HY5	AEX 608.TS OPENV	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	DE000CE6FA34	AEX 608.TS OPENZ	EUR	10,7800	10,7800	10,7800			10,7800					
Certificate	DE000CE6CXY6	AEX 610.TS OPENZ	EUR	10,9800	10,9800	10,9800			10,9800					
Certificate	DE000CE6EY37	AEX 618.TS OPENZ	EUR	11,7810	11,7810	11,7810			11,7810					
Certificate	NL0012545776	AEX 634.TRSOPENH	EUR	13,3600	13,3600	13,3600			13,3600					
Certificate	NL0013078017	AEX 670.TRSOPENH	EUR	16,9600	16,9600	16,9600			16,9600					
Certificate	DE000CV8AFE4	AEX 674.TS OPENZ	EUR	17,3770	17,3770	17,3770			17,3770					
Certificate	NL0012519995	AEX 688.TRSOPENH	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	NL0011231717	AEX 153.7TL OPENH	EUR	34,9000	34,9000	34,9000			34,9000					
Certificate	NL0011596689	AEX 204.4TL OPENH	EUR	29,8900	29,8900	29,8900			29,8900					
Certificate	NL0011601554	AEX 205.3TRLOPENH	EUR	29,5800	29,5800	29,5800			29,5800					
Certificate	NL0011596671	AEX 208.6TL OPENH	EUR	29,4800	29,4800	29,4800			29,4800					
Certificate	NL0011036389	AEX 247.3TL OPENH	EUR	25,6500	25,6500	25,6500			25,6500					
Certificate	DE000CK4YLK1	AEX 260.5TL OPENZ	EUR	24,0840	24,0840	24,0840			24,0840					
Certificate	NL0011043310	AEX 261.8TL OPENH	EUR	24,2100	24,2100	24,2100			24,2100					
Certificate	NL0011036363	AEX 264.1TL OPENH	EUR	23,9900	23,9900	23,9900			23,9900					
Certificate	NL0011043302	AEX 266.1TL OPENH	EUR	23,9800	23,9800	23,7900	3597,0000	1	23,7900	150				
Certificate	NL0010246328	AEX 275.38L OPENB	EUR	22,6490	22,6490	22,6490			22,6490					
Certificate	NL0011422217	AEX 275.9TRLOPENH	EUR	22,5300	22,5300	22,5300			22,5300					
Certificate	NL0011043278	AEX 278.9TL OPENH	EUR	22,5300	22,5300	22,5300			22,5300					
Certificate	NL0010246310	AEX 282.58L OPENB	EUR	21,9230	21,9230	21,9230			21,9230					
Certificate	DE000CT9EJ80	AEX 291.1TL OPENC	EUR	25,1400	25,1400	25,1400			25,1400					
Certificate	NL0010251690	AEX 291.98L OPENB	EUR	20,9870	20,9870	20,9870			20,9870					
Certificate	DE000CK6UPV2	AEX 292.8TL OPENZ	EUR	20,8600	20,8600	20,8600			20,8600					
Certificate	NL0010225488	AEX 293.68L OPENB	EUR	20,8140	20,8140	20,8140			20,8140					
Certificate	NL0011036322	AEX 293.8TL OPENH	EUR	21,0600	21,0600	21,0600			21,0600					
Certificate	NL0011231691	AEX 295.6TL OPENH	EUR	20,8800	20,8800	20,8800			20,8800					
Certificate	NL0011043237	AEX 295.8TL OPENH	EUR	20,8600	20,8600	20,8600			20,8600					
Certificate	NL0011411855	AEX 299.5TRLOPENH	EUR	20,1600	20,1600	20,1600			20,1600					
Certificate	DE000CK6UT31	AEX 301.7TL OPENZ	EUR	19,9640	19,9640	19,9640			19,9640					
Certificate	NL0010252334	AEX 302.48L OPENB	EUR	19,9340	19,9340	19,9340			19,9340					
Certificate	NL0011036306	AEX 308.6TL OPENH	EUR	19,6000	19,6000	19,6000			19,6000					
Certificate	NL0010721494	AEX 310.8TL OPENH	EUR	19,3800	19,3800	19,3800			19,3800					
Certificate	NL0011036298	AEX 312.8TL OPENH	EUR	19,1800	19,1800	19,1800			19,1800					
Certificate	NL0010721486	AEX 319.2TL OPENH	EUR	18,5500	18,5500	18,5500			18,5500					
Certificate	NL0011036272	AEX 321.2TL OPENH	EUR	18,3500	18,3500	18,3500			18,3500					
Certificate	DE000CT9JTC2	AEX 321.3TL OPENC	EUR	21,9400	21,9400	21,9400			21,9400					
Certificate	NL0011244637	AEX 322.5TRLOPENH	EUR	17,8700	17,8700	17,8700			17,8700					
Certificate	NL0010442091	AEX 323.28L OPENB	EUR	17,8600	17,8600	17,8600			17,8600					
Certificate	NL0011035985	AEX 325.4TL OPENH	EUR	17,9300	17,9300	17,9300			17,9300					
Certificate	DE000CT9MWQ0	AEX 325.9TL OPENC	EUR	21,4500	21,4500	21,4500			21,4500					
Certificate	NL0010442166	AEX 326.68L OPENB	EUR	17,5190	17,5190	17,5190			17,5190					
Certificate	NL0011053715	AEX 326.9TRLOPENH	EUR	17,4200	17,4200	17,4200			17,4200					
Certificate	NL0010442174	AEX 330.18L OPENB	EUR	17,1680	17,1680	17,1680			17,1680					
Certificate	NL0010721213	AEX 331.9TL OPENH	EUR	17,2900	17,2900	17,2900			17,2900					
Certificate	NL0011243357	AEX 334.2TRLOPENH	EUR	16,7000	16,7000	16,7000			16,7000					
Certificate	NL0011601471	AEX 335.6TRLOPENH	EUR	16,5500	16,5500	16,5500			16,5500					
Certificate	NL0010721460	AEX 336.1TL OPENH	EUR	16,8800	16,8800	16,8800			16,8800					
Certificate	NL0010890372	AEX 336.88L OPENB	EUR	16,5380	16,5380	16,5380			16,5380					
Certificate	NL0011035951	AEX 338.1TL OPENH	EUR	16,6800	16,6800	16,6800			16,6800					
Certificate	NL0010721205	AEX 340.4TL OPENH	EUR	16,4600	16,4600	16,4600			16,4600					
Certificate	NL0010442943	AEX 340.58L OPENB	EUR	16,1250	16,1250	16,1250			16,1250					
Certificate	NL0011053707	AEX 342.9TRLOPENH	EUR	15,8300	15,8300	15,8300			15,8300					
Certificate	NL0011602586	AEX 345.2TL OPENH	EUR	15,9800	15,9800	15,9800			15,9800					
Certificate	NL0010891420	AEX 345.68L OPENB	EUR	15,6520	15,6520	15,6520			15,6520					
Certificate	NL0011603428	AEX 346.1TRLOPENH	EUR	15,5100	15,5100	15,5100			15,5100					
Certificate	NL0011602560	AEX 347.3TL OPENH	EUR	15,7700	15,7700	15,7700			15,7700					
Certificate	NL0010891438	AEX 347.98L OPENB	EUR	15,4250	15,4250	15,4250			15,4250					
Certificate	NL0011602883	AEX 350.4TL OPENH	EUR	15,4700	15,4700	15,4700			15,4700					
Certificate	NL0011243324	AEX 351.8TRLOPENH	EUR	14,9400	14,9400	14,9400			14,9400					
Certificate	NL0011602842	AEX 354.5TL OPENH	EUR	15,0600	15,0600	15,0600			15,0600					
Certificate	NL0010894069	AEX 354.68L OPENB	EUR	14,7520	14,7520	14,7520			14,7520					
Certificate	NL0011243316	AEX 356.1TRLOPENH	EUR	14,5000	14,5000	14,5000			14,5000					
Certificate	DE000CN6JRX4	AEX 356.3TL OPENZ	EUR	14,5100	14,5100	14,5100			14,5100					
Certificate	NL0011596861	AEX 357.4TRLOPENH	EUR	14,3700	14,3700	14,3700			14,3700					
Certificate	NL0011592399	AEX 358.4TRLOPENH	EUR	14,2700	14,2700	14,2700			14,2700					
Certificate	NL0011602800	AEX 358.6TL OPENH	EUR	14,6500	14,6500	14,6500			14,6500					
Certificate	NL0011602768	AEX 362.8TL OPENH	EUR	14,2400	14,2400	14,2400			14,2400					
Certificate	NL0011603386	AEX 364.4TRLOPENH	EUR	13,6800	13,6800	13,6800			13,6800					
Certificate	DE000CN6HMY7	AEX 366.4TL OPENZ	EUR	13,4940	13,4940	13,4940			13,4940					
Certificate	NL0011605738	AEX 367.9TL OPENH	EUR	13,7400	13,7400	13,7400			13,7400					
Certificate	NL0011603337	AEX 369.7TRLOPENH	EUR	13,1500	13,1500	13,1500			13,1500					
Certificate	NL0011605696	AEX 372.1TL OPENH	EUR	13,3200	13,3200	13,3200			13,3200					
Certificate	DE000CN6JRT2	AEX 373.8TL OPENZ	EUR	12,7540	12,7540	12,7540			12,7540					
Certificate	NL0011648860	AEX 373.98L OPENB	EUR	12,8240	12,8240	12,8240			12,8240					
Certificate	NL0011700752	AEX 374.1TL OPENH	EUR	13,1200	13,1200	13,1200			13,1200					
Certificate	NL0011603287	AEX 374.1TRLOPENH	EUR	12,7100	12,7100	12,7100			12,7100					
Certificate	NL0011603279	AEX 374.6TRLOPENH	EUR	12,6600	12,6600	12,6600			12,6600					
Certificate	DE000CC3Z709	AEX 375.5TL OPENC	EUR	16,1800	16,1800	16,1800			16,1800					
Certificate	NL0011722939	AEX 376.3TL OPENH	EUR	12,9000	12,9000	12,9000			12,9000					



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	NL0011603238	AEX 376.7TRLOPENH	EUR	12,4500	12,4500	12,4500			12,4500					
Certificate	NL0011705330	AEX 378.3TL OPENH	EUR	12,7100	12,7100	12,7100			12,7100					
Certificate	NL0011694856	AEX 379.4TRLOPENH	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	DE000CN6JWL9	AEX 382.1TL OPENZ	EUR	11,9330	11,9330	11,9330			11,9330					
Certificate	NL0011705298	AEX 382.4TL OPENH	EUR	12,3000	12,3000	12,3000			12,3000					
Certificate	DE000CC3ZCM5	AEX 383.6TL OPENC	EUR	15,3300	15,3300	15,3300			15,3300					
Certificate	NL0011694815	AEX 383.7TRLOPENH	EUR	11,7500	11,7500	11,7500			11,7500					
Certificate	NL0011705272	AEX 384.5TL OPENH	EUR	12,1000	12,1000	12,1000			12,1000					
Certificate	NL0011694799	AEX 385.8TRLOPENH	EUR	11,5300	11,5300	11,5300			11,5300					
Certificate	NL0011894530	AEX 387.8TL OPENH	EUR	11,7700	11,7700	11,7700			11,7700					
Certificate	NL0011694773	AEX 388.1TRLOPENH	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	NL0011891809	AEX 389.8TL OPENH	EUR	11,5700	11,5700	11,5700			11,5700					
Certificate	NL0011701040	AEX 390.1TRLOPENH	EUR	11,1100	11,1100	11,1100			11,1100					
Certificate	DE000CN6JSM5	AEX 390.4TL OPENZ	EUR	11,1030	11,1030	11,1030			11,1030					
Certificate	NL0011701032	AEX 391.1TRLOPENH	EUR	11,0000	11,0000	11,0000			11,0000					
Certificate	NL0011892666	AEX 392.9TL OPENH	EUR	11,2700	11,2700	11,2700			11,2700					
Certificate	NL0011700984	AEX 396.5TRLOPENH	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	DE000CN6K1P1	AEX 397.6TL OPENZ	EUR	10,3860	10,3860	10,3860			10,3860					
Certificate	NL0011926423	AEX 401.2TL OPENH	EUR	10,4500	10,4500	10,4500			10,4500					
Certificate	NL0011892500	AEX 401.5TRLOPENH	EUR	9,9700	9,9700	9,9700			9,9700					
Certificate	DE000CN6K7G7	AEX 403.6TL OPENZ	EUR	9,7810	9,7810	9,7810			9,7810					
Certificate	NL0011892435	AEX 405.2TRLOPENH	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	NL0011926381	AEX 405.3TL OPENH	EUR	10,0400	10,0400	10,0400			10,0400					
Certificate	NL0011926373	AEX 406.3TL OPENH	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	NL0011926365	AEX 407.4TL OPENH	EUR	10,0000	10,0000	9,8400	1860,0000	1	9,8400	186				
Certificate	DE000CN6K7J1	AEX 407.8TL OPENZ	EUR	9,3680	9,3680	9,3680			9,3680					
Certificate	NL0013189905	AEX 407.8TRLOPENH	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	DE000CD61LW8	AEX 409.7TL OPENZ	EUR	9,1740	9,1740	9,1740			9,1740					
Certificate	NL0011927413	AEX 411.5TL OPENH	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	NL0011926175	AEX 412.1TRLOPENH	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	NL0011927397	AEX 413.6TL OPENH	EUR	9,2200	9,2200	9,2200			9,2200					
Certificate	NL0011926159	AEX 413.6TRLOPENH	EUR	8,7500	8,7500	8,7500			8,7500					
Certificate	NL0011926142	AEX 414.2TRLOPENH	EUR	8,7000	8,7000	8,7000			8,7000					
Certificate	DE000CD61TW1	AEX 415.8TL OPENZ	EUR	8,5660	8,5660	8,5660			8,5660					
Certificate	NL0011926118	AEX 415.8TRLOPENH	EUR	8,5400	8,5400	8,5400			8,5400					
Certificate	NL0011993043	AEX 418.8TL OPENH	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	NL0011927215	AEX 421.6TRLOPENH	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	DE000CD625Y8	AEX 421.9TL OPENZ	EUR	7,9620	7,9620	7,9620			7,9620					
Certificate	NL0011927173	AEX 423.8TRLOPENH	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	NL0011908447	AEX 423.98L OPENB	EUR	7,6470	7,8270	7,6370	2293,3500	2	7,8270	300				
Certificate	DE000CD627Q0	AEX 423.9TL OPENZ	EUR	7,6450	8,1110	7,5010	8961,0700	13	7,7610	1168				
Certificate	NL0011928403	AEX 426.9TRLOPENH	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	NL0012048326	AEX 429.1TL OPENH	EUR	7,6900	7,6900	7,6900			7,6900					
Certificate	NL0011994686	AEX 430.5TRLOPENH	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	NL0013086028	AEX 431.2TL OPENH	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	NL0011994678	AEX 431.5TRLOPENH	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	DE000CD62619	AEX 432.1TL OPENZ	EUR	7,2570	7,2570	6,9430	3628,5000	1	6,9430	500				
Certificate	NL0012029342	AEX 432.58L OPENB	EUR	6,9680	6,9680	6,9680			6,9680					
Certificate	NL0011994660	AEX 432.6TRLOPENH	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	NL0012048870	AEX 433.2TL OPENH	EUR	7,2900	7,2900	7,2900			7,2900					
Certificate	NL0011994645	AEX 434.6TRLOPENH	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	NL0013086010	AEX 435.2TL OPENH	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	DE000CD628F1	AEX 436.1TL OPENZ	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0011994611	AEX 436.8TRLOPENH	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	NL0012049555	AEX 437.3TL OPENH	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	NL0012049548	AEX 438.3TL OPENH	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	NL0012049225	AEX 438.3TRLOPENH	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	NL0012049530	AEX 439.3TL OPENH	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	DE000CD63LY0	AEX 441.2TL OPENZ	EUR	6,0360	6,0360	6,0360			6,0360					
Certificate	NL0012050868	AEX 441.3TL OPENH	EUR	6,4900	6,4900	6,4900			6,4900					
Certificate	NL0012038541	AEX 442.98L OPENB	EUR	5,9220	5,9220	5,9220			5,9220					
Certificate	NL0012050835	AEX 444.4TL OPENH	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	NL0012049407	AEX 444.6TRLOPENH	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	DE000CD63XK4	AEX 445.2TL OPENZ	EUR	5,6390	5,6390	5,6390			5,6390					
Certificate	NL0012050710	AEX 447.7TRLOPENH	EUR	5,3000	5,3500	5,3000	1060,0000	1	5,3500	200				
Certificate	NL0012051627	AEX 448.5TL OPENH	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	DE000CD63Y90	AEX 449.2TL OPENZ	EUR	5,1700	5,6200	4,9700	49369,6700	21	5,2410	9011				
Certificate	NL0012050678	AEX 449.8TRLOPENH	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	NL0012051544	AEX 451.3TRLOPENH	EUR	5,0000	5,3000	4,9800	53447,0000	2	4,9800	10090				
Certificate	NL0012098974	AEX 452.38L OPENB	EUR	4,9880	4,9880	4,9880			4,9880					
Certificate	NL0012052427	AEX 452.5TL OPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CD63YB1	AEX 453.2TL OPENZ	EUR	4,8400	4,8400	4,8400			4,8400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012098982	AEX 453.38L OPENB	EUR	5,0470	5,0470	4,8830	252,3500	1	4,8830	50				
Certificate	NL0012052419	AEX 453.5TL OPENH	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0013189897	AEX 454.8TRLOPENH	EUR	4,5100	4,6500	4,5100	2152,6000	2	4,6400	470				
Certificate	DE000CD640U5	AEX 455.1TL OPENZ	EUR	4,6510	4,6510	4,6510			4,6510					
Certificate	NL0012100143	AEX 455.38L OPENB	EUR	5,0540	5,0540	4,6470	73775,0100	6	4,6820	15000				
Certificate	DE000VN9HKG9	AEX 455.7TL OPENV	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	NL0013079072	AEX 455.8TL OPENH	EUR	5,0600	5,1200	5,0500	26324,0000	2	5,0500	5200				
Certificate	NL0013189889	AEX 455.8TRLOPENH	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	NL0012100150	AEX 456.48L OPENB	EUR	4,9310	4,9360	4,5790	1725,8500	1	4,5790	350				
Certificate	DE000VN9HGM5	AEX 456.7TL OPENV	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	NL0012052583	AEX 457.5TRLOPENH	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0012053052	AEX 457.6TL OPENH	EUR	5,2500	5,2800	4,8700	218750,0000	9	4,8700	42000				
Certificate	DE000VN9HGN3	AEX 457.7TL OPENV	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	NL0012108922	AEX 459.1TL OPENB	EUR	5,1010	5,1010	5,0310	2550,5000	1	5,0310	500				
Certificate	NL0013126246	AEX 459.1TL OPENH	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	NL0012052559	AEX 459.1TRLOPENH	EUR	4,1500	4,2100	4,1500	415,0000	1	4,2100	100				
Certificate	DE000CD640W1	AEX 459.2TL OPENZ	EUR	4,2510	4,2510	4,2510			4,2510					
Certificate	DE000VN9HD11	AEX 459.6TL OPENV	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	NL0013125438	AEX 460.2TL OPENH	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	NL0012052872	AEX 460.2TRLOPENH	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	NL0012101018	AEX 460.58L OPENB	EUR	4,1650	4,1650	4,1650			4,1650					
Certificate	NL0012110142	AEX 460.5TL OPENB	EUR	4,8950	4,8950	4,8950			4,8950					
Certificate	DE000VN9HD45	AEX 460.6TL OPENV	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	LU1841026922	AEX 461.5TCIOPENS	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000VN9HD60	AEX 461.6TL OPENV	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	NL0012052849	AEX 461.7TRLOPENH	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	NL0012052831	AEX 462.2TRLOPENH	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	NL0012174304	AEX 462.9TL OPENH	EUR	4,2800	4,3400	4,2800	8560,0000	1	4,3400	2000				
Certificate	DE000CD64391	AEX 463.2TL OPENZ	EUR	3,8550	3,8550	3,8550			3,8550					
Certificate	NL0012110175	AEX 463.5TL OPENB	EUR	4,5940	4,5940	4,5940			4,5940					
Certificate	NL0012101638	AEX 463.68L OPENB	EUR	3,8550	3,8550	3,8550			3,8550					
Certificate	NL0013126816	AEX 463.8TRLOPENH	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	NL0012174296	AEX 463.9TL OPENH	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	DE000VA8F5B4	AEX 464.5TL OPENV	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	NL0012110183	AEX 464.6TL OPENB	EUR	4,6010	4,8510	4,4910	2605,5500	2	4,4910	550				
Certificate	NL0012052955	AEX 464.8TRLOPENH	EUR	3,5700	3,9600	3,5700	7906,5000	2	3,6300	2100				
Certificate	NL0013087950	AEX 465.2TL OPENH	EUR	3,9100	4,1300	3,9100	86,0200	1	4,1300	22				
Certificate	DE000CD647Q8	AEX 465.3TL OPENZ	EUR											
Certificate	NL0012102982	AEX 465.78L OPENB	EUR	3,6460	3,6460	3,6460			3,6460					
Certificate	NL0013086465	AEX 465.8TRLOPENH	EUR	3,9200	3,9300	3,5400	393,0000	1	3,5400	100				
Certificate	NL0013087943	AEX 466.2TL OPENH	EUR	4,1600	4,2500	4,0200	2310,5000	2	4,0200	550				
Certificate	DE000VA8F220	AEX 466.4TL OPENV	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	DE000CD643B9	AEX 467.2TL OPENZ	EUR	3,4520	3,8060	3,4520	16258,3400	8	3,4540	4450				
Certificate	DE000VA8F212	AEX 467.4TL OPENV	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	NL0012110977	AEX 467.6TL OPENB	EUR	4,1920	4,1920	4,1920			4,1920					
Certificate	NL0012053649	AEX 467.6TRLOPENH	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	NL0012174254	AEX 468.1TL OPENH	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	NL0012094932	AEX 468.1TRLOPENH	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0012110985	AEX 468.6TL OPENB	EUR	4,0120	4,0920	3,8670	4892,5000	3	4,0920	1250				
Certificate	NL0012110340	AEX 468.88L OPENB	EUR	3,1710	3,6720	3,0910	3396,3000	4	3,3410	1025				
Certificate	NL0013083272	AEX 469.1TRLOPENH	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	DE000VA71V50	AEX 469.3TL OPENV	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	NL0013084064	AEX 469.7TL OPENH	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	LU1841027060	AEX 470.1TCIOPENS	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	DE000VA71V78	AEX 470.3TL OPENV	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0012904023	AEX 470.6TRLOPENH	EUR	3,0100	3,0600	3,0100	903,0000	1	3,0600	300				
Certificate	NL0013084056	AEX 470.7TL OPENH	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	NL0012112429	AEX 470.9TL OPENB	EUR	3,8740	3,8740	3,8740			3,8740					
Certificate	DE000CD646R8	AEX 471.2TL OPENZ	EUR	3,0030	3,0900	2,8080	3353,9700	3	3,0650	1130				
Certificate	DE000VA71VV4	AEX 471.3TL OPENV	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	NL0012111199	AEX 471.88L OPENB	EUR	3,0340	3,0340	3,0340			3,0340					
Certificate	NL0013083264	AEX 472.1TRLOPENH	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	NL0012174213	AEX 472.2TL OPENH	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000VA71VX0	AEX 472.3TL OPENV	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	NL0012111207	AEX 472.98L OPENB	EUR	2,9990	3,3060	2,9290	1894,5000	2	2,9290	601				
Certificate	DE000CD647L9	AEX 473.1TL OPENZ	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	NL0012174205	AEX 473.2TL OPENH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000VA71VY8	AEX 473.3TL OPENV	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	NL0012566087	AEX 473.7TRLOPENH	EUR	2,6500	2,7600	2,6500	1623,0000	2	2,7500	600				
Certificate	NL0012174197	AEX 474.2TL OPENH	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000VA71V02	AEX 474.3TL OPENV	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0012114243	AEX 474.8TL OPENB	EUR	3,4920	3,4920	3,4920			3,4920					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012197164	AEX 475.1TL OPENH	EUR	2,9200	3,2300	2,9200	16455,7600	3	3,1400	5098				
Certificate	NL0013083256	AEX 475.1TRLOPENH	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	NL0012114250	AEX 475.8TL OPENB	EUR	3,0970	3,4820	3,0970	10061,0000	2	3,3920	3000				
Certificate	NL0012197156	AEX 476.1TL OPENH	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	NL0013083249	AEX 476.1TRLOPENH	EUR	2,4600	2,5500	2,4600	25387,3200	5	2,5200	10092				
Certificate	NL0012111678	AEX 476.2BL OPENB	EUR	2,5940	2,5940	2,5940			2,5940					
Certificate	LU1841027144	AEX 476.2CIOPENS	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000VA71RL3	AEX 477.2TL OPENV	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	NL0012113112	AEX 477.3BL OPENB	EUR	2,2660	2,9070	2,2360	226567,9200	216	2,4910	84988				
Certificate	NL0012175830	AEX 477.5TRLOPENH	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0013084049	AEX 477.7TL OPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0012114805	AEX 477.8TL OPENB	EUR	3,3530	3,3530	3,1930	670,6000	1	3,1930	200				
Certificate	DE000VA71RM1	AEX 478.2TL OPENV	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CY0AW86	AEX 478.3TL OPENC	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000CJ3PNE3	AEX 478.8TL OPENZ	EUR	2,2060	2,7250	2,0470	79129,4100	179	2,3120	32975				
Certificate	NL0012177208	AEX 479.1TRLOPENH	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0012197123	AEX 479.2TL OPENH	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000VA71RN9	AEX 479.2TL OPENV	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0012115927	AEX 479.7TL OPENB	EUR	3,1320	3,1320	3,0020	783,0000	1	3,0020	250				
Certificate	NL0013083231	AEX 480.1TRLOPENH	EUR	2,0600	2,4600	2,0200	15724,7000	12	2,1200	6980				
Certificate	NL0012116271	AEX 480.2TL OPENB	EUR	2,8660	3,3060	2,7460	4250,7500	4	2,9560	1375				
Certificate	NL0013086002	AEX 480.3TL OPENH	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	LU1841027227	AEX 480.7CIOPENS	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	NL0012116818	AEX 481.1TL OPENB	EUR	2,9110	3,1010	2,8660	176975,5000	6	2,8660	58000				
Certificate	NL0012114458	AEX 481.4BL OPENB	EUR	2,0030	2,4500	2,0030	12485,5800	9	2,0730	5450				
Certificate	NL0012198709	AEX 481.4TL OPENH	EUR	2,8900	2,8900	2,5100	10115,0000	1	2,5100	3500				
Certificate	NL0012179147	AEX 481.7TRLOPENH	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0012179139	AEX 482.2TRLOPENH	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	NL0012200158	AEX 482.4TL OPENH	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0012114490	AEX 482.5BL OPENB	EUR	1,8800	1,9700	1,8800	564,0000	1	1,9700	300				
Certificate	DE000CE6BL35	AEX 482.9TL OPENZ	EUR	1,7750	2,2930	1,6730	12079,7100	5	1,9070	6977				
Certificate	NL0012196745	AEX 483.2TRLOPENH	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0012201032	AEX 483.3TL OPENH	EUR	2,6700	2,6700	2,3400	1068,0000	1	2,3400	400				
Certificate	LU1841027490	AEX 484.3CIOPENS	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0012201024	AEX 484.3TL OPENH	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0012196729	AEX 484.3TRLOPENH	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	NL0012115877	AEX 484.4BL OPENB	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	DE000CE6BPY4	AEX 484.9TL OPENZ	EUR	1,7140	1,7140	1,7140			1,7140					
Certificate	NL0012116891	AEX 485.2TL OPENB	EUR	2,2540	2,6940	2,2540	6759,9000	3	2,4540	2600				
Certificate	DE000CY0AYF6	AEX 485.3TL OPENC	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0012197560	AEX 485.3TRLOPENH	EUR	1,5600	1,8800	1,5600	4077,0000	5	1,6200	2375				
Certificate	NL0012116909	AEX 485.7TL OPENB	EUR	2,3440	2,7040	2,2640	10056,6600	12	2,4140	3930				
Certificate	DE000VN66GQ8	AEX 485.8TL OPENV	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0012116529	AEX 485.9BL OPENB	EUR	1,5240	2,0700	1,4140	28238,6000	13	1,6240	15800				
Certificate	NL0013079064	AEX 485.9TL OPENH	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	NL0013187214	AEX 486.4TRLOPENH	EUR	1,4500	1,5100	1,4500	725,0000	1	1,5100	500				
Certificate	NL0012116925	AEX 486.8TL OPENB	EUR	2,4970	2,7520	2,3120	11511,5000	4	2,3120	4500				
Certificate	DE000CY165A0	AEX 486.8TL OPENC	EUR	3,5000	3,5000	3,1100	100750,0000	13	3,1100	30000				
Certificate	NL0013079056	AEX 486.9TL OPENH	EUR	2,0400	2,3700	1,9800	5764,5000	6	1,9800	2650				
Certificate	DE000CE6BP21	AEX 486.9TL OPENZ	EUR	1,5160	1,5160	1,5160			1,5160					
Certificate	LU1841027573	AEX 487.1CIOPENS	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	NL0012200224	AEX 487.4TRLOPENH	EUR	1,3400	1,5000	1,2100	209667,5000	4	1,4100	150125				
Certificate	NL0012117345	AEX 487.5BL OPENB	EUR	1,2240	1,8740	1,2190	2316,7800	5	1,4690	1530				
Certificate	NL0012120307	AEX 487.6TL OPENB	EUR	2,4490	2,4490	2,2340	489,8000	1	2,2340	200				
Certificate	DE000VL76GG2	AEX 487.6TL OPENV	EUR	2,3100	2,3100	2,1100	1157,3100	2	2,1100	501				
Certificate	NL0012120315	AEX 488.1TL OPENB	EUR	2,2080	2,2080	2,1830	3312,0000	1	2,1830	1500				
Certificate	NL0012200984	AEX 488.4TL OPENH	EUR	1,7600	1,8300	1,7600	880,0000	1	1,8300	500				
Certificate	NL0012117360	AEX 488.5BL OPENB	EUR	1,2660	1,7410	1,0760	171048,2000	67	1,3560	128393				
Certificate	NL0013191513	AEX 488.5TRLOPENH	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	NL0012120323	AEX 488.6TL OPENB	EUR	2,0520	2,5120	2,0520	60588,4500	30	2,1320	27100				
Certificate	DE000VL76GH0	AEX 488.6TL OPENV	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000CE6BTS8	AEX 488.9TL OPENZ	EUR	1,6450	1,6450	1,3240	329,0000	1	1,3240	200				
Certificate	NL0013189871	AEX 489.3TRLOPENH	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0012200976	AEX 489.4TL OPENH	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	LU1841027656	AEX 489.5CIOPENS	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0012120349	AEX 489.6TL OPENB	EUR	1,9130	2,2280	1,9130	10474,1000	5	2,0330	4950				
Certificate	NL0012207427	AEX 490.6TL OPENH	EUR	1,4300	2,0100	1,3500	393768,0000	12	1,6100	280400				
Certificate	NL0012200679	AEX 490.6TRLOPENH	EUR	1,0300	1,5300	0,8500	212850,0000	19	1,1000	160350				
Certificate	NL0013189863	AEX 490.8TRLOPENH	EUR	1,0300	1,0800	1,0300	515,0000	1	1,0800	500				
Certificate	DE000CE6BT16	AEX 490.9TL OPENZ	EUR	1,0140	1,1250	1,0140	304,2000	1	1,1250	300				
Certificate	NL0012117410	AEX 491.1BL OPENB	EUR	1,0240	1,5500	0,8440	57817,6500	31	1,1040	43250				
Certificate	LU1841027730	AEX 491.4CIOPENS	EUR	1,0300	1,0300	1,0300			1,0300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013079049	AEX 491.9TL OPENH	EUR	1,5600	1,7300	1,4900	3290,0000	2	1,4900	2000				
Certificate	NL0012200646	AEX 492.1TRLOPENH	EUR	0,7800	1,2100	0,7800	2925,0000	4	0,9500	2750				
Certificate	NL0012117923	AEX 492.2BL OPENB	EUR	0,9460	1,4320	0,7160	235940,1600	35	1,0010	247773				
Certificate	NL0013189855	AEX 492.3TRLOPENH	EUR	0,8500	1,1700	0,6700	7842,9800	12	0,9300	9589				
Certificate	NL0012117931	AEX 492.7BL OPENB	EUR	0,8250	1,3210	0,6550	682867,0600	99	0,9400	672735				
Certificate	DE000CE6BXR2	AEX 492.8TL OPENZ	EUR	0,8390	1,3320	0,7100	15342,6600	19	0,9320	14738				
Certificate	NL0013079031	AEX 492.9TL OPENH	EUR	1,3400	1,7600	1,3400	2950,4000	4	1,3900	1920				
Certificate	LU1841027813	AEX 493.1TCIOPENS	EUR	0,8300	1,2400	0,5900	5451,5000	19	0,8600	5460				
Certificate	NL0012200620	AEX 493.2TRLOPENH	EUR	0,7800	1,2300	0,5900	69287,1200	63	0,8500	83030				
Certificate	NL0012276349	AEX 493.5TL OPENB	EUR	1,9030	1,9030	1,6530	45530,0000	7	1,6530	25000				
Certificate	NL0013082761	AEX 493.7TRLOPENH	EUR											
Certificate	DE000VN66GY2	AEX 493.8TL OPENV	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	NL0013079023	AEX 493.9TL OPENH	EUR											
Certificate	DE000VL76CX6	AEX 494.1TL OPENV	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	LU1841027904	AEX 494.5TCIOPENS	EUR											
Certificate	NL0012276554	AEX 494.5TL OPENB	EUR											
Certificate	NL0012213151	AEX 494.7TL OPENH	EUR											
Certificate	DE000CE6BYB4	AEX 494.7TL OPENZ	EUR											
Certificate	NL0012202063	AEX 494.7TRLOPENH	EUR											
Certificate	NL0012117972	AEX 494.8BL OPENB	EUR											
Certificate	DE000VL76CY4	AEX 495.1TL OPENV	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0013082753	AEX 495.2TRLOPENH	EUR											
Certificate	NL0012117980	AEX 495.3BL OPENB	EUR											
Certificate	DE000CE6BZ54	AEX 495.3TL OPENZ	EUR											
Certificate	NL0012276562	AEX 495.5TL OPENB	EUR											
Certificate	NL0012117998	AEX 495.8BL OPENB	EUR											
Certificate	DE000VN66G03	AEX 495.8TL OPENV	EUR	1,4500	1,6300	1,3800	1731,0000	3	1,6300	1200				
Certificate	NL0012202048	AEX 495.8TRLOPENH	EUR											
Certificate	DE000VL76CZ1	AEX 496.1TL OPENV	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0012491617	AEX 496.3TL OPENB	EUR											
Certificate	NL0012202030	AEX 496.3TRLOPENH	EUR											
Certificate	NL0012366538	AEX 496.4TL OPENH	EUR											
Certificate	NL0012119127	AEX 496.7BL OPENB	EUR											
Certificate	DE000CE6BYC2	AEX 496.7TL OPENZ	EUR											
Certificate	NL0012202022	AEX 496.7TRLOPENH	EUR											
Certificate	NL0012121685	AEX 497.2BL OPENB	EUR											
Certificate	NL0013081854	AEX 497.2TRLOPENH	EUR											
Certificate	NL0013164239	AEX 497.3TL OPENB	EUR											
Certificate	NL0012374912	AEX 497.5TL OPENH	EUR											
Certificate	NL0012122808	AEX 497.7BL OPENB	EUR											
Certificate	LU1841028035	AEX 497.7TCIOPENS	EUR											
Certificate	NL0012491641	AEX 497.8TL OPENB	EUR											
Certificate	NL0013191240	AEX 497.9TL OPENH	EUR											
Certificate	NL0013080369	AEX 497.9TRLOPENH	EUR											
Certificate	NL0013018559	AEX 498.3TL OPENB	EUR											
Certificate	NL0013164247	AEX 498.3TL OPENB	EUR											
Certificate	DE000CE6C071	AEX 498.5TL OPENZ	EUR											
Certificate	NL0012203954	AEX 498.7TRLOPENH	EUR											
Certificate	NL0013018567	AEX 498.8TL OPENB	EUR											
Certificate	NL0013191232	AEX 498.9TL OPENH	EUR											
Certificate	NL0012123087	AEX 499.2BL OPENB	EUR											
Certificate	LU1841028118	AEX 499.3TCIOPENS	EUR											
Certificate	NL0013018575	AEX 499.3TL OPENB	EUR											
Certificate	NL0013164254	AEX 499.3TL OPENB	EUR											
Certificate	NL0012436950	AEX 499.4TL OPENH	EUR											
Certificate	NL0012123095	AEX 499.7BL OPENB	EUR											
Certificate	NL0012209373	AEX 499.7TRLOPENH	EUR											
Certificate	NL0013018583	AEX 499.8TL OPENB	EUR											
Certificate	NL0013164262	AEX 499.8TL OPENB	EUR											
Certificate	NL0013191224	AEX 499.9TL OPENH	EUR											
Certificate	DE000VL76C07	AEX 500.1TL OPENV	EUR	0,6800	1,2650	0,6800	3937,2500	15	0,9300	3761				
Certificate	NL0013018591	AEX 500.3TL OPENB	EUR											
Certificate	NL0013164270	AEX 500.3TL OPENB	EUR											
Certificate	DE000CE6BYE8	AEX 500.5TL OPENZ	EUR											
Certificate	DE000VA87KS9	AEX 500.6TL OPENV	EUR											
Certificate	LU1859903624	AEX 500.8TCIOPENS	EUR											
Certificate	NL0013018609	AEX 500.8TL OPENB	EUR											
Certificate	DE000VN66G52	AEX 500.8TL OPENV	EUR	1,0600	1,3700	1,0500	121,5000	2	1,1400	100				
Certificate	NL0013146202	AEX 500.9BL OPENB	EUR											
Certificate	NL0013126600	AEX 501.1TL OPENH	EUR											
Certificate	DE000VL76C15	AEX 501.1TL OPENV	EUR											
Certificate	NL0013018955	AEX 501.3TL 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	DE000VA87KW1	AEX 501.6TL OPENV	EUR											
Certificate	LU1859903897	AEX 501.7TCIOPENS	EUR											
Certificate	NL0013182991	AEX 501.7TRLOPENH	EUR											
Certificate	DE000VN66G60	AEX 501.8TL OPENV	EUR	0,9600	1,3900	0,9600	82555,0000	19	1,0400	60225				
Certificate	NL0013146210	AEX 501.98L OPENB	EUR											
Certificate	NL0013126592	AEX 502.1TL OPENH	EUR											
Certificate	DE000VL76C23	AEX 502.1TL OPENV	EUR											
Certificate	NL0013128622	AEX 502.2TRLOPENH	EUR											
Certificate	LU1859903970	AEX 502.4TCIOPENS	EUR											
Certificate	DE000CI3PP60	AEX 502.4TL OPENZ	EUR											
Certificate	DE000VA87KZ4	AEX 502.6TL OPENV	EUR											
Certificate	DE000VL76GV1	AEX 502.7TL OPENV	EUR											
Certificate	NL0013128614	AEX 502.7TRLOPENH	EUR											
Certificate	NL0013145436	AEX 502.8TL OPENB	EUR											
Certificate	NL0013146228	AEX 502.98L OPENB	EUR											
Certificate	NL0013127053	AEX 503.1TL OPENH	EUR											
Certificate	NL0013128606	AEX 503.2TRLOPENH	EUR											
Certificate	LU1859910249	AEX 503.4TCIOPENS	EUR											
Certificate	DE000VA87K23	AEX 503.6TL OPENV	EUR											
Certificate	NL0013128598	AEX 503.7TRLOPENH	EUR											
Certificate	NL0013145444	AEX 503.8TL OPENB	EUR											
Certificate	DE000CY16E48	AEX 503.8TL OPENC	EUR	1,4000	1,7900	1,4000	669,9000	2	1,4300	420				
Certificate	NL0013146236	AEX 503.98L OPENB	EUR											
Certificate	LU1859910322	AEX 504.1TCIOPENS	EUR											
Certificate	NL0013128580	AEX 504.2TRLOPENH	EUR											
Certificate	NL0013128028	AEX 504.6TL OPENH	EUR											
Certificate	DE000VA87K56	AEX 504.6TL OPENV	EUR											
Certificate	DE000CI3QKJ6	AEX 504.7TL OPENZ	EUR											
Certificate	NL0013128572	AEX 504.7TRLOPENH	EUR											
Certificate	NL0013165111	AEX 504.7TS OPENB	EUR	1,0990	1,1090	0,4990	145107,4800	39	0,5020	184858				
Certificate	NL0013145451	AEX 504.8TL OPENB	EUR											
Certificate	NL0013146244	AEX 504.98L OPENB	EUR											
Certificate	NL0013129547	AEX 505.1TL OPENH	EUR											
Certificate	NL0013185739	AEX 505.1TRLOPENH	EUR											
Certificate	LU1859910595	AEX 505.2TCIOPENS	EUR											
Certificate	NL0013165129	AEX 505.2TS OPENB	EUR	0,7700	0,7700	0,5900	518,1200	3	0,6500	784				
Certificate	NL0013146251	AEX 505.48L OPENB	EUR											
Certificate	DE000VA87K64	AEX 505.6TL OPENV	EUR											
Certificate	NL0013165137	AEX 505.7TS OPENB	EUR	0,6500	1,0650	0,6200	29256,7100	8	1,0250	43348				
Certificate	NL0013145469	AEX 505.8TL OPENB	EUR											
Certificate	NL0013146269	AEX 505.98L OPENB	EUR											
Certificate	NL0013129042	AEX 505.9TRLOPENH	EUR											
Certificate	NL0013192115	AEX 505.9TS OPENH	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CY50JQ3	AEX 506.1TL OPENC	EUR											
Certificate	NL0013129539	AEX 506.1TL OPENH	EUR											
Certificate	LU1859910678	AEX 506.2TCIOPENS	EUR											
Certificate	NL0013146699	AEX 506.38L OPENB	EUR											
Certificate	DE000VA87K72	AEX 506.6TL OPENV	EUR											
Certificate	DE000CI3PTQ4	AEX 506.7TL OPENZ	EUR											
Certificate	NL0013165145	AEX 506.7TS OPENB	EUR	1,3160	1,3660	0,7960	7515,9000	9	1,1260	6900				
Certificate	LU1521122546	AEX 506.8TCIOPENS	EUR											
Certificate	NL0013145477	AEX 506.8TL OPENB	EUR											
Certificate	DE000VN66HB8	AEX 506.8TL OPENV	EUR											
Certificate	NL0013129034	AEX 506.9TRLOPENH	EUR											
Certificate	NL0013192107	AEX 506.9TS OPENH	EUR	1,5000	1,5500	0,9500	1362,5000	3	1,2600	950				
Certificate	DE000CY50JR1	AEX 507.1TL OPENC	EUR											
Certificate	NL0013129521	AEX 507.1TL OPENH	EUR											
Certificate	NL0013146707	AEX 507.38L OPENB	EUR											
Certificate	NL0013156318	AEX 507.3TL OPENB	EUR											
Certificate	NL0013129026	AEX 507.4TRLOPENH	EUR											
Certificate	DE000VA87LC1	AEX 507.6TL OPENV	EUR											
Certificate	DE000VL2FLZ8	AEX 507.6TL OPENV	EUR											
Certificate	NL0013157647	AEX 507.78L OPENB	EUR											
Certificate	NL0013165152	AEX 507.7TS OPENB	EUR	1,0320	1,2270	1,0270	103,2000	1	1,2270	100				
Certificate	NL0013156326	AEX 507.8TL OPENB	EUR											
Certificate	DE000VN66HC6	AEX 507.8TL OPENV	EUR											
Certificate	DE000CY16MY2	AEX 507.9TL OPENC	EUR	1,0900	1,2100	1,0100	126,5000	2	1,0100	110				
Certificate	DE000VA90WU4	AEX 507.9TL OPENV	EUR											
Certificate	NL0013192099	AEX 507.9TS OPENH	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CY50JS9	AEX 508.1TL OPENC	EUR											
Certificate	NL0013185481	AEX 508.1TRLOPENH	EUR											
Certificate	NL0013157654	AEX 508.28L 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	NL0013156334	AEX 508.3TL OPENB	EUR											
Certificate	NL0013185473	AEX 508.6TRL OPENH	EUR											
Certificate	NL0013157662	AEX 508.78L OPENB	EUR											
Certificate	DE000CJ3QL71	AEX 508.7TL OPENZ	EUR											
Certificate	NL0013165160	AEX 508.7TS OPENB	EUR	1,2730	1,3280	1,2680	5172,0000	2	1,3280	4000				
Certificate	NL0013156342	AEX 508.8TL OPENB	EUR											
Certificate	DE000VA90WV2	AEX 508.9TL OPENV	EUR											
Certificate	NL0013190374	AEX 508.9TS OPENH	EUR											
Certificate	NL0013185465	AEX 509.1TRL OPENH	EUR											
Certificate	NL0013157670	AEX 509.28L OPENB	EUR											
Certificate	NL0013156797	AEX 509.3TL OPENB	EUR											
Certificate	DE000CY16QJ4	AEX 509.5TL OPENC	EUR											
Certificate	NL0013157936	AEX 509.78L OPENB	EUR											
Certificate	NL0013165178	AEX 509.7TS OPENB	EUR	1,4190	1,4290	1,0390	9524,5100	6	1,4290	7790				
Certificate	NL0013164635	AEX 509.98S OPENB	EUR	1,0850	1,0850	0,6460	126227,5000	28	1,0650	158770				
Certificate	NL0013185309	AEX 509.9TL OPENH	EUR											
Certificate	NL0013190366	AEX 509.9TS OPENH	EUR	1,6400	1,7500	1,2100	7466,0000	8	1,5500	5100				
Certificate	NL0013158769	AEX 510.28L OPENB	EUR											
Certificate	NL0013157142	AEX 510.3TL OPENB	EUR											
Certificate	NL0013164643	AEX 510.48S OPENB	EUR	1,0600	1,1150	0,6720	42468,2200	14	1,1150	53800				
Certificate	DE000VN9HFN5	AEX 510.6TS OPENV	EUR											
Certificate	NL0013158777	AEX 510.78L OPENB	EUR											
Certificate	NL0013165186	AEX 510.7TS OPENB	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	NL0013164650	AEX 510.98S OPENB	EUR	0,7860	1,1650	0,7860	477,6000	2	1,1650	600				
Certificate	NL0013185291	AEX 510.9TL OPENH	EUR											
Certificate	NL0013187537	AEX 510.9TRL OPENH	EUR											
Certificate	NL0013190358	AEX 510.9TS OPENH	EUR	1,3100	1,6500	1,2300	398,1000	2	1,6500	310				
Certificate	DE000CJ3PNS3	AEX 510.9TS OPENZ	EUR											
Certificate	NL0013159775	AEX 511.18L OPENB	EUR											
Certificate	NL0013163595	AEX 511.2TS OPENB	EUR	1,6270	1,8020	1,1970	179569,6600	38	1,5670	130117				
Certificate	NL0013157159	AEX 511.3TL OPENB	EUR											
Certificate	DE000CJ3QYA6	AEX 511.3TS OPENZ	EUR	1,2020	1,2020	0,7900	3110,1000	6	1,1710	3550				
Certificate	NL0013191489	AEX 511.5TRS OPENH	EUR	1,4200	1,4200	1,1500	2670,0000	2	1,1500	2000				
Certificate	DE000VN9HFR6	AEX 511.6TS OPENV	EUR	1,4000	1,4000	1,1900	350,0000	1	1,1900	250				
Certificate	NL0013163603	AEX 511.7TS OPENB	EUR	1,8720	1,8720	1,5320	36965,6000	8	1,6170	22800				
Certificate	NL0013164668	AEX 511.98S OPENB	EUR	0,9270	1,2650	0,9220	676,5000	2	1,2650	700				
Certificate	NL0013185283	AEX 511.9TL OPENH	EUR											
Certificate	NL0013187529	AEX 511.9TRL OPENH	EUR											
Certificate	NL0013190341	AEX 511.9TS OPENH	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0013159783	AEX 512.18L OPENB	EUR											
Certificate	NL0013163611	AEX 512.2TS OPENB	EUR	1,6680	1,6680	1,6680			1,6680					
Certificate	NL0013157167	AEX 512.3TL OPENB	EUR											
Certificate	NL0013191463	AEX 512.5TRS OPENH	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CJ3QQV8	AEX 512.6TL OPENZ	EUR											
Certificate	DE000VN9HFU0	AEX 512.6TS OPENV	EUR	1,5300	1,5300	1,2800	90800,0000	13	1,2800	60000				
Certificate	NL0013164676	AEX 512.98S OPENB	EUR	1,3160	1,3660	1,1660	775,6000	2	1,3660	600				
Certificate	NL0013185275	AEX 512.9TL OPENH	EUR											
Certificate	NL0013187511	AEX 512.9TRL OPENH	EUR											
Certificate	NL0013190333	AEX 512.9TS OPENH	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	NL0013159791	AEX 513.18L OPENB	EUR											
Certificate	NL0013163629	AEX 513.2TS OPENB	EUR	1,9790	1,9990	1,7690	1989,0000	2	1,7690	1000				
Certificate	NL0013157175	AEX 513.3TL OPENB	EUR											
Certificate	DE000CJ3QYB4	AEX 513.3TS OPENZ	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	NL0013187503	AEX 513.4TRL OPENH	EUR											
Certificate	NL0013189848	AEX 513.5TRS OPENH	EUR	1,5300	1,5800	0,9100	91753,6000	53	1,3300	74170				
Certificate	DE000VN9HFW6	AEX 513.6TS OPENV	EUR	1,1700	1,3800	1,1700	95300,0000	22	1,3800	80000				
Certificate	NL0013157183	AEX 513.8TL OPENB	EUR											
Certificate	NL0013164684	AEX 513.98S OPENB	EUR	1,4160	1,4660	1,0130	2523,2500	5	1,4660	2000				
Certificate	NL0013185267	AEX 513.9TL OPENH	EUR											
Certificate	NL0013187495	AEX 513.9TRL OPENH	EUR											
Certificate	NL0013190325	AEX 513.9TS OPENH	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0013159809	AEX 514.18L OPENB	EUR											
Certificate	NL0013163637	AEX 514.2TS OPENB	EUR	1,5500	1,8700	1,5500	3,1000	1	1,8700	2				
Certificate	NL0013157191	AEX 514.3TL OPENB	EUR											
Certificate	NL0013187487	AEX 514.4TRL OPENH	EUR											
Certificate	NL0013189822	AEX 514.5TRS OPENH	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000CJ3QQW6	AEX 514.6TL OPENZ	EUR											
Certificate	DE000VN9HFZ9	AEX 514.6TS OPENV	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0013158520	AEX 514.8TL OPENB	EUR											
Certificate	NL0013164692	AEX 514.98S OPENB	EUR	1,5660	1,5660	1,5660			1,5660					
Certificate	NL0013186331	AEX 514.9TL OPENH	EUR											
Certificate	NL0013187479	AEX 514.9TRL 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	NL0013190317	AEX 514.9TS OPENH	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0013159817	AEX 515.18L OPENB	EUR											
Certificate	NL0013163645	AEX 515.2TS OPENB	EUR	1,9710	1,9710	1,9710			1,9710					
Certificate	NL0013158538	AEX 515.3TL OPENB	EUR											
Certificate	DE000CJ3QYC2	AEX 515.3TS OPENZ	EUR	1,5590	1,5590	1,5590			1,5590					
Certificate	NL0013187461	AEX 515.4TRL OPENH	EUR											
Certificate	NL0013189806	AEX 515.5TRS OPENH	EUR	1,2100	1,5300	1,2100	2347,0000	2	1,5300	1900				
Certificate	DE000VN9HC12	AEX 515.6TS OPENV	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	NL0013187974	AEX 515.7TL OPENH	EUR											
Certificate	NL0013159064	AEX 515.8TL OPENB	EUR											
Certificate	NL0013164700	AEX 515.98S OPENB	EUR	1,6310	1,6660	1,6260	407,7500	1	1,6660	250				
Certificate	NL0013187453	AEX 515.9TRL OPENH	EUR											
Certificate	NL0013190309	AEX 515.9TS OPENH	EUR	2,2000	2,2000	2,1500	220,0000	1	2,1500	100				
Certificate	NL0013159825	AEX 516.18L OPENB	EUR											
Certificate	NL0013163652	AEX 516.2TS OPENB	EUR	1,8470	2,0720	1,8420	554,1000	1	2,0720	300				
Certificate	NL0013159072	AEX 516.3TL OPENB	EUR											
Certificate	NL0013162829	AEX 516.48S OPENB	EUR	1,7660	1,9560	1,2770	205866,2300	43	1,6950	133912				
Certificate	NL0013187446	AEX 516.4TRL OPENH	EUR											
Certificate	NL0013189780	AEX 516.5TRS OPENH	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000VN9HC38	AEX 516.6TS OPENV	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	NL0013187966	AEX 516.7TL OPENH	EUR											
Certificate	NL0013162837	AEX 516.98S OPENB	EUR	1,9660	1,9710	1,4040	23004,3900	9	1,7610	12650				
Certificate	NL0013187438	AEX 516.9TRL OPENH	EUR											
Certificate	NL0013190291	AEX 516.9TS OPENH	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	NL0013159833	AEX 517.18L OPENB	EUR											
Certificate	NL0013163660	AEX 517.2TS OPENB	EUR	2,1730	2,1730	2,1730			2,1730					
Certificate	DE000CJ3QUG1	AEX 517.2TS OPENZ	EUR	1,8560	2,0200	1,3940	16655,2600	26	1,7450	9015				
Certificate	NL0013160286	AEX 517.3TL OPENB	EUR											
Certificate	NL0013162845	AEX 517.48S OPENB	EUR	2,0560	2,0610	1,4930	41798,4900	9	1,8110	26608				
Certificate	NL0013187420	AEX 517.4TRL OPENH	EUR											
Certificate	NL0013189764	AEX 517.5TRS OPENH	EUR	1,7200	1,7300	1,3500	150300,0000	32	1,7300	100000				
Certificate	NL0013159841	AEX 517.68L OPENB	EUR											
Certificate	DE000VN9HC79	AEX 517.6TS OPENV	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0013187958	AEX 517.7TL OPENH	EUR											
Certificate	NL0013187412	AEX 517.9TRL OPENH	EUR											
Certificate	NL0013190283	AEX 517.9TS OPENH	EUR	2,1500	2,3600	2,1500	322,5000	1	2,3600	150				
Certificate	NL0013159858	AEX 518.18L OPENB	EUR											
Certificate	NL0013163678	AEX 518.2TS OPENB	EUR	2,4990	2,4990	2,2740	374,8500	1	2,2740	150				
Certificate	NL0013160294	AEX 518.3TL OPENB	EUR											
Certificate	NL0013189749	AEX 518.5TRS OPENH	EUR	1,5100	1,8300	1,4500	47053,0000	26	1,8300	29250				
Certificate	DE000VN9HA63	AEX 518.6TS OPENV	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	NL0013187941	AEX 518.7TL OPENH	EUR											
Certificate	NL0013162852	AEX 518.98S OPENB	EUR	2,0060	2,0610	1,7750	31521,5400	7	1,9510	15754				
Certificate	NL0013190275	AEX 518.9TS OPENH	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0013163686	AEX 519.2TS OPENB	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	DE000CJ3QUH9	AEX 519.2TS OPENZ	EUR	1,9990	1,9990	1,9390	199,9000	1	1,9390	100				
Certificate	NL0013160302	AEX 519.3TL OPENB	EUR											
Certificate	NL0013189731	AEX 519.5TRS OPENH	EUR	1,7500	1,9300	1,7300	696,0000	2	1,9300	400				
Certificate	DE000VN9HA89	AEX 519.6TS OPENV	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0013187933	AEX 519.7TL OPENH	EUR											
Certificate	NL0013190267	AEX 519.9TS OPENH	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	NL0013163694	AEX 520.2TS OPENB	EUR	2,6660	2,6710	2,2710	3471,4000	3	2,4760	1400				
Certificate	NL0013160310	AEX 520.3TL OPENB	EUR											
Certificate	NL0013162860	AEX 520.48S OPENB	EUR	2,1810	2,1810	1,7480	45742,7000	12	2,1110	23650				
Certificate	NL0013189723	AEX 520.5TRS OPENH	EUR	1,9100	2,0300	1,9100	286,5000	1	2,0300	150				
Certificate	DE000VN9HBA1	AEX 520.6TS OPENV	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0013187925	AEX 520.7TL OPENH	EUR											
Certificate	NL0013190259	AEX 520.9TS OPENH	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0013163702	AEX 521.2TS OPENB	EUR	2,6560	2,6660	2,1360	10740,0000	7	2,5760	4750				
Certificate	DE000CJ3QUJ5	AEX 521.2TS OPENZ	EUR	2,1380	2,1380	2,1380			2,1380					
Certificate	NL0013160328	AEX 521.3TL OPENB	EUR											
Certificate	NL0013189715	AEX 521.5TRS OPENH	EUR	2,1000	2,1300	1,8200	17805,0000	4	2,1300	9000				
Certificate	DE000VN9HBC7	AEX 521.6TS OPENV	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0013187917	AEX 521.7TL OPENH	EUR											
Certificate	NL0013162878	AEX 521.98S OPENB	EUR	2,0360	2,2610	2,0360	509,0000	1	2,2610	250				
Certificate	NL0013190242	AEX 521.9TS OPENH	EUR	2,4300	2,8000	2,4300	2615,0000	2	2,7600	1000				
Certificate	NL0013163710	AEX 522.2TS OPENB	EUR	2,6770	2,6770	2,6770			2,6770					
Certificate	NL0013189707	AEX 522.5TRS OPENH	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000VN9HBE3	AEX 522.6TS OPENV	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0013187909	AEX 522.7TL OPENH	EUR											
Certificate	NL0013163728	AEX 523.2TS OPENB	EUR	2,6530	2,7780	2,4480	1530,3000	2	2,7780	600				
Certificate	NL0013162886	AEX 523.48S OPENB	EUR	2,4660	2,4760	2,0380	1301,4500	5	2,4110	600				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3QWS2	AEX 523.4TS OPENZ	EUR	2,0270	2,3490	2,0270	2440,2000	2	2,3490	1200				
Certificate	NL0013189699	AEX 523.5TRSOPENH	EUR	2,2500	2,3200	2,2500	4599,0000	1	2,3200	2044				
Certificate	DE000VN9HBBH6	AEX 523.6TS OPENV	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	NL0013189400	AEX 523.9TS OPENH	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	DE000VA90SJ5	AEX 524.1TS OPENV	EUR											
Certificate	NL0013163736	AEX 524.2TS OPENB	EUR	3,1540	3,1540	2,8790	363,7800	2	2,8790	120				
Certificate	NL0013189681	AEX 524.5TRSOPENH	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	DE000VN9HBL8	AEX 524.6TS OPENV	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	NL0013162894	AEX 524.9BS OPENB	EUR	2,5360	2,5610	2,3390	2210,2200	3	2,5610	895				
Certificate	NL0013189392	AEX 524.9TS OPENH	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0013163744	AEX 525.2TS OPENB	EUR	3,2600	3,2600	2,9450	22037,5000	3	2,9800	7100				
Certificate	DE000CJ3QUK3	AEX 525.2TS OPENZ	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	NL0013189673	AEX 525.5TRSOPENH	EUR	2,3300	2,5200	2,3300	9029,1500	2	2,5200	3770				
Certificate	DE000VN9HBBM6	AEX 525.6TS OPENV	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	NL0013189384	AEX 525.9TS OPENH	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	DE000VA9C597	AEX 526.1TS OPENV	EUR											
Certificate	NL0013163751	AEX 526.2TS OPENB	EUR	3,2060	3,3360	3,0810	242800,0000	6	3,0810	75000				
Certificate	NL0013162902	AEX 526.4BS OPENB	EUR	2,4180	2,7100	2,4130	47945,9100	2	2,7100	19796				
Certificate	NL0013189665	AEX 526.5TRSOPENH	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000VN9G8V7	AEX 526.6TS OPENV	EUR	2,9000	2,9000	2,5600	5570,0000	4	2,6300	2000				
Certificate	NL0013189376	AEX 526.9TS OPENH	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	DE000VA9C6D0	AEX 527.1TS OPENV	EUR											
Certificate	NL0013163769	AEX 527.2TS OPENB	EUR	3,0370	3,1870	2,7970	5120,9000	5	3,1820	1700				
Certificate	DE000CJ3QW70	AEX 527.4TS OPENZ	EUR	2,7410	2,7410	2,7410			2,7410					
Certificate	DE000VN9G8W5	AEX 527.6TS OPENV	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	NL0013162910	AEX 527.9BS OPENB	EUR	3,1400	3,1400	2,4310	36097,4000	4	2,8600	14154				
Certificate	NL0013163777	AEX 528.2TS OPENB	EUR	3,2830	3,2830	3,2830			3,2830					
Certificate	NL0013188956	AEX 528.6TRSOPENH	EUR	2,9400	3,0800	2,6100	1738,0000	5	2,8300	580				
Certificate	DE000VN9G8Z8	AEX 528.6TS OPENV	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	NL0013188691	AEX 528.9TS OPENH	EUR	3,6900	3,7500	3,0900	24437,5000	7	3,4700	7000				
Certificate	NL0013188949	AEX 529.1TRSOPENH	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	NL0013161078	AEX 529.2TS OPENB	EUR	3,5570	3,5570	3,3420	212451,0000	4	3,3770	63000				
Certificate	DE000CJ3QTD0	AEX 529.2TS OPENZ	EUR	2,9180	2,9180	2,9180			2,9180					
Certificate	NL0013162928	AEX 529.4BS OPENB	EUR	2,9300	3,0100	2,6530	66900,0900	4	3,0100	24763				
Certificate	DE000VN9G8Z5	AEX 529.6TS OPENV	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	NL0013161086	AEX 529.7TS OPENB	EUR	3,6530	3,6530	3,4280	913,2500	1	3,4280	250				
Certificate	NL0013188683	AEX 529.9TS OPENH	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	NL0013155161	AEX 530.3BS OPENB	EUR	3,2600	3,2600	2,7620	5712,3000	5	3,0950	2030				
Certificate	NL0013185457	AEX 530.6TRSOPENH	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	NL0013153190	AEX 530.7TS OPENB	EUR	3,5000	3,7030	3,0680	71165,9500	36	3,4580	21150				
Certificate	DE000VA90SN7	AEX 531.1TS OPENV	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	DE000CJ3QEL5	AEX 531.1TS OPENZ	EUR	3,2400	3,2400	2,6950	2124,5000	3	3,1070	695				
Certificate	NL0013155179	AEX 531.3BS OPENB	EUR	3,2050	3,2050	3,2050			3,2050					
Certificate	NL0013080252	AEX 531.5TRSOPENH	EUR	3,2500	3,2500	2,6700	4900,0000	3	3,1100	1600				
Certificate	NL0013153208	AEX 531.7TS OPENB	EUR	3,3840	3,5590	3,3740	1015,2000	1	3,5590	300				
Certificate	NL0013008352	AEX 531.8BS OPENB	EUR	2,9370	3,3200	2,9370	1251,4000	2	3,2500	400				
Certificate	NL0013152424	AEX 531.8TS OPENB	EUR	3,5750	3,5750	3,5750			3,5750					
Certificate	NL0013152432	AEX 532.3TS OPENB	EUR	3,6260	3,6260	3,6260			3,6260					
Certificate	NL0013081268	AEX 532.4TS OPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	NL0013080237	AEX 532.5TRSOPENH	EUR	3,1500	3,2000	2,9200	17910,0000	4	3,2000	6000				
Certificate	NL0013153216	AEX 532.7TS OPENB	EUR	3,6590	3,6590	3,6590			3,6590					
Certificate	NL0013008360	AEX 532.8BS OPENB	EUR	3,2350	3,3500	3,2350	320,2700	1	3,3500	99				
Certificate	NL0013152440	AEX 532.8TS OPENB	EUR	3,6760	3,6760	3,6760			3,6760					
Certificate	NL0013080229	AEX 532.9TRSOPENH	EUR	3,3800	3,5100	2,9100	3524,0000	8	3,2600	1100				
Certificate	NL0013152457	AEX 533.3TS OPENB	EUR	3,5470	3,7270	3,5470	4969,3000	2	3,7270	1400				
Certificate	NL0013080211	AEX 533.4TRSOPENH	EUR	3,3900	3,3900	3,3100	84,7500	1	3,3100	25				
Certificate	NL0013009368	AEX 533.4TS OPENB	EUR	3,7380	3,7380	3,7380			3,7380					
Certificate	NL0013081250	AEX 533.4TS OPENH	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	NL0013008378	AEX 533.8BS OPENB	EUR	3,4690	3,4690	3,4490	1214,1500	1	3,4490	350				
Certificate	NL0013080203	AEX 533.9TRSOPENH	EUR	2,9500	3,3600	2,9500	590,0000	1	3,3600	200				
Certificate	NL0013080195	AEX 534.4TRSOPENH	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0013009376	AEX 534.4TS OPENB	EUR	3,9180	3,9180	3,8380	391,8000	1	3,8380	100				
Certificate	NL0013081243	AEX 534.4TS OPENH	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	NL0013008386	AEX 534.7BS OPENB	EUR	3,6780	3,6780	3,5480	2206,8000	1	3,5480	600				
Certificate	NL0013080187	AEX 534.9TRSOPENH	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	DE000CJ3N385	AEX 534.9TS OPENZ	EUR	3,4780	3,4780	3,4780			3,4780					
Certificate	NL0013080179	AEX 535.4TRSOPENH	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	NL0013009384	AEX 535.4TS OPENB	EUR	3,8990	3,9890	3,6940	1935,5000	4	3,9390	500				
Certificate	NL0013081235	AEX 535.4TS OPENH	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	NL0013008394	AEX 535.7BS OPENB	EUR	3,8630	3,9230	3,5480	9933,2800	5	3,6480	2675				
Certificate	NL0013080161	AEX 535.9TRSOPENH	EUR	3,8400	3,8400	3,5600	96,0000	1	3,5600	25				
Certificate	NL0013080153	AEX 536.4TRSOPENH	EUR	3,5500	3,6100	3,4000	525,0000	2	3,6100	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	NL0013007073	AEX 536.4TS OPENB	EUR	3,8640	4,0320	3,8620	42910,6800	1	4,0320	11111				
Certificate	NL0013081227	AEX 536.4TS OPENH	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000VA71QB6	AEX 536.4TS OPENV	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	NL0013008402	AEX 536.7BS OPENB	EUR	3,9920	3,9920	3,7470	7984,0000	1	3,7470	2000				
Certificate	NL0013007081	AEX 536.8TS OPENB	EUR	3,8320	4,0820	3,8270	1532,8000	1	4,0820	400				
Certificate	NL0013080146	AEX 536.9TRSOPENH	EUR	3,7500	3,7500	3,3500	1225,5000	2	3,6600	330				
Certificate	LU1840973975	AEX 537.3TPIOPENS	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	NL0013079940	AEX 537.3TS OPENH	EUR	4,1300	4,3200	4,1300	6195,0000	1	4,3200	1500				
Certificate	NL0013080138	AEX 537.4TRSOPENH	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0013007099	AEX 537.4TS OPENB	EUR	4,0430	4,1330	4,0430	4043,0000	1	4,1330	1000				
Certificate	DE000VA71QC4	AEX 537.4TS OPENV	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0013008410	AEX 537.7BS OPENB	EUR	3,8470	3,8470	3,8470			3,8470					
Certificate	NL0013007107	AEX 537.8TS OPENB	EUR	4,4280	4,4280	3,7980	2467,8000	2	4,1830	600				
Certificate	NL0013080120	AEX 537.9TRSOPENH	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	NL0013079932	AEX 538.3TS OPENH	EUR	4,0900	4,4200	4,0200	448200,0000	37	4,4200	110000				
Certificate	NL0013080112	AEX 538.4TRSOPENH	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	NL0013007115	AEX 538.4TS OPENB	EUR	4,2330	4,2330	4,2330			4,2330					
Certificate	DE000VA71QD2	AEX 538.4TS OPENV	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	LU1840974197	AEX 538.5TPIOPENS	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0013008428	AEX 538.7BS OPENB	EUR	3,9460	3,9460	3,9460			3,9460					
Certificate	NL0013006380	AEX 538.8TS OPENB	EUR	4,5240	4,5240	4,1990	3069,3000	2	4,2790	700				
Certificate	NL0013080104	AEX 538.9TRSOPENH	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	NL0013006398	AEX 539.3TS OPENB	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	NL0013079015	AEX 539.3TS OPENH	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	NL0013080096	AEX 539.4TRSOPENH	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	DE000VA71QE0	AEX 539.4TS OPENV	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	NL0013008436	AEX 539.7BS OPENB	EUR	4,0460	4,0460	4,0460			4,0460					
Certificate	NL0013080088	AEX 539.9TRSOPENH	EUR	3,7300	3,9500	3,7300	22380,0000	1	3,9500	6000				
Certificate	NL0013006810	AEX 540.2BS OPENB	EUR	4,0910	4,0910	4,0910			4,0910					
Certificate	NL0013079007	AEX 540.2TS OPENH	EUR	4,3100	4,6100	4,2200	88910,0000	5	4,6100	21000				
Certificate	NL0013079478	AEX 540.4TRSOPENH	EUR	4,1900	4,1900	3,6400	7729,5000	5	4,0000	2050				
Certificate	DE000VA71QF7	AEX 540.4TS OPENV	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0013006828	AEX 540.7BS OPENB	EUR	4,1410	4,1410	4,1410			4,1410					
Certificate	NL0013006414	AEX 540.8TS OPENB	EUR	4,1360	4,4810	4,1360	1554,5000	2	4,4810	375				
Certificate	DE000CJ3NOP1	AEX 540.8TS OPENZ	EUR	4,1320	4,3000	3,7340	2450,0000	3	4,0680	600				
Certificate	NL0013079460	AEX 540.9TRSOPENH	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	NL0013006836	AEX 541.2BS OPENB	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	NL0013078991	AEX 541.2TS OPENH	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	NL0013079452	AEX 541.4TRSOPENH	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	DE000VA71QG5	AEX 541.4TS OPENV	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	NL0013006844	AEX 541.7BS OPENB	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	LU1841095497	AEX 541.7TPIOPENS	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	NL0013006422	AEX 541.8TS OPENB	EUR	4,5810	4,5810	4,5810			4,5810					
Certificate	NL0013079445	AEX 541.9TRSOPENH	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	NL0013006067	AEX 542.1BS OPENB	EUR	4,2850	4,2850	4,2850			4,2850					
Certificate	NL0013078983	AEX 542.2TS OPENH	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	NL0013079437	AEX 542.4TRSOPENH	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	DE000VA71QH3	AEX 542.4TS OPENV	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	DE000CJ3NOQ9	AEX 542.8TS OPENZ	EUR	4,2650	4,2650	4,2650			4,2650					
Certificate	NL0013079429	AEX 542.9TRSOPENH	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	NL0013006083	AEX 543.1BS OPENB	EUR	4,3840	4,3840	4,3840			4,3840					
Certificate	NL0013078975	AEX 543.2TS OPENH	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0013078355	AEX 543.3TRSOPENH	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	DE000VA71QJ9	AEX 543.4TS OPENV	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	NL0013078348	AEX 543.8TRSOPENH	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0013005291	AEX 543.8TS OPENB	EUR	4,7790	4,7790	4,7790			4,7790					
Certificate	NL0013006091	AEX 544.1BS OPENB	EUR	4,0990	4,4830	4,0990	512,3800	1	4,4830	125				
Certificate	NL0013078967	AEX 544.2TS OPENH	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	LU1840959552	AEX 544.3TPIOPENS	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	NL0013078330	AEX 544.3TRSOPENH	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	NL0013005309	AEX 544.3TS OPENB	EUR	4,5590	4,8290	4,5540	455,9000	1	4,8290	100				
Certificate	DE000VA71QK7	AEX 544.4TS OPENV	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	NL0013078322	AEX 544.8TRSOPENH	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	NL0013005317	AEX 544.8TS OPENB	EUR	5,0840	5,0890	4,6990	10414,8000	2	4,8790	2200				
Certificate	DE000CJ3NOR7	AEX 544.8TS OPENZ	EUR	4,7280	4,7580	4,0980	8312,2800	40	4,4630	1910				
Certificate	NL0013006109	AEX 545.1BS OPENB	EUR	4,5830	4,5830	4,5830			4,5830					
Certificate	NL0013078959	AEX 545.2TS OPENH	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	LU1840909888	AEX 545.3TPIOPENS	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0013078314	AEX 545.3TRSOPENH	EUR	4,7300	4,7300	4,4900	473,0000	1	4,4900	100				
Certificate	DE000VA71QL5	AEX 545.4TS OPENV	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	NL0013078306	AEX 545.8TRSOPENH	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	NL0013005325	AEX 545.8TS OPENB	EUR	5,2000	5,2000	4,6250	47340,0000	2	4,9800	10200				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013078942	AEX 546.2TS OPENH	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	NL0013078298	AEX 546.3TRSOPENH	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	NL0013005028	AEX 546.5BS OPENB	EUR	4,8920	4,8920	4,6470	9539,0000	2	4,7270	2000				
Certificate	DE000VA7TD28	AEX 546.5TS OPENV	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	LU1840959636	AEX 546.8TPIOPENS	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	NL0013078280	AEX 546.8TRSOPENH	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	NL0013005333	AEX 546.8TS OPENB	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	DE000CJ3N055	AEX 546.8TS OPENZ	EUR	4,6620	4,6620	4,6620			4,6620					
Certificate	NL0012907802	AEX 547.2TS OPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0013078272	AEX 547.3TRSOPENH	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	DE000VA7TBF4	AEX 547.5TS OPENV	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	LU1840959719	AEX 547.6TPIOPENS	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	NL0013005341	AEX 547.7TS OPENB	EUR	4,8060	5,1810	4,8060	24030,0000	1	5,1810	5000				
Certificate	NL0013078264	AEX 547.8TRSOPENH	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	NL0013078256	AEX 548.3TRSOPENH	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	DE000VA7TBH0	AEX 548.5TS OPENV	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	DE000CV8B9P6	AEX 548.5TS OPENZ	EUR	4,8390	4,8390	4,8390			4,8390					
Certificate	NL0013005358	AEX 548.7TS OPENB	EUR	5,1970	5,2820	5,1920	1039,4000	1	5,2820	200				
Certificate	NL0012896997	AEX 548.8TRSOPENH	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	NL0012995278	AEX 548.9BS OPENB	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	LU1840909961	AEX 549.1TPIOPENS	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0013078934	AEX 549.2TS OPENH	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	NL0012896989	AEX 549.3TRSOPENH	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	NL0012995286	AEX 549.4BS OPENB	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	DE000VA7TBK4	AEX 549.5TS OPENV	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	LU1840910035	AEX 549.8TPIOPENS	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	NL0012896971	AEX 549.8TRSOPENH	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	NL0012995294	AEX 550.4BS OPENB	EUR	5,3640	5,3690	4,9480	2393,0000	2	5,1090	450				
Certificate	DE000VA7TBM0	AEX 550.5TS OPENV	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	DE000CV8B9Q4	AEX 550.5TS OPENZ	EUR	5,0370	5,0370	5,0370			5,0370					
Certificate	LU1840910118	AEX 550.6TPIOPENS	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	NL0013005374	AEX 550.7TS OPENB	EUR	5,5880	5,5880	5,4830	2654,3000	1	5,4830	475				
Certificate	NL0012902571	AEX 550.8TRSOPENH	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	NL0012994958	AEX 550.8TS OPENB	EUR	6,0530	6,0540	5,7380	39059,5000	4	6,0540	6500				
Certificate	LU1840910209	AEX 551.5TPIOPENS	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	DE000VA7TBN8	AEX 551.5TS OPENV	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	NL0012895270	AEX 551.6TRSOPENH	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	NL0012994610	AEX 552.3BS OPENB	EUR	5,3020	5,3020	5,3020			5,3020					
Certificate	NL0012900823	AEX 552.4TRSOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	LU1840910381	AEX 552.5TPIOPENS	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	DE000VA7TBP3	AEX 552.5TS OPENV	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	NL0012994974	AEX 552.8TS OPENB	EUR	6,2980	6,3010	6,2570	3150,5000	1	6,2570	500				
Certificate	DE000CJ3NX05	AEX 552.8TS OPENZ	EUR	5,2610	5,2610	5,2610			5,2610					
Certificate	NL0012895874	AEX 552.9TS OPENH	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	NL0012906283	AEX 553.3TRSOPENH	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	DE000VA7TBR9	AEX 553.5TS OPENV	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	NL0012895262	AEX 554.1TRSOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0012994636	AEX 554.3BS OPENB	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	DE000CV8B8R4	AEX 554.5TS OPENZ	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	NL0012902563	AEX 554.8TRSOPENH	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	NL0012994990	AEX 554.8TS OPENB	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	NL0012994644	AEX 555.3BS OPENB	EUR	5,5990	5,5990	5,5990			5,5990					
Certificate	LU1817216853	AEX 555.4TPIOPENS	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	NL0013085962	AEX 555.4TS OPENH	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	NL0012895239	AEX 555.6TRSOPENH	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	DE000VAD67P4	AEX 555.7TS OPENV	EUR	4,6500	4,9900	4,6500	3022,5000	1	4,9900	650				
Certificate	NL0012995005	AEX 555.8TS OPENB	EUR	6,5610	6,5610	6,5610			6,5610					
Certificate	NL0013129430	AEX 555.9TS OPENH	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	LU1817216937	AEX 556.2TPIOPENS	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	NL0013079700	AEX 556.3TRSOPENH	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000CV8B8S2	AEX 556.5TS OPENZ	EUR	5,6290	5,6290	5,6290			5,6290					
Certificate	NL0012895213	AEX 556.6TRSOPENH	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	DE000VAD67R0	AEX 556.7TS OPENV	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	NL0012995013	AEX 556.8TS OPENB	EUR	6,6120	6,6630	6,6120	2644,8000	1	6,6630	400				
Certificate	LU1817217075	AEX 557.2TPIOPENS	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	NL0012902555	AEX 557.3TRSOPENH	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	DE000VAD67T6	AEX 557.7TS OPENV	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	NL0012895841	AEX 557.9TS OPENH	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	NL0012989495	AEX 558.2BS OPENB	EUR	5,8920	5,8920	5,8920			5,8920					
Certificate	LU1817217158	AEX 558.3TPIOPENS	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	DE000CV8AYJ4	AEX 558.3TS OPENZ	EUR	5,8060	5,8060	5,8060			5,8060					
Certificate	NL0012902548	AEX 558.7TRSOPENH	EUR	5,8400	5,8400	5,8400			5,8400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VAGD7V2	AEX 558.7TS OPENV	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	NL0012989511	AEX 559.2BS OPENB	EUR	5,9920	5,9920	5,9920			5,9920					
Certificate	LU1817215533	AEX 559.2TPIOPENS	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0012938674	AEX 559.5TRSOPENH	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	NL0013087935	AEX 559.5TS OPENH	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	NL0012989529	AEX 559.7BS OPENB	EUR	6,0410	6,0410	6,0410			6,0410					
Certificate	NL0012994461	AEX 559.7TS OPENB	EUR	6,9630	6,9630	6,9630			6,9630					
Certificate	DE000VAGD7X8	AEX 559.7TS OPENV	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	NL0012937825	AEX 560.1TS OPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	LU1817215616	AEX 560.2TPIOPENS	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0012902530	AEX 560.2TRSOPENH	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	DE000CV8AX75	AEX 560.2TS OPENZ	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	DE000CV8B383	AEX 560.4TS OPENZ	EUR											
Certificate	NL0012902522	AEX 560.7TRSOPENH	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	NL0012994180	AEX 560.7TS OPENB	EUR	6,7190	7,0600	6,7190	53752,0000	1	7,0600	8000				
Certificate	DE000VAGD723	AEX 560.7TS OPENV	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	NL0012903736	AEX 560.9TS OPENH	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000CV8AGX2	AEX 561.1TL OPENZ	EUR											
Certificate	NL0012988992	AEX 561.2TS OPENB	EUR	6,9310	7,1170	6,9310	4158,6000	1	7,1170	600				
Certificate	LU1817215707	AEX 561.3TPIOPENS	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	NL0012938633	AEX 561.4TRSOPENH	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	NL0012989545	AEX 561.6BS OPENB	EUR	6,2390	6,2390	6,2390			6,2390					
Certificate	DE000VAGD5A0	AEX 561.7TS OPENV	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000CV8B375	AEX 561.8TL OPENZ	EUR											
Certificate	NL0012903728	AEX 561.9TS OPENH	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	NL0012905913	AEX 562.2TRSOPENH	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	NL0012989016	AEX 562.2TS OPENB	EUR	7,2180	7,2180	7,2180			7,2180					
Certificate	DE000CV8AX83	AEX 562.2TS OPENZ	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	NL0012937445	AEX 562.6TRSOPENH	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	LU1817215889	AEX 562.7TPIOPENS	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	DE000VAGD588	AEX 562.7TS OPENV	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0013188675	AEX 562.9TS OPENH	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	NL0012902514	AEX 563.2TRSOPENH	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	NL0012904213	AEX 563.6TRSOPENH	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	DE000VAGD5C6	AEX 563.7TS OPENV	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	NL0012988828	AEX 564.1BS OPENB	EUR	6,5750	6,6750	6,1380	38086,9000	11	6,4710	5850				
Certificate	LU1817128645	AEX 564.2TPIOPENS	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	NL0012989032	AEX 564.2TS OPENB	EUR	7,4220	7,4220	7,4220			7,4220					
Certificate	NL0012860340	AEX 564.3TRSOPENH	EUR	6,0400	6,3800	6,0400	13934,0000	2	6,3800	2300				
Certificate	DE000CV8B722	AEX 564.4TS OPENZ	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	NL0012901698	AEX 564.7TRSOPENH	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	DE000VAGD5D4	AEX 564.7TS OPENV	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	NL0012903710	AEX 564.9TS OPENH	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	NL0012849558	AEX 565.1TRSOPENH	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	NL0012792675	AEX 565.5BS OPENB	EUR	6,6240	6,6240	6,6240			6,6240					
Certificate	NL0012586895	AEX 565.6TRSOPENH	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	NL0012849541	AEX 565.6TRSOPENH	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	NL0012988562	AEX 565.7TS OPENB	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	NL0012903702	AEX 565.9TS OPENH	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	DE000CE6F9N5	AEX 565.9TS OPENZ	EUR	6,5720	6,5720	6,5720			6,5720					
Certificate	NL0012849533	AEX 566.1TRSOPENH	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	NL0012175699	AEX 566.6TRSOPENH	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	NL0013188667	AEX 566.9TS OPENH	EUR	7,3100	7,3100	7,3100			7,3100					
Certificate	NL0012988596	AEX 567.1TS OPENB	EUR	7,7220	7,7220	7,7220			7,7220					
Certificate	LU1816981952	AEX 567.3TPIOPENS	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	NL0012903983	AEX 567.5TRSOPENH	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	NL0012791685	AEX 567.5TS OPENB	EUR	7,7560	7,7560	7,7560			7,7560					
Certificate	NL0012988604	AEX 567.6TS OPENB	EUR	7,7720	7,7720	7,7720			7,7720					
Certificate	NL0012535876	AEX 568.1TS OPENH	EUR	7,2400	7,4400	7,2400	1086,0000	1	7,4400	150				
Certificate	NL0012860316	AEX 568.2TRSOPENH	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	DE000CV8AU03	AEX 568.2TS OPENZ	EUR	6,8040	6,8040	6,8040			6,8040					
Certificate	NL0012262042	AEX 568.3TS OPENB	EUR	7,8430	7,8430	7,8430			7,8430					
Certificate	NL0012860589	AEX 568.7TRSOPENH	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	LU1816980558	AEX 568.9TPIOPENS	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	NL0012982946	AEX 569.1TS OPENB	EUR	7,9170	7,9170	7,9170			7,9170					
Certificate	NL0012591036	AEX 569.5TRSOPENH	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	NL0012849525	AEX 569.5TRSOPENH	EUR	7,1200	7,1200	6,9100	356,0000	1	6,9100	50				
Certificate	NL0012531586	AEX 569.5TS OPENH	EUR	7,5800	7,5800	7,5800			7,5800					
Certificate	LU1816980632	AEX 569.7TPIOPENS	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	DE000CE6C6N4	AEX 569.7TS OPENZ	EUR	6,9510	6,9510	6,9510			6,9510					
Certificate	NL0012982953	AEX 570.1TS OPENB	EUR	8,0180	8,0180	8,0180			8,0180					
Certificate	NL0012982698	AEX 570.2BS OPENB	EUR	7,0690	7,0900	7,0640	353,4500	1	7,0900	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	NL0012175681	AEX 570.3TRSOPENH	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	NL0012910046	AEX 571.1TRSOPENH	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	NL0012507156	AEX 571.58S OPENB	EUR	7,4550	7,4550	7,0530	5843,4000	2	7,2260	800				
Certificate	NL0012904205	AEX 571.5TRSOPENH	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	DE000CE6F9P0	AEX 571.8TS OPENZ	EUR	7,1630	7,1630	7,1630			7,1630					
Certificate	NL0012903694	AEX 571.9TS OPENH	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	LU1816971136	AEX 572.2TPIOPENS	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	NL0012863591	AEX 572.4TRSOPENH	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	NL0012582019	AEX 572.8TRSOPENH	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	LU1816971219	AEX 573.2TPIOPENS	EUR	6,4900	6,4900	6,4900			6,4900					
Certificate	NL0013085954	AEX 573.4TS OPENH	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	NL0012212971	AEX 573.4TS OPENH	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	NL0012910038	AEX 573.6TRSOPENH	EUR	7,3200	7,3200	7,3200			7,3200					
Certificate	DE000CE6F9Q8	AEX 573.8TS OPENZ	EUR	7,3620	7,3620	7,3620			7,3620					
Certificate	NL0012983266	AEX 574.1TS OPENB	EUR	8,4260	8,4260	8,4260			8,4260					
Certificate	NL0012905541	AEX 574.4TRSOPENH	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	NL0013188659	AEX 574.9TS OPENH	EUR	8,1200	8,1200	8,1200			8,1200					
Certificate	NL0012861934	AEX 575.1TRSOPENH	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	NL0013078926	AEX 575.1TS OPENH	EUR	8,1500	8,1500	8,1500			8,1500					
Certificate	NL0012551626	AEX 575.7TS OPENH	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	DE000CE6F9R6	AEX 575.8TS OPENZ	EUR	7,5610	7,5610	7,5610			7,5610					
Certificate	NL0012527030	AEX 576.1TRSOPENH	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	NL0012862700	AEX 576.7TRSOPENH	EUR	7,6300	7,6300	7,6300	3052,0000	1	7,6300	400				
Certificate	NL0012501738	AEX 577.7TS OPENB	EUR	9,0350	9,0400	8,5040	2749,9700	2	8,8000	322				
Certificate	DE000CE6C816	AEX 577.7TS OPENZ	EUR	7,7480	7,7480	7,7480			7,7480					
Certificate	NL0013084163	AEX 577.8TRSOPENH	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	NL0012987804	AEX 578.1TS OPENB	EUR	9,0470	9,0570	8,6010	15978,7500	2	8,8420	1850				
Certificate	NL0012265425	AEX 578.28S OPENB	EUR	7,7880	7,8990	7,5500	4240,0300	3	7,8990	550				
Certificate	NL0012907265	AEX 578.4TRSOPENH	EUR	7,8000	7,8000	7,8000			7,8000					
Certificate	NL0012903686	AEX 578.8TS OPENH	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	NL0011589312	AEX 579.1TRSOPENH	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	NL0012862692	AEX 579.2TRSOPENH	EUR	7,8800	7,8800	7,8800			7,8800					
Certificate	DE000CE6F9S4	AEX 579.8TS OPENZ	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	NL0012903967	AEX 580.4TRSOPENH	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	NL0012551600	AEX 580.6TS OPENH	EUR	8,7000	8,7000	8,7000			8,7000					
Certificate	NL0013187891	AEX 580.7TS OPENH	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	NL0012307292	AEX 580.9TS OPENH	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	NL0012174106	AEX 581.7TS OPENH	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	DE000CE6F9T2	AEX 581.8TS OPENZ	EUR	8,1600	8,1600	8,1600			8,1600					
Certificate	NL0012545784	AEX 581.9TRSOPENH	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	NL0012892459	AEX 582.4TRSOPENH	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	DE000CV88NY5	AEX 582.7TS OPENZ	EUR											
Certificate	NL0012201446	AEX 582.9TRSOPENH	EUR	8,2600	8,2600	8,2600			8,2600					
Certificate	NL0012305759	AEX 583.8TS OPENH	EUR	9,0200	9,0200	9,0200			9,0200					
Certificate	DE000CE6F9U0	AEX 583.8TS OPENZ	EUR	8,3590	8,3590	8,3590			8,3590					
Certificate	NL0012609424	AEX 584.2TS OPENH	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	LU1756867971	AEX 584.3TPIOPENS	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	NL0012907257	AEX 584.3TRSOPENH	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	LU1757004632	AEX 584.7TPIOPENS	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	NL0012594055	AEX 585.3TRSOPENH	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	NL0012178487	AEX 585.5TS OPENH	EUR	9,2000	9,2000	9,2000			9,2000					
Certificate	NL0012537591	AEX 585.6TRSOPENH	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	NL0013078249	AEX 585.6TRSOPENH	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	DE000CE6CGN4	AEX 585.7TS OPENZ	EUR	8,5470	8,5470	8,5470			8,5470					
Certificate	LU1756868276	AEX 586.1TPIOPENS	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	LU1757004806	AEX 586.3TPIOPENS	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	NL0012903678	AEX 586.8TS OPENH	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	LU1757005019	AEX 587.2TPIOPENS	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	LU1790568288	AEX 587.2TPIOPENS	EUR	7,4400	7,4400	7,4400			7,4400					
Certificate	NL0012934996	AEX 587.6TRSOPENH	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	DE000CE6F9V8	AEX 587.8TS OPENZ	EUR	8,7590	8,7590	8,7590			8,7590					
Certificate	NL0012924930	AEX 588.4TS OPENH	EUR	9,4800	9,4800	9,4800			9,4800					
Certificate	NL0012557532	AEX 588.6TS OPENH	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	NL0012903959	AEX 589.3TRSOPENH	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	LU1790508037	AEX 589.7TPIOPENS	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	NL0012903660	AEX 589.8TS OPENH	EUR	9,6400	9,6400	9,6400			9,6400					
Certificate	DE000CE6F9W6	AEX 589.8TS OPENZ	EUR	8,9580	8,9580	8,9580			8,9580					
Certificate	NL0012200539	AEX 590.9TRSOPENH	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	LU1756878747	AEX 591.4TPIOPENS	EUR	7,3200	7,3200	7,3200			7,3200					
Certificate	NL0012560767	AEX 591.8TS OPENH	EUR	9,8400	9,8400	9,8400			9,8400					
Certificate	DE000CE6F9X4	AEX 591.8TS OPENZ	EUR	9,1570	9,1570	9,1570			9,1570					
Certificate	NL0012903942	AEX 592.3TRSOPENH	EUR	9,1900	9,1900	9,1900			9,1900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1790508383	AEX 592.9TPIOPENS	EUR	7,9800	7,9800	7,9800			7,9800					
Certificate	LU1756878820	AEX 593.9TPIOPENS	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	DE000CE6CPT2	AEX 593.9TS OPENZ	EUR	9,3690	9,3690	9,3690			9,3690					
Certificate	NL0012548663	AEX 594.2TRSOPENH	EUR	9,3800	9,3800	9,3800			9,3800					
Certificate	NL0012903652	AEX 594.8TS OPENH	EUR	10,1400	10,1400	10,1400			10,1400					
Certificate	NL0012860266	AEX 596.1TRSOPENH	EUR	9,5700	9,5700	9,5700			9,5700					
Certificate	DE000VLSR652	AEX 596.4TS OPENV	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	NL0012559116	AEX 596.5TS OPENH	EUR	10,3100	10,3100	10,3100			10,3100					
Certificate	LU1790568445	AEX 596.8TPIOPENS	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	LU1756879042	AEX 596.8TPIOPENS	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	DE000VLSR6T0	AEX 597.4TS OPENV	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	NL0012903645	AEX 597.8TS OPENH	EUR	10,6600	10,6600	10,4400	2132,0000	1	10,4400	200				
Certificate	NL0013003775	AEX 598.1TS OPENB	EUR	10,2590	10,2590	10,2590			10,2590					
Certificate	NL0012203913	AEX 598.3TRSOPENH	EUR	9,7800	9,7800	9,7800			9,7800					
Certificate	DE000VA15K12	AEX 598.3TS OPENV	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	DE000VLSR6U8	AEX 598.4TS OPENV	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	DE000VA15K20	AEX 599.3TS OPENV	EUR	8,3800	8,3800	8,3800			8,3800					
Certificate	DE000VLSR6V6	AEX 599.4TS OPENV	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	NL0012904643	AEX 599.5TRSOPENH	EUR	9,9100	9,9100	9,9100			9,9100					
Certificate	LU1790503665	AEX 599.8TPIOPENS	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	NL0012927214	AEX 600.2TS OPENH	EUR	10,6800	10,6800	10,6800			10,6800					
Certificate	DE000VA15K38	AEX 600.3TS OPENV	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	NL0012904635	AEX 600.4TRSOPENH	EUR	10,0000	10,0000	10,0000			10,0000					
Certificate	DE000VA15PR1	AEX 601.9TS OPENV	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	DE000CE6CST6	AEX 601.9TS OPENZ	EUR	10,1690	10,1690	10,1690			10,1690					
Certificate	NL0012864003	AEX 602.2TRSOPENH	EUR	10,1800	10,1800	10,1800			10,1800					
Certificate	NL0012851166	AEX 602.3TS OPENH	EUR	10,9000	10,9000	10,9000			10,9000					
Certificate	DE000VA15PS9	AEX 602.9TS OPENV	EUR	8,7700	8,7700	8,7700			8,7700					
Certificate	LU1790568791	AEX 603.4TPIOPENS	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	DE000VA15PT7	AEX 603.9TS OPENV	EUR	8,8700	8,8700	8,8700			8,8700					
Certificate	DE000CE6FA18	AEX 604.1TS OPENZ	EUR	10,3820	10,3820	10,3820			10,3820					
Certificate	NL0011047618	AEX 604.2TS OPENH	EUR	11,0900	11,0900	11,0900			11,0900					
Certificate	NL0013078231	AEX 604.5TRSOPENH	EUR	10,4000	10,4000	10,4000			10,4000					
Certificate	DE000VA15QT5	AEX 605.4TS OPENV	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	DE000VA4YQX2	AEX 605.7TS OPENV	EUR	9,4800	9,4800	9,4800			9,4800					
Certificate	NL0012523534	AEX 605.9TS OPENH	EUR	11,2600	11,2600	11,2600			11,2600					
Certificate	DE000VA15QV1	AEX 606.4TS OPENV	EUR	9,1600	9,1600	9,1600			9,1600					
Certificate	DE000VA4YQY0	AEX 606.7TS OPENV	EUR	9,5800	9,5800	9,5800			9,5800					
Certificate	NL0012237655	AEX 607.1TRSOPENH	EUR	10,6600	10,6600	10,6600			10,6600					
Certificate	DE000VA4YQZ7	AEX 607.7TS OPENV	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	NL0013085947	AEX 608.3TS OPENH	EUR	11,5000	11,5000	11,5000			11,5000					
Certificate	NL0013087448	AEX 609.1TRSOPENH	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	DE000VA4YSH1	AEX 609.3TS OPENV	EUR	9,8400	9,8400	9,8400			9,8400					
Certificate	LU1790508540	AEX 609.6TPIOPENS	EUR	9,6400	9,6400	9,6400			9,6400					
Certificate	NL0012892442	AEX 609.6TRSOPENH	EUR	10,9200	10,9200	10,9200			10,9200					
Certificate	LU1612676780	AEX 609.8TPIOPENS	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	NL0013087927	AEX 610.3TS OPENH	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	DE000VA4YSJ7	AEX 610.3TS OPENV	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	NL0012903637	AEX 610.7TS OPENH	EUR	11,7500	11,7500	11,7500			11,7500					
Certificate	NL0013003791	AEX 611.9TS OPENB	EUR	11,6520	11,6520	11,6520			11,6520					
Certificate	DE000VA4YWU6	AEX 612.1TS OPENV	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	DE000CE6FA42	AEX 612.2TS OPENZ	EUR	11,1920	11,1920	11,1920			11,1920					
Certificate	NL0013078082	AEX 612.4TRSOPENH	EUR	11,2000	11,2000	11,2000			11,2000					
Certificate	DE000VA4Y1Q2	AEX 612.8TS OPENV	EUR	10,3400	10,3400	10,3400			10,3400					
Certificate	NL0013183437	AEX 613.1TS OPENH	EUR	11,9900	11,9900	11,9900			11,9900					
Certificate	DE000CE6FA59	AEX 614.2TS OPENZ	EUR	11,3930	11,3930	11,3930			11,3930					
Certificate	NL0012309462	AEX 615.5TRSOPENH	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	NL0012507172	AEX 615.8BS OPENB	EUR	11,6530	11,6530	11,6530			11,6530					
Certificate	NL0012602171	AEX 615.8TS OPENH	EUR	12,2600	12,2600	12,2600			12,2600					
Certificate	DE000CE6FA67	AEX 616.1TS OPENZ	EUR	11,5910	11,5910	11,5910			11,5910					
Certificate	LU1695123965	AEX 616.3TPIOPENS	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	NL0013187404	AEX 617.4TRSOPENH	EUR	11,7000	11,7000	11,7000			11,7000					
Certificate	NL0012903629	AEX 618.7TS OPENH	EUR	12,5600	12,5600	12,5600			12,5600					
Certificate	DE000CE6FCH8	AEX 619.6TS OPENZ	EUR	11,9350	11,9350	11,9350			11,9350					
Certificate	NL0012905905	AEX 619.8TRSOPENH	EUR	11,9400	11,9400	11,9400			11,9400					
Certificate	NL0013185259	AEX 621.3TS OPENH	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	NL0012212948	AEX 621.4TS OPENH	EUR	12,8300	12,8300	12,8300			12,8300					
Certificate	DE000CE6FCJ4	AEX 621.6TS OPENZ	EUR	12,1330	12,1330	12,1330			12,1330					
Certificate	NL0013003809	AEX 621.8TS OPENB	EUR	12,6480	12,6480	12,6480			12,6480					
Certificate	NL0013128945	AEX 622.2TRSOPENH	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	NL0013078074	AEX 622.3TRSOPENH	EUR	12,1900	12,1900	12,1900			12,1900					
Certificate	DE000CV4Z4G2	AEX 623.5TS OPENZ	EUR	12,1000	12,3240	12,1000	121,0000	1	12,3240	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	NL0013078066	AEX 624.3TRSOPENH	EUR	12,3900	12,3900	12,3900			12,3900					
Certificate	NL0012903611	AEX 624.6TS OPENH	EUR	13,1600	13,1600	13,1600			13,1600					
Certificate	DE000CE6E228	AEX 625.6TS OPENZ	EUR	12,5400	12,5400	12,5400			12,5400					
Certificate	NL0012534473	AEX 626.1TRSOPENH	EUR	12,5700	12,5700	12,5700			12,5700					
Certificate	DE000CV4Z5D6	AEX 627.6TS OPENZ	EUR	12,7320	12,7320	12,7320			12,7320					
Certificate	NL0013078900	AEX 627.9TS OPENH	EUR	13,4900	13,4900	13,4900			13,4900					
Certificate	NL0013181035	AEX 628.6TRSOPENH	EUR	12,8100	12,8100	12,8100			12,8100					
Certificate	NL0013182082	AEX 628.7TRSOPENH	EUR	12,8300	12,8300	12,8300			12,8300					
Certificate	DE000CV4ZAT9	AEX 629.3TS OPENZ	EUR	12,9040	12,9040	12,9040			12,9040					
Certificate	NL0013078058	AEX 630.3TRSOPENH	EUR	12,9900	12,9900	12,9900			12,9900					
Certificate	DE000CV4ZGV2	AEX 631.3TS OPENZ	EUR	13,1100	13,1100	13,1100			13,1100					
Certificate	NL0013078041	AEX 632.2TRSOPENH	EUR	13,1800	13,1800	13,1800			13,1800					
Certificate	NL0013187883	AEX 633.7TS OPENH	EUR	14,0700	14,0700	14,0700			14,0700					
Certificate	DE000CE6F2G4	AEX 633.7TS OPENZ	EUR	13,3420	13,3420	13,3420			13,3420					
Certificate	NL0013003817	AEX 634.6TS OPENB	EUR	13,9420	13,9420	13,9420			13,9420					
Certificate	DE000CV4ZBX9	AEX 635.3TS OPENZ	EUR	13,5060	13,5060	13,5060			13,5060					
Certificate	NL0013078223	AEX 636.3TRSOPENH	EUR	13,5800	13,5800	13,5800			13,5800					
Certificate	DE000CV4ZGW0	AEX 637.4TS OPENZ	EUR	13,7120	13,7120	13,7120			13,7120					
Certificate	NL0012611842	AEX 637.5TS OPENH	EUR	14,4600	14,4600	14,4600			14,4600					
Certificate	NL0013078033	AEX 638.2TRSOPENH	EUR	13,7800	13,7800	13,7800			13,7800					
Certificate	NL0012789689	AEX 638.7BS OPENB	EUR	13,5770	13,9450	13,5770	135,7700	1	13,9450	10				
Certificate	DE000CV4ZLK5	AEX 639.4TS OPENZ	EUR	13,9180	13,9180	13,9180			13,9180					
Certificate	NL0012920185	AEX 641.1TRSOPENH	EUR	14,0700	14,0700	14,0700			14,0700					
Certificate	DE000CE6F4L0	AEX 641.7TS OPENZ	EUR	14,1460	14,1460	14,1460			14,1460					
Certificate	NL0013184807	AEX 643.2TS OPENH	EUR	15,0300	15,0300	15,0300			15,0300					
Certificate	DE000CV4ZMT4	AEX 643.7TS OPENZ	EUR	14,3430	14,3430	14,3430			14,3430					
Certificate	NL0013078025	AEX 644.2TRSOPENH	EUR	14,3800	14,3800	14,3800			14,3800					
Certificate	NL0013084023	AEX 644.2TS OPENH	EUR	15,1400	15,1400	15,1400			15,1400					
Certificate	NL0012308324	AEX 644.9TS OPENH	EUR	15,2100	15,2100	15,2100			15,2100					
Certificate	DE000CV4ZMU2	AEX 645.7TS OPENZ	EUR	14,5430	14,5430	14,5430			14,5430					
Certificate	NL0012523021	AEX 646.8TRSOPENH	EUR	14,6400	14,6400	14,6400			14,6400					
Certificate	DE000CV4ZP62	AEX 647.7TS OPENZ	EUR	14,7490	14,7490	14,7490			14,7490					
Certificate	NL0012849491	AEX 647.9TRSOPENH	EUR	14,7500	14,7500	14,7500			14,7500					
Certificate	NL0013129422	AEX 648.7TS OPENH	EUR	15,5900	15,5900	15,5900			15,5900					
Certificate	NL0012557995	AEX 649.3TS OPENH	EUR	15,6500	15,6500	15,6500			15,6500					
Certificate	DE000CV4ZP70	AEX 649.7TS OPENZ	EUR	14,9480	14,9480	14,9480			14,9480					
Certificate	NL0013003825	AEX 652.4TS OPENB	EUR	15,7330	15,7330	15,7330			15,7330					
Certificate	NL0013132657	AEX 652.8TRSOPENH	EUR	15,2400	15,2400	15,2400			15,2400					
Certificate	NL0013084155	AEX 654.4TRSOPENH	EUR	15,4000	15,4000	15,4000			15,4000					
Certificate	NL0013181365	AEX 654.8TS OPENH	EUR	16,2100	16,2100	16,2100			16,2100					
Certificate	NL0012543169	AEX 655.6TRSOPENH	EUR	15,5200	15,5200	15,5200			15,5200					
Certificate	NL0012308290	AEX 656.5TS OPENH	EUR	16,3800	16,3800	16,3800			16,3800					
Certificate	DE000CV88X09	AEX 657.7TS OPENZ	EUR	15,7480	15,7480	15,7480			15,7480					
Certificate	NL0012543151	AEX 659.5TRSOPENH	EUR	15,9100	15,9100	15,9100			15,9100					
Certificate	NL0011229281	AEX 665.2TS OPENH	EUR	17,2600	17,2600	17,2600			17,2600					
Certificate	NL0012547590	AEX 665.4TRSOPENH	EUR	16,5000	16,5000	16,5000			16,5000					
Certificate	DE000CV87MP7	AEX 665.7TS OPENZ	EUR	16,5470	16,5470	16,5470			16,5470					
Certificate	NL0012308274	AEX 671.9TS OPENH	EUR	17,9400	17,9400	17,9400			17,9400					
Certificate	NL0012550214	AEX 677.4TRSOPENH	EUR	17,7000	17,7000	17,7000			17,7000					
Certificate	NL0012308258	AEX 679.6TS OPENH	EUR	18,7200	18,7200	18,7200			18,7200					
Certificate	DE000CV88CK7	AEX 681.6TS OPENZ	EUR	18,1370	18,1370	18,1370			18,1370					
Certificate	NL0013078009	AEX 681.9TRSOPENH	EUR	18,1500	18,1500	18,1500			18,1500					
Certificate	NL0013077993	AEX 685.9TRSOPENH	EUR	18,5500	18,5500	18,5500			18,5500					
Certificate	NL0013078892	AEX 687.7TS OPENH	EUR	19,5400	19,5400	19,5400			19,5400					
Certificate	NL0012556500	AEX 691.2TRSOPENH	EUR	19,0800	19,0800	19,0800			19,0800					
Certificate	NL0012600100	AEX 695.8TS OPENH	EUR	20,3700	20,3700	20,3700			20,3700					
Certificate	NL0013077985	AEX 697.8TRSOPENH	EUR	19,7400	19,7400	19,7400			19,7400					
Certificate	DE000CV88L37	AEX 698.1TS OPENZ	EUR	19,7860	19,7860	19,7860			19,7860					
Certificate	NL0012551592	AEX 701.9TS OPENH	EUR	20,9800	20,9800	20,9800			20,9800					
Certificate	NL0013078884	AEX 707.6TS OPENH	EUR	21,5500	21,5500	21,5500			21,5500					
Certificate	NL0012916209	AEX 709.4TRSOPENH	EUR	20,9000	20,9000	20,9000			20,9000					
Certificate	NL0012523526	AEX 712.8TS OPENH	EUR	22,0800	22,0800	22,0800			22,0800					
Certificate	DE000CV88X17	AEX 714.1TS OPENZ	EUR	21,3890	21,3890	21,3890			21,3890					
Certificate	NL0012526396	AEX 717.3TS OPENH	EUR	22,5400	22,5400	22,5400			22,5400					
Certificate	NL0012527337	AEX 721.3TS OPENH	EUR	22,9400	22,9400	22,9400			22,9400					
Certificate	NL0013078876	AEX 727.5TS OPENH	EUR	23,5700	23,5700	23,5700			23,5700					
Certificate	DE000CV8A8W5	AEX 730.1TS OPENZ	EUR	22,9880	22,9880	22,9880			22,9880					
Certificate	NL0012537377	AEX 734.7TS OPENH	EUR	24,3000	24,3000	24,3000			24,3000					
Certificate	NL0013078868	AEX 739.5TS OPENH	EUR	24,7800	24,7800	24,7800			24,7800					
Certificate	NL0012606479	AEX 745.5TS OPENH	EUR	25,3900	25,3900	25,3900			25,3900					
Certificate	NL0012551576	AEX 748.9TS OPENH	EUR	25,7300	25,7300	25,7300			25,7300					
Certificate	NL0012851141	AEX 768.9TS OPENH	EUR	27,7600	27,7600	27,7600			27,7600					



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	FR0013123270	AEX7S SHROPENS	EUR											
Certificate	NL0013110737	AEXF SHROPENZ	EUR	14,9700	14,9700	14,9700			14,9700					
Certificate	DE000CE6BUC0	AEXG8 LEVOPENZ	EUR	10,4750	10,4750	10,4750				10,4750				
Certificate	DE000CN6JHT3	AEXG8 LEVOPENZ	EUR	0,3730	0,3730	0,3730				0,3730				
Certificate	DE000CE6BUE6	AEXG8 LEVOPENZ	EUR	9,9050	9,9050	9,9050				9,9050				
Certificate	DE000CE6BUD8	AEXG8 LEVOPENZ	EUR	10,6700	10,6700	10,6700				10,6700				
Certificate	DE000CN6JH55	AEXG8 LEVOPENZ	EUR	8,0400	8,0400	8,0400				8,0400				
Certificate	DE000CE6BUJ5	AEXG8 SHROPENZ	EUR	0,1840	0,1840	0,1840				0,1840				
Certificate	DE000CE6BUF3	AEXG8 SHROPENZ	EUR	6,9900	6,9900	6,9900				6,9900				
Certificate	DE000CE6BUG1	AEXG8 SHROPENZ	EUR	4,9160	4,9160	4,9160				4,9160				
Certificate	DE000CE6BUH9	AEXG8 SHROPENZ	EUR	1,2980	1,2980	1,2980				1,2980				
Certificate	NL0000838167	AFRIC PI OPENN	EUR	9,2000	9,5400	9,2000				9,5400				
Certificate	NL0011972369	AGEAS 27TL OPENH	EUR	1,5900	1,5900	1,5700				1,5700				
Certificate	NL0011993449	AGEAS 30TL OPENH	EUR	1,3100	1,3100	1,2900				1,2900				
Certificate	NL0012245369	AGEAS 36TS OPENH	EUR											
Certificate	NL0009998855	AGEAS 0.93TL OPENB	EUR	4,0600	4,0600	4,0300				4,0300				
Certificate	NL0011041538	AGEAS 11.1TL OPENH	EUR	3,0400	3,0400	3,0200				3,0200				
Certificate	NL0011041520	AGEAS 15.3TL OPENH	EUR	2,6600	2,6600	2,6400				2,6400				
Certificate	NL0011041512	AGEAS 17.4TL OPENH	EUR	2,4600	2,4600	2,4400				2,4400				
Certificate	NL0011041496	AGEAS 21.7TL OPENH	EUR	2,0700	2,0700	2,0500				2,0500				
Certificate	NL0011895131	AGEAS 22.8TL OPENH	EUR	1,9700	1,9700	1,9500				1,9500				
Certificate	NL0011041488	AGEAS 23.7TL OPENH	EUR	1,8800	1,8800	1,8600				1,8600				
Certificate	NL0011895115	AGEAS 24.9TL OPENH	EUR	1,7800	1,7800	1,7600				1,7600				
Certificate	NL0011895107	AGEAS 25.4TL OPENH	EUR	1,7300	1,7300	1,7100				1,7100				
Certificate	NL0012048961	AGEAS 31.8TL OPENH	EUR	1,1400	1,1400	1,1200				1,1200				
Certificate	NL0012311708	AGEAS 33.6TL OPENH	EUR	0,9600	0,9600	0,9400				0,9400				
Certificate	DE000CD640E9	AGEAS 33.6TL OPENZ	EUR	6,8800	6,8800	6,1300				6,1300				
Certificate	NL0012365761	AGEAS 34.5TL OPENH	EUR	0,8800	0,8800	0,8600				0,8600				
Certificate	NL0012306468	AGEAS 35.1TL OPENH	EUR											
Certificate	NL0012367635	AGEAS 35.7TL OPENH	EUR	0,7700	0,7700	0,7500				0,7500				
Certificate	NL0012499578	AGEAS 36.6TL OPENB	EUR	7,5300	7,5300	7,2900				7,2900				
Certificate	NL0012431506	AGEAS 36.6TL OPENH	EUR	0,6900	0,6900	0,6800				0,6800				
Certificate	NL0012538656	AGEAS 38.1TL OPENH	EUR	0,5500	0,5500	0,5300				0,5300				
Certificate	NL0012582738	AGEAS 39.6TL OPENH	EUR	0,4200	0,4200	0,4200				0,4200				
Certificate	NL0012926885	AGEAS 41.6TL OPENH	EUR											
Certificate	NL0013165384	AGEAS 42.6TS OPENB	EUR	8,6400	8,8600	8,6400				8,8600				
Certificate	NL0013161144	AGEAS 44.6TS OPENB	EUR	10,9000	11,1200	10,9000	5500,0000	1	11,1200	500				
Certificate	NL0013134216	AGEAS 45.4TS OPENH	EUR	1,0500	1,1200	1,0500				1,1200				
Certificate	NL0013009814	AGEAS 46.6TS OPENB	EUR	13,1200	13,3400	13,1200				13,3400				
Certificate	NL0012581839	AGEAS 47.1TS OPENH	EUR	1,2400	1,3100	1,2400				1,3100				
Certificate	NL0012524946	AGEAS 48.4TS OPENH	EUR	1,3800	1,4500	1,3800				1,4500				
Certificate	NL0010131561	AGEAS 5.89TL OPENB	EUR	36,0200	36,0200	35,7900				35,7900				
Certificate	NL001255361	AGEAS 52.4TS OPENH	EUR	1,8300	1,9000	1,8300				1,9000				
Certificate	DE000CK6UYT8	AGEAS 9.46TL OPENZ	EUR	31,2500	31,2500	30,4850				30,4850				
Certificate	NL0010254314	AGEAS11.16TL OPENB	EUR	31,1700	31,1700	30,9400				30,9400				
Certificate	NL0010281358	AGEAS12.77TL OPENB	EUR	29,6900	29,6900	29,4600				29,4600				
Certificate	NL0010284295	AGEAS14.35TL OPENB	EUR	28,2500	28,2500	28,0100				28,0100				
Certificate	NL0010379285	AGEAS16.16TL OPENB	EUR	26,5800	26,5800	26,3400				26,3400				
Certificate	NL0011646880	AGEAS18.57BL OPENB	EUR	21,9400	21,9400	21,7000				21,7000				
Certificate	NL0010895819	AGEAS18.59TL OPENB	EUR	23,5600	23,5600	23,3200				23,3200				
Certificate	NL0010155628	AGEAS19.41TL OPENA	EUR											
Certificate	NL0010898904	AGEAS20.18TL OPENB	EUR	22,1400	22,1400	21,9000				21,9000				
Certificate	NL0011899984	AGEAS20.75BL OPENB	EUR	19,6700	19,6700	19,4300				19,4300				
Certificate	DE000CR4GVC7	AGEAS21.95TL OPENZ	EUR	18,5100	18,5100	17,7550				17,7550				
Certificate	NL0010913026	AGEAS22.26TL OPENB	EUR	20,3000	20,3000	20,0600				20,0600				
Certificate	NL0010926168	AGEAS24.37TL OPENB	EUR	18,4100	18,4100	18,1700				18,1700				
Certificate	NL0011636535	AGEAS25.05BL OPENB	EUR	15,4700	15,4700	15,2300				15,2300				
Certificate	DE000CRAJ5T0	AGEAS26.14TL OPENZ	EUR	14,3200	14,3200	13,5600				13,5600				
Certificate	NL0011915970	AGEAS26.43TL OPENB	EUR	16,5900	16,5900	16,3500				16,3500				
Certificate	NL0000075752	AGEAS26.4TS OPENB	EUR	25,3950	25,4150	25,3950				25,4150				
Certificate	DE000CR6X825	AGEAS27.65TL OPENZ	EUR	12,8200	12,8200	12,0500				12,0500				
Certificate	NL0012030233	AGEAS28.47TL OPENB	EUR	14,7700	14,7700	14,5300				14,5300				
Certificate	DE000CV508W8	AGEAS29.59TL OPENZ	EUR	2,1750	2,1750	2,0250				2,0250				
Certificate	NL0012033310	AGEAS30.53TL OPENB	EUR	12,9400	12,9400	12,7000				12,7000				
Certificate	DE000CD63LD4	AGEAS31.61TL OPENZ	EUR	8,8600	8,8600	8,1000				8,1000				
Certificate	NL0012259394	AGEAS32.58TL OPENB	EUR	11,1100	11,1100	10,8700				10,8700				
Certificate	NL0012276745	AGEAS35.56BL OPENB	EUR	4,8600	4,8600	4,6200				4,6200				
Certificate	DE000CE6DUW4	AGEAS35.58TL OPENZ	EUR	0,9850	0,9850	0,8350				0,8350				
Certificate	NL0012489090	AGEAS37.63BL OPENB	EUR	2,7900	2,7900	2,5500				2,5500				
Certificate	DE000CE6EYV6	AGEAS38.05TL OPENZ	EUR	0,4950	0,4950	0,3450				0,3450				
Certificate	NL0012693576	AGEAS38.59TL OPENB	EUR	5,7600	5,7600	5,5200				5,5200				
Certificate	NL0012774327	AGEAS39.67BL OPENB	EUR	0,7500	0,7500	0,7500	806,2500	1	0,7500	1075				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV87QL7	AGEAS40.02TL OPENZ	EUR											
Certificate	NL0012785695	AGEAS40.59TL OPENB	EUR											
Certificate	NL0013145675	AGEAS41.57TL OPENB	EUR											
Certificate	NL0012979660	AGEAS41.67BL OPENB	EUR											
Certificate	DE000CV8A6M0	AGEAS42.01TL OPENZ	EUR											
Certificate	NL0013163124	AGEAS42.05BS OPENB	EUR	2,3200	2,5400	2,3200				2,5400				
Certificate	NL0013155310	AGEAS45.05BS OPENB	EUR	5,3200	5,5400	5,3200				5,5400				
Certificate	DE000CJ3PPG3	AGEAS46.37TS OPENZ	EUR	1,2250	1,3750	1,2250				1,3750				
Certificate	NL0012676530	AGEAS48.04BS OPENB	EUR	8,3100	8,5300	8,3100				8,5300				
Certificate	NL0012984116	AGEAS48.51TS OPENB	EUR	15,3000	15,5200	15,3000				15,5200				
Certificate	NL0012788335	AGEAS50.98BS OPENB	EUR	11,2500	11,4700	11,2500				11,4700				
Certificate	DE000CV87S80	AGEAS51.35TS OPENZ	EUR	2,2150	2,3650	2,2150				2,3650				
Certificate	NL0012983951	AGEAS53.95BS OPENB	EUR	14,2200	14,4400	14,2200				14,4400				
Certificate	DE000CV892L9	AGEAS56.34TS OPENZ	EUR	3,2150	3,3650	3,2150				3,3650				
Certificate	NL0009066687	AGFA 1TL OPENB	EUR	2,8150	2,8150	2,5950				2,5950				
Certificate	NL0012792865	AGFA 3TL OPENB	EUR	0,7650	0,7650	0,5650				0,5650				
Certificate	NL0010001251	AGFA 1.2TL OPENB	EUR	2,4550	2,4550	2,2550				2,2550				
Certificate	NL0010280822	AGFA 1.4TL OPENB	EUR	2,2650	2,2650	2,0650				2,0650				
Certificate	NL0012794713	AGFA 3.1TL OPENB	EUR	0,6750	0,6750	0,4750	945,0000	1	0,4750	1500				
Certificate	NL0012991236	AGFA 3.5TL OPENB	EUR											
Certificate	DE000CJ3QPG1	AGFA 1.93TL OPENZ	EUR	1,4500	1,4500	1,4500				1,4500				
Certificate	NL0010895843	AGFA 1.98TL OPENB	EUR	1,7650	1,7650	1,5650				1,5650				
Certificate	DE000CV87257	AGFA 2.24TL OPENZ	EUR	1,1700	1,1700	1,1700				1,1700				
Certificate	NL0011090774	AGFA 2.26TL OPENB	EUR	1,5250	1,5250	1,3250				1,3250				
Certificate	DE000CN6G1K8	AGFA 2.45TL OPENZ	EUR	0,9700	0,9700	0,9700				0,9700				
Certificate	NL0011818141	AGFA 2.52TL OPENB	EUR	1,2950	1,2950	1,0950				1,0950				
Certificate	DE000CD61P28	AGFA 2.66TL OPENZ	EUR	0,7900	0,7900	0,7700	158,0000	1	0,7700	200				
Certificate	NL0012020283	AGFA 2.79TL OPENB	EUR	1,0650	1,0650	0,8650				0,8650				
Certificate	DE000CD636Q1	AGFA 2.87TL OPENZ	EUR	0,5700	0,5700	0,5700				0,5700				
Certificate	NL0012776561	AGFA 2.89TL OPENB	EUR	0,8550	0,8550	0,6550	2960,0000	2	0,6550	4000				
Certificate	DE000CV89FM4	AGFA 3.08TL OPENZ	EUR	0,3800	0,3800	0,3800				0,3800				
Certificate	NL0013008600	AGFA 3.13BL OPENB	EUR	0,4450	0,4450	0,2450				0,2450				
Certificate	NL0012974026	AGFA 3.19TL OPENB	EUR	0,5750	0,5750	0,3750	1620,0000	1	0,3750	3000				
Certificate	NL0012976369	AGFA 3.29TL OPENB	EUR	0,4850	0,4850	0,3800	621,3000	1	0,3850	1635				
Certificate	DE000CJ3N8T6	AGFA 3.38TL OPENZ	EUR											
Certificate	NL0012976377	AGFA 3.39TL OPENB	EUR	0,3950	0,3950	0,3400	1020,0000	1	0,3550	3000				
Certificate	NL0013010812	AGFA 3.61TL OPENB	EUR											
Certificate	DE000CJ3PBZ3	AGFA 3.68TL OPENZ	EUR											
Certificate	NL0013156839	AGFA 3.71TL OPENB	EUR											
Certificate	NL0013162282	AGFA 3.84TS OPENB	EUR	0,7750	0,9750	0,7750				0,9750				
Certificate	NL0013149644	AGFA 4.04TS OPENB	EUR	0,9950	1,1950	0,9950				1,1950				
Certificate	NL0012978688	AGFA 4.24TS OPENB	EUR	1,2350	1,4350	1,2350				1,4350				
Certificate	NL0012978696	AGFA 4.44TS OPENB	EUR	1,4450	1,6450	1,4450				1,6450				
Certificate	DE000CV89SQ8	AGFA 4.45TS OPENZ	EUR	1,4800	1,4800	1,4800				1,4800				
Certificate	NL0013000581	AGFA 4.64TS OPENB	EUR	1,6650	1,8650	1,6650				1,8650				
Certificate	DE000CV8AY58	AGFA 4.92TS OPENZ	EUR	1,9800	1,9800	1,9800				1,9800				
Certificate	NL0013006513	AGFA 3.331BL OPENB	EUR	0,2450	0,2450	0,2450				0,2450				
Certificate	NL0013006521	AGFA 3.532BL OPENB	EUR											
Certificate	NL0013156946	AGFA 3.731BL OPENB	EUR											
Certificate	NL0013160146	AGFA 3.919BS OPENB	EUR	0,5250	0,7250	0,5250				0,7250				
Certificate	NL0013006703	AGFA 4.319BS OPENB	EUR	0,9250	1,1250	0,9250	5000,0000	1	1,1250	5000				
Certificate	NL0013013527	AGFA 4.717BS OPENB	EUR	1,3250	1,5250	1,3250				1,5250				
Certificate	DE000CJ3P9W6	AGNIC22.63TL OPENZ	EUR	3,1350	3,1350	3,0950				3,0950				
Certificate	DE000CV8AZK9	AGNIC26.57TL OPENZ	EUR	2,4750	2,4750	2,4350				2,4350				
Certificate	DE000CN6KWL7	AGNIC31.91TL OPENZ	EUR	1,5750	1,5750	1,5350				1,5350				
Certificate	DE000CJ3QXT8	AGNIC36.91TL OPENZ	EUR	0,7250	0,7250	0,6750				0,6750				
Certificate	DE000CE6BQU0	AHOLD LEVOPENZ	EUR	33,0400	33,7700	33,0400				33,7700				
Certificate	DE000CE6BQK1	AHOLD SHROPENZ	EUR	6,1750	6,1750	6,0150				6,0150				
Certificate	NL0010113478	AHOLD 3TL OPENB	EUR	92,9350	92,9350	92,9350				92,9350				
Certificate	NL0009974658	AHOLD 6TL OPENB	EUR	16,7800	16,7800	16,7800				16,7800				
Certificate	NL0010895884	AHOLD 11TL OPENB	EUR	11,7500	12,1100	11,7500				12,1100				
Certificate	DE000CY51682	AHOLD 12TL OPENC	EUR	11,2900	11,2900	11,2900				11,2900				
Certificate	DE000CY519X0	AHOLD 12TL OPENC	EUR	10,7500	10,7500	10,7500				10,7500				
Certificate	DE000CY516C0	AHOLD 13TL OPENC	EUR	10,3300	10,3300	10,3300				10,3300				
Certificate	DE000CY519Y8	AHOLD 13TL OPENC	EUR	9,7400	9,7400	9,7400				9,7400				
Certificate	DE000CY50LU1	AHOLD 14TL OPENC	EUR	9,3500	9,3500	9,3500				9,3500				
Certificate	DE000CY50L38	AHOLD 14TL OPENC	EUR	8,7000	8,7000	8,7000				8,7000				
Certificate	DE000CJ3NIF3	AHOLD 15TL 1218Z	EUR	1,4600	1,4750	1,4600				1,4750				
Certificate	DE000CQ5ANU7	AHOLD 15TL OPENC	EUR	7,2700	7,2700	7,2700				7,2700				
Certificate	DE000CX59K56	AHOLD 15TL OPENC	EUR	8,0600	8,0600	8,0600				8,0600				
Certificate	DE000CX59P10	AHOLD 15TL OPENC	EUR	8,7700	8,7700	8,7700				8,7700				
Certificate	DE000CQ5AXN1	AHOLD 15TL OPENC	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	DE000CY523U8	AHOLD 16TL OPENC	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	DE000CY524H3	AHOLD 16TL OPENC	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	DE000CY523E2	AHOLD 16TL OPENC	EUR	6,7300	6,7300	6,7300			6,7300					
Certificate	DE000VA7PWW4	AHOLD 17TL 0319V	EUR	5,3750	5,3750	5,3750			5,3750					
Certificate	DE000CV8ABE3	AHOLD 17TL 1218Z	EUR	1,0600	1,0750	1,0600			1,0750					
Certificate	DE000CY52B20	AHOLD 17TL OPENC	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	DE000CQ5A0S3	AHOLD 17TL OPENC	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	DE000VA64033	AHOLD 18TL 0319V	EUR	4,3750	4,3750	4,3750			4,3750					
Certificate	DE000VAGT134	AHOLD 18TL 1218V	EUR	4,3650	4,3650	4,3650			4,3650					
Certificate	DE000CV8AP28	AHOLD 18TL 1218Z	EUR	0,8600	0,8750	0,8600			0,8750					
Certificate	DE000CQ5A776	AHOLD 18TL OPENC	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	DE000CQ5A552	AHOLD 18TL OPENC	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	NL0012648729	AHOLD 19BON0619Z	EUR	21,8700	21,9550	21,8700			21,9550					
Certificate	DE000VA71X67	AHOLD 19TL 0319V	EUR	3,3750	3,3750	3,3750			3,3750					
Certificate	DE000VA71X26	AHOLD 19TL 1218V	EUR	3,3650	3,3650	3,3650			3,3650					
Certificate	DE000CQ5AJX9	AHOLD 19TL OPENC	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	DE000CQ5AHB9	AHOLD 19TL OPENC	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000CP23466	AHOLD 19TL OPENC	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	NL0012648398	AHOLD 20B0C0619Z	EUR	19,8200	19,8300	19,8200			19,8300					
Certificate	DE000VA9CT49	AHOLD 20TL 0319V	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	DE000VA9CT31	AHOLD 20TL 1218V	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	NL0013150204	AHOLD 20TL OPENB	EUR	3,4500	3,8100	3,4500	18520,0000	2		5000				
Certificate	DE000CP23474	AHOLD 20TL OPENC	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000CP231Y1	AHOLD 20TL OPENC	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0012795306	AHOLD 21B0C0319Z	EUR	20,7300	20,7500	20,7300			20,7500					
Certificate	LU1876931285	AHOLD 21TCIOPENS	EUR	1,3900	1,7500	1,3900			1,7500					
Certificate	DE000VA9CU95	AHOLD 21TL 0319V	EUR	1,4750	1,4750	1,4750			1,4750					
Certificate	DE000CP239A4	AHOLD 21TL OPENC	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	DE000CP23N64	AHOLD 21TL OPENC	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	LU1876931368	AHOLD 22TCIOPENS	EUR											
Certificate	DE000VA9CXB9	AHOLD 22TL 0319V	EUR											
Certificate	DE000CY52B46	AHOLD 22TS OPENC	EUR											
Certificate	LU1876936839	AHOLD 23TCIOPENS	EUR											
Certificate	DE000VA9OU27	AHOLD 23TS 0319V	EUR											
Certificate	DE000VN9G536	AHOLD 23TS 0319V	EUR	0,1100	0,1100	0,0900	0,2000	2	0,1050	2				
Certificate	DE000CP23Q38	AHOLD 23TS OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CP23N72	AHOLD 23TS OPENC	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	LU1876936912	AHOLD 24TCIOPENS	EUR	2,4100	2,4100	2,0600			2,0600					
Certificate	DE000VA9COB7	AHOLD 24TS 0319V	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	DE000C3JNUG1	AHOLD 24TS 1218Z	EUR	0,4100	0,4100	0,3850			0,3850					
Certificate	DE000CQ5B253	AHOLD 24TS OPENC	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	DE000CQ5BDR2	AHOLD 24TS OPENC	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	LU1876937050	AHOLD 25TCIOPENS	EUR	3,4000	3,4000	3,0500			3,0500					
Certificate	DE000VA9CW93	AHOLD 25TS 0319V	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	DE000CQ5BPL9	AHOLD 25TS OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CP06255	AHOLD 25TS OPENC	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	LU1876937134	AHOLD 26TCIOPENS	EUR	4,3900	4,3900	4,0400			4,0400					
Certificate	DE000CV8ABG8	AHOLD 26TS 1218Z	EUR	0,8000	0,8000	0,7850			0,7850					
Certificate	DE000CP23128	AHOLD 26TS OPENC	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000CP23482	AHOLD 26TS OPENC	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000CP23490	AHOLD 27TS OPENC	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	DE000CP23N80	AHOLD 27TS OPENC	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	NL0010126751	AHOLD 3.6TL OPENB	EUR	90,5550	90,5550	90,5550			90,5550					
Certificate	NL0010123261	AHOLD 6.6TL OPENB	EUR	16,2400	16,2400	16,2400			16,2400					
Certificate	NL0010280368	AHOLD 7.5TL OPENB	EUR	15,3700	15,3700	15,3700			15,3700					
Certificate	NL0010877007	AHOLD 8.4TL OPENB	EUR	14,2200	14,5700	14,2200			14,5700					
Certificate	NL0010442299	AHOLD 9.6TL OPENB	EUR	13,4400	13,4400	13,4400			13,4400					
Certificate	NL0010899076	AHOLD 10.2TL OPENB	EUR	59,6450	61,3450	59,6450			61,3450					
Certificate	NL0010898912	AHOLD 11.6TL OPENB	EUR	11,1700	11,5300	11,1700			11,5300					
Certificate	NL0010912150	AHOLD 12.2TL OPENB	EUR	10,6500	11,0100	10,6500			11,0100					
Certificate	NL0010914404	AHOLD 12.7TL OPENB	EUR	10,1600	10,5200	10,1600	255750,0000	3	10,5200	25000				
Certificate	NL0010918538	AHOLD 13.3TL OPENB	EUR	9,6700	10,0300	9,6700			10,0300					
Certificate	NL0010921763	AHOLD 13.9TL OPENB	EUR	9,0900	9,4500	9,0900			9,4500					
Certificate	NL0011260500	AHOLD 14.1TL OPENB	EUR	42,3550	44,0550	42,3550			44,0550					
Certificate	NL0012497713	AHOLD 14.8TL OPENB	EUR	8,2100	8,5700	8,2100			8,5700					
Certificate	DE000CE6EYU8	AHOLD 15.4TL OPENZ	EUR	1,3600	1,3750	1,3600			1,3750					
Certificate	DE000CE6F4G0	AHOLD 15.9TL OPENZ	EUR	1,2600	1,2850	1,2600			1,2850					
Certificate	NL0012494488	AHOLD 16.6B0C1218B	EUR	16,5600	16,5600	16,5600			16,5600					
Certificate	NL0012685010	AHOLD 16.6TL OPENB	EUR	6,5900	6,9500	6,5900			6,9500					
Certificate	DE000CV4YVR2	AHOLD 16.9TL OPENZ	EUR	1,0600	1,0850	1,0600			1,0850					
Certificate	DE000VA64025	AHOLD 17.5TL 0319V	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	DE000VAGTX96	AHOLD 17.5TL 1218V	EUR	4,8650	4,8650	4,8650			4,8650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012770721	AHOLD 17.5TL OPENB	EUR	5,7600	6,1200	5,7600			6,1200					
Certificate	NL0012779839	AHOLD 18.3TL OPENB	EUR	4,9500	5,3100	4,9500			5,3100					
Certificate	DE000VA64041	AHOLD 18.5TL 0319V	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	DE000VA6ED30	AHOLD 18.5TL 1218V	EUR	3,8650	3,8650	3,8650			3,8650					
Certificate	DE000VA710Q4	AHOLD 19.5TL 0319V	EUR	2,8750	2,8750	2,8750			2,8750					
Certificate	DE000VA710P6	AHOLD 19.5TL 1218V	EUR	2,8650	2,8650	2,8650			2,8650					
Certificate	NL0013127178	AHOLD 19.8TL OPENH	EUR	3,5800	3,8800	3,5800			3,8800					
Certificate	NL0012648943	AHOLD 20.5BOC0619Z	EUR	20,2700	20,2800	20,2700			20,2800					
Certificate	NL0012792972	AHOLD 20.8BOC1218B	EUR	20,7500	20,7500	20,7500			20,7500					
Certificate	NL0013150212	AHOLD 20.8TL OPENB	EUR	2,7100	3,0800	2,7100	308,0000	1	3,0700	100				
Certificate	NL0013151855	AHOLD 21.6TL OPENB	EUR	1,9600	2,3200	1,9600			2,3200					
Certificate	NL0013148778	AHOLD 22.2BOC1219B	EUR	20,9000	21,0500	20,9000			21,0500					
Certificate	DE000VA90YU0	AHOLD 22.3TL OPENV	EUR											
Certificate	DE000VA90TN5	AHOLD 23.1TS OPENV	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	NL0012795652	AHOLD 23.5BOC0919Z	EUR	21,6300	21,7000	21,6300			21,7000					
Certificate	NL0011656608	AHOLD 23.6TS OPENB	EUR	3,5700	3,5700	3,2100			3,2100					
Certificate	DE000CD62VH6	AHOLD 23.6TS OPENZ	EUR	0,3100	0,3100	0,2850			0,2850					
Certificate	NL0013002983	AHOLD 25.6TS OPENB	EUR	5,6600	5,6600	5,3100			5,3100					
Certificate	DE000CV8A195	AHOLD 25.6TS OPENZ	EUR	0,7000	0,7000	0,6850			0,6850					
Certificate	DE000CJ3P357	AHOLD 26.5TS 0319Z	EUR	0,9100	0,9100	0,8850			0,8850					
Certificate	NL0013150881	AHOLD 27.5TS OPENB	EUR	7,7800	7,7800	7,4300			7,4300					
Certificate	DE000CJ3QAU4	AHOLD 29.5TS 0319Z	EUR	1,5100	1,5100	1,4850			1,4850					
Certificate	NL0011044201	AHOLD 9.89TL OPENH	EUR	12,7800	13,1000	12,7800			13,1000					
Certificate	DE000CE6EH61	AHOLD11.69TL OPENZ	EUR	2,1000	2,1150	2,1000			2,1150					
Certificate	NL0011044193	AHOLD12.02TL OPENH	EUR	10,8200	11,1100	10,8200			11,1100					
Certificate	DE000CE6F2D1	AHOLD12.19TL OPENZ	EUR	2,0000	2,0150	2,0000			2,0150					
Certificate	NL0012273940	AHOLD12.41BL OPENB	EUR	9,7400	10,1000	9,7400			10,1000					
Certificate	DE000CE6DMK6	AHOLD12.71TL OPENZ	EUR	1,9000	1,9150	1,9000			1,9150					
Certificate	NL0011044185	AHOLD13.09TL OPENH	EUR	9,8200	10,1200	9,8200			10,1200					
Certificate	DE000CR4JDR7	AHOLD13.23TL OPENZ	EUR	4,2500	4,3050	4,2500			4,3050					
Certificate	NL0011442231	AHOLD13.45BL OPENB	EUR	8,6800	9,0300	8,6800			9,0300					
Certificate	DE000CC5KCK6	AHOLD13.47TL OPENC	EUR	9,5300	9,5300	9,5300			9,5300					
Certificate	DE000VL2FRN1	AHOLD13.59TL OPENV	EUR	9,0150	9,0150	9,0150			9,0150					
Certificate	DE000CR4H9M9	AHOLD13.71TL OPENZ	EUR	8,4700	8,5700	8,4700			8,5700					
Certificate	NL0011044177	AHOLD14.15TL OPENH	EUR	8,8300	9,1400	8,8300			9,1400					
Certificate	DE000CR4J5V6	AHOLD14.41TL OPENZ	EUR	7,7700	7,8800	7,7700			7,8800					
Certificate	DE000CR6XCT1	AHOLD14.49TL OPENZ	EUR	3,6600	3,7050	3,6600			3,7050					
Certificate	NL0011442249	AHOLD14.54BL OPENB	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	LU1574195100	AHOLD14.88TCIOPENS	EUR	7,6400	8,0000	7,6400			8,0000					
Certificate	NL0012520340	AHOLD14.94TL OPENH	EUR	8,0800	8,4000	8,0800			8,4000					
Certificate	DE000CC8A2Y4	AHOLD14.97TL OPENC	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	DE000VL2FV38	AHOLD15.11TL OPENV	EUR	7,4850	7,4850	7,4850			7,4850					
Certificate	NL0012501399	AHOLD15.31BL OPENB	EUR	6,8400	7,2000	6,8400			7,2000					
Certificate	DE000VL37ES4	AHOLD15.64TL OPENV	EUR	6,9750	6,9750	6,9750			6,9750					
Certificate	NL0012509020	AHOLD16.08BL OPENB	EUR	6,0800	6,4300	6,0800			6,4300					
Certificate	DE000VL37QV2	AHOLD16.14TL OPENV	EUR	6,4650	6,4650	6,4650			6,4650					
Certificate	DE000CJ3P3Q1	AHOLD16.25TL 0319Z	EUR	1,2100	1,2250	1,2100			1,2250					
Certificate	NL0012538649	AHOLD16.32TL OPENH	EUR	6,8200	7,1200	6,8200			7,1200					
Certificate	LU1650853457	AHOLD16.42TCIOPENS	EUR	6,1100	6,4700	6,1100			6,4700					
Certificate	DE000VL5RW48	AHOLD16.66TL OPENV	EUR	5,9550	5,9550	5,9550			5,9550					
Certificate	NL0012685390	AHOLD16.85BL OPENB	EUR	5,3600	5,7200	5,3600			5,7200					
Certificate	DE000VAGTXR5	AHOLD17.05TL OPENV	EUR	5,2450	5,2450	5,2450			5,2450					
Certificate	DE000VL76E54	AHOLD17.21TL OPENV	EUR	5,4550	5,4550	5,4550			5,4550					
Certificate	NL0012583421	AHOLD17.32TL OPENH	EUR	5,8700	6,1900	5,8700			6,1900					
Certificate	DE000VA64XA9	AHOLD17.65TL OPENV	EUR	4,6450	4,6450	4,6450			4,6450					
Certificate	DE000VL76NP9	AHOLD17.73TL OPENV	EUR	4,9450	4,9450	4,9450			4,9450					
Certificate	DE000CV87RC4	AHOLD17.88TL OPENZ	EUR	0,8600	0,8750	0,8600	326,2500	1	0,8750	375				
Certificate	DE000VAGTXS3	AHOLD18.05TL OPENV	EUR	4,2350	4,2350	4,2350			4,2350					
Certificate	DE000VL8XJ51	AHOLD18.24TL OPENV	EUR	4,4450	4,4450	4,4450			4,4450					
Certificate	NL0012600886	AHOLD18.31TL OPENH	EUR	4,9600	5,2600	4,9600			5,2600					
Certificate	LU1817372987	AHOLD18.32TCIOPENS	EUR	3,9700	4,3400	3,9700			4,3400					
Certificate	NL0012779466	AHOLD18.38BL OPENB	EUR	3,7800	4,1400	3,7800	61,9500	1	4,1400	15				
Certificate	LU1840350067	AHOLD18.64TCIOPENS	EUR	3,6600	4,0200	3,6600			4,0200					
Certificate	DE000VAGTXT1	AHOLD18.65TL OPENV	EUR	3,6350	3,6350	3,6350			3,6350					
Certificate	DE000CJ3P3R9	AHOLD18.75TL 0319Z	EUR	0,7100	0,7250	0,7100			0,7250					
Certificate	DE000VL97TB2	AHOLD18.75TL OPENV	EUR	3,9350	3,9350	3,9350			3,9350					
Certificate	DE000CJ3N2Y9	AHOLD18.77TL OPENZ	EUR	0,6900	0,7050	0,6900			0,7050					
Certificate	NL0012904957	AHOLD18.81TL OPENH	EUR	4,5000	4,8000	4,5000			4,8000					
Certificate	DE000VA7TFM1	AHOLD18.87TL OPENV	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	LU1840980756	AHOLD18.97TCIOPENS	EUR	3,3500	3,7100	3,3500			3,7100					
Certificate	DE000VA71WX8	AHOLD19.07TL OPENV	EUR	3,2350	3,2350	3,2350			3,2350					
Certificate	DE000VA71Z32	AHOLD19.27TL OPENV	EUR	3,0350	3,0350	3,0350			3,0350					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71184	AHOLD19.477L OPENV	EUR	2,8350	2,8350	2,8350			2,8350					
Certificate	LU1841153015	AHOLD19.587C IOPE NS	EUR	2,7600	3,1200	2,7600			3,1200					
Certificate	DE000CJ3PF88	AHOLD19.677L OPENZ	EUR	0,5100	0,5350	0,5100			0,5350					
Certificate	DE000VA87K80	AHOLD19.687L OPENV	EUR	2,6450	2,6450	2,6450			2,6450					
Certificate	NL0013149909	AHOLD19.888L OPENB	EUR	2,2800	2,6400	2,2800			2,6400					
Certificate	DE000VA87LB3	AHOLD19.887L OPENV	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	DE000VA9CVX7	AHOLD20.087L OPENV	EUR	2,2450	2,2450	2,2450			2,2450					
Certificate	DE000CJ3P4W7	AHOLD20.257L 0319Z	EUR	0,4100	0,4250	0,4100			0,4250					
Certificate	DE000VA9CVY5	AHOLD20.287L OPENV	EUR	2,0450	2,0450	2,0450			2,0450					
Certificate	DE000VA9CV22	AHOLD20.487L OPENV	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	NL0013149917	AHOLD20.638L OPENB	EUR	1,5300	1,8800	1,5300			1,8800					
Certificate	DE000CJ3P1W3	AHOLD20.657L OPENZ	EUR	0,3100	0,3350	0,3100			0,3350					
Certificate	DE000VA9CV11	AHOLD20.687L OPENV	EUR	1,6350	1,6350	1,6350			1,6350					
Certificate	DE000VA9CYD3	AHOLD20.897L OPENV	EUR	1,4450	1,4450	1,4450			1,4450					
Certificate	DE000VA9CYE1	AHOLD21.097L OPENV	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000VA9CYF8	AHOLD21.297L OPENV	EUR	1,1500	1,1500	1,0650	17,2500	1	1,0650	15				
Certificate	NL0013132558	AHOLD21.337L OPENH	EUR	2,1400	2,4600	2,1400			2,4600					
Certificate	NL0013151509	AHOLD21.388L OPENB	EUR	0,7800	1,1300	0,7800			1,1300					
Certificate	DE000VA9CYH4	AHOLD21.497L OPENV	EUR	0,8700	0,8950	0,8700	87,0000	1	0,8950	100				
Certificate	DE000CJ3P7N9	AHOLD21.657L OPENZ	EUR	0,1200	0,1350	0,1200			0,1350					
Certificate	DE000VA9CYL6	AHOLD21.697L OPENV	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	DE000VA9CYN2	AHOLD21.897L OPENV	EUR											
Certificate	DE000VA9CYQ5	AHOLD22.097L OPENV	EUR											
Certificate	NL0013151517	AHOLD22.138L OPENB	EUR											
Certificate	NL0013184575	AHOLD22.137L OPENH	EUR											
Certificate	DE000VN9HG34	AHOLD22.687S OPENV	EUR											
Certificate	DE000VN9HBY1	AHOLD22.887S OPENV	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0013184872	AHOLD23.097S OPENH	EUR	2,9800	2,9800	2,7700			2,7700					
Certificate	DE000VA8FZF0	AHOLD23.347S OPENV	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	DE000VA323A2	AHOLD23.897S OPENV	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000VA9CVT5	AHOLD23.927S OPENV	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	NL0011230982	AHOLD24.067S OPENH	EUR	4,0200	4,0200	3,8200			3,8200					
Certificate	DE000VA9CVU3	AHOLD24.127S OPENV	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	NL0012780134	AHOLD24.158S OPENB	EUR	2,3300	2,3300	1,9800			1,9800					
Certificate	DE000VA9CVV1	AHOLD24.327S OPENV	EUR	2,1750	2,1750	2,1750			2,1750					
Certificate	DE000VA9CVW9	AHOLD24.527S OPENV	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	DE000VA4YXB4	AHOLD24.897S OPENV	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	DE000VA9CXW5	AHOLD24.927S OPENV	EUR	2,7850	2,7850	2,7850			2,7850					
Certificate	DE000VA9CXY1	AHOLD25.127S OPENV	EUR	2,9850	2,9850	2,9850			2,9850					
Certificate	DE000VA9CXZ8	AHOLD25.327S OPENV	EUR	3,1850	3,1850	3,1850			3,1850					
Certificate	DE000VA9CX19	AHOLD25.527S OPENV	EUR	3,3850	3,3850	3,3850			3,3850					
Certificate	DE000VA9CX35	AHOLD25.727S OPENV	EUR	3,5850	3,5850	3,5850			3,5850					
Certificate	DE000VA9CX50	AHOLD25.927S OPENV	EUR	3,7850	3,7850	3,7850			3,7850					
Certificate	DE000VA9CX76	AHOLD26.127S OPENV	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	NL0013015027	AHOLD26.158S OPENB	EUR	4,3300	4,3300	3,9700			3,9700					
Certificate	DE000VA9CX92	AHOLD26.327S OPENV	EUR	4,1850	4,1850	4,1850			4,1850					
Certificate	DE000CJ3P9D6	AHOLD27.597S OPENZ	EUR	1,1000	1,1000	1,0750			1,0750					
Certificate	NL0012933170	AHOLD27.967S OPENH	EUR	8,2600	8,2600	8,0300			8,0300					
Certificate	NL0013152283	AHOLD28.148S OPENB	EUR	6,3200	6,3200	5,9700			5,9700					
Certificate	DE000CW42X73	AIRBU 45TL OPENC	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000CY16KX8	AIRBU 60TL OPENC	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0013154768	AIRBU 98TS OPENB	EUR	17,5950	17,5950	16,7750			16,7750					
Certificate	NL0013009855	AIRBU 103TS OPENB	EUR	23,0250	23,0250	22,2050			22,2050					
Certificate	NL0013007289	AIRBU 108TS OPENB	EUR	28,3950	28,3950	27,5750			27,5750					
Certificate	NL0009447648	AIRBU 8.7TL OPENB	EUR	81,0150	81,0150	81,0150			81,0150					
Certificate	NL0010379855	AIRBU 33.5TL OPENB	EUR	57,8950	57,8950	57,8950			57,8950					
Certificate	NL0010888640	AIRBU 35.1TL OPENB	EUR	55,6450	56,3850	55,6450			56,3850					
Certificate	NL0012103469	AIRBU 60.2TL OPENB	EUR	32,2650	33,0050	32,2650			33,0050					
Certificate	DE000CE6BS46	AIRBU 67.4TL OPENZ	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	NL0012519441	AIRBU 71.2TL OPENH	EUR	22,0800	22,4800	22,0800			22,4800					
Certificate	NL0012497671	AIRBU 75.6TL OPENB	EUR	17,9750	18,7150	17,9750			18,7150					
Certificate	NL0012689137	AIRBU 84.7TL OPENB	EUR	9,4550	10,1950	9,4550			10,1950					
Certificate	DE000CV87FF2	AIRBU 86.3TL OPENZ	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	NL0012689491	AIRBU 87.8TL OPENB	EUR											
Certificate	NL0013160484	AIRBU 90.8TL OPENB	EUR											
Certificate	NL0013162308	AIRBU 95.5TS OPENB	EUR	15,0150	15,0150	14,1950			14,1950					
Certificate	NL0013086044	AIRBU100.2TS OPENH	EUR	20,1100	20,1400	19,2700	2890,5000	1	19,2700	150				
Certificate	NL0013014871	AIRBU100.38S OPENB	EUR	1,2650	1,2650	1,1850			1,1850					
Certificate	NL0013015498	AIRBU100.5TS OPENB	EUR	20,3150	20,3150	19,4950			19,4950					
Certificate	NL0013009863	AIRBU105.5TS OPENB	EUR	25,7150	25,7150	24,8950			24,8950					
Certificate	NL0012977763	AIRBU110.28S OPENB	EUR	2,2550	2,2550	2,1750			2,1750					
Certificate	NL0012582118	AIRBU112.1TS OPENH	EUR	32,8800	32,9000	32,8800			32,9000					



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	NL0012529283	AIRBU126.4TS OPENH	EUR	48,3500	48,3700	48,3500			48,3700					
Certificate	NL0012555395	AIRBU139.1TS OPENH	EUR	62,1000	62,1200	62,1000			62,1200					
Certificate	NL0012582472	AIRBU151.3TS OPENH	EUR	75,3100	75,3100	75,3100			75,3100					
Certificate	NL0011412838	AIRBU21.38TL OPENH	EUR	68,4100	68,8300	68,4100			68,8300					
Certificate	NL0011412796	AIRBU46.65TL OPENH	EUR	44,9000	45,3300	44,9000			45,3300					
Certificate	NL0011993456	AIRBU53.06TL OPENH	EUR	38,9600	39,3500	38,9600			39,3500					
Certificate	DE000CD63PK0	AIRBU55.28TL OPENZ	EUR	33,4400	33,4400	33,4400			33,4400					
Certificate	NL0012051692	AIRBU59.01TL OPENH	EUR	33,4300	33,8200	33,4300			33,8200					
Certificate	DE000CD644P7	AIRBU61.41TL OPENZ	EUR	27,3250	27,3250	27,3250			27,3250					
Certificate	NL0012175020	AIRBU63.53TL OPENH	EUR	29,2200	29,6200	29,2200			29,6200					
Certificate	NL0012211346	AIRBU67.17TL OPENH	EUR	25,8400	26,2300	25,8400			26,2300					
Certificate	NL0012520704	AIRBU75.26TL OPENH	EUR	18,3100	18,7100	18,3100			18,7100					
Certificate	DE000CE6EXR6	AIRBU76.36TL OPENZ	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	NL0013155237	AIRBU76.82BL OPENB	EUR	1,2150	1,2850	1,2150			1,2850					
Certificate	NL0012529127	AIRBU79.31TL OPENH	EUR	14,5400	14,9300	14,5400			14,9300					
Certificate	NL0013008618	AIRBU81.83BL OPENB	EUR	0,7150	0,7850	0,7150			0,7850					
Certificate	NL0012578546	AIRBU83.32TL OPENH	EUR	10,8100	11,2000	10,8100			11,2000					
Certificate	NL0012977482	AIRBU86.85BL OPENB	EUR	0,2050	0,2850	0,2050			0,2850					
Certificate	NL0012578538	AIRBU87.37TL OPENH	EUR	7,0400	7,4300	7,0400			7,4300					
Certificate	NL0013158868	AIRBU91.82BL OPENB	EUR											
Certificate	NL0012795967	AIRFR LEVOPENZ	EUR	36,3900	36,3900	36,3900			36,3900					
Certificate	NL0012796007	AIRFR SHROPENZ	EUR	23,3900	23,3900	23,3900			23,3900					
Certificate	DE000CV0AYK6	AIRFR 5TL OPENC	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	LU1756859010	AIRFR 6TCIOPENS	EUR	3,0000	3,2200	3,0000			3,2200					
Certificate	DE000VA3ZUR5	AIRFR 6TL 1218V	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CQ5AU48	AIRFR 6TL OPENC	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000CQ5AS42	AIRFR 6TL OPENC	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000VA7PUC9	AIRFR 7TL 0319V	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000VA32328	AIRFR 7TL 1218V	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	NL0012978233	AIRFR 7TL OPENB	EUR	2,5500	2,7500	2,5500			2,7500					
Certificate	DE000CP06287	AIRFR 7TL OPENC	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CQ5BHE1	AIRFR 7TL OPENC	EUR											
Certificate	DE000VA8FYL1	AIRFR 8TL 0319V	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000VA8FYK3	AIRFR 8TL 1218V	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	LU1876929032	AIRFR 9TCIOPENS	EUR											
Certificate	DE000VA87JL6	AIRFR 9TL 0319V	EUR											
Certificate	DE000VA87JF8	AIRFR 9TL 1218V	EUR											
Certificate	NL0013148034	AIRFR 9TL OPENB	EUR											
Certificate	DE000CP23201	AIRFR 9TL OPENC	EUR											
Certificate	DE000CP234A5	AIRFR 9TL OPENC	EUR											
Certificate	NL0012796817	AIRFR 10BOC0919Z	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	DE000VN9G8G8	AIRFR 10TS 0319V	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0013161151	AIRFR 10TS OPENB	EUR	1,8300	1,8300	1,6100			1,6100					
Certificate	DE000VA87JB7	AIRFR 11TS 0319V	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000CP239B2	AIRFR 11TS OPENC	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000CQ5A578	AIRFR 11TS OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000CP23219	AIRFR 11TS OPENC	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	LU1876933653	AIRFR 12TCIOPENS	EUR	3,0800	3,0800	2,8700			2,8700					
Certificate	DE000VA9C0P7	AIRFR 12TS 0319V	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000CP234C1	AIRFR 12TS OPENC	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CP23839	AIRFR 12TS OPENC	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	LU1876933737	AIRFR 13TCIOPENS	EUR	4,0800	4,0800	3,8700			3,8700					
Certificate	LU1876933810	AIRFR 14TCIOPENS	EUR	5,0800	5,0800	4,8700			4,8700					
Certificate	LU1876933901	AIRFR 15TCIOPENS	EUR	6,0800	6,0800	5,8600			5,8600					
Certificate	DE000CY50L53	AIRFR 16TS OPENC	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0009998012	AIRFR 2.9TL OPENB	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	NL0011240825	AIRFR 3.6TL OPENH	EUR	5,6500	5,8400	5,6500			5,8400					
Certificate	NL0010133435	AIRFR 4.4TL OPENB	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	NL0011240817	AIRFR 4.5TL OPENH	EUR	4,8700	5,0600	4,8700			5,0600					
Certificate	NL0011919006	AIRFR 4.6TL OPENB	EUR	4,8000	5,0000	4,8000			5,0000					
Certificate	DE000CX596P5	AIRFR 4.6TL OPENC	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	DE000VA3ZUN4	AIRFR 5.6TL 1218V	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0012111785	AIRFR 5.6TL OPENB	EUR	3,8300	4,0300	3,8300			4,0300					
Certificate	DE000VA3ZUP9	AIRFR 5.8TL 1218V	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	DE000VA3ZUT1	AIRFR 6.2TL 1218V	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012175061	AIRFR 6.3TL OPENH	EUR	3,1500	3,3400	3,1500			3,3400					
Certificate	DE000VA71PN3	AIRFR 6.4TL 0319V	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000VA3ZUV7	AIRFR 6.4TL 1218V	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CQ5AYL3	AIRFR 6.5TL OPENC	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	NL0012175053	AIRFR 6.5TL OPENH	EUR	2,9600	3,1500	2,9600			3,1500					
Certificate	DE000VA71WQ2	AIRFR 6.6TL 0319V	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	DE000VA3ZUX3	AIRFR 6.6TL 1218V	EUR	2,7100	2,7100	2,7100			2,7100					



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	DE000VA1SR82	AIRFR 6.6TL OPENV	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000VA8FVV6	AIRFR 6.8TL 0319V	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000VA3ZU28	AIRFR 6.8TL 1218V	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0012926000	AIRFR 6.8TL OPENH	EUR	2,7200	2,9100	2,7200			2,9100					
Certificate	NL0012927404	AIRFR 7.1TL OPENH	EUR	2,4400	2,6300	2,4400			2,6300					
Certificate	DE000VA71WR0	AIRFR 7.2TL 0319V	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000VA4YXE8	AIRFR 7.2TL 1218V	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	NL0012932776	AIRFR 7.3TL OPENH	EUR	2,2600	2,4500	2,2600			2,4500					
Certificate	DE000VA4YX59	AIRFR 7.4TL 1218V	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0012985915	AIRFR 7.4TL OPENB	EUR	2,1700	2,3700	2,1700			2,3700					
Certificate	DE000VA7PUD7	AIRFR 7.5TL 0319V	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CP06057	AIRFR 7.5TL OPENC	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	NL0012933766	AIRFR 7.5TL OPENH	EUR	2,0700	2,2600	2,0700			2,2600					
Certificate	DE000CQ58DS0	AIRFR 7.5TS OPENC	EUR											
Certificate	DE000VA4YX75	AIRFR 7.6TL 1218V	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0012933758	AIRFR 7.7TL OPENH	EUR	1,8800	2,1300	1,8800	411,0000	2	2,0700	200				
Certificate	NL0013012131	AIRFR 7.8TL OPENB	EUR	1,8300	2,0300	1,8300			2,0300					
Certificate	NL0013017015	AIRFR 8.1TL OPENB	EUR	1,5500	1,7500	1,5500			1,7500					
Certificate	NL0013145691	AIRFR 8.4TL OPENB	EUR	1,2700	1,4700	1,2700	5340,0000	2	1,4700	4000				
Certificate	DE000VA87J10	AIRFR 8.5TL 0319V	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000VA87JD3	AIRFR 8.5TL 1218V	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CQ58YN7	AIRFR 8.5TL OPENC	EUR	0,5500	0,6900	0,5500	434,0000	2	0,6900	700				
Certificate	DE000CQ5AU55	AIRFR 8.5TS OPENC	EUR											
Certificate	NL0013148026	AIRFR 8.7TL OPENB	EUR	0,9900	1,1900	0,9900	1947,5000	3	1,1900	1650				
Certificate	DE000CJ3QHA1	AIRFR 9.3TL OPENZ	EUR											
Certificate	NL0012796429	AIRFR 9.5B0C0919Z	EUR	8,9200	8,9200	8,9200			8,9200					
Certificate	LU1876929115	AIRFR 9.5TCIOPENS	EUR											
Certificate	DE000CP23821	AIRFR 9.5TL OPENC	EUR											
Certificate	DE000VN9HAM8	AIRFR 9.5TS 0319V	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0013162290	AIRFR 9.5TS OPENB	EUR	1,2900	1,2900	1,0700			1,0700					
Certificate	DE000CP23N98	AIRFR 9.5TS OPENC	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0012795504	AIRFR 9.8B0C0619Z	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	NL0012796437	AIRFR 10.1B0C1219Z	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	NL0012795512	AIRFR 10.5B0C0919Z	EUR	9,3100	9,3100	9,3100			9,3100					
Certificate	DE000VA87H77	AIRFR 10.5TS 0319V	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000VA5RKM9	AIRFR 10.5TS 1218V	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	NL0012689681	AIRFR 10.5TS OPENB	EUR	2,3600	2,3600	2,1400			2,1400					
Certificate	NL0012580542	AIRFR 10.7TS OPENH	EUR	2,6700	2,6700	2,5200			2,5200					
Certificate	LU1876933570	AIRFR 11.5TCIOPENS	EUR	2,5800	2,5800	2,3700			2,3700					
Certificate	DE000VA9CON2	AIRFR 11.5TS 0319V	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0012580534	AIRFR 11.7TS OPENH	EUR	3,7300	3,7300	3,5700			3,5700					
Certificate	DE000CV524K7	AIRFR 12.5TS OPENC	EUR											
Certificate	DE000CV523W4	AIRFR 12.5TS OPENC	EUR											
Certificate	DE000CJ3QBQ0	AIRFR 12.5TS OPENZ	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	NL001259637	AIRFR 12.7TS OPENH	EUR	4,7600	4,7600	4,6100			4,6100					
Certificate	NL0012560916	AIRFR 13.5TS OPENH	EUR	5,6100	5,6100	5,4600			5,4600					
Certificate	NL0012367817	AIRFR 14.4TS OPENH	EUR	6,6700	6,6700	6,5200			6,5200					
Certificate	NL0012274724	AIRFR 14.6TS OPENB	EUR	6,7800	6,7800	6,5600			6,5600					
Certificate	NL0012331961	AIRFR 15.5TS OPENH	EUR	7,8000	7,8000	7,6500			7,6500					
Certificate	NL0006273211	AIRFR 16.6TS OPENB	EUR	8,9400	8,9400	8,7300			8,7300					
Certificate	NL0012516918	AIRFR 17.6TS OPENH	EUR	10,0900	10,0900	9,9400			9,9400					
Certificate	NL0012536411	AIRFR 17.7TS OPENH	EUR	10,1600	10,1600	10,0000			10,0000					
Certificate	DE000CD62ST7	AIRFR 4.13TL OPENZ	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	DE000VA2T4U7	AIRFR 5.61TL OPENV	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000CV88N50	AIRFR 5.81TL OPENZ	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	DE000VA1ZDB9	AIRFR 6.11TL OPENV	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	DE000CX0JE28	AIRFR 6.25TL OPENC	EUR											
Certificate	DE000CQ5AYK5	AIRFR 6.25TL OPENC	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000CE6BNL6	AIRFR 6.34TL OPENZ	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	LU1790007766	AIRFR 6.44TCIOPENS	EUR	2,5600	2,7900	2,5600			2,7900					
Certificate	LU1790007923	AIRFR 6.67TCIOPENS	EUR	2,3300	2,5500	2,3300			2,5500					
Certificate	DE000CV89WC0	AIRFR 6.86TL OPENZ	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	DE000VA3TK11	AIRFR 7.07TS OPENV	EUR											
Certificate	LU1790494907	AIRFR 7.08TCIOPENS	EUR	1,9300	2,1600	1,9300			2,1600					
Certificate	DE000VA4YS23	AIRFR 7.14TL OPENV	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	DE000CV8AHG5	AIRFR 7.39TL OPENZ	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	LU1790584301	AIRFR 7.46TCIOPENS	EUR	1,5600	1,7800	1,5600			1,7800					
Certificate	DE000VA3TEL5	AIRFR 7.57TS OPENV	EUR											
Certificate	LU1790584566	AIRFR 7.63TCIOPENS	EUR	1,3900	1,6100	1,3900			1,6100					
Certificate	DE000VA4YYG1	AIRFR 7.64TL OPENV	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000CJ3PKK6	AIRFR 7.99TL OPENZ	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	LU1859911569	AIRFR 8.21TCIOPENS	EUR	0,8600	1,0800	0,8600			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	LU1859911643	AIRFR 8.36TCIOPENS	EUR	0,7100	0,9300	0,7100			0,9300					
Certificate	DE000CJ3PV54	AIRFR 8.61TL OPENZ	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	LU1859913425	AIRFR 8.69TCIOPENS	EUR	0,3900	0,6100	0,3900	2400,0000	2	0,6100	4000				
Certificate	DE000VN9HBQ7	AIRFR 9.39TS OPENV	EUR											
Certificate	DE000VN9HB53	AIRFR 9.59TS OPENV	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000VN9G6C5	AIRFR 9.79TS OPENV	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000VN9G6J6	AIRFR 9.99TS OPENV	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000VN9G6H0	AIRFR10.19TS OPENV	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	NL0013000433	AIRFR10.468S OPENB	EUR	1,6150	1,6150	1,3950			1,3950					
Certificate	DE000VAGEFA0	AIRFR10.47TS OPENV	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000VASEMV4	AIRFR10.51TS OPENV	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CV8AJ65	AIRFR10.64TS OPENZ	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	LU1840348590	AIRFR10.88TCIOPENS	EUR	1,9200	1,9200	1,7100			1,7100					
Certificate	DE000VL8XMG6	AIRFR10.96TS OPENV	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0013147523	AIRFR10.978S OPENB	EUR	2,1150	2,1150	1,8950			1,8950					
Certificate	DE000CJ3NV49	AIRFR11.02TS OPENZ	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	DE000VAGEFC6	AIRFR11.07TS OPENV	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000VASRKJ5	AIRFR11.31TS OPENV	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	NL0013149446	AIRFR11.468S OPENB	EUR	2,6150	2,6150	2,3950			2,3950					
Certificate	DE000VA87KE9	AIRFR11.53TS OPENV	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	DE000CV8B1S7	AIRFR11.64TS OPENZ	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	NL0013110653	AIRFR11.758OC0919Z	EUR	9,5700	9,5700	9,5700			9,5700					
Certificate	DE000VA9CUH2	AIRFR11.92TS OPENV	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	NL0013153026	AIRFR11.968S OPENB	EUR	3,1150	3,1150	2,8950			2,8950					
Certificate	DE000VA9C2S7	AIRFR12.21TS OPENV	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	DE000VA9CY34	AIRFR12.41TS OPENV	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	DE000VA9C0Z6	AIRFR12.61TS OPENV	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	DE000CJ3QAE8	AIRFR12.64TS OPENZ	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	DE000CV88GP7	AIRFR5.455TL OPENZ	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	DE000CV893X2	AIRFR5.951TL OPENZ	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	NL0012970420	AIRFR5.9648L OPENB	EUR	3,1750	3,1750	3,1750			3,1750					
Certificate	NL0012787287	AIRFR6.2188L OPENB	EUR	2,9150	3,1250	2,9150			3,1250					
Certificate	DE000VA71WM1	AIRFR6.236TL OPENV	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000VA1SR33	AIRFR6.432TL OPENV	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CV87XY6	AIRFR6.454TL OPENZ	EUR	2,6800	2,7400	2,6800	187,6000	1	2,7400	70				
Certificate	NL0012787295	AIRFR6.4728L OPENB	EUR	2,6650	2,8650	2,6650			2,8650					
Certificate	NL0012114334	AIRFR6.7268L OPENB	EUR	2,4150	2,6150	2,4150			2,6150					
Certificate	DE000VA71RQ2	AIRFR6.735TL OPENV	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000CV89W25	AIRFR6.952TL OPENZ	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000VA32344	AIRFR6.975TL OPENV	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0012977185	AIRFR6.9798L OPENB	EUR	2,1550	2,3550	2,1550			2,3550					
Certificate	DE000CN6G2A7	AIRFR7.033TS OPENZ	EUR											
Certificate	NL0012984223	AIRFR7.2318L OPENB	EUR	1,9050	2,1050	1,9050			2,1050					
Certificate	DE000VA6EFG7	AIRFR7.319TL OPENV	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	DE000CV8AHA8	AIRFR7.445TL OPENZ	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0012985766	AIRFR7.4838L OPENB	EUR	1,6550	1,8550	1,6550			1,8550					
Certificate	DE000VA4YYJ5	AIRFR7.488TL OPENV	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	NL0012986129	AIRFR7.7358L OPENB	EUR	1,4050	1,6050	1,4050			1,6050					
Certificate	DE000VA71RR0	AIRFR7.735TL OPENV	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000VA8FY73	AIRFR7.941TL OPENV	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CJ3PK40	AIRFR7.947TL OPENZ	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0013017510	AIRFR7.9858L OPENB	EUR	1,1550	1,3550	1,1550			1,3550					
Certificate	DE000VA87KL4	AIRFR8.147TL OPENV	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000VA87FV3	AIRFR8.447TL OPENV	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0013146970	AIRFR8.4878L OPENB	EUR	0,6450	0,8550	0,6450	1558,0000	5	0,8550	2000				
Certificate	DE000CJ3PUR0	AIRFR8.488TL OPENZ	EUR	0,7500	0,7500	0,7400	1500,0000	1	0,7400	2000				
Certificate	NL0013146988	AIRFR8.7378L OPENB	EUR	0,3950	0,6050	0,3950			0,6050					
Certificate	DE000VA87KNO	AIRFR8.747TL OPENV	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000VA87FX9	AIRFR8.947TL OPENV	EUR											
Certificate	NL0013146996	AIRFR8.9888L OPENB	EUR											
Certificate	DE000CJ3PXU8	AIRFR9.035TL OPENZ	EUR											
Certificate	DE000VA87KQ3	AIRFR9.147TL OPENV	EUR											
Certificate	DE000VN9G6E1	AIRFR9.171TL OPENV	EUR											
Certificate	DE000VN9HD78	AIRFR9.172TL OPENV	EUR											
Certificate	NL0013149404	AIRFR9.2348L OPENB	EUR											
Certificate	DE000VN9HG27	AIRFR9.387TS OPENV	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CJ3QJ91	AIRFR9.626TL OPENZ	EUR											
Certificate	NL0013160922	AIRFR9.9658S OPENB	EUR	1,1150	1,1150	0,8950			0,8950					
Certificate	NL0012038681	AIRLQ 86TL OPENB	EUR	2,9050	2,9250	2,9050			2,9250					
Certificate	NL0012572440	AIRLQ 95TL OPENH	EUR	1,8100	1,8100	1,7600			1,7600					
Certificate	NL0010888590	AIRLQ 71.9TL OPENB	EUR	4,4650	4,4950	4,4650			4,4950					
Certificate	DE000CR9RPS1	AIRLQ 74.3TL OPENZ	EUR	3,2800	3,2800	3,1700			3,1700					



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	NL0012030258	AIRLQ 80.4TL OPENB	EUR	3,4850	3,5050	3,4850			3,5050					
Certificate	NL0012524524	AIRLQ114.9TS OPENH	EUR	1,7800	1,8600	1,7800			1,8600					
Certificate	NL0012539209	AIRLQ115.3TS OPENH	EUR	1,8200	1,9100	1,8200			1,9100					
Certificate	NL0012596373	AIRLQ123.6TS OPENH	EUR	2,7200	2,8100	2,7200	5480,0000	1	2,8100	2000				
Certificate	NL0011599030	AIRLQ70.43TL OPENH	EUR	4,5000	4,5000	4,4500			4,4500					
Certificate	NL0011988605	AIRLQ79.83TL OPENH	EUR	3,5400	3,5400	3,4900			3,4900					
Certificate	DE000CD64235	AIRLQ85.19TL OPENZ	EUR	2,2000	2,2000	2,0900			2,0900					
Certificate	NL0012572473	AIRLQ86.89TL OPENH	EUR	2,5600	2,5600	2,5100			2,5100					
Certificate	NL0012572465	AIRLQ90.95TL OPENH	EUR	2,1800	2,1800	2,1400			2,1400					
Certificate	NL0012572457	AIRLQ92.98TL OPENH	EUR	1,9900	1,9900	1,9500			1,9500					
Certificate	DE000CV87HP7	AIRLQ95.11TL OPENZ	EUR	1,2100	1,2100	1,1000	23,3000	2	1,1000	20				
Certificate	DE000CJ3PK57	AIXG 6.09TL OPENZ	EUR	0,5650	0,6100	0,5650			0,6100					
Certificate	NL0013002793	AIXG 6.27TL OPENB	EUR	0,6550	0,6850	0,6550			0,6850					
Certificate	NL0013002801	AIXG 7.28TL OPENB	EUR	0,4650	0,5050	0,4650			0,5050					
Certificate	NL0013019037	AIXG 8.27TL OPENB	EUR	0,2850	0,3250	0,2850			0,3250					
Certificate	NL0013158553	AIXG 9.27TL OPENB	EUR											
Certificate	NL0013162316	AIXG 9.96TS OPENB	EUR	0,4250	0,4250	0,3850			0,3850					
Certificate	NL0013149651	AIXG 11.96TS OPENB	EUR	0,8650	0,8650	0,8250			0,8250					
Certificate	NL0013146103	AIXG 13.95TS OPENB	EUR	1,3050	1,3050	1,2650			1,2650					
Certificate	NL0013148661	AIXG 15.95TS OPENB	EUR	1,7450	1,7450	1,7150			1,7150					
Certificate	DE000CV89NY3	AIXG 6.795TL OPENZ	EUR	0,4250	0,4700	0,4250			0,4700					
Certificate	DE000CJ3PLY5	AIXG 7.592TL OPENZ	EUR	0,2750	0,3100	0,2750			0,3100					
Certificate	DE000CJ3QGE5	AIXG 8.384TL OPENZ	EUR	0,1150	0,1600	0,1150			0,1600					
Certificate	DE000CJ3QMC7	AIXG 9.276TL OPENZ	EUR											
Certificate	DE000CP234D9	AKZO 55TL OPENC	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	DE000CP06W31	AKZO 60TL OPENC	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CQ5AK16	AKZO 60TL OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CQ5AAX8	AKZO 65TL OPENC	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	NL0012201107	AKZO 65TL OPENH	EUR	1,1000	1,1000	1,0900			1,0900					
Certificate	NL0012542872	AKZO 66TL OPENH	EUR	1,0100	1,0100	1,0000			1,0000					
Certificate	NL0012201099	AKZO 67TL OPENH	EUR	0,9100	0,9100	0,9000			0,9000					
Certificate	DE000CQ5A3F4	AKZO 68TL OPENC	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CQ5AAY6	AKZO 70TL OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CQ5A3G2	AKZO 70TL OPENC	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	DE000CQ5A3H0	AKZO 72TL OPENC	EUR											
Certificate	DE000CQ5B8279	AKZO 75TL OPENC	EUR											
Certificate	DE000CP23NA4	AKZO 75TS OPENC	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000CP23Q46	AKZO 75TS OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CP06W56	AKZO 80TS OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CP06Z95	AKZO 80TS OPENC	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0012796098	AKZO 84BON1219Z	EUR	71,9900	71,9900	71,2400			71,2400					
Certificate	NL0012987234	AKZO 86BON0619B	EUR	72,9700	73,0200	72,9700			73,0200					
Certificate	NL0012795660	AKZO 89BON0619Z	EUR	70,4100	70,4100	69,5200			69,5200					
Certificate	DE000CQ5A3J6	AKZO 90TS OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CQ5AB25	AKZO 90TS OPENC	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0012648950	AKZO 92BON0619Z	EUR	77,2200	77,2200	76,1550			76,1550					
Certificate	DE000CQ5AB33	AKZO 95TS OPENC	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000CP06271	AKZO 95TS OPENC	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000CQ5A3K4	AKZO 95TS OPENC	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	DE000CQ5A3L2	AKZO 100TS OPENC	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0011643697	AKZO 38.8L OPENB	EUR	33,5550	33,5550	33,5350			33,5350					
Certificate	NL0010253282	AKZO 31.8TL OPENB	EUR	41,2650	41,2650	41,2650			41,2650					
Certificate	NL0011044706	AKZO 37.1TL OPENH	EUR	3,8400	3,8400	3,8300			3,8300					
Certificate	NL0010893459	AKZO 39.7TL OPENB	EUR	33,9850	33,9850	33,9650			33,9650					
Certificate	NL0011656632	AKZO 43.9TL OPENB	EUR	30,0650	30,0650	30,0450			30,0450					
Certificate	NL0011720404	AKZO 46.4TL OPENH	EUR	2,9300	2,9300	2,9200			2,9200					
Certificate	NL0011926670	AKZO 48.5TL OPENH	EUR	2,7200	2,7200	2,7100			2,7100					
Certificate	NL0012040661	AKZO 50.1TL OPENB	EUR	24,2750	24,2750	24,2550			24,2550					
Certificate	NL0011992060	AKZO 50.6TL OPENH	EUR	2,5200	2,5200	2,5100			2,5100					
Certificate	NL0012106298	AKZO 52.1TL OPENB	EUR	22,3650	22,3650	22,3450			22,3450					
Certificate	NL0012050959	AKZO 52.5TL OPENH	EUR	2,3300	2,3300	2,3200			2,3200					
Certificate	NL0012171599	AKZO 56.4TL OPENH	EUR	1,9400	1,9400	1,9300			1,9300					
Certificate	NL0011993464	AKZO 57.4TL OPENH	EUR											
Certificate	NL0012116123	AKZO 58.3TL OPENB	EUR	16,6350	16,6350	16,6150			16,6150					
Certificate	NL0012116131	AKZO 60.3TL OPENB	EUR	14,7250	14,7250	14,7050			14,7050					
Certificate	NL0012201115	AKZO 61.1TL OPENH	EUR	1,4800	1,4800	1,4700			1,4700					
Certificate	NL0012116149	AKZO 62.4TL OPENB	EUR	12,8150	12,8150	12,7950			12,7950					
Certificate	NL0012116610	AKZO 64.5TL OPENB	EUR	10,9050	10,9050	10,8850			10,8850					
Certificate	NL0012271381	AKZO 66.5TL OPENB	EUR	9,0150	9,5150	8,8950	460,2500	2	8,9950	50				
Certificate	NL0012542864	AKZO 67.9TL OPENH	EUR	0,8200	0,8200	0,8100			0,8100					
Certificate	NL0012494884	AKZO 68.5TL OPENB	EUR	7,1250	7,1250	7,1050			7,1050					
Certificate	NL0012371025	AKZO 68.9TL OPENH	EUR	0,7200	0,7200	0,7100			0,7100					



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	DE000VA7TDQ7	AKZO 69.5TL OPENV	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	NL0012542856	AKZO 69.8TL OPENH	EUR	0,6200	0,6700	0,6200	130,0000	2	0,6200	200				
Certificate	NL0012676290	AKZO 70.5TL OPENB	EUR											
Certificate	NL0013163132	AKZO 74.9BS OPENB	EUR	4,7450	4,7450	4,7050			4,7050					
Certificate	NL0013085319	AKZO 76.1TS OPENH	EUR	1,1600	1,2200	1,1600			1,2200					
Certificate	NL0013015506	AKZO 76.5TS OPENB	EUR	11,8750	11,8750	11,8350			11,8350					
Certificate	NL0013009871	AKZO 79.5TS OPENB	EUR	15,1050	15,1050	15,0650			15,0650					
Certificate	NL0013013394	AKZO 80.5BS OPENB	EUR	10,3450	10,3450	10,3050			10,3050					
Certificate	NL0012904981	AKZO 80.9TS OPENH	EUR	1,6700	1,7400	1,6700			1,7400					
Certificate	NL0012792980	AKZO 81.18OC1218B	EUR	79,6000	79,7000	79,6000			79,7000					
Certificate	NL0013007925	AKZO 82.5TS OPENB	EUR	18,3250	18,3250	18,2850			18,2850					
Certificate	NL0012583777	AKZO 84.2TS OPENH	EUR	2,0300	2,0900	2,0300			2,0900					
Certificate	NL0012987366	AKZO 85.4TS OPENB	EUR	21,4850	21,4850	21,4450			21,4450					
Certificate	NL0012584411	AKZO 88.1TS OPENH	EUR	2,4500	2,5100	2,4500			2,5100					
Certificate	NL0012580567	AKZO 88.2TS OPENH	EUR	2,4700	2,5300	2,4700			2,5300					
Certificate	NL0012213987	AKZO 89.8TS OPENH	EUR	2,7800	2,8400	2,7800			2,8400					
Certificate	DE000V176KL4	AKZO 90.7TS OPENV	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	NL0012583769	AKZO 99.9TS OPENH	EUR	3,7200	3,7800	3,7200			3,7800					
Certificate	DE000CV8ANP4	AKZO 102.6TS OPENZ	EUR	6,3100	6,4600	6,3100			6,4600					
Certificate	NL0011534862	AKZO 42.32BL OPENB	EUR	29,2350	29,2350	29,2150			29,2150					
Certificate	DE000CN6JXE2	AKZO 47.19TL OPENZ	EUR	24,1600	24,1600	23,4500			23,4500					
Certificate	DE000CD61W94	AKZO 50.15TL OPENZ	EUR	21,2100	21,2100	20,5050			20,5050					
Certificate	NL0011911532	AKZO 50.87BL OPENB	EUR	20,6750	20,6750	20,6550			20,6550					
Certificate	DE000CX59XK0	AKZO 51.19TL OPENC	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CD64EH8	AKZO 54.11TL OPENZ	EUR	3,4550	3,4550	3,3100			3,3100					
Certificate	NL0012106405	AKZO 55.07BL OPENB	EUR	16,4850	16,4850	16,4650			16,4650					
Certificate	DE000CE6DHD1	AKZO 59.05TL OPENZ	EUR	2,4650	2,4650	2,3300			2,3300					
Certificate	NL0012116362	AKZO 59.25BL OPENB	EUR	12,2950	12,2950	12,2750			12,2750					
Certificate	NL0012116370	AKZO 61.35BL OPENB	EUR	10,1950	10,1950	10,1750			10,1750					
Certificate	NL0012116388	AKZO 63.44BL OPENB	EUR	8,1150	8,1150	8,0950			8,0950					
Certificate	DE000CE6DHE9	AKZO 64.03TL OPENZ	EUR	1,4750	1,4750	1,3400			1,3400					
Certificate	DE000VL61LG4	AKZO 64.56TL OPENV	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	DE000VA8FT96	AKZO 65.18TL OPENV	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	DE000CV16EV5	AKZO 65.36TL OPENC	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0012116396	AKZO 65.54BL OPENB	EUR	6,0150	6,0150	5,9950			5,9950					
Certificate	DE000VL61LH2	AKZO 66.56TL OPENV	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	DE000CV16FK5	AKZO 66.61TL OPENC	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	LU1840980244	AKZO 66.76TCIOPENS	EUR	4,8400	4,8400	4,8300			4,8300					
Certificate	DE000VA7THH7	AKZO 67.49TL OPENV	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	NL0012117170	AKZO 67.62BL OPENB	EUR	3,8750	3,8750	3,8550			3,8550					
Certificate	DE000VL61LJ8	AKZO 68.56TL OPENV	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	DE000CE6DHF6	AKZO 69.02TL OPENZ	EUR	0,5050	0,5050	0,3600			0,3600					
Certificate	NL0012279830	AKZO 69.69BL OPENB	EUR	2,0050	2,0050	1,9850			1,9850					
Certificate	LU1756822281	AKZO 70.49TCIOPENS	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	DE000VL61LK6	AKZO 70.56TL OPENV	EUR	0,1850	0,1850	0,1850			0,1850					
Certificate	DE000VA90V41	AKZO 71.24TL OPENV	EUR											
Certificate	DE000VN9HCK8	AKZO 71.35TL OPENV	EUR											
Certificate	NL0013158876	AKZO 71.66BL OPENB	EUR											
Certificate	DE000VN9HE10	AKZO 72.18TS OPENV	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	DE000VA3TJL4	AKZO 73.22TL OPENV	EUR											
Certificate	DE000VA90046	AKZO 73.26TL OPENV	EUR											
Certificate	DE000VN9G908	AKZO 74.18TS OPENV	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	LU1573750244	AKZO 75.17TCIOPENS	EUR											
Certificate	DE000VA710M3	AKZO 76.41TS OPENV	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	NL0013013535	AKZO 77.89BS OPENB	EUR	7,7350	7,7350	7,6950			7,6950					
Certificate	LU1840978933	AKZO 77.89TCIOPENS	EUR	7,2700	7,2800	7,2700			7,2800					
Certificate	DE000VA7TET9	AKZO 78.41TS OPENV	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	DE000VA7TDP9	AKZO 80.41TS OPENV	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	LU1840911272	AKZO 81.48TCIOPENS	EUR	10,6700	10,6800	10,6700			10,6800					
Certificate	DE000VAGT2Y9	AKZO 82.44TS OPENV	EUR	1,5550	1,5550	1,5550			1,5550					
Certificate	DE000CE6DN72	AKZO 82.66TS OPENZ	EUR	2,3350	2,4800	2,3350			2,4800					
Certificate	NL0012648406	AKZO 83.35BOC0619Z	EUR	83,6700	83,6700	83,1400			83,1400					
Certificate	NL0012690390	AKZO 83.48BS OPENB	EUR	13,3150	13,3150	13,2750			13,2750					
Certificate	DE000VAGT1T1	AKZO 84.44TS OPENV	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	LU1790692377	AKZO 85.32TCIOPENS	EUR	13,9400	13,9500	13,9400			13,9500					
Certificate	DE000VAGT1U9	AKZO 86.44TS OPENV	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	NL0012984322	AKZO 86.45BS OPENB	EUR	16,2850	16,2850	16,2450			16,2450					
Certificate	DE000VL76EX2	AKZO 86.76TS OPENV	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	LU1840348673	AKZO 87.75TCIOPENS	EUR	16,6200	16,6300	16,6200			16,6300					
Certificate	DE000VAGT1V7	AKZO 88.44TS OPENV	EUR	2,1850	2,1850	2,1850			2,1850					
Certificate	DE000VL76EY0	AKZO 88.76TS OPENV	EUR	1,4450	1,4450	1,4450			1,4450					
Certificate	DE000VAGT1W5	AKZO 90.44TS OPENV	EUR	2,3950	2,3950	2,3950			2,3950					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA4V0Z5	AKZO 91.86TS OPENV	EUR	2,0450	2,0450	2,0450			2,0450					
Certificate	DE000VL8XHY9	AKZO 92.58TS OPENV	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	DE000CV87S98	AKZO 92.64TS OPENZ	EUR	4,3250	4,4600	4,3250			4,4600					
Certificate	DE000CJ3P5S2	ALGN 145.1TL OPENZ	EUR	1,2750	1,3450	1,2750			1,3450					
Certificate	DE000CJ3PMJ4	ALGN 175.1TL OPENZ	EUR	0,7450	0,8150	0,7450			0,8150					
Certificate	NL0010657888	ALLIA 89TL OPENB	EUR	9,1750	9,1750	9,1750			9,1750					
Certificate	NL0012214043	ALLIA 160TL OPENH	EUR	2,4600	2,4600	2,3900			2,3900					
Certificate	NL0012981740	ALLIA 175TL OPENB	EUR											
Certificate	DE000CD63LE2	ALLIA 136.TL OPENZ	EUR	3,9900	3,9900	3,8300			3,8300					
Certificate	NL0010381430	ALLIA 77.8TL OPENB	EUR	10,2150	10,2150	10,2150			10,2150					
Certificate	NL0011054150	ALLIA 92.4TL OPENH	EUR	8,7900	8,7900	8,7200			8,7200					
Certificate	NL0010894275	ALLIA 96.7TL OPENB	EUR	8,4650	8,4650	8,4550			8,4550					
Certificate	NL0010907051	ALLIA102.7TL OPENB	EUR	7,9050	7,9050	7,9050			7,9050					
Certificate	NL0011895669	ALLIA102.7TL OPENH	EUR	7,8300	7,8300	7,7600			7,7600					
Certificate	NL0011054143	ALLIA109.3TL OPENH	EUR	7,1900	7,1900	7,1300			7,1300					
Certificate	NL0011934575	ALLIA113.1TL OPENH	EUR	6,8600	6,8600	6,7800			6,7800					
Certificate	DE000CD624U9	ALLIA119.1TL OPENZ	EUR	5,6700	5,6700	5,5100			5,5100					
Certificate	NL0011979687	ALLIA120.2TL OPENH	EUR	6,1900	6,1900	6,1200			6,1200					
Certificate	NL0011989314	ALLIA125.3TL OPENH	EUR	5,7100	5,7100	5,6400			5,6400					
Certificate	NL0012030274	ALLIA127.9TL OPENB	EUR	5,5550	5,5550	5,5550			5,5550					
Certificate	NL0012033328	ALLIA135.2TL OPENB	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	NL0011993514	ALLIA135.6TL OPENH	EUR	4,7500	4,7500	4,6800			4,6800					
Certificate	NL0012057418	ALLIA140.6TL OPENH	EUR	4,2800	4,2800	4,2100			4,2100					
Certificate	NL0012103477	ALLIA142.6TL OPENB	EUR	4,1850	4,2750	4,1850	21300,0000	1	4,1850	5000				
Certificate	NL0012175087	ALLIA150.8TL OPENH	EUR	3,3300	3,3300	3,2500			3,2500					
Certificate	DE000CE6BW57	ALLIA153.8TL OPENZ	EUR	2,2200	2,2200	2,0600			2,0600					
Certificate	NL0012275937	ALLIA166.6TL OPENB	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	NL0012599963	ALLIA169.3TL OPENH	EUR	1,6000	1,6000	1,5200			1,5200					
Certificate	DE000CV8A4H5	ALLIA173.7TL OPENZ	EUR											
Certificate	NL0012897755	ALLIA175.7TL OPENH	EUR											
Certificate	NL0013009897	ALLIA196.3TS OPENB	EUR	3,7350	3,7350	3,7350			3,7350					
Certificate	NL0012498323	ALLIA215.7TS OPENB	EUR	5,8350	5,8350	5,8350			5,8350					
Certificate	NL0013002918	ALLIA237.3TS OPENB	EUR	8,1650	8,1650	8,1650			8,1650					
Certificate	NL0010655296	ALPHA 515TL OPENB	EUR	51,0100	51,0100	51,0100			51,0100					
Certificate	DE000CX59BC3	ALPHA 725TL OPENC	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000CX59H44	ALPHA 725TL OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CY50R81	ALPHA 800TL OPENC	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CY50R99	ALPHA 850TL OPENC	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CP06800	ALPHA 900TL OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CY50RA0	ALPHA 900TL OPENC	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CY50Z08	ALPHA 900TL OPENC	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000CQ5AG38	ALPHA 950TL OPENC	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CP23359	ALPHA 950TL OPENC	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CP235Y2	ALPHA 975TL OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CP235Z9	ALPHA 1000TL OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CP23P62	ALPHA 1025TL OPENC	EUR											
Certificate	DE000CP23R60	ALPHA 1025TL OPENC	EUR											
Certificate	DE000CP23P70	ALPHA 1075TS OPENC	EUR											
Certificate	DE000CP23R78	ALPHA 1075TS OPENC	EUR											
Certificate	DE000CQ58J26	ALPHA 1100TL OPENC	EUR											
Certificate	DE000CP23P88	ALPHA 1100TS OPENC	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000CP23K26	ALPHA 1125TS OPENC	EUR	1,0200	1,0800	1,0100	76,5000	1	1,0800	75				
Certificate	DE000CP07B50	ALPHA 1150TS OPENC	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CP06UM9	ALPHA 1150TS OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CY52YR6	ALPHA 1200TS OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000CP23623	ALPHA 1200TS OPENC	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CY51XY6	ALPHA 1200TS OPENC	EUR											
Certificate	DE000CY51ZF0	ALPHA 1200TS OPENC	EUR											
Certificate	DE000CP067D3	ALPHA 1225TS OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CP06LB1	ALPHA 1225TS OPENC	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000CP06545	ALPHA 1250TS OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CP064H1	ALPHA 1250TS OPENC	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CP06552	ALPHA 1275TS OPENC	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CP064J7	ALPHA 1275TS OPENC	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	DE000CY52N26	ALPHA 1300TS OPENC	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000CY52RR0	ALPHA 1300TS OPENC	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000CP062Y0	ALPHA 1300TS OPENC	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CP06156	ALPHA 1300TS OPENC	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	DE000CQ58VV6	ALPHA 1350TS OPENC	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	DE000CY52RS8	ALPHA 1350TS OPENC	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000CQ58U05	ALPHA 1400TS OPENC	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000CQ58VV4	ALPHA 1400TS OPENC	EUR	3,5400	3,5400	3,5400			3,5400					



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	NL0000458222	ALPHA121.7TL OPENB	EUR	167,9800	167,9800	167,9800			167,9800					
Certificate	NL0000451201	ALPHA159.3TL OPENB	EUR	162,1900	162,1900	162,1900			162,1900					
Certificate	NL0009173202	ALPHA241.9TL OPENB	EUR	149,4500	149,4500	149,4500			149,4500					
Certificate	NL0010655791	ALPHA411.5TL OPENB	EUR	59,3600	59,3600	59,3600			59,3600					
Certificate	NL0010285276	ALPHA437.4TL OPENB	EUR	119,3200	119,3200	119,3200			119,3200					
Certificate	NL0010655668	ALPHA457.4TL OPENB	EUR	55,6600	55,6600	55,6600			55,6600					
Certificate	DE000CF80798	ALPHA477.9TL OPENC	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	NL0010381026	ALPHA481.1TL OPENB	EUR	112,5900	112,5900	112,5900			112,5900					
Certificate	DE000CC16U28	ALPHA493.6TL OPENC	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	NL0010520110	ALPHA533.7TL OPENB	EUR	104,4600	104,4600	104,4600			104,4600					
Certificate	DE000CW42518	ALPHC 600TL OPENC	EUR	15,2400	15,2400	15,2400			15,2400					
Certificate	DE000CJ3P8K3	ALPHC 815TL 0319Z	EUR	2,0750	2,1550	2,0750			2,1550					
Certificate	DE000CX0KNF9	ALPHC 850TS OPENC	EUR											
Certificate	DE000CJ3P9V2	ALPHC 905TL 0319Z	EUR	1,2850	1,3650	1,2850			1,3650					
Certificate	DE000CV8AGG7	ALPHC 930TL 1218Z	EUR	1,0350	1,1050	1,0350			1,1050					
Certificate	DE000CJ3P5B8	ALPHC 965TL 0319Z	EUR	0,7550	0,8350	0,7550			0,8350					
Certificate	DE000VA90V25	ALPHC 1017TL OPENV	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	DE000CJ3QQ35	ALPHC 1035TL 0319Z	EUR											
Certificate	DE000VA90Y71	ALPHC 1037TL OPENV	EUR											
Certificate	NL0012777973	ALPHC 1041TS OPENB	EUR											
Certificate	DE000CJ3QQ76	ALPHC 1054TL OPENZ	EUR											
Certificate	DE000VA90Y89	ALPHC 1057TL OPENV	EUR											
Certificate	DE000VNH9E93	ALPHC 1061TS OPENV	EUR											
Certificate	NL0013164866	ALPHC 1071BS OPENB	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	DE000VNG6755	ALPHC 1081TS OPENV	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	NL0013162332	ALPHC 1094TS OPENB	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	DE000VNG67U1	ALPHC 1101TS OPENV	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	DE000VNG67W7	ALPHC 1121TS OPENV	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	NL0013018443	ALPHC 1125BS OPENB	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	DE000VA9CR58	ALPHC 1142TS OPENV	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000CJ3PN05	ALPHC 1144TS OPENZ	EUR	0,9550	0,9550	0,8950			0,8950					
Certificate	NL0013009905	ALPHC 1148TS OPENB	EUR	20,3000	20,3000	20,3000			20,3000					
Certificate	DE000VA9CR66	ALPHC 1162TS OPENV	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	NL0013007693	ALPHC 1181BS OPENB	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	DE000VA9CR74	ALPHC 1182TS OPENV	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	DE000VA9CR82	ALPHC 1202TS OPENV	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	NL0013005499	ALPHC 1206TS OPENB	EUR	25,9400	25,9400	25,9400			25,9400					
Certificate	DE000VA9CU04	ALPHC 1222TS OPENV	EUR	1,5550	1,5550	1,5550			1,5550					
Certificate	DE000VA9O288	ALPHC 1241TS OPENV	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	DE000VA9O020	ALPHC 1281TS OPENV	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	DE000CV89986	ALPHC 1294TS OPENZ	EUR	2,2750	2,2750	2,2150			2,2150					
Certificate	NL0012973697	ALPHC 1302BS OPENB	EUR	23,4400	23,4400	23,4400			23,4400					
Certificate	DE000CV89AX2	ALPHC 1395TS OPENZ	EUR	3,1650	3,1650	3,1150			3,1150					
Certificate	DE000CV8A8N4	ALPHC 1597TS OPENZ	EUR	4,9350	4,9350	4,8950			4,8950					
Certificate	NL0011048103	ALPHC450.1TL OPENH	EUR	55,3900	56,4100	55,3900			56,4100					
Certificate	NL0011239355	ALPHC578.6TL OPENH	EUR	45,1100	46,0700	45,1100			46,0700					
Certificate	NL0011263363	ALPHC613.5TL OPENB	EUR	43,0800	43,0800	43,0800			43,0800					
Certificate	NL0011239330	ALPHC622.9TL OPENH	EUR	41,5700	42,5100	41,5700			42,5100					
Certificate	NL0011428990	ALPHC643.5TL OPENB	EUR	40,6600	40,6600	40,6600			40,6600					
Certificate	NL0011438239	ALPHC674.8TL OPENB	EUR	38,1300	38,1300	38,1300			38,1300					
Certificate	DE000CR9Q5E7	ALPHC688.6TL OPENZ	EUR	31,0400	31,8500	31,0400			31,8500					
Certificate	NL0011637087	ALPHC708.4TL OPENB	EUR	35,4300	35,4300	35,4300			35,4300					
Certificate	DE000CV89WR8	ALPHC723.1TL OPENZ	EUR	28,0500	28,8600	28,0500			28,8600					
Certificate	NL0011906193	ALPHC742.5TL OPENB	EUR	32,6700	32,6700	32,6700			32,6700					
Certificate	NL0011912944	ALPHC778.8TL OPENB	EUR	29,7500	29,7500	29,7500			29,7500					
Certificate	NL0011910112	ALPHC783.1BL OPENB	EUR	24,1800	24,1800	24,1800			24,1800					
Certificate	DE000CV89WQ0	ALPHC824.4TL OPENZ	EUR	19,1000	19,8600	19,1000			19,8600					
Certificate	DE000VA9C4X3	ALPHC856.3TL OPENV	EUR	1,6850	1,6850	1,6850			1,6850					
Certificate	DE000VA9C4Y1	ALPHC876.3TL OPENV	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000VA9CU20	ALPHC914.2TL OPENV	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000CV89WP2	ALPHC925.5TL OPENZ	EUR	10,3400	11,0500	10,3400			11,0500					
Certificate	DE000VA9CSC7	ALPHC934.2TL OPENV	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000VA9CSD5	ALPHC954.2TL OPENV	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000VA9CSE3	ALPHC974.2TL OPENV	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000CJ3PST0	ALPHC985.5TL OPENZ	EUR	0,5150	0,5850	0,5150			0,5850					
Certificate	DE000VA9OR54	ALPHC996.5TL OPENV	EUR	0,4900	0,4900	0,4850	254,8000	1	0,4850	520				
Certificate	NL0011970728	ALSTO 22.2TL OPENH	EUR	1,6800	1,7100	1,6800			1,7100					
Certificate	NL0012048987	ALSTO 24.3TL OPENH	EUR	1,4800	1,5100	1,4800			1,5100					
Certificate	DE000CV508X6	ALSTO 25.7TL OPENZ	EUR	1,1900	1,2100	1,1900			1,2100					
Certificate	NL0013161177	ALSTO 39.6TS OPENB	EUR	0,5450	0,5450	0,5050			0,5050					
Certificate	NL0012783856	ALSTO 42.6TS OPENB	EUR	0,8550	0,8550	0,8150			0,8150					
Certificate	NL0011892815	ALSTO19.62TL OPENH	EUR	1,9200	1,9500	1,9200			1,9500					



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	NL0011926688	ALSTO20.67TL OPENH	EUR	1,8200	1,8500	1,8200			1,8500					
Certificate	NL0011934567	ALSTO21.69TL OPENH	EUR	1,7300	1,7600	1,7300			1,7600					
Certificate	NL0011971544	ALSTO22.71TL OPENH	EUR	1,6300	1,6600	1,6300			1,6600					
Certificate	NL0011988902	ALSTO23.26TL OPENH	EUR	1,5800	1,6100	1,5800			1,6100					
Certificate	NL0012027031	ALSTO23.64TL OPENB	EUR	1,5450	1,5850	1,5450			1,5850					
Certificate	NL0011993506	ALSTO24.81TL OPENH	EUR	1,4400	1,4700	1,4400			1,4700					
Certificate	NL0012205710	ALSTO25.81TL OPENH	EUR	1,3400	1,3700	1,3400			1,3700					
Certificate	NL0012205702	ALSTO26.33TL OPENH	EUR	1,3000	1,3300	1,3000			1,3300					
Certificate	NL0012214035	ALSTO27.31TL OPENH	EUR	1,2000	1,2300	1,2000			1,2300					
Certificate	NL0012214027	ALSTO27.82TL OPENH	EUR	1,1600	1,1900	1,1600			1,1900					
Certificate	NL0012242572	ALSTO28.85TL OPENH	EUR	1,0600	1,0900	1,0600			1,0900					
Certificate	NL0012242564	ALSTO29.36TL OPENH	EUR	1,0000	1,0400	1,0000			1,0400					
Certificate	DE000CV508Y4	ALSTO30.69TL OPENZ	EUR	0,7000	0,7100	0,7000			0,7100					
Certificate	NL0012520373	ALSTO30.87TL OPENH	EUR	0,8700	0,9000	0,8700			0,9000					
Certificate	NL0012520712	ALSTO31.88TL OPENH	EUR	0,7800	0,8100	0,7800			0,8100					
Certificate	NL0012541270	ALSTO32.89TL OPENH	EUR	0,6900	0,7100	0,6900			0,7100					
Certificate	NL0012775613	ALSTO33.79TL OPENB	EUR	0,6050	0,6350	0,6050			0,6350					
Certificate	NL0012595888	ALSTO34.89TL OPENH	EUR	0,5000	0,5300	0,5000			0,5300					
Certificate	DE000CV88QZ5	ALSTO35.66TL OPENZ	EUR	0,2100	0,2200	0,2100			0,2200					
Certificate	NL0012782254	ALSTO35.77TL OPENB	EUR	0,4150	0,4550	0,4150			0,4550					
Certificate	NL0012888556	ALSTO35.88TL OPENH	EUR	0,4100	0,4400	0,4100			0,4400					
Certificate	NL0013182223	ALSTO38.12TL OPENH	EUR											
Certificate	NL0012904999	ALSTO40.07TS OPENH	EUR	0,5900	0,5900	0,5800			0,5800					
Certificate	NL0012900187	ALSTO41.03TS OPENH	EUR	0,6900	0,6900	0,6800			0,6800					
Certificate	NL0012521330	ALSTO41.99TS OPENH	EUR	0,8100	0,8100	0,7900			0,7900					
Certificate	NL0012864516	ALSTO43.99TS OPENH	EUR	1,0100	1,0100	1,0000			1,0000					
Certificate	NL0012849251	ALSTO44.92TS OPENH	EUR	1,1100	1,1100	1,1000			1,1000					
Certificate	NL0012997829	ALSTO45.66TS OPENB	EUR	1,1850	1,1850	1,1550			1,1550					
Certificate	NL001255437	ALSTO46.34TS OPENH	EUR	1,2700	1,2700	1,2600			1,2600					
Certificate	NL0012862288	ALSTO50.88TS OPENH	EUR	1,7700	1,7700	1,7500			1,7500					
Certificate	DE000CP6XQ4	ALTIA 3TS OPENC	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CP07AS6	ALTIA 3TS OPENC	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0012899918	ALTIA 3TS OPENH	EUR	1,4300	1,4300	1,4200			1,4200					
Certificate	NL0012916951	ALTIA 5TS OPENH	EUR	3,6500	3,6500	3,6300			3,6300					
Certificate	DE000CV51XH1	ALTIA 16TS OPENC	EUR											
Certificate	DE000CV51KG0	ALTIA 18TS OPENC	EUR											
Certificate	NL0012494504	ALTIA 23BOC12188	EUR	8,5800	8,6800	8,5800			8,6800					
Certificate	NL0012911606	ALTIA 1.3TL OPENH	EUR	0,8400	0,8700	0,8400			0,8700					
Certificate	DE000CP238L3	ALTIA 1.5TL OPENC	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CP239U2	ALTIA 1.5TL OPENC	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	NL0013185952	ALTIA 1.7TL OPENH	EUR	0,5100	0,5400	0,5100			0,5400					
Certificate	NL0013187040	ALTIA 1.9TL OPENH	EUR											
Certificate	DE000CJ3QXH3	ALTIA 2.1TL OPENZ	EUR											
Certificate	DE000CJ3QS86	ALTIA 2.1TL OPENZ	EUR											
Certificate	DE000CP235G9	ALTIA 2.5TS OPENC	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CQ58ZM6	ALTIA 2.5TS OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0012891139	ALTIA 2.8TS OPENH	EUR	1,2000	1,2000	1,1900			1,1900					
Certificate	NL0012920003	ALTIA 3.5TS OPENH	EUR	1,9300	1,9300	1,9100			1,9100					
Certificate	NL0012911507	ALTIA 3.7TS OPENH	EUR	2,2300	2,2300	2,2200			2,2200					
Certificate	NL0012911499	ALTIA 3.8TS OPENH	EUR	2,3400	2,3400	2,3300			2,3300					
Certificate	NL0012911481	ALTIA 4.2TS OPENH	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	NL0012911473	ALTIA 4.6TS OPENH	EUR	3,2100	3,2100	3,2000			3,2000					
Certificate	NL0012692149	ALTIA 4.8TL OPENB	EUR	4,0900	4,1800	4,0900			4,1800					
Certificate	NL0012511117	ALTIA 5.8TL OPENB	EUR	3,1500	3,2400	3,1500			3,2400					
Certificate	NL0012511125	ALTIA 6.3TL OPENB	EUR	2,7500	2,8400	2,7500			2,8400					
Certificate	NL0012780712	ALTIA 6.8TL OPENB	EUR	2,2400	2,3300	2,2400			2,3300					
Certificate	NL0012782262	ALTIA 7.3TL OPENB	EUR	1,7700	1,8600	1,7700			1,8600					
Certificate	DE000CJ3QJ26	ALTIA 1.11TL OPENZ	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CJ3QFW9	ALTIA 1.31TL OPENZ	EUR	0,8000	0,8000	0,7900	120,0000	1	0,7900		150			
Certificate	DE000CJ3QJ34	ALTIA 1.46TL OPENZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CJ3QLH8	ALTIA 1.56TL OPENZ	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CJ3QM21	ALTIA 1.65TL OPENZ	EUR	0,5200	0,5200	0,4700	260,0000	1	0,4700		500			
Certificate	DE000CP239V0	ALTIA 1.75TL OPENC	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CP238M1	ALTIA 1.75TL OPENC	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CJ3QM39	ALTIA 1.76TL OPENZ	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CJ3QPH9	ALTIA 1.85TL OPENZ	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	DE000CJ3QPI5	ALTIA 1.95TL OPENZ	EUR											
Certificate	NL0012509582	ALTIA 10.9TS OPENB	EUR	3,2100	3,2100	3,1200			3,1200					
Certificate	NL0013163017	ALTIA 2.13BL OPENB	EUR											
Certificate	NL0013165392	ALTIA 2.22TS OPENB	EUR	0,4550	0,4550	0,4350			0,4350					
Certificate	DE000CJ3PJH4	ALTIA 2.43TS OPENZ	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CV883K0	ALTIA 2.66TL 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	DE000CJ3QSC4	ALTIA 2.68TS OPENZ	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CV8B3L8	ALTIA 2.68TS OPENZ	EUR											
Certificate	DE000CV89V42	ALTIA 3.31TL OPENZ	EUR											
Certificate	NL0012510200	ALTIA 5.62BL OPENB	EUR	3,4300	3,5200	3,4300			3,5200					
Certificate	NL0013157712	ALTIA0.731BL OPENB	EUR	1,3450	1,3750	1,3450			1,3750					
Certificate	NL0013156656	ALTIA0.931BL OPENB	EUR	1,1550	1,1850	1,1550			1,1850					
Certificate	NL0013157365	ALTIA1.114TL OPENB	EUR	0,9250	0,9550	0,9250			0,9550					
Certificate	NL0013156664	ALTIA1.131BL OPENB	EUR	0,9550	0,9850	0,9550			0,9850					
Certificate	NL0013156847	ALTIA1.264TL OPENB	EUR	0,7950	0,8150	0,7950			0,8150					
Certificate	NL0012996813	ALTIA1.331BL OPENB	EUR	0,7550	0,8300	0,7550	4369,8000	3	0,7850	5280				
Certificate	NL0013156854	ALTIA1.413TL OPENB	EUR	0,6550	0,6750	0,6550			0,6750					
Certificate	NL0013157985	ALTIA1.532BL OPENB	EUR	0,5450	0,5750	0,5450			0,5750					
Certificate	NL0013158561	ALTIA1.562TL OPENB	EUR	0,5150	0,5750	0,5150	7271,0000	3	0,5350	13000				
Certificate	NL0013159221	ALTIA1.712TL OPENB	EUR	0,3750	0,4100	0,3750	2050,0000	1	0,4050	5000				
Certificate	NL0013158371	ALTIA1.732BL OPENB	EUR	0,3450	0,3750	0,3450			0,3750					
Certificate	NL0013159411	ALTIA1.862TL OPENB	EUR	0,2350	0,3100	0,2350	7911,0000	6	0,2650	26650				
Certificate	NL0013159544	ALTIA1.933BL OPENB	EUR											
Certificate	NL0012509335	ALTIA11.368S OPENB	EUR	3,2800	3,2800	3,1900			3,1900					
Certificate	NL0013160492	ALTIA2.012TL OPENB	EUR											
Certificate	NL0013160153	ALTIA2.298BS OPENB	EUR	0,4550	0,4550	0,4350			0,4350					
Certificate	NL0013014145	ALTIA2.472TS OPENB	EUR	0,7150	0,7150	0,6950			0,6950					
Certificate	NL0012994404	ALTIA2.548BS OPENB	EUR	0,7150	0,7150	0,6850			0,6850					
Certificate	NL0012994271	ALTIA2.722TS OPENB	EUR	0,9850	0,9850	0,9650			0,9650					
Certificate	NL0012993760	ALTIA2.796BS OPENB	EUR	0,9650	0,9650	0,9350			0,9350					
Certificate	NL0013004922	ALTIA2.974TS OPENB	EUR	1,2550	1,2550	1,2150	6100,0000	1	1,2350	5000				
Certificate	NL0012512321	ALTIA3.564BL OPENB	EUR	5,4800	5,5800	5,4800			5,5800					
Certificate	NL0012511752	ALTIA4.592BL OPENB	EUR	4,4600	4,5500	4,4600			4,5500					
Certificate	NL0010660379	ALUMI 1630TL OPENB	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	NL0009993039	ALUMI 2630TS OPENB	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	NL0011047923	AMAZO 254TL OPENH	EUR	124,7800	124,7800	124,6700			124,6700					
Certificate	NL0010439006	AMAZO 290TL OPENB	EUR	121,1000	121,1000	121,1000			121,1000					
Certificate	DE000C8AYC2	AMAZO 380TL OPENC	EUR	20,9600	20,9600	20,9600			20,9600					
Certificate	NL0011047881	AMAZO 388TL OPENH	EUR	114,0800	114,0800	113,9200			113,9200					
Certificate	DE000CX00PX3	AMAZO 475TL OPENC	EUR	9,6500	9,6500	9,6500			9,6500					
Certificate	DE000CX00P28	AMAZO 520TL OPENC	EUR											
Certificate	NL0011720560	AMAZO 567TL OPENH	EUR	99,7700	99,7700	99,5600			99,5600					
Certificate	NL0011728126	AMAZO 642TL OPENH	EUR	93,7800	93,7800	93,4900			93,4900					
Certificate	DE000CX01LD2	AMAZO 650TL OPENC	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	DE000CX01MT6	AMAZO 680TL OPENC	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	NL0011731658	AMAZO 685TL OPENH	EUR	90,2900	90,2900	90,0500			90,0500					
Certificate	DE000CX59134	AMAZO 700TL OPENC	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	NL0011807367	AMAZO 715TL OPENB	EUR	86,0200	86,0200	86,0200			86,0200					
Certificate	NL0011903208	AMAZO 744TL OPENB	EUR	83,6300	83,6300	83,6300			83,6300					
Certificate	DE000CX59XY1	AMAZO 750TL OPENC	EUR											
Certificate	NL0011996442	AMAZO 783TL OPENH	EUR	82,4800	82,4800	82,1300			82,1300					
Certificate	DE000CY50V93	AMAZO 800TL OPENC	EUR	6,8400	6,8400	6,8400			6,8400					
Certificate	DE000CY50Y09	AMAZO 800TL OPENC	EUR	7,4900	7,5000	7,1500	1946,1100	2	7,1500	263				
Certificate	DE000CX01LH3	AMAZO 800TS OPENC	EUR											
Certificate	DE000CY50QX4	AMAZO 850TL OPENC	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	DE000CY50Y17	AMAZO 900TL OPENC	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	DE000CY50QY2	AMAZO 900TL OPENC	EUR	5,9000	5,9100	5,8600	1964,7000	1	5,8600	333				
Certificate	DE000CY51VD4	AMAZO 1000TL OPENC	EUR	5,0900	5,1000	5,0400	3054,0000	1	5,0400	600				
Certificate	DE000CY51YV0	AMAZO 1000TL OPENC	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	DE000CJ3N5L9	AMAZO 1087TL OPENZ	EUR	4,9350	4,9350	4,9350			4,9350					
Certificate	DE000CY525E7	AMAZO 1100TL OPENC	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000CY524W2	AMAZO 1100TL OPENC	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	DE000CV899R1	AMAZO 1126TL OPENZ	EUR											
Certificate	DE000VA9C4C7	AMAZO 1190TL OPENV	EUR	39,8450	39,8450	39,8450			39,8450					
Certificate	DE000CY52Q98	AMAZO 1200TL OPENC	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CY52MT7	AMAZO 1200TL OPENC	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000VA9C4D5	AMAZO 1210TL OPENV	EUR	38,0650	38,0650	38,0650			38,0650					
Certificate	DE000VA9C4E3	AMAZO 1230TL OPENV	EUR	36,2950	36,2950	36,2950			36,2950					
Certificate	DE000CV89WV0	AMAZO 1240TL OPENZ	EUR	3,5850	3,6000	3,5850	2160,0000	1	3,5850	600				
Certificate	DE000VA9C4F0	AMAZO 1250TL OPENV	EUR	34,5250	34,5250	34,5250			34,5250					
Certificate	DE000VA9C4G8	AMAZO 1270TL OPENV	EUR	32,7450	32,7450	32,7450			32,7450					
Certificate	DE000CQ5A1C5	AMAZO 1300TL OPENC	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CJ3PSV6	AMAZO 1302TL OPENZ	EUR	3,0450	3,2000	3,0350	4022,4000	1	3,0350	1257				
Certificate	DE000VA9C183	AMAZO 1308TL OPENV	EUR	29,3350	29,3350	29,3350			29,3350					
Certificate	DE000VA9CTR3	AMAZO 1326TL OPENV	EUR	27,4850	27,4850	27,4850			27,4850					
Certificate	DE000VA8F337	AMAZO 1364TL OPENV	EUR	23,9650	23,9650	23,9650			23,9650					
Certificate	DE000CJ3PNW5	AMAZO 1372TL OPENZ	EUR	2,4350	2,4350	2,4250			2,4250					
Certificate	DE000VA8FZ31	AMAZO 1384TL OPENV	EUR	22,1250	22,1250	22,1250			22,1250					



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	DE000CP235M7	AMAZO 1400TL OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000VA8F345	AMAZO 1404TL OPENV	EUR	20,3950	20,3950	20,3950			20,3950					
Certificate	DE000VA90RV2	AMAZO 1429TL OPENV	EUR	19,5600	22,3200	18,6450	2006,2500	3	18,6450	100				
Certificate	DE000CJ3QGY3	AMAZO 1442TL OPENZ	EUR	1,8350	1,8350	1,8250			1,8250					
Certificate	DE000VA90RW0	AMAZO 1449TL OPENV	EUR	17,6600	19,8700	16,8750	21162,6000	9	16,8750	1165				
Certificate	DE000VA90RX8	AMAZO 1469TL OPENV	EUR											
Certificate	DE000VA90VY8	AMAZO 1490TL OPENV	EUR	13,3450	13,3450	13,3450			13,3450					
Certificate	DE000CP238P4	AMAZO 1500TL OPENC	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CJ3QLD7	AMAZO 1512TL OPENZ	EUR	1,2350	1,5300	1,2150	510,3500	3	1,2150	379				
Certificate	DE000VA90XG1	AMAZO 1530TL OPENV	EUR	10,3850	10,3850	10,3850			10,3850					
Certificate	DE000VA90Y29	AMAZO 1550TL OPENV	EUR	9,0850	9,0850	9,0850			9,0850					
Certificate	DE000VA90Y06	AMAZO 1570TL OPENV	EUR	7,7850	7,7850	7,7850			7,7850					
Certificate	DE000CJ3QNK8	AMAZO 1581TL OPENZ	EUR	0,6450	0,7400	0,6250	296,0000	1	0,6250	400				
Certificate	DE000VA90Y22	AMAZO 1590TL OPENV	EUR											
Certificate	DE000CP239X6	AMAZO 1600TL OPENC	EUR											
Certificate	DE000CP238Q2	AMAZO 1600TL OPENC	EUR											
Certificate	DE000VA90Y48	AMAZO 1610TL OPENV	EUR											
Certificate	DE000VA90Y55	AMAZO 1630TL OPENV	EUR											
Certificate	DE000VN9HCG6	AMAZO 1632TL OPENV	EUR											
Certificate	DE000VA900U3	AMAZO 1651TL OPENV	EUR											
Certificate	DE000VN9HCH4	AMAZO 1652TL OPENV	EUR											
Certificate	DE000VN9HEZ2	AMAZO 1654TS OPENV	EUR											
Certificate	DE000CJ3QQ84	AMAZO 1660TL OPENZ	EUR											
Certificate	DE000VA900W9	AMAZO 1671TL OPENV	EUR											
Certificate	DE000VN9G9X1	AMAZO 1674TS OPENV	EUR											
Certificate	DE000VN9HE02	AMAZO 1674TS OPENV	EUR											
Certificate	DE000VA900Y5	AMAZO 1691TL OPENV	EUR											
Certificate	DE000VN9G9Y9	AMAZO 1694TS OPENV	EUR											
Certificate	DE000VN9HE28	AMAZO 1694TS OPENV	EUR	6,9350	6,9350	6,9350			6,9350					
Certificate	DE000VN9HE36	AMAZO 1714TS OPENV	EUR	8,2450	8,2450	8,2450			8,2450					
Certificate	DE000VN9G9Z6	AMAZO 1714TS OPENV	EUR											
Certificate	DE000VN9G7K2	AMAZO 1734TS OPENV	EUR	9,5450	9,5450	9,5450			9,5450					
Certificate	NL0013163140	AMAZO 1741BS OPENB	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	DE000VA5RLA2	AMAZO 1749TL OPENV	EUR											
Certificate	DE000CQ5A5T0	AMAZO 1750TS OPENC	EUR											
Certificate	DE000VN9G7L0	AMAZO 1754TS OPENV	EUR	10,8550	10,8550	10,8550			10,8550					
Certificate	NL0013162340	AMAZO 1769TS OPENB	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	DE000VA5RLB0	AMAZO 1774TL OPENV	EUR											
Certificate	DE000VN9G7N6	AMAZO 1774TS OPENV	EUR	12,2050	12,2050	12,2050			12,2050					
Certificate	DE000VA8FXT6	AMAZO 1797TS OPENV	EUR	13,9750	13,9750	13,9750			13,9750					
Certificate	DE000CP060Y4	AMAZO 1800TL OPENC	EUR											
Certificate	DE000CP235P0	AMAZO 1800TS OPENC	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000CQ5BZR5	AMAZO 1800TS OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000VA8FSV2	AMAZO 1817TS OPENV	EUR	15,7350	15,7350	15,7350			15,7350					
Certificate	NL0013018468	AMAZO 1829BS OPENB	EUR	17,5750	17,5750	17,5750			17,5750					
Certificate	DE000VA8FRV4	AMAZO 1837TS OPENV	EUR	17,4850	17,4850	17,4850			17,4850					
Certificate	DE000VA7TG13	AMAZO 1857TS OPENV	EUR	19,2350	19,2350	19,2350			19,2350					
Certificate	DE000VA7TG39	AMAZO 1877TS OPENV	EUR	21,0050	21,0050	21,0050			21,0050					
Certificate	DE000CJ3N5Y2	AMAZO 1883TS OPENZ	EUR	2,1550	2,1950	2,1550			2,1950					
Certificate	DE000VA7TG62	AMAZO 1897TS OPENV	EUR	22,7650	22,7650	22,7650			22,7650					
Certificate	DE000CP06UB2	AMAZO 1900TS OPENC	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000VA7TDK0	AMAZO 1917TS OPENV	EUR	24,5150	24,5150	24,5150			24,5150					
Certificate	NL0013006950	AMAZO 1920BS OPENB	EUR	25,6550	25,6550	25,6550			25,6550					
Certificate	DE000VA7TAX9	AMAZO 1937TS OPENV	EUR	26,2750	26,2750	26,2750			26,2750					
Certificate	NL0013009939	AMAZO 1950TS OPENB	EUR	41,4350	41,4350	41,4350			41,4350					
Certificate	DE000VA7PV83	AMAZO 1957TS OPENV	EUR	28,0250	28,0250	28,0250			28,0250					
Certificate	DE000VA7PV91	AMAZO 1977TS OPENV	EUR	29,7950	29,7950	29,7950			29,7950					
Certificate	DE000VA7PU68	AMAZO 1997TS OPENV	EUR	31,5350	31,5350	31,5350			31,5350					
Certificate	DE000CP06UC0	AMAZO 2000TS OPENC	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	DE000CP07AU2	AMAZO 2000TS OPENC	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	NL0013004724	AMAZO 2016BS OPENB	EUR	34,1450	34,1450	34,1450			34,1450					
Certificate	DE000VA7PU76	AMAZO 2017TS OPENV	EUR	33,3050	33,3050	33,3050			33,3050					
Certificate	DE000CJ3N039	AMAZO 2033TS OPENZ	EUR	3,4750	3,5150	3,4750			3,5150					
Certificate	DE000VA7PN26	AMAZO 2037TS OPENV	EUR	35,0550	35,0550	35,0550			35,0550					
Certificate	NL0012997092	AMAZO 2048TS OPENB	EUR	50,8050	50,8050	50,8050			50,8050					
Certificate	DE000VA5RK11	AMAZO 2061TS OPENV	EUR	36,8150	36,8150	36,8150			36,8150					
Certificate	DE000VA5RK29	AMAZO 2086TS OPENV	EUR	39,0150	39,0150	39,0150			39,0150					
Certificate	DE000CQ5BPV8	AMAZO 2100TS OPENC	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000VA5RK37	AMAZO 2111TS OPENV	EUR	41,2150	41,2150	41,2150			41,2150					
Certificate	DE000VA5RK45	AMAZO 2136TS OPENV	EUR	43,4250	43,4250	43,4250			43,4250					
Certificate	NL0012993489	AMAZO 2150TS OPENB	EUR	60,6150	60,6150	60,6150			60,6150					
Certificate	DE000VA5RL36	AMAZO 2161TS OPENV	EUR	45,6350	45,6350	45,6350			45,6350					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA640K6	AMAZO 2177TS OPENV	EUR	47,4050	47,4050	47,4050			47,4050					
Certificate	DE000CV89E76	AMAZO 2182TS OPENZ	EUR	4,7850	4,8350	4,7850			4,8350					
Certificate	DE000CP06107	AMAZO 2200TS OPENC	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000C058VE2	AMAZO 2200TS OPENC	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000VASRQ07	AMAZO 2210TS OPENV	EUR	50,0350	50,0350	50,0350			50,0350					
Certificate	DE000VA6D963	AMAZO 2229TS OPENV	EUR	51,8250	51,8250	51,8250			51,8250					
Certificate	DE000VASRRK8	AMAZO 2260TS OPENV	EUR	54,4450	54,4450	54,4450			54,4450					
Certificate	DE000VA640L4	AMAZO 2277TS OPENV	EUR	56,2250	56,2250	56,2250			56,2250					
Certificate	DE000CP06115	AMAZO 2300TS OPENC	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	DE000VA6D302	AMAZO 2310TS OPENV	EUR	58,8550	58,8550	58,8550			58,8550					
Certificate	DE000VA6D310	AMAZO 2335TS OPENV	EUR	61,0550	61,0550	61,0550			61,0550					
Certificate	DE000CV8A3C8	AMAZO 2384TS OPENZ	EUR	6,5500	6,6100	6,5500			6,6100					
Certificate	DE000CP062V6	AMAZO 2400TS OPENC	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	NL0010117909	AMAZO237.4TL OPENB	EUR	125,4500	125,4500	125,4500			125,4500					
Certificate	NL0011090840	AMAZO400.3TL OPENB	EUR	112,0000	112,0000	112,0000			112,0000					
Certificate	NL0011796503	AMAZO589.2TL OPENB	EUR	96,4000	96,4000	96,4000			96,4000					
Certificate	NL0011797113	AMAZO618.6TL OPENB	EUR	93,9700	93,9700	93,9700			93,9700					
Certificate	NL0011801220	AMAZO649.5TL OPENB	EUR	91,4300	91,4300	91,4300			91,4300					
Certificate	NL0011804729	AMAZO681.4TL OPENB	EUR	88,8000	88,8000	88,8000			88,8000					
Certificate	NL0011899141	AMAZO753.58L OPENB	EUR	79,2600	79,2600	79,2600			79,2600					
Certificate	NL0012033609	AMAZO791.18L OPENB	EUR	75,7800	75,7800	75,7800			75,7800					
Certificate	DE000CJ3PSU8	AMAZO935.5TL OPENZ	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	DE000CD63X59	AMBEV3.671TL OPENZ	EUR	0,1700	0,1800	0,1700			0,1800					
Certificate	DE000CD63RW1	AMD 8.57L OPENZ	EUR	10,7500	10,9800	10,7500			10,9800					
Certificate	DE000CJ3PT58	AMD 16.9TL OPENZ	EUR	0,5650	0,5950	0,5650			0,5950					
Certificate	DE000CJ3QGX5	AMD 18.4TL OPENZ	EUR	0,3150	0,3450	0,3150			0,3450					
Certificate	DE000CJ3QMU9	AMD 19.9TL OPENZ	EUR											
Certificate	DE000VN9HCJ0	AMD 20.3TL OPENV	EUR											
Certificate	DE000CN6KZ13	AMD 3.11TL OPENZ	EUR	15,0900	15,3300	15,0900			15,3300					
Certificate	DE000CD611G5	AMD 4.79TL OPENZ	EUR	13,7400	13,9700	13,7400			13,9700					
Certificate	DE000CD62BU1	AMD 6.39TL OPENZ	EUR	12,4500	12,6800	12,4500			12,6800					
Certificate	DE000CV8A6C1	AMD 12.38TL OPENZ	EUR	1,3450	1,3850	1,3450			1,3850					
Certificate	DE000VA8F519	AMD 13.71TL OPENV	EUR	5,7650	5,7650	5,7650			5,7650					
Certificate	DE000VA8F0K6	AMD 14.21TL OPENV	EUR	5,3150	5,3150	5,3150			5,3150					
Certificate	DE000CV8A6D9	AMD 14.42TL OPENZ	EUR	0,9950	1,0250	0,9950			1,0250					
Certificate	DE000VA8F0P5	AMD 14.71TL OPENV	EUR	4,8650	4,8650	4,8650			4,8650					
Certificate	DE000VA8F0Q3	AMD 15.21TL OPENV	EUR	4,4150	4,4150	4,4150			4,4150					
Certificate	DE000VA8F0S9	AMD 15.71TL OPENV	EUR	3,9750	3,9750	3,9750			3,9750					
Certificate	DE000CJ3PMG0	AMD 15.91TL OPENZ	EUR	0,7350	0,7650	0,7350			0,7650					
Certificate	DE000VA87FQ3	AMD 16.72TL OPENV	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	DE000VA90R23	AMD 17.26TL OPENV	EUR	2,6550	2,6550	2,6550			2,6550					
Certificate	DE000VA90R21	AMD 17.76TL OPENV	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	DE000VA90R39	AMD 18.26TL OPENV	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	DE000VA90V09	AMD 18.77TL OPENV	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000VA90V17	AMD 19.27TL OPENV	EUR											
Certificate	DE000VN9HE44	AMD 19.93TS OPENV	EUR											
Certificate	DE000VA90X15	AMD 20.27TL OPENV	EUR											
Certificate	DE000VN9HE51	AMD 20.43TS OPENV	EUR											
Certificate	DE000VN9HE69	AMD 20.93TS OPENV	EUR											
Certificate	DE000VA90012	AMD 21.28TL OPENV	EUR											
Certificate	DE000CJ3QR83	AMD 21.38TL OPENZ	EUR											
Certificate	DE000VN9G709	AMD 21.93TS OPENV	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	DE000VN9G5Z4	AMD 22.28TL OPENV	EUR											
Certificate	DE000CJ3QV04	AMD 22.49TS OPENZ	EUR	0,4750	0,4750	0,4450			0,4450					
Certificate	DE000VN9G7R7	AMD 22.93TS OPENV	EUR	2,1000	2,6300	1,9800	1151,5000	3	2,5950	550				
Certificate	DE000VA9CWP1	AMD 23.95TS OPENV	EUR	3,4750	3,4750	3,4750			3,4750					
Certificate	DE000CJ3PYR2	AMD 24.99TS OPENZ	EUR	0,9050	0,9050	0,8750			0,8750					
Certificate	DE000VA8FSX8	AMD 25.46TS OPENV	EUR	4,7950	4,7950	4,7950			4,7950					
Certificate	DE000VA8FSY6	AMD 26.46TS OPENV	EUR	5,6750	5,6750	5,6750			5,6750					
Certificate	DE000VA8FRW2	AMD 27.46TS OPENV	EUR	6,5650	6,5650	6,5650			6,5650					
Certificate	DE000VA710K7	AMD 28.46TS OPENV	EUR	7,4450	7,4450	7,4450			7,4450					
Certificate	DE000CJ3PGN8	AMD 28.47TS OPENZ	EUR	1,5050	1,5050	1,4850			1,4850					
Certificate	DE000VA7PN34	AMD 29.48TS OPENV	EUR	8,3250	8,3250	8,3250			8,3250					
Certificate	DE000VA7PN42	AMD 30.48TS OPENV	EUR	9,2050	9,2050	9,2050			9,2050					
Certificate	DE000CJ3NY79	AMD 31.48TS OPENZ	EUR	2,0350	2,0350	2,0150			2,0150					
Certificate	DE000CV8B8X2	AMD 34.98TS OPENZ	EUR	2,6550	2,6550	2,6350			2,6350					
Certificate	DE0006106701	AMEXB PI OPENN	EUR	391,9400	391,9400	391,9400			391,9400					
Certificate	NL0010045639	AMEXB 1356TL OPENB	EUR	285,4200	285,4200	285,4200			285,4200					
Certificate	NL0012795892	AMG LEVOPENZ	EUR	15,4100	15,4100	15,4100			15,4100					
Certificate	NL0012795934	AMG SHROPENZ	EUR	71,6300	71,6300	71,6300			71,6300					
Certificate	NL0012796106	AMG 42BON0919Z	EUR	32,9300	32,9300	32,9300			32,9300					
Certificate	NL0012796114	AMG 42BON1219Z	EUR	32,9300	32,9300	32,9300			32,9300					



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	NL0012796825	AMG 448OC0919Z	EUR	33,9900	33,9900	33,9900			33,9900					
Certificate	NL0013110661	AMG 458OC0919Z	EUR	32,6400	32,6400	32,6400			32,6400					
Certificate	NL0012796833	AMG 468OC1219Z	EUR	33,7200	33,7200	33,7200			33,7200					
Certificate	NL0011914601	AMG 12.4TL OPENB	EUR	22,6000	22,6000	22,4800			22,4800					
Certificate	NL0009938802	AMG 4.66TL OPENB	EUR	29,1400	29,1400	29,1400			29,1400					
Certificate	NL0013154784	AMG 41.5TS OPENB	EUR	12,7300	12,7900	12,7300			12,7900					
Certificate	NL0011435904	AMG 5.65TL OPENB	EUR	28,4800	28,4800	28,3600			28,3600					
Certificate	NL0011807862	AMG 9.83TL OPENB	EUR	24,8500	24,8500	24,7300			24,7300					
Certificate	NL0011906219	AMG 11.37TL OPENB	EUR	23,5000	23,5000	23,3800			23,3800					
Certificate	DE000CD62ZP0	AMG 13.31TL OPENZ	EUR	4,1800	4,1800	4,1300	1667,0000	3	4,1500	400				
Certificate	NL0012105324	AMG 15.63TL OPENB	EUR	19,7900	19,7900	19,6700			19,6700					
Certificate	NL0012114029	AMG 18.72TL OPENB	EUR	17,1200	17,1200	17,0000			17,0000					
Certificate	NL0012115042	AMG 19.75TL OPENB	EUR	16,2100	16,2100	16,0900			16,0900					
Certificate	NL0012115224	AMG 20.77TL OPENB	EUR	15,3200	15,3200	15,0600	1139,2500	1	15,2000	75				
Certificate	DE000CE6BWQ6	AMG 21.37TL OPENZ	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0012121313	AMG 21.77TL OPENB	EUR	14,4500	14,4500	14,3300	474,5400	1	14,3300	33				
Certificate	DE000CE6CQE2	AMG 23.65TL OPENZ	EUR	2,2100	2,2900	2,1500	4123,5000	3	2,2400	1850				
Certificate	NL0012268486	AMG 23.83TL OPENB	EUR	12,6600	12,6600	12,5400			12,5400					
Certificate	NL0012269898	AMG 24.84TL OPENB	EUR	11,7800	11,8900	11,6100	14582,5000	3	11,6600	1250				
Certificate	DE000CE6DGX1	AMG 25.92TL OPENZ	EUR	1,8400	1,8400	1,8400	1196,0000	4	1,8400	650				
Certificate	NL0012278691	AMG 26.87TL OPENB	EUR	10,0100	10,0100	9,8900			9,8900					
Certificate	NL0012488977	AMG 27.88TL OPENB	EUR	9,1300	9,1300	9,0100			9,0100					
Certificate	DE000CE6E4B2	AMG 28.13TL OPENZ	EUR	1,4100	1,5300	1,4000	8974,1000	8	1,4100	6020				
Certificate	NL0012490353	AMG 28.89TL OPENB	EUR	8,2500	8,2500	8,1300	814,0000	1	8,1300	100				
Certificate	NL0012492144	AMG 29.89TL OPENB	EUR	7,3800	7,3900	7,2600	554,2500	1	7,2600	75				
Certificate	DE000CE6EMT5	AMG 30.87TL OPENZ	EUR	0,9000	0,9800	0,8000	10150,7500	12	0,9000	11295				
Certificate	NL0012492151	AMG 30.92TL OPENB	EUR	6,4900	6,4900	6,3200	7980,0000	2	6,4100	1250				
Certificate	NL0012497689	AMG 31.92TL OPENB	EUR	5,6100	5,6100	5,1400	472,8000	3	5,4900	90				
Certificate	NL0012497697	AMG 32.94TL OPENB	EUR											
Certificate	NL0012777171	AMG 33.94TL OPENB	EUR											
Certificate	DE000CE6EZE9	AMG 34.14TL OPENZ	EUR											
Certificate	NL0013165400	AMG 34.29TS OPENB	EUR	4,7800	4,8400	4,7800			4,8400					
Certificate	NL0013011687	AMG 35.95TL OPENB	EUR											
Certificate	DE000CJ3PMX5	AMG 36.64TL OPENZ	EUR											
Certificate	NL0013162357	AMG 37.72TS OPENB	EUR	8,5800	8,6400	8,5800			8,6400					
Certificate	NL0013159239	AMG 37.95TL OPENB	EUR											
Certificate	DE000CJ3QV46	AMG 39.14TS OPENZ	EUR	1,9400	1,9600	1,9100	341,0000	2	1,9100	175				
Certificate	DE000CJ3QBR8	AMG 44.14TS OPENZ	EUR	3,0200	3,0400	3,0100	1909,2000	2	3,0100	630				
Certificate	NL0013149222	AMG 45.66TS OPENB	EUR	17,3400	17,4000	17,3400			17,4000					
Certificate	DE000CV8ALW4	AMG 49.71TS OPENZ	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	NL0013146111	AMG 50.22TS OPENB	EUR	22,4000	22,4600	22,4000			22,4600					
Certificate	DE000CV8A070	AMG 54.29TS OPENZ	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	NL0013148679	AMG 55.26TS OPENB	EUR	27,9800	28,0400	27,9800			28,0400					
Certificate	NL0010133450	AMGEN 70.2TL OPENB	EUR	116,4200	116,4200	116,4200			116,4200					
Certificate	NL0013162134	AML 1129TL OPENB	EUR	2,1300	2,1300	2,0700			2,0700					
Certificate	NL0013014442	AML 1204TL OPENB	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	NL0013164452	AML 1279TL OPENB	EUR											
Certificate	NL0013010861	AML 1280TL OPENB	EUR											
Certificate	NL0013009665	AML 1356TL OPENB	EUR											
Certificate	NL0013162431	AML 1374TS OPENB	EUR	3,4000	3,4600	3,4000			3,4600					
Certificate	NL0013154628	AML 1524TS OPENB	EUR	5,2400	5,2900	5,2400			5,2900					
Certificate	NL0013151921	AML 1674TS OPENB	EUR	7,0800	7,1300	7,0800			7,1300					
Certificate	NL0013005754	AML 1823TS OPENB	EUR	8,9000	8,9500	8,9000			8,9500					
Certificate	NL0013150261	AML 1974TS OPENB	EUR	10,7600	10,8100	10,7600			10,8100					
Certificate	DE000CJ3QEG5	AML 9.37TL OPENZ	EUR	0,8150	0,8150	0,7450			0,7450					
Certificate	DE000CJ3N542	AML 10.86TL OPENZ	EUR	0,5050	0,5050	0,4450			0,4450					
Certificate	DE000CJ3N559	AML 12.39TL OPENZ	EUR											
Certificate	DE000CJ3QDV6	AMUN 31.51TL OPENZ	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	DE000CJ3PF70	AMUN 36.54TL OPENZ	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	DE000CV89NZ0	AMUN 42.57TL OPENZ	EUR	0,5700	0,5700	0,5250	171,0000	1	0,5250	300				
Certificate	NL0010134805	AMX 444TL OPENB	EUR	23,4100	23,7300	23,2000	7060,0000	3	23,2000	300				
Certificate	NL0011036561	AMX 457TL OPENH	EUR	22,0500	22,5500	22,0500			22,5500					
Certificate	NL0011036553	AMX 478TL OPENH	EUR	20,0200	20,5200	20,0200			20,5200					
Certificate	NL0011036546	AMX 499TL OPENH	EUR	17,9800	18,4800	17,9800			18,4800					
Certificate	NL0010151007	AMX 508TL OPENA	EUR											
Certificate	NL0010910345	AMX 509TL OPENB	EUR	16,7000	17,0300	16,6300	4175,0000	1	17,0300	250				
Certificate	NL0011036538	AMX 521TL OPENH	EUR	15,9500	16,4500	15,9500			16,4500					
Certificate	NL0011036520	AMX 542TL OPENH	EUR	13,9200	14,4200	13,5400	1354,0000	1	14,4200	100				
Certificate	NL0011907092	AMX 559TL OPENB	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	NL0011054614	AMX 836TS OPENH	EUR	23,1600	23,1600	22,5400			22,5400					
Certificate	DE000CV4ZBY7	AMX 989.TS OPENZ	EUR	33,5400	33,5400	33,5400			33,5400					
Certificate	DE000CJ3PNJ2	AMX 457.6TL OPENZ	EUR	19,7000	19,7000	19,7000			19,7000					



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	NL0011647367	AMX 533.8TL OPENB	EUR	14,5900	14,5900	14,5900			14,5900					
Certificate	DE000CR9RW82	AMX 557.4TL OPENZ	EUR	9,7200	9,7200	9,7200			9,7200					
Certificate	DE000CR9Q0Q3	AMX 578.5TL OPENZ	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	NL0011912357	AMX 585.4TL OPENB	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	DE000CD62JRO	AMX 619.3TL OPENZ	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	NL0012100762	AMX 636.6TL OPENB	EUR	5,1000	5,1700	4,7900	510,0000	1	4,7900	100				
Certificate	DE000CD643F0	AMX 659.5TL OPENZ	EUR											
Certificate	NL0012110621	AMX 662.2TL OPENB	EUR											
Certificate	NL0013160435	AMX 687.2TL OPENB	EUR											
Certificate	NL0013163835	AMX 693.6TS OPENB	EUR	7,8300	7,8300	7,5100	1174,5000	1	7,5100	150				
Certificate	DE000CJ3QUL1	AMX 699.7TS OPENZ	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	NL0013155781	AMX 718.6TS OPENB	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	NL0013153224	AMX 743.6TS OPENB	EUR	12,6600	12,6600	12,6600			12,6600					
Certificate	DE000CJ3N393	AMX 759.5TS OPENZ	EUR	10,5900	10,5900	10,5900			10,5900					
Certificate	NL0013009442	AMX 767.9TS OPENB	EUR	15,2100	15,2100	15,2100			15,2100					
Certificate	NL0013006455	AMX 792.7TS OPENB	EUR	17,8200	17,8200	17,8200			17,8200					
Certificate	DE000CE6CD83	AMX 819.2TS OPENZ	EUR	16,5500	16,5500	16,5500			16,5500					
Certificate	NL0012278071	AMX 841.1TS OPENB	EUR	22,9100	22,9100	22,9100			22,9100					
Certificate	DE000CE6CM82	AMX 869.9TS OPENZ	EUR	21,6200	21,6200	21,6200			21,6200					
Certificate	DE000CE6EOG9	AMX 929.5TS OPENZ	EUR	27,5900	27,5900	27,5900			27,5900					
Certificate	DE000CV509D6	ANGAM11.78TL OPENZ	EUR	4,6850	5,3350	4,6850			5,3350					
Certificate	DE000CV509E4	ANGAM13.79TL OPENZ	EUR	2,4950	3,1350	2,4950			3,1350					
Certificate	DE000CV8BCD1	ANGAM9.761TL OPENZ	EUR	6,9000	7,5600	6,9000			7,5600					
Certificate	DE000CD62RK8	AOO 46.92TL OPENZ	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CD62RL6	AOO 54.42TL OPENZ	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CD62RM4	AOO 61.79TL OPENZ	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CE6C1U0	AOO 67.05TL OPENZ	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000CV87JA5	AOO 72.32TL OPENZ	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000CE6F322	AOO 86.31TS OPENZ	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CJ3PET0	AOO 96.18TS OPENZ	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CX59159	APPLE 100TL OPENC	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CQ5ATG3	APPLE 170TS OPENC	EUR											
Certificate	DE000CQ5ATH1	APPLE 175TS OPENC	EUR											
Certificate	DE000CP235J3	APPLE 185TS OPENC	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000CP23P39	APPLE 185TS OPENC	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CP235K1	APPLE 190TS OPENC	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000CP238N9	APPLE 190TS OPENC	EUR	1,6300	1,8900	1,6300	3542,5000	4	1,8900	1950				
Certificate	DE000CP232T9	APPLE 195TS OPENC	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000CP232U7	APPLE 200TS OPENC	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000CP235L9	APPLE 200TS OPENC	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	NL0013152705	APPLE 206TS OPENB	EUR	5,3050	5,3050	5,3050			5,3050					
Certificate	DE000CP232V5	APPLE 210TS OPENC	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	DE000CP239W8	APPLE 210TS OPENC	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000CP06U82	APPLE 225TS OPENC	EUR	4,7000	4,9300	4,7000	470,0000	1	4,9300	100				
Certificate	DE000CP06U90	APPLE 230TS OPENC	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CP07AT4	APPLE 230TS OPENC	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	DE000CP062R4	APPLE 235TS OPENC	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	DE000CP060U2	APPLE 235TS OPENC	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	DE000CQ58TJ5	APPLE 240TS OPENC	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	DE000CQ58VC6	APPLE 240TS OPENC	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	DE000CP060V0	APPLE 245TS OPENC	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	DE000CP062S2	APPLE 245TS OPENC	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	DE000CP062T0	APPLE 250TS OPENC	EUR	7,8800	7,8800	7,8800			7,8800					
Certificate	DE000CP060W8	APPLE 250TS OPENC	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	DE000CP06P14	APPLE 255TS OPENC	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	DE000CP060X6	APPLE 260TS OPENC	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000CP062U8	APPLE 260TS OPENC	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	NL0009960962	APPLE 510TL OPENA	EUR											
Certificate	NL0009961036	APPLE 520TL OPENA	EUR											
Certificate	DE000VN9HEB3	APPLE 168.TL OPENV	EUR											
Certificate	DE000VAGT3H2	APPLE 217.TL OPENV	EUR											
Certificate	NL0009621887	APPLE 31.3TL OPENB	EUR	86,9400	86,9400	86,9400			86,9400					
Certificate	NL0009621895	APPLE 36.5TL OPENB	EUR	83,9800	83,9800	83,9800			83,9800					
Certificate	NL0011042759	APPLE 39.7TL OPENH	EUR	11,8000	11,8000	11,7700			11,7700					
Certificate	NL0010442257	APPLE 53.9TL OPENB	EUR	74,1400	74,1400	74,1400			74,1400					
Certificate	NL0010444956	APPLE 58.5TL OPENB	EUR	71,5900	71,5900	71,5900			71,5900					
Certificate	NL0010517934	APPLE 63.6TL OPENB	EUR	68,6900	68,6900	68,6900			68,6900					
Certificate	NL0011042726	APPLE 66.5TL OPENH	EUR	9,6600	9,6600	9,6100			9,6100					
Certificate	NL0011052360	APPLE 67.5TL OPENH	EUR	9,5800	9,5800	9,5300			9,5300					
Certificate	NL0010520086	APPLE 68.1TL OPENB	EUR	66,1200	66,1200	66,1200			66,1200					
Certificate	NL0011052352	APPLE 70.7TL OPENH	EUR	9,3200	9,3200	9,2700			9,2700					
Certificate	NL0010656096	APPLE 72.7TL OPENB	EUR	63,5700	63,5700	63,5700			63,5700					



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	NL0010656104	APPLE 77.2TL OPENB	EUR	61,0200	61,0200	61,0200			61,0200					
Certificate	NL0011052337	APPLE 80.1TL OPENH	EUR	8,5600	8,5600	8,5100			8,5100					
Certificate	DE000CZ7D7Q1	APPLE 80.9TL OPENZ	EUR	54,7600	54,7700	54,7600			54,7700					
Certificate	NL0011594403	APPLE 81.2TL OPENH	EUR	8,4700	8,4700	8,4200			8,4200					
Certificate	NL0010656427	APPLE 81.6TL OPENB	EUR	58,4900	58,4900	58,4900			58,4900					
Certificate	NL0011052329	APPLE 83.5TL OPENH	EUR	8,3000	8,3000	8,2400			8,2400					
Certificate	NL0010658340	APPLE 86.1TL OPENB	EUR	55,9600	55,9600	55,9600			55,9600					
Certificate	NL0011594379	APPLE 87.8TL OPENH	EUR	7,9500	7,9500	7,8900			7,8900					
Certificate	NL0011052311	APPLE 89.5TL OPENH	EUR	7,8100	7,8100	7,7500			7,7500					
Certificate	NL0011808076	APPLE 90.2TL OPENB	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	NL0011928957	APPLE 97.5TL OPENH	EUR	7,1800	7,1800	7,1100			7,1100					
Certificate	NL0011912589	APPLE100.3TL OPENB	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	DE000CN6LH06	APPLE101.5TL OPENZ	EUR	6,0100	6,0100	6,0000			6,0000					
Certificate	NL0012015952	APPLE105.5TL OPENB	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	DE000CD62FF3	APPLE110.1TL OPENZ	EUR	5,2500	5,2500	5,2400			5,2400					
Certificate	DE000VN9HG59	APPLE140.5TL OPENV	EUR	2,5600	2,5600	2,5550	921,6000	1	2,5550	360				
Certificate	DE000VA90XT4	APPLE145.3TL OPENV	EUR	2,1150	2,1150	2,1150			2,1150					
Certificate	NL0011733118	APPLE146.1TS OPENH	EUR											
Certificate	DE000VA90TL9	APPLE147.7TL OPENV	EUR	1,9500	1,9550	1,8850	39,0000	1	1,8850	20				
Certificate	DE000VA90TM7	APPLE150.2TL OPENV	EUR	1,8800	1,8850	1,6650	75,2000	1	1,6650	40				
Certificate	DE000VA90TR6	APPLE152.7TL OPENV	EUR	1,7000	1,7000	1,4400	6170,0000	4	1,4450	4000				
Certificate	DE000VA90TT2	APPLE155.2TL OPENV	EUR	1,3900	1,3900	1,2250	58310,0000	3	1,2250	42000				
Certificate	DE000CM4ASAS	APPLE16.62TL OPENZ	EUR	9,4700	9,4900	9,4700			9,4900					
Certificate	DE000VA9C1M2	APPLE160.1TL OPENV	EUR	0,8800	1,0000	0,7600	53048,0000	18	0,8450	58100				
Certificate	DE000VA9C1N0	APPLE162.6TL OPENV	EUR	0,6900	0,8400	0,5900	7990,2800	10	0,6650	11217				
Certificate	DE000VA9C1P5	APPLE165.1TL OPENV	EUR											
Certificate	DE000VA9CUN0	APPLE170.4TL OPENV	EUR											
Certificate	DE000VN9HG26	APPLE171.6TS OPENV	EUR											
Certificate	NL0012778518	APPLE171.98S OPENB	EUR											
Certificate	DE000VA90ZW3	APPLE172.8TL OPENV	EUR											
Certificate	DE000VN9HG42	APPLE174.1TS OPENV	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000VA90ZY9	APPLE175.3TL OPENV	EUR											
Certificate	NL0013164890	APPLE176.48S OPENB	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	DE000VN9HD94	APPLE176.6TS OPENV	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	NL0013165418	APPLE177.8TS OPENB	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	DE000VN9GG35	APPLE177.9TL OPENV	EUR											
Certificate	DE000VN9HB21	APPLE179.1TS OPENV	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	NL0013164908	APPLE180.48S OPENB	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	DE000VN9G9J0	APPLE181.6TS OPENV	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000VN9G9L6	APPLE184.1TS OPENV	EUR	1,1200	1,4100	1,1200	3326,5000	5	1,3850	2500				
Certificate	NL0013163173	APPLE184.48S OPENB	EUR	15,2400	15,2400	15,2400			15,2400					
Certificate	DE000CJ3QV12	APPLE184.5TS OPENZ	EUR	1,3950	1,4250	1,3950			1,4250					
Certificate	DE000VA90TA2	APPLE186.6TS OPENV	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	NL0013156557	APPLE186.7TS OPENB	EUR	3,4050	3,4050	3,4050			3,4050					
Certificate	NL0013156052	APPLE188.48S OPENB	EUR	18,6800	18,7700	18,6100	186,8000	1	18,7700	10				
Certificate	DE000VA90TD6	APPLE189.1TS OPENV	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	DE000VA90TG9	APPLE191.6TS OPENV	EUR	2,0450	2,0450	2,0450			2,0450					
Certificate	NL0013155385	APPLE192.48S OPENB	EUR	22,3100	22,3100	22,3100			22,3100					
Certificate	DE000VA90TH7	APPLE194.1TS OPENV	EUR	2,2650	2,2650	2,2650			2,2650					
Certificate	NL0013153794	APPLE196.1TS OPENB	EUR	4,3350	4,3350	4,3350			4,3350					
Certificate	NL0013153554	APPLE196.48S OPENB	EUR	25,8500	25,8500	25,8500			25,8500					
Certificate	DE000VA90VD2	APPLE196.6TS OPENV	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	DE000VA9C1H2	APPLE199.1TS OPENV	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	DE000CJ3QCH7	APPLE199.5TS OPENZ	EUR	2,6950	2,7450	2,6950			2,7450					
Certificate	NL0013152218	APPLE200.48S OPENB	EUR	27,1600	29,3900	27,1600	543,2000	1	29,3900	20				
Certificate	DE000VA9C1J8	APPLE201.6TS OPENV	EUR	2,9250	2,9250	2,9250			2,9250					
Certificate	DE000VA9C1K6	APPLE204.1TS OPENV	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	DE000VA9C1L4	APPLE206.6TS OPENV	EUR	3,3750	3,3750	3,3750			3,3750					
Certificate	NL0013152226	APPLE208.48S OPENB	EUR	36,4500	36,4500	36,4500			36,4500					
Certificate	DE000VA9CX43	APPLE209.1TS OPENV	EUR	3,5950	3,5950	3,5950			3,5950					
Certificate	DE000VA9CS73	APPLE212.3TS OPENV	EUR	3,8150	3,8150	3,8150			3,8150					
Certificate	NL0013149487	APPLE212.48S OPENB	EUR	39,9900	39,9900	39,9900			39,9900					
Certificate	DE000VA9CS81	APPLE214.8TS OPENV	EUR	4,0350	4,0350	4,0350			4,0350					
Certificate	NL0013149024	APPLE216.48S OPENB	EUR	43,5300	43,5300	43,5300			43,5300					
Certificate	NL0013149230	APPLE216.4TS OPENB	EUR	6,3350	6,3350	6,3350			6,3350					
Certificate	DE000VA9CS99	APPLE217.3TS OPENV	EUR	4,2550	4,2550	4,2550			4,2550					
Certificate	DE000CJ3PYT8	APPLE219.5TS OPENZ	EUR	4,4550	4,5050	4,4550			4,5050					
Certificate	DE000VA9CTA9	APPLE219.8TS OPENV	EUR	4,4750	4,4750	4,4750			4,4750					
Certificate	DE000CM027P4	APPLE222.32TL OPENZ	EUR	9,1400	9,1600	9,1400			9,1600					
Certificate	NL0013149032	APPLE220.48S OPENB	EUR	47,0600	47,0600	47,0600			47,0600					
Certificate	DE000VA9CTB7	APPLE222.3TS OPENV	EUR	4,6950	4,6950	4,6950			4,6950					
Certificate	DE000VA71SB2	APPLE224.8TS OPENV	EUR	4,9150	4,9150	4,9150			4,9150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71SD8	APPLE227.3TS OPENV	EUR	5,1450	5,1450	5,1450			5,1450					
Certificate	NL0013009954	APPLE227.4TS OPENB	EUR	7,4050	7,4050	7,4050			7,4050					
Certificate	NL0013008923	APPLE228.4BS OPENB	EUR	54,1200	54,1200	54,1200			54,1200					
Certificate	DE000VA71SG1	APPLE229.8TS OPENV	EUR	5,3650	5,3650	5,3650			5,3650					
Certificate	DE000VA77C90	APPLE232.3TS OPENV	EUR	5,5850	5,5850	5,5850			5,5850					
Certificate	DE000VASRLH7	APPLE234.8TS OPENV	EUR	5,8050	5,8050	5,8050			5,8050					
Certificate	NL0012994115	APPLE236.3BS OPENB	EUR	61,1900	61,1900	61,1900			61,1900					
Certificate	DE000VAGEGB6	APPLE237.3TS OPENV	EUR	6,0250	6,0250	6,0250			6,0250					
Certificate	NL0012987176	APPLE238.9TS OPENB	EUR	8,5450	8,5450	8,5450			8,5450					
Certificate	DE000CV88QQ4	APPLE239.5TS OPENZ	EUR	6,2000	6,2700	6,2000			6,2700					
Certificate	DE000VASRPE5	APPLE239.8TS OPENV	EUR	6,2450	6,2450	6,2450			6,2450					
Certificate	DE000VASRRR3	APPLE244.8TS OPENV	EUR	6,6850	6,6850	6,6850			6,6850					
Certificate	NL0012990873	APPLE250.7TS OPENB	EUR	9,7050	9,7050	9,7050			9,7050					
Certificate	DE000CV8ANA6	APPLE259.6TS OPENZ	EUR	7,9700	8,0500	7,9700			8,0500					
Certificate	NL0012994032	APPLE263.2TS OPENB	EUR	10,9350	10,9350	10,9350			10,9350					
Certificate	DE000CV8B0U5	APPLE279.7TS OPENZ	EUR	9,7400	9,8300	9,7400			9,8300					
Certificate	DE000CG28U95	APPLE57.44TL OPENC	EUR	64,8200	64,8200	64,8200			64,8200					
Certificate	DE000CK1BV43	APPLE59.29TL OPENZ	EUR	69,8100	69,9000	69,8100			69,9000					
Certificate	DE000CF3ASA6	APPLE67.34TL OPENC	EUR	11,4900	11,4900	11,4900			11,4900					
Certificate	NL0011534938	APPLE72.66BL OPENB	EUR	86,0300	86,0300	86,0300			86,0300					
Certificate	DE000CF50R01	APPLE73.84TL OPENC	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	NL0011266994	APPLE89.69BL OPENB	EUR	70,9700	70,9700	70,9700			70,9700					
Certificate	DE000CR9RUC5	APPLE92.55TL OPENZ	EUR	6,8000	6,8000	6,7900			6,7900					
Certificate	NL0011808399	APPLE94.12BL OPENB	EUR	67,0500	67,0500	67,0500			67,0500					
Certificate	DE000CB9Y9E4	APPLE94.95TL OPENZ	EUR	48,9400	48,9400	48,9300			48,9300					
Certificate	DE000CB9Y1K8	APPLE97.81TL OPENZ	EUR	44,3600	44,3600	44,3300			44,3300					
Certificate	NL0009873090	APRAM 4TL OPENB	EUR	19,9950	19,9950	19,9950			19,9950					
Certificate	DE000CP234F4	APRAM 20TL OPENC	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000CQ5BYP2	APRAM 20TL OPENC	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	NL0013016348	APRAM 23BL OPENB	EUR											
Certificate	DE000CP23Q53	APRAM 25TS OPENC	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000CP23N82	APRAM 25TS OPENC	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CQ5BKD7	APRAM 28TL OPENC	EUR											
Certificate	DE000CP23227	APRAM 30TS OPENC	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CP234G2	APRAM 30TS OPENC	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	NL0013110562	APRAM 31BOC0919Z	EUR	23,4700	23,4700	23,4700			23,4700					
Certificate	DE000CQ5BYQ0	APRAM 35TS OPENC	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000CQ5AS67	APRAM 36TL OPENC	EUR											
Certificate	DE000CQ5AS75	APRAM 38TL OPENC	EUR											
Certificate	DE000CQ5AU63	APRAM 38TL OPENC	EUR											
Certificate	DE000CP06081	APRAM 40TS OPENC	EUR											
Certificate	DE000CP06ZA3	APRAM 40TS OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	DE000CP06TQ2	APRAM 40TS OPENC	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	NL0012796130	APRAM 42BON1219Z	EUR											
Certificate	DE000CQ5BPN5	APRAM 42TS OPENC	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0012795322	APRAM 43BOC0619Z	EUR	22,5400	22,5400	22,5400			22,5400					
Certificate	DE000CQ5AU89	APRAM 45TS OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CQ5AS91	APRAM 45TS OPENC	EUR											
Certificate	DE000CQ5ASA8	APRAM 46TS OPENC	EUR											
Certificate	DE000CQ5AWK9	APRAM 46TS OPENC	EUR											
Certificate	DE000CQ5AU97	APRAM 48TS OPENC	EUR											
Certificate	DE000CQ5ASB6	APRAM 48TS OPENC	EUR											
Certificate	DE000CQ5BF53	APRAM 48TS OPENC	EUR											
Certificate	DE000CQ5BDT8	APRAM 48TS OPENC	EUR											
Certificate	NL0012676282	APRAM 51BOC1218B	EUR	23,3600	23,5300	23,3600			23,5300					
Certificate	NL0009998319	APRAM 1.9TL OPENB	EUR	21,8750	21,8750	21,8750			21,8750					
Certificate	NL0013016355	APRAM 24.BL OPENB	EUR											
Certificate	NL0010656088	APRAM 14.8TL OPENB	EUR	10,1350	10,1350	10,1350			10,1350					
Certificate	NL0010901567	APRAM 18.1TL OPENB	EUR	6,9550	7,1050	6,9550			7,1050					
Certificate	NL0011437405	APRAM 21.3TL OPENB	EUR	4,0450	4,1950	4,0450			4,1950					
Certificate	NL0013145758	APRAM 23.4TL OPENB	EUR											
Certificate	NL0013162365	APRAM 26.4TS OPENB	EUR	5,9750	5,9750	5,9750			5,9750					
Certificate	NL0013110679	APRAM 28.8BOC0919Z	EUR	24,0200	24,0200	24,0200			24,0200					
Certificate	NL0013152697	APRAM 29.4TS OPENB	EUR	9,3050	9,3050	9,1250			9,1250					
Certificate	NL0013130867	APRAM 31.6TS OPENH	EUR	11,7200	11,7200	11,7200			11,7200					
Certificate	NL0013018740	APRAM 32.4TS OPENB	EUR	12,5850	12,5850	12,4050			12,4050					
Certificate	NL0012796841	APRAM 35.2BOC0619Z	EUR	23,1800	23,1800	23,1800			23,1800					
Certificate	NL0012796858	APRAM 36.8BOC0919Z	EUR	22,6700	22,6700	22,6700			22,6700					
Certificate	NL0012796866	APRAM 39.2BOC1219Z	EUR	22,2700	22,2700	22,2700			22,2700					
Certificate	NL0012936579	APRAM 41.3TS OPENH	EUR	22,5000	22,5000	22,5000			22,5000					
Certificate	NL0013148786	APRAM 41.4BOC1219B	EUR	21,8200	22,0300	21,8200			22,0300					
Certificate	NL0012103295	APRAM 50.1TS OPENB	EUR	32,2350	32,2350	32,0550			32,0550					



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	NL0012494686	APRAM 53.5BOC1218B	EUR	23,3600	23,5300	23,3600			23,5300					
Certificate	NL0011233887	APRAM16.65TL OPENH	EUR	11,9000	11,9000	11,9000			11,9000					
Certificate	DE000CJ3QSD2	APRAM16.63TL OPENZ	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	NL0011233879	APRAM16.89TL OPENH	EUR	8,0400	8,6200	8,0400	6034,0000	2	8,6200	700				
Certificate	DE000CJ3QA90	APRAM17.03TL OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000CJ3P8R8	APRAM19.13TL OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	NL0013163942	APRAM19.938L OPENB	EUR	3,9450	4,0950	3,9450			4,0950					
Certificate	DE000CR9SQ30	APRAM20.22TL OPENZ	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0013155245	APRAM20.948L OPENB	EUR	2,9450	3,0950	2,9450			3,0950					
Certificate	DE000CJ3QGF2	APRAM21.64TL OPENZ	EUR	0,3900	0,3900	0,3750	780,0000	1	0,3750	2000				
Certificate	NL0011516182	APRAM21.948L OPENB	EUR	1,9450	2,6000	1,9450	1047,5000	4	2,0950	500				
Certificate	NL0013192289	APRAM22.12TL OPENH	EUR											
Certificate	DE000CJ3PPC2	APRAM22.64TL OPENZ	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	DE000CJ3P7F5	APRAM23.14TL OPENZ	EUR											
Certificate	NL0013184591	APRAM23.54TL OPENH	EUR											
Certificate	NL0013192271	APRAM24.12TS OPENH	EUR											
Certificate	NL0013164882	APRAM24.27BS OPENB	EUR	1,3750	1,3750	1,1950			1,1950					
Certificate	NL0013190580	APRAM24.62TS OPENH	EUR											
Certificate	NL0013159940	APRAM24.998L OPENB	EUR											
Certificate	DE000CJ3QP51	APRAM25.12TL OPENZ	EUR											
Certificate	NL0013192263	APRAM25.12TS OPENH	EUR											
Certificate	NL0013188071	APRAM25.14TL OPENH	EUR											
Certificate	NL0013188774	APRAM26.12TS OPENH	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	NL0013163165	APRAM26.26BS OPENB	EUR	3,3750	3,3750	3,1950			3,1950					
Certificate	DE000CJ3QU39	APRAM26.65TS OPENZ	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	NL0013180813	APRAM27.98TS OPENH	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	NL0013152200	APRAM28.26BS OPENB	EUR	5,3650	5,3650	5,1850			5,1850					
Certificate	NL0013134224	APRAM28.62TS OPENH	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	NL0013132855	APRAM29.61TS OPENH	EUR	9,5200	9,5200	9,5200			9,5200					
Certificate	DE000CJ3QBA4	APRAM29.65TS OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	NL0013151608	APRAM30.25BS OPENB	EUR	7,3650	7,3650	7,1850			7,1850					
Certificate	NL0013018864	APRAM32.24BS OPENB	EUR	9,3550	9,3550	9,1750			9,1750					
Certificate	DE000CJ3PUT6	APRAM32.74TS OPENZ	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	NL0013125545	APRAM33.62TS OPENH	EUR	13,9700	13,9700	13,9700			13,9700					
Certificate	NL0013018872	APRAM34.24BS OPENB	EUR	11,3450	11,3450	11,1650			11,1650					
Certificate	LU1859830058	APRAM36.14TPIOPENS	EUR	12,8400	12,8400	12,6400			12,6400					
Certificate	DE000CJ3PK65	APRAM36.73TS OPENZ	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	NL0013083033	APRAM37.58TS OPENH	EUR	18,3700	18,3700	18,3700			18,3700					
Certificate	NL0013008907	APRAM38.21BS OPENB	EUR	15,3250	15,3250	15,1450			15,1450					
Certificate	NL0013083025	APRAM38.58TS OPENH	EUR	19,4700	19,4700	19,4700			19,4700					
Certificate	LU1841028977	APRAM39.48TPIOPENS	EUR	16,1400	16,1400	15,9400			15,9400					
Certificate	NL0012934525	APRAM42.27TS OPENH	EUR	23,5800	23,5800	23,5800			23,5800					
Certificate	LU1696586418	APRAM45.36TPIOPENS	EUR	20,0300	20,0300	19,8300			19,8300					
Certificate	NL0012109888	APRAM46.06BS OPENB	EUR	23,1750	23,1750	22,9950			22,9950					
Certificate	LU1696508701	APRAM47.27TPIOPENS	EUR	21,8700	21,8700	21,6700			21,6700					
Certificate	NL0011233770	APRAM48.11TS OPENH	EUR	30,0600	30,0600	30,0600			30,0600					
Certificate	NL0012280085	ARCAD 20.3TS OPENB	EUR	11,7800	11,7800	11,6800			11,6800					
Certificate	DE000CJ3QY23	ARCAD 6.43TL OPENZ	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	NL0013018658	ARCAD 7.79TL OPENB	EUR	3,6900	3,7600	3,6900			3,7600					
Certificate	NL0012108302	ARCAD 8.79TL OPENB	EUR	2,7800	2,8500	2,7800			2,8500					
Certificate	NL0012103790	ARCAD 9.83TL OPENB	EUR	1,8400	1,9100	1,8400			1,9100					
Certificate	DE000CN6J182	ARCAD10.06TL OPENZ	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	NL0013016371	ARCAD10.21BL OPENB	EUR	0,7850	0,8550	0,7850			0,8550					
Certificate	DE000CJ3PQP2	ARCAD10.61TL OPENZ	EUR											
Certificate	NL0013156060	ARCAD11.69BS OPENB	EUR	1,1650	1,1650	1,0650			1,0650					
Certificate	NL0013017239	ARCAD12.39TS OPENB	EUR	3,0000	3,0000	2,9000			2,9000					
Certificate	DE000CJ3PPK5	ARCAD12.39TS OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0013016629	ARCAD13.19BS OPENB	EUR	2,6650	2,6650	2,5650			2,5650					
Certificate	DE000CJ3PK81	ARCAD13.38TS OPENZ	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	DE000CJ3PK99	ARCAD14.38TS OPENZ	EUR	1,8050	1,8050	1,8050			1,8050					
Certificate	NL0013015951	ARCAD14.39TS OPENB	EUR	5,2200	5,2200	5,1200			5,1200					
Certificate	NL0013006711	ARCAD14.68BS OPENB	EUR	4,1550	4,1550	4,0550			4,0550					
Certificate	DE000CJ3NX47	ARCAD15.38TS OPENZ	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	NL0013006729	ARCAD16.17BS OPENB	EUR	5,6450	5,6450	5,5450			5,5450					
Certificate	DE000CJ3PK73	ARCAD7.436TL OPENZ	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	DE000CN6J638	ARCAD8.439TL OPENZ	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	NL0013018328	ARCAD8.701BL OPENB	EUR	2,2850	2,3550	2,2850			2,3550					
Certificate	DE000CJ3PPJ7	ARCAD8.973TL OPENZ	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	NL0013016363	ARCAD9.453BL OPENB	EUR	1,5350	1,6050	1,5350			1,6050					
Certificate	DE000CN6J3Y2	ARCAD9.532TL OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	DE000CE6BQP0	ARCM1 LEVOPENZ	EUR	1,4700	1,6150	1,4700	3979,5000	3	1,6150	2500				
Certificate	DE000CE6BQE4	ARCM1 SHROPENZ	EUR	10,1450	10,1450	9,0200			9,0200					



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	XS1568006867	ARCFI STN0220B	EUR	82,7000	84,6000	82,7000			84,6000					
Certificate	XS1777869931	ARCFI STN0221B	EUR	74,6000	76,3700	74,6000	3730,0000	1	76,3700	5000				
Certificate	NL0011649975	ARCFI 7TL OPENB	EUR	5,4250	5,5950	5,4250			5,5950					
Certificate	NL0011659057	ARCFI 10TL OPENB	EUR	4,2750	4,4350	4,2750			4,4350					
Certificate	NL0011906250	ARCFI 14TL OPENB	EUR	2,0950	2,2250	2,0950			2,2250					
Certificate	DE000CP23NN7	ARCFI 15TL OPENC	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000CY502T4	ARCFI 15TL OPENC	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000VN9HDB5	ARCFI 16TL 0319V	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000CY16Y36	ARCFI 16TL OPENC	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CY16YG4	ARCFI 16TL OPENC	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	DE000VA90WC2	ARCFI 17TL 0319V	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000CY16YJ8	ARCFI 17TL OPENC	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000CY16Y51	ARCFI 17TL OPENC	EUR	0,2000	0,2200	0,1900	348,0000	2	0,2200	1600				
Certificate	DE000VA8F196	ARCFI 18TL 0319V	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CY50ES0	ARCFI 18TL OPENC	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	DE000CY50875	ARCFI 18TL OPENC	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000VA8FYP2	ARCFI 19TL 0319V	EUR											
Certificate	DE000VA8F121	ARCFI 19TL 1218V	EUR											
Certificate	DE000CV8B052	ARCFI 19TL 1218Z	EUR											
Certificate	DE000CY50701	ARCFI 19TL OPENC	EUR											
Certificate	DE000CY50891	ARCFI 19TL OPENC	EUR											
Certificate	DE000VN9G6D9	ARCFI 20TL 0319V	EUR											
Certificate	DE000VN9HAQ9	ARCFI 20TS 0319V	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000CP23QJ8	ARCFI 20TS OPENC	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CP23NP2	ARCFI 20TS OPENC	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	DE000VN9G8M6	ARCFI 21TS 0319V	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	DE000CP23NQ0	ARCFI 21TS OPENC	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	DE000VA9C5P6	ARCFI 22TS 0319V	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	DE000CP232F8	ARCFI 22TS OPENC	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CP234U3	ARCFI 22TS OPENC	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000VA9C0S1	ARCFI 23TS 0319V	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000CP232G6	ARCFI 23TS OPENC	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CY528X1	ARCFI 24TL OPENC	EUR											
Certificate	DE000VA8FVY0	ARCFI 24TS 0319V	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	DE000VA8FV27	ARCFI 24TS 1218V	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000CQ5BZ34	ARCFI 24TS OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CP234V1	ARCFI 24TS OPENC	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000VA4ARMJ4	ARCFI 25TL 1218V	EUR											
Certificate	DE000CQ5AHK0	ARCFI 25TL OPENC	EUR											
Certificate	DE000VA8FTB2	ARCFI 25TS 0319V	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000VA8FTC0	ARCFI 25TS 1218V	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	DE000CQ5BZ42	ARCFI 25TS OPENC	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CQ5AST8	ARCFI 26TL OPENC	EUR											
Certificate	DE000CQ5APN7	ARCFI 26TL OPENC	EUR											
Certificate	DE000VA71PR4	ARCFI 26TS 0319V	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	DE000VA71PZ7	ARCFI 26TS 1218V	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	DE000CP06U25	ARCFI 26TS OPENC	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CP06ZX5	ARCFI 26TS OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CQ5AUW8	ARCFI 27TL OPENC	EUR											
Certificate	DE000VA7PW66	ARCFI 27TS 0319V	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	DE000VA7PXA7	ARCFI 27TS 1218V	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	DE000CP06U33	ARCFI 27TS OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000VA7PXQ3	ARCFI 27TS OPENV	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	NL0012494512	ARCFI 28BOC1218B	EUR	25,8500	26,8100	25,8500			26,8100					
Certificate	DE000VA7PUG0	ARCFI 28TS 0319V	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	DE000VA5EM14	ARCFI 28TS 1218V	EUR	9,0200	9,0200	9,0200			9,0200					
Certificate	DE000CP06MH6	ARCFI 28TS OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CP062H5	ARCFI 28TS OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CQ5BT81	ARCFI 28TS OPENC	EUR											
Certificate	NL0012648331	ARCFI 29BOC0619Z	EUR	23,3100	24,0150	23,3100			24,0150					
Certificate	DE000VA7PUH8	ARCFI 29TS 0319V	EUR	10,0400	10,0400	10,0400			10,0400					
Certificate	DE000VA3ZVQ5	ARCFI 29TS 1218V	EUR	10,0200	10,0200	10,0200			10,0200					
Certificate	DE000CP06OM9	ARCFI 29TS OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0012976617	ARCFI 30BOC0619B	EUR	18,7300	19,1100	18,7300			19,1100					
Certificate	DE000VA7PUJ4	ARCFI 30TS 0319V	EUR	11,0400	11,0400	11,0400			11,0400					
Certificate	DE000VA3Z3T2	ARCFI 30TS 1218V	EUR	11,0200	11,0200	11,0200			11,0200					
Certificate	DE000CQ5B0C6	ARCFI 30TS OPENC	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	NL0012795603	ARCFI 31BOC0919Z	EUR											
Certificate	DE000VA7PUK2	ARCFI 31TS 0319V	EUR	12,0400	12,0400	12,0400			12,0400					
Certificate	DE000VA4YND1	ARCFI 31TS 1218V	EUR	12,0200	12,0200	12,0200			12,0200					
Certificate	DE000CY522A2	ARCFI 31TS OPENC	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000VA4YV36	ARCFI 32TS 1218V	EUR	13,0200	13,0200	13,0200			13,0200					



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	DE000CY52HZ4	ARCM1 32TS OPENC	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CY52J06	ARCM1 33TS OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000CQ5AUY4	ARCM1 34TS OPENC	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000CQ5ASV4	ARCM1 34TS OPENC	EUR											
Certificate	DE000CY52J14	ARCM1 35TS OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CY52MG4	ARCM1 35TS OPENC	EUR											
Certificate	DE000VA71R24	ARCM1 26.75 OPENV	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	NL0011656699	ARCM1 9.3TL OPENB	EUR	4,5450	4,7150	4,5450			4,7150					
Certificate	NL0011796461	ARCM1 10.9TL OPENB	EUR	3,0250	3,1550	3,0250			3,1550					
Certificate	NL0010154944	ARCM1 11.6TL OPENA	EUR											
Certificate	NL0011900691	ARCM1 12.1TL OPENB	EUR	2,6550	2,7850	2,6550			2,7850					
Certificate	NL0011906243	ARCM1 13.1TL OPENB	EUR	2,3750	2,5050	2,3750	503,6900	1	2,5050	209				
Certificate	DE000VN9HEC1	ARCM1 14.7TL OPENV	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	NL0012017511	ARCM1 15.2TL OPENB	EUR	1,7350	1,8650	1,7350	3324,0000	2	1,8650	1800				
Certificate	NL0012017974	ARCM1 16.1TL OPENB	EUR	1,4550	1,5850	1,4550	310,0000	1	1,5850	200				
Certificate	DE000VA90YG9	ARCM1 16.5TL 0319V	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0012029102	ARCM1 17.3TL OPENB	EUR	1,0750	1,2100	1,0750	24363,0000	3	1,2050	20300				
Certificate	LU1859845163	ARCM1 17.4TCIOPENS	EUR	1,9700	2,3500	1,9700			2,3500					
Certificate	DE000VA90WD0	ARCM1 17.5TL 0319V	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CY16Y69	ARCM1 17.5TL OPENC	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	DE000CY509X1	ARCM1 17.5TL OPENC	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	NL0013164437	ARCM1 17.8TL OPENB	EUR	2,7750	3,1650	2,7750			3,1650					
Certificate	NL0012028831	ARCM1 17.98L OPENB	EUR	0,4800	0,6200	0,4800	990,8800	3	0,6100	1660				
Certificate	NL0013164445	ARCM1 18.3TL OPENB	EUR	2,3250	2,7300	2,3250	70843,7500	5	2,7150	26925				
Certificate	DE000VA90WE8	ARCM1 18.5TL 0319V	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CY506Z2	ARCM1 18.5TL OPENC	EUR											
Certificate	DE000CY509Y9	ARCM1 18.5TL OPENC	EUR	0,1600	0,1600	0,1600			0,1600					
Certificate	NL0012274138	ARCM1 18.9TL OPENB	EUR											
Certificate	NL0013159254	ARCM1 19.4TL OPENB	EUR											
Certificate	DE000VN9G8P9	ARCM1 19.5TL 0319V	EUR											
Certificate	DE000VN9HC87	ARCM1 19.5TS 0319V	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CX59KJ9	ARCM1 19.6TL OPENC	EUR											
Certificate	DE000VN9G6R9	ARCM1 19.7TL OPENV	EUR											
Certificate	NL0013160518	ARCM1 19.9TL OPENB	EUR											
Certificate	DE000VN9G6U3	ARCM1 19.9TL OPENV	EUR											
Certificate	NL0011593363	ARCM1 2.52TL OPENH	EUR	7,1700	7,2300	7,1700			7,2300					
Certificate	DE000VN9G6X7	ARCM1 20.1TL OPENV	EUR											
Certificate	DE000VN9G601	ARCM1 20.3TL OPENV	EUR											
Certificate	NL0013162373	ARCM1 20.5TS OPENB	EUR	3,8150	3,8150	3,4250			3,4250					
Certificate	NL0013188295	ARCM1 21.4TL OPENH	EUR											
Certificate	NL0013161193	ARCM1 21.5TS OPENB	EUR	4,9250	4,9250	4,5350			4,5350					
Certificate	DE000CY50EV4	ARCM1 21.5TS OPENC	EUR											
Certificate	NL0013152713	ARCM1 22.5TS OPENB	EUR	6,1150	6,1150	5,7250			5,7250					
Certificate	DE000CJ3QJX9	ARCM1 23.5TS 0319Z	EUR	2,3950	2,3950	2,2000			2,2000					
Certificate	NL0013015969	ARCM1 23.5TS OPENB	EUR	7,1850	7,1850	6,7950			6,7950					
Certificate	NL0012796874	ARCM1 24.2BOC0619Z	EUR	20,3300	20,8000	20,3300			20,8000					
Certificate	NL0013015522	ARCM1 24.5TS OPENB	EUR	8,2950	8,2950	7,9050			7,9050					
Certificate	DE000VA4RMK2	ARCM1 24.9TL OPENV	EUR											
Certificate	NL0012796882	ARCM1 25.3BOC0919Z	EUR	20,1900	20,6800	20,1900			20,6800					
Certificate	DE000VA71RU4	ARCM1 25.4TS OPENV	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	NL0013009962	ARCM1 25.6TS OPENB	EUR											
Certificate	DE000VA71RW0	ARCM1 25.6TS OPENV	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	DE000VA71R23	ARCM1 25.8TS OPENV	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	DE000VA71R57	ARCM1 26.2TS OPENV	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	DE000VA71R81	ARCM1 26.4TS OPENV	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	DE000CJ3P299	ARCM1 26.5TS 0319Z	EUR	3,8850	3,8850	3,6900			3,6900					
Certificate	DE000CY51M93	ARCM1 26.5TS OPENC	EUR											
Certificate	DE000CY51KA3	ARCM1 26.5TS OPENC	EUR											
Certificate	NL0013005507	ARCM1 26.6TS OPENB	EUR	10,5850	10,5850	10,1950			10,1950					
Certificate	DE000VA7TC25	ARCM1 26.6TS OPENV	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	DE000VA7PXN0	ARCM1 26.8TS OPENV	EUR	7,6900	7,6900	7,6900			7,6900					
Certificate	DE000VA7PXR1	ARCM1 27.2TS OPENV	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	DE000VA7PR55	ARCM1 27.4TS OPENV	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	DE000VA7PR89	ARCM1 27.6TS OPENV	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	NL0012917215	ARCM1 28.3TS OPENH	EUR	12,4900	12,4900	12,4300			12,4300					
Certificate	NL0012795595	ARCM1 28.5BOC0619Z	EUR	19,4000	20,1400	19,4000			20,1400					
Certificate	NL0012917207	ARCM1 28.8TS OPENH	EUR	13,0400	13,0400	12,9800			12,9800					
Certificate	DE000CJ3P3A5	ARCM1 29.5TS 0319Z	EUR	5,3800	5,3800	5,1900			5,1900					
Certificate	NL0012862478	ARCM1 30.2TS OPENH	EUR	14,6000	14,6000	14,5400			14,5400					
Certificate	NL0012796304	ARCM1 30.5BOC1219Z	EUR	19,0700	19,7200	19,0700			19,7200					
Certificate	NL0013003213	ARCM1 30.7BOC0919B	EUR	18,6500	19,0200	18,6500			19,0200					
Certificate	DE000CY52HY7	ARCM1 31.5TS OPENC	EUR	1,2100	1,2100	1,2100			1,2100					



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	DE000CY52MF6	ARCM1 32.5TS OPENC	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0012648984	ARCM1 34.5B0C0619Z	EUR	18,6500	19,0600	18,6500			19,0600					
Certificate	NL0011586532	ARCM1 4.94TL OPENH	EUR	6,2300	6,2900	6,2300			6,2900					
Certificate	NL0011602198	ARCM1 5.68TL OPENH	EUR	5,9300	6,0000	5,9300			6,0000					
Certificate	NL0011602180	ARCM1 5.92TL OPENH	EUR	5,8400	5,9100	5,8400			5,9100					
Certificate	NL0011586524	ARCM1 6.16TL OPENH	EUR	5,7500	5,8100	5,7500			5,8100					
Certificate	NL0011719851	ARCM1 8.79TL OPENH	EUR	3,6600	3,7000	3,6600			3,7000					
Certificate	NL0011719844	ARCM1 9.42TL OPENH	EUR	3,4700	3,5100	3,4700			3,5100					
Certificate	DE000CX00TW7	ARCM1 9.81TL OPENC	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	DE000CN6KJ62	ARCM110.02TL OPENZ	EUR	3,0900	3,2250	3,0900			3,2250					
Certificate	NL0011719836	ARCM110.05TL OPENH	EUR	3,2800	3,3200	3,2800			3,3200					
Certificate	DE000CX010G6	ARCM110.65TL OPENC	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	NL0011719828	ARCM110.66TL OPENH	EUR	3,0900	3,1300	3,0900			3,1300					
Certificate	NL0011719810	ARCM111.29TL OPENH	EUR	2,9000	2,9400	2,9000			2,9400					
Certificate	NL0011796339	ARCM111.53BL OPENB	EUR	2,5700	2,7000	2,5700			2,7000					
Certificate	DE000CN6KTB4	ARCM112.39TL OPENZ	EUR	2,1800	2,3050	2,1800			2,3050					
Certificate	DE000CJ3QV53	ARCM112.56TL OPENZ	EUR	3,5150	3,7100	3,5150			3,7100					
Certificate	NL0011896584	ARCM113.18TL OPENH	EUR	2,3300	2,3700	2,3300			2,3700					
Certificate	DE000CD61TG4	ARCM113.36TL OPENZ	EUR	1,8600	1,9850	1,8600			1,9850					
Certificate	NL0011926886	ARCM114.42TL OPENH	EUR	1,9500	2,0000	1,9500			2,0000					
Certificate	NL0011907332	ARCM114.73BL OPENB	EUR	1,5400	1,6900	1,5400	3139,3400	5	1,6700	1918				
Certificate	DE000CJ3QVY2	ARCM114.75TL 0319Z	EUR	2,1350	2,3300	2,1350			2,3300					
Certificate	DE000CX599W5	ARCM114.97TL OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0011930649	ARCM115.04TL OPENH	EUR	1,7600	1,8100	1,7600			1,8100					
Certificate	DE000CD624K0	ARCM115.06TL OPENZ	EUR	1,4800	1,6050	1,4800			1,6050					
Certificate	DE000VA90YS4	ARCM115.09TL OPENV	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000CX59720	ARCM115.11TL OPENC	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000VN66U6	ARCM115.12TL OPENV	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	DE000VA90XA4	ARCM115.33TL OPENV	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	DE000CJ3PLA5	ARCM115.43TL OPENZ	EUR	1,7650	1,9500	1,7650			1,9500					
Certificate	DE000VA90XD8	ARCM115.53TL OPENV	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000VN66UP1	ARCM115.62TL OPENV	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000VA90VA8	ARCM115.89TL OPENV	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000VA90TC8	ARCM116.09TL OPENV	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000VN66R83	ARCM116.11TL OPENV	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000CJ3QU47	ARCM116.14TL OPENZ	EUR	1,4150	1,6000	1,4150			1,6000					
Certificate	DE000CJ3QU6	ARCM116.25TL 0319Z	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	NL0012018170	ARCM116.32BL OPENB	EUR	1,0100	1,1500	1,0100	55654,5000	7	1,1500	50250				
Certificate	DE000VA8F5J7	ARCM116.32TL OPENV	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CJ3QLJ4	ARCM116.34TL OPENZ	EUR	1,6050	1,8000	1,6050			1,8000					
Certificate	NL0011979356	ARCM116.48TL OPENH	EUR	1,3300	1,3700	1,3300			1,3700					
Certificate	DE000VA8F5L3	ARCM116.52TL OPENV	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	DE000VN66SA7	ARCM116.61TL OPENV	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	DE000VA8F253	ARCM116.72TL OPENV	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000VA8F261	ARCM116.92TL OPENV	EUR	2,0700	2,2200	2,0650	2149,2900	2	2,1900	1002				
Certificate	DE000CD633E4	ARCM116.95TL OPENZ	EUR	0,6800	0,8200	0,6700	1080,0000	3	0,8050	1500				
Certificate	DE000VN66SH2	ARCM117.11TL OPENV	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000VN66SB5	ARCM117.11TL OPENV	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CJ3P265	ARCM117.25TL 0319Z	EUR	0,9150	1,1000	0,9150			1,1000					
Certificate	DE000VA8FZE3	ARCM117.25TL OPENV	EUR	1,8300	2,1500	1,8300	27676,5000	14	1,8600	13950				
Certificate	DE000CX59G94	ARCM117.35TL OPENC	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CD634U8	ARCM117.54TL OPENZ	EUR	0,4900	0,6200	0,4800	7607,6800	10	0,6150	14016				
Certificate	DE000VN66UQ9	ARCM117.62TL OPENV	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000VA8FXF5	ARCM117.76TL OPENV	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CD63QM4	ARCM117.83TL OPENZ	EUR	0,5900	0,7150	0,5900			0,7150					
Certificate	DE000VA8FXG3	ARCM117.96TL OPENV	EUR	1,1200	1,1700	1,1200	5600,0000	1	1,1700	5000				
Certificate	DE000VN66VT1	ARCM118.14TL OPENV	EUR											
Certificate	DE000VA8FXH1	ARCM118.16TL OPENV	EUR	0,9500	1,2200	0,9500	971,0000	2	1,0200	880				
Certificate	NL0012330906	ARCM118.32TL OPENH	EUR	2,3100	2,4600	2,3100	1039,5000	1	2,4600	450				
Certificate	NL0012273908	ARCM118.42BL OPENB	EUR	0,9550	1,3750	0,9250	5757,0000	12	1,3450	4850				
Certificate	DE000CD63JU2	ARCM118.73TL OPENZ	EUR											
Certificate	NL0012330674	ARCM118.83TL OPENH	EUR											
Certificate	DE000VA71SA4	ARCM118.86TL OPENV	EUR											
Certificate	NL0012273916	ARCM118.93BL OPENB	EUR											
Certificate	DE000VA71SC0	ARCM119.06TL OPENV	EUR											
Certificate	DE000CE6DQ61	ARCM119.14TL OPENZ	EUR											
Certificate	DE000VA71SE6	ARCM119.26TL OPENV	EUR											
Certificate	DE000CJ3QRG7	ARCM119.33TL OPENZ	EUR											
Certificate	NL0012333348	ARCM119.34TL OPENH	EUR											
Certificate	NL0013158892	ARCM119.43BL OPENB	EUR											
Certificate	DE000CX59PW1	ARCM119.47TL OPENC	EUR											
Certificate	DE000VA90ZZ6	ARCM119.49TL 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	DE000VN9HD86	ARCM119.53TS OPENV	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000VN9HEA5	ARCM119.73TS OPENV	EUR	0,5900	0,8500	0,5850	1265,0000	3	0,8500	2000				
Certificate	NL0013164916	ARCM119.86BS OPENB	EUR	1,3150	1,3150	0,9250			0,9250					
Certificate	NL0013159965	ARCM119.93BL OPENB	EUR											
Certificate	DE000VN9HBU9	ARCM119.93TS OPENV	EUR	0,7500	0,9800	0,7500	750,0000	1	0,9800	1000				
Certificate	DE000CJ3QP69	ARCM119.94TL OPENZ	EUR											
Certificate	NL0011526991	ARCM12.384BL OPENB	EUR	7,2900	7,4600	7,2900			7,4600					
Certificate	DE000VN9HVBV7	ARCM120.13TS OPENV	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CJ3QY01	ARCM120.19TS OPENZ	EUR	0,7150	0,7150	0,5200			0,5200					
Certificate	NL0013191422	ARCM120.32TS OPENH	EUR	3,6300	3,6300	3,5700			3,5700					
Certificate	DE000VN9HBW5	ARCM120.33TS OPENV	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	NL0013163181	ARCM120.36BS OPENB	EUR	1,8150	1,8600	1,4250	754,8000	3	1,4250	480				
Certificate	DE000VN9G9H4	ARCM120.53TS OPENV	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	DE000VN9G9K8	ARCM120.73TS OPENV	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000VN9G9M4	ARCM120.93TS OPENV	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000VN9G9Q5	ARCM121.13TS OPENV	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000VN9G6L2	ARCM121.33TS OPENV	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	NL0013160948	ARCM121.35BS OPENB	EUR	2,8050	2,8050	2,4150	243,0000	1	2,4250	100				
Certificate	DE000VN9G6N8	ARCM121.53TS OPENV	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000CJ3QRX2	ARCM121.69TS OPENZ	EUR	1,4450	1,4450	1,2500			1,2500					
Certificate	NL0013185200	ARCM121.72TS OPENH	EUR	5,1800	5,1800	5,1200			5,1200					
Certificate	DE000VA90S38	ARCM121.75TS OPENV	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CJ3QKX7	ARCM121.76TS OPENZ	EUR	1,9150	1,9150	1,7200			1,7200					
Certificate	NL0013155393	ARCM121.85BS OPENB	EUR	3,3050	3,3050	2,9250			2,9250					
Certificate	DE000VA90S61	ARCM121.95TS OPENV	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000VA90S87	ARCM122.15TS OPENV	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0013152234	ARCM122.35BS OPENB	EUR	3,8050	3,8050	3,4150			3,4150					
Certificate	DE000VA9C2V1	ARCM122.35TS OPENV	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	DE000VA9C019	ARCM122.55TS OPENV	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	LU1784831619	ARCM122.68TL OPENS	EUR											
Certificate	DE000VA9C027	ARCM122.75TS OPENV	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0013152242	ARCM122.85BS OPENB	EUR	4,3050	4,3050	3,9150			3,9150					
Certificate	DE000VA9C035	ARCM122.95TS OPENV	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000VA9CXT1	ARCM123.16TS OPENV	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	DE000CJ3QAF5	ARCM123.18TS OPENZ	EUR	2,1850	2,1850	1,9900			1,9900					
Certificate	NL0013149057	ARCM123.35BS OPENB	EUR	4,8050	4,8050	4,4150			4,4150					
Certificate	DE000VA9CS08	ARCM123.36TS OPENV	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	DE000VA8FXA6	ARCM123.58TS OPENV	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	LU1859830132	ARCM123.64TPIOPENS	EUR	5,0400	5,0400	4,6500			4,6500					
Certificate	DE000VA8FXB4	ARCM123.78TS OPENV	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	NL0013014897	ARCM123.84BS OPENB	EUR	5,2950	5,2950	4,9050			4,9050					
Certificate	NL0013130982	ARCM123.85TS OPENH	EUR	7,5400	7,5400	7,4900			7,4900					
Certificate	DE000VA8FXC2	ARCM123.98TS OPENV	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	DE000VA8FXD0	ARCM124.18TS OPENV	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	NL0013014905	ARCM124.34BS OPENB	EUR	5,7950	5,7950	5,4050	988,2000	1	5,4050	180				
Certificate	DE000VA1B430	ARCM124.37TL OPENV	EUR											
Certificate	DE000VA8FXE8	ARCM124.38TS OPENV	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	DE000VA1B5A7	ARCM124.42TL OPENV	EUR											
Certificate	DE000VA8FTH9	ARCM124.58TS OPENV	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	LU1841153874	ARCM124.67TPIOPENS	EUR	6,0600	6,0600	5,6700			5,6700					
Certificate	DE000CJ3PHL0	ARCM124.68TS OPENZ	EUR	2,9250	2,9250	2,7300			2,7300					
Certificate	DE000CJ3PIK8	ARCM124.77TS OPENZ	EUR	3,4850	3,4850	3,2900			3,2900					
Certificate	DE000VA8FTJ5	ARCM124.78TS OPENV	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	NL0013014384	ARCM124.83BS OPENB	EUR	6,2950	6,2950	5,9050			5,9050					
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	5,9000	5,9000	5,9000			5,9000					
Certificate	DE000VA8FTL1	ARCM125.18TS OPENV	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	LU1840979071	ARCM125.28TPIOPENS	EUR	6,6500	6,6500	6,2600			6,2600					
Certificate	NL0013081748	ARCM125.32TS OPENH	EUR	9,1900	9,1900	9,1200			9,1200					
Certificate	NL0013008931	ARCM125.33BS OPENB	EUR	6,7850	6,7850	6,3950			6,3950					
Certificate	DE000VA1GLK3	ARCM125.42TL OPENV	EUR											
Certificate	LU1784828318	ARCM125.52TL OPENS	EUR											
Certificate	NL0013008949	ARCM125.83BS OPENB	EUR	7,2850	7,2850	6,8950			6,8950					
Certificate	NL0012796890	ARCM125.85BOC12192	EUR	19,8900	20,3800	19,8900			20,3800					
Certificate	DE000VA3TJE9	ARCM125.86TS OPENV	EUR											
Certificate	DE000VA3TJC3	ARCM125.88TS OPENV	EUR											
Certificate	DE000VA1SQL5	ARCM126.37TL OPENV	EUR											
Certificate	LU1840911355	ARCM126.39TPIOPENS	EUR	7,7400	7,7400	7,3600			7,3600					
Certificate	DE000CJ3N427	ARCM126.68TS OPENZ	EUR	3,9250	3,9250	3,7300			3,7300					



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	DE000CX59XR5	ARCM126.77TS OPENC	EUR											
Certificate	NL0012907935	ARCM126.81TS OPENH	EUR	10,8400	10,8400	10,7700			10,7700					
Certificate	DE000VA3TEH3	ARCM126.86TL OPENV	EUR											
Certificate	DE000CF50UK2	ARCM126.87TS OPENC	EUR											
Certificate	DE000CX59V87	ARCM126.88TS OPENC	EUR											
Certificate	NL0013004013	ARCM127.31BS OPENB	EUR	8,7650	8,7650	8,3750				8,3750				
Certificate	LU1840911439	ARCM127.37TPIOPENS	EUR	8,7200	8,7200	8,3300				8,3300				
Certificate	DE000CJ3N1H6	ARCM127.72TS OPENZ	EUR	5,0200	5,0200	4,8300				4,8300				
Certificate	DE000VA64X09	ARCM127.81TS OPENV	EUR	8,6800	8,6800	8,6800				8,6800				
Certificate	NL0012936702	ARCM127.88TS OPENH	EUR	12,0200	12,0200	11,9700				11,9700				
Certificate	DE000VA3TEM3	ARCM127.89TS OPENV	EUR											
Certificate	DE000VA6T2E1	ARCM128.02TS OPENV	EUR	8,8700	8,8700	8,8700				8,8700				
Certificate	DE000VA5EMZ5	ARCM128.27TS OPENV	EUR	10,4900	10,4900	10,4900				10,4900				
Certificate	DE000VA3KN66	ARCM128.39TS OPENV	EUR	9,0700	9,0700	9,0700				9,0700				
Certificate	DE000VA6T2F8	ARCM128.42TS OPENV	EUR	9,2700	9,2700	9,2700				9,2700				
Certificate	LU1790568957	ARCM128.66TPIOPENS	EUR	9,8400	9,8400	9,4500				9,4500				
Certificate	DE000CV89K03	ARCM128.66TS OPENZ	EUR	4,9150	4,9150	4,7200				4,7200				
Certificate	DE000VA3ECM9	ARCM128.86TS OPENV	EUR	11,0000	11,0000	11,0000				11,0000				
Certificate	DE000VA3ECL1	ARCM128.89TS OPENV	EUR	9,5600	9,5600	9,5600				9,5600				
Certificate	DE000VA6EFW4	ARCM128.94TS OPENV	EUR	9,7800	9,7800	9,7800				9,7800				
Certificate	NL0012792279	ARCM129.26BS OPENB	EUR	10,7150	10,7150	10,3350				10,3350				
Certificate	NL0012912018	ARCM129.32TS OPENH	EUR	13,6300	13,6300	13,5600				13,5600				
Certificate	DE000VA2T8B8	ARCM129.36TS OPENV	EUR	11,5100	11,5100	11,5100				11,5100				
Certificate	DE000VA2T786	ARCM129.41TS OPENV	EUR	10,0600	10,0600	10,0600				10,0600				
Certificate	DE000VA6T2G6	ARCM129.42TS OPENV	EUR	10,2700	10,2700	10,2700				10,2700				
Certificate	LU1790010802	ARCM129.55TPIOPENS	EUR	10,6100	10,6100	10,2200				10,2200				
Certificate	NL0012862486	ARCM129.71TS OPENH	EUR	14,0500	14,0500	13,9900				13,9900				
Certificate	NL0012792287	ARCM129.75BS OPENB	EUR	11,2050	11,2050	10,8250				10,8250				
Certificate	DE000VA15RY3	ARCM129.88TS OPENV	EUR	12,0100	12,0100	12,0100				12,0100				
Certificate	DE000VA6EF04	ARCM129.94TS OPENV	EUR	10,7800	10,7800	10,7800				10,7800				
Certificate	DE000VA15RW7	ARCM129.94TS OPENV	EUR	10,5400	10,5400	10,5400				10,5400				
Certificate	DE000CN6HKA1	ARCM13.258TL OPENZ	EUR	5,2200	5,3450	5,2200				5,3450				
Certificate	NL0011525878	ARCM13.641BL OPENB	EUR	6,7500	6,9200	6,7500				6,9200				
Certificate	NL0012700629	ARCM130.24BS OPENB	EUR	11,6950	11,6950	11,3050				11,3050				
Certificate	DE000VA15RZ0	ARCM130.38TS OPENV	EUR	12,5300	12,5300	12,5300				12,5300				
Certificate	DE000VA6T2H4	ARCM130.42TS OPENV	EUR	11,2600	11,2600	11,2600				11,2600				
Certificate	DE000VA15RX5	ARCM130.44TS OPENV	EUR	11,0400	11,0400	11,0400				11,0400				
Certificate	NL0012556054	ARCM130.79TS OPENH	EUR	15,2500	15,2500	15,2000				15,2000				
Certificate	NL0012581565	ARCM130.89TS OPENH	EUR	15,3600	15,3600	15,3000				15,3000				
Certificate	DE000VA6EF46	ARCM130.94TS OPENV	EUR	11,7700	11,7700	11,7700				11,7700				
Certificate	DE000VA1GLG1	ARCM131.03TS OPENV	EUR	13,0400	13,0400	13,0400				13,0400				
Certificate	LU1784828664	ARCM131.19TS OPENS	EUR											
Certificate	DE000CV428W0	ARCM131.28TS OPENZ	EUR	6,8750	6,8750	6,6800	88,0100	1	6,6800		13			
Certificate	DE000VL2FXV6	ARCM131.43TS OPENV	EUR	11,5300	11,5300	11,5300				11,5300				
Certificate	DE000VA1SQD2	ARCM131.53TS OPENV	EUR	13,5700	13,5700	13,5700				13,5700				
Certificate	DE000VA6EF79	ARCM131.54TS OPENV	EUR	12,3700	12,3700	12,3700				12,3700				
Certificate	DE000VA187H8	ARCM131.64TS OPENV	EUR	12,0500	12,0500	12,0500				12,0500				
Certificate	DE000VA6EGA8	ARCM131.74TS OPENV	EUR	12,5700	12,5700	12,5700				12,5700				
Certificate	NL0012559850	ARCM131.78TS OPENH	EUR	16,3500	16,3500	16,3000				16,3000				
Certificate	DE000VA6GEO	ARCM131.94TS OPENV	EUR	12,7600	12,7600	12,7600				12,7600				
Certificate	DE000VA1SQF7	ARCM132.03TS OPENV	EUR	14,0900	14,0900	14,0900				14,0900				
Certificate	DE000VA1SRF5	ARCM132.53TS OPENV	EUR	14,6100	14,6100	14,6100				14,6100				
Certificate	NL0012904619	ARCM132.82TS OPENH	EUR	17,5000	17,5000	17,4500				17,4500				
Certificate	DE000VL5RY53	ARCM132.83TS OPENV	EUR	12,9800	12,9800	12,9800				12,9800				
Certificate	DE000VA1SRG3	ARCM133.03TS OPENV	EUR	15,1300	15,1300	15,1300				15,1300				
Certificate	NL0012547541	ARCM133.12TS OPENH	EUR	17,8400	17,8400	17,7800				17,7800				
Certificate	DE000VA1SRH1	ARCM133.53TS OPENV	EUR	15,6500	15,6500	15,6500				15,6500				
Certificate	LU1784828581	ARCM134.02TS OPENS	EUR											
Certificate	DE000VA6T001	ARCM134.13TS OPENV	EUR	14,9600	14,9600	14,9600				14,9600				
Certificate	DE000VAGT019	ARCM134.33TS OPENV	EUR	15,1600	15,1600	15,1600				15,1600				
Certificate	DE000VA1ZFW0	ARCM134.48TS OPENV	EUR	16,6800	16,6800	16,6800				16,6800				
Certificate	NL0012847156	ARCM134.59TS OPENH	EUR	19,4700	19,4700	19,4100				19,4100				
Certificate	NL0012556047	ARCM134.71TS OPENH	EUR	19,6000	19,6000	19,5400				19,5400				
Certificate	DE000VA15L94	ARCM134.98TS OPENV	EUR	17,2100	17,2100	17,2100				17,2100				
Certificate	DE000VA15MA4	ARCM135.48TS OPENV	EUR	17,7200	17,7200	17,7200				17,7200				
Certificate	DE000VA15MB2	ARCM135.98TS OPENV	EUR	18,2400	18,2400	18,2400				18,2400				
Certificate	NL0012556039	ARCM136.66TS OPENH	EUR	21,7700	21,7700	21,7200				21,7200				
Certificate	NL0011523022	ARCM14.898BL OPENB	EUR	6,2000	6,3700	6,2000				6,3700				
Certificate	NL0011435698	ARCM16.154BL OPENB	EUR	5,6750	5,8450	5,6750				5,8450				
Certificate	DE000CN6K8W2	ARCM17.815TL OPENZ	EUR	3,7000	3,8250	3,7000				3,8250				
Certificate	NL0011657093	ARCM19.915BL OPENB	EUR	4,0500	4,2200	4,0500				4,2200				
Certificate	DE000CJ3NSI6	ARGX 41.6TL OPENZ	EUR	2,5350	2,5350	2,5350				2,5350				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013149941	ARGX 106.78S OPENB	EUR	1,9650	1,9650	1,9250			1,9250					
Certificate	NL0013160161	ARGX 116.78S OPENB	EUR	2,9650	2,9650	2,9250			2,9250					
Certificate	DE000C3NVE1	ARGX 36.05TL OPENZ	EUR	2,7850	2,7850	2,7850			2,7850					
Certificate	NL0013008634	ARGX 42.79BL OPENB	EUR	4,7050	4,7700	4,7050	95350,0000	4	4,7450	20000				
Certificate	DE000C3NTA3	ARGX 44.21TL OPENZ	EUR	2,4150	2,4150	2,4150			2,4150					
Certificate	DE000CV88DJ7	ARGX 46.81TL OPENZ	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	NL0013005069	ARGX 47.81BL OPENB	EUR	4,1950	4,3000	4,1950	2150,0000	1	4,2350	500				
Certificate	DE000C3NTB1	ARGX 50.25TL OPENZ	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	DE000CV88DK5	ARGX 52.83TL OPENZ	EUR	2,0800	2,0800	2,0250	124,8000	1	2,0250	60				
Certificate	NL0013001688	ARGX 52.84BL OPENB	EUR	3,6950	3,7350	3,6950			3,7350					
Certificate	NL0013010531	ARGX 57.85BL OPENB	EUR	3,1950	3,2350	3,1950			3,2350					
Certificate	DE000C3N8U4	ARGX 58.04TL OPENZ	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	NL0013013212	ARGX 62.87BL OPENB	EUR	2,6950	2,7350	2,6950			2,7350					
Certificate	DE000C3PB25	ARGX 63.17TL OPENZ	EUR	1,5550	1,5550	1,5550			1,5550					
Certificate	NL0013147077	ARGX 67.87BL OPENB	EUR	2,1950	2,2350	2,1950			2,2350					
Certificate	DE000C3PV62	ARGX 69.45TL OPENZ	EUR	1,3500	1,3500	1,2750	155,2500	1	1,2750	115				
Certificate	NL0013155955	ARGX 72.87BL OPENB	EUR	1,6950	1,7350	1,6950			1,7350					
Certificate	DE000C3QH89	ARGX 75.49TL OPENZ	EUR	1,0700	1,0700	0,9950	629,5100	2	0,9950	593				
Certificate	NL0013157993	ARGX 77.88BL OPENB	EUR	1,1950	1,2700	1,1950	762,0000	1	1,2350	600				
Certificate	DE000C3QLK2	ARGX 81.57TL OPENZ	EUR	0,7300	0,7400	0,7250	1486,1000	3	0,7250	2015				
Certificate	NL0013159981	ARGX 82.88BL OPENB	EUR	0,6950	0,7350	0,6950			0,7350					
Certificate	NL0013159999	ARGX 87.85BL OPENB	EUR											
Certificate	DE000C3QRH5	ARGX 88.57TL OPENZ	EUR											
Certificate	NL0013163199	ARGX 96.69BS OPENB	EUR	0,9650	0,9650	0,9250			0,9250					
Certificate	NL0010011102	ASX 240TL OPENB	EUR	65,6850	65,6850	65,6850			65,6850					
Certificate	NL0010651907	ASMI 19TL OPENB	EUR	17,8400	18,4200	17,8400	1338,0000	1	18,4200	75				
Certificate	DE000CP23235	ASMI 28TL OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CP23Q61	ASMI 28TL OPENC	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CP23854	ASMI 30TL OPENC	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CP239D8	ASMI 30TL OPENC	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	NL0012026793	ASMI 31TL OPENB	EUR	7,1000	7,5600	7,1000			7,5600					
Certificate	DE000CP06ZB1	ASMI 32TL OPENC	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CP06W72	ASMI 32TL OPENC	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	NL0011990874	ASMI 32TL OPENH	EUR	5,5000	5,9400	5,5000			5,9400					
Certificate	NL0011991294	ASMI 33TL OPENH	EUR	4,5400	4,9900	4,5400			4,9900					
Certificate	DE000CP06ZC9	ASMI 34TL OPENC	EUR											
Certificate	DE000CP06W80	ASMI 34TL OPENC	EUR											
Certificate	LU1876929388	ASMI 35TCIOPENS	EUR											
Certificate	DE000CP239E6	ASMI 35TL OPENC	EUR											
Certificate	DE000CP23862	ASMI 35TL OPENC	EUR											
Certificate	LU1876929461	ASMI 36TCIOPENS	EUR											
Certificate	LU1876934032	ASMI 38TCIOPENS	EUR											
Certificate	NL0013162381	ASMI 38TS OPENB	EUR	7,0700	7,0700	6,5600			6,5600					
Certificate	LU1876934115	ASMI 39TCIOPENS	EUR											
Certificate	LU1876934206	ASMI 40TCIOPENS	EUR											
Certificate	DE000CP23NC0	ASMI 40TS OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CP23Q79	ASMI 40TS OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	LU1876934388	ASMI 41TCIOPENS	EUR	6,3000	6,3000	5,8400			5,8400					
Certificate	NL0013149669	ASMI 41TS OPENB	EUR	10,4200	10,4200	9,9100			9,9100					
Certificate	LU1876934461	ASMI 42TCIOPENS	EUR	7,2800	7,2800	6,8300			6,8300					
Certificate	DE000CP23250	ASMI 42TS OPENC	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CP23Q87	ASMI 42TS OPENC	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0013110547	ASMI 43BOC0919Z	EUR	35,1200	35,1200	35,1200			35,1200					
Certificate	LU1876934545	ASMI 44TCIOPENS	EUR	9,2600	9,2600	8,8000			8,8000					
Certificate	NL0013148687	ASMI 44TS OPENB	EUR	13,7400	13,7400	13,2300			13,2300					
Certificate	DE000CP239G1	ASMI 44TS OPENC	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CP06WAO	ASMI 45TS OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CQ5AUC0	ASMI 46TL OPENC	EUR											
Certificate	DE000CP06WB8	ASMI 46TS OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CP06ZF2	ASMI 46TS OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000CQ5ASE0	ASMI 48TL OPENC	EUR											
Certificate	DE000CQ5AUD8	ASMI 48TL OPENC	EUR											
Certificate	DE000CP06ZG0	ASMI 48TS OPENC	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000CP06WC6	ASMI 48TS OPENC	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CQ58F61	ASMI 50TL OPENC	EUR											
Certificate	DE000CQ58DU6	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	33,3600	33,3600	33,3600			33,3600					
Certificate	NL0010012670	ASMI 11.9TL OPENB	EUR	24,9400	24,9400	24,9400			24,9400					
Certificate	NL0010606000	ASMI 16.6TL OPENB	EUR	20,6400	20,6400	20,6400			20,6400					
Certificate	NL0011044318	ASMI 18.8TL OPENH	EUR	17,8200	18,2600	17,8200			18,2600					
Certificate	NL0011410824	ASMI 21.1TL OPENH	EUR	15,6700	16,1100	15,6700			16,1100					
Certificate	NL0010896023	ASMI 21.4TL OPENB	EUR	15,8400	16,3000	15,8400			16,3000					
Certificate	NL0011410816	ASMI 21.6TL OPENH	EUR	15,1800	15,6200	15,1800			15,6200					
Certificate	NL0011410808	ASMI 22.7TL OPENH	EUR	14,2000	14,6400	14,2000			14,6400					
Certificate	NL0011441332	ASMI 24.6TL OPENB	EUR	12,8600	13,3200	12,8600			13,3200					
Certificate	NL0011731674	ASMI 25.8TL OPENH	EUR	11,2900	11,7300	11,2900	22800,0000	2	11,7300	2000				
Certificate	NL0011443866	ASMI 26.2TL OPENB	EUR	11,4500	11,9100	11,4500			11,9100					
Certificate	NL0011720602	ASMI 27.8TL OPENH	EUR	9,4000	9,8500	9,4000			9,8500					
Certificate	NL0011971551	ASMI 28.9TL OPENH	EUR	8,3900	8,8300	8,3900			8,8300					
Certificate	NL0011975602	ASMI 29.8TL OPENH	EUR	7,5600	8,0000	7,5600			8,0000					
Certificate	NL0011976006	ASMI 30.8TL OPENH	EUR	6,6000	7,0400	6,6000			7,0400					
Certificate	NL0012028435	ASMI 32.5TL OPENB	EUR	5,7100	6,3400	5,7100	5016,0000	2	6,1700	800				
Certificate	NL0012039994	ASMI 34.1TL OPENB	EUR											
Certificate	NL0011992797	ASMI 34.2TL OPENH	EUR											
Certificate	NL0013156466	ASMI 35.1TL OPENB	EUR											
Certificate	NL0013157381	ASMI 36.1TL OPENB	EUR											
Certificate	DE000CJ3QME3	ASMI 36.4TL OPENZ	EUR											
Certificate	NL0013159262	ASMI 37.1TL OPENB	EUR											
Certificate	NL0013189491	ASMI 38.6TS OPENH	EUR	6,5600	6,5600	6,3700			6,3700					
Certificate	NL0013188089	ASMI 40.7TS OPENH	EUR	8,8200	8,8200	8,6300			8,6300					
Certificate	NL0013130370	ASMI 43.6TS OPENH	EUR	11,9700	11,9700	11,7800			11,7800					
Certificate	NL0013110687	ASMI 44.1B0C0919Z	EUR	36,3200	36,3200	36,3200			36,3200					
Certificate	NL0012905848	ASMI 45.6TS OPENH	EUR	14,2200	14,2200	14,0400			14,0400					
Certificate	NL0012796502	ASMI 46.5B0C1219Z	EUR	35,0600	35,0600	35,0600			35,0600					
Certificate	NL0012987911	ASMI 47.5TS OPENB	EUR	17,6400	17,6400	17,1300			17,1300					
Certificate	NL0012936116	ASMI 47.6TS OPENH	EUR	16,3000	16,3000	16,1100			16,1100					
Certificate	NL0012918544	ASMI 48.6TS OPENH	EUR	17,4000	17,4000	17,2100			17,2100					
Certificate	NL0012795678	ASMI 49.5B0C0619Z	EUR	34,3000	34,3000	34,3000			34,3000					
Certificate	NL0012795686	ASMI 49.5B0C0919Z	EUR	35,8500	35,8500	35,5500	4302,0000	1	35,5500	120				
Certificate	NL0012936595	ASMI 49.6TS OPENH	EUR	18,4400	18,4400	18,2600			18,2600					
Certificate	NL0012994420	ASMI 50.48S OPENB	EUR	1,5750	1,5750	1,5250			1,5250					
Certificate	NL0012918536	ASMI 50.6TS OPENH	EUR	19,5300	19,5300	19,3500			19,3500					
Certificate	NL0012611909	ASMI 52.6TS OPENH	EUR	21,7400	21,7400	21,5500			21,5500					
Certificate	NL0012608467	ASMI 54.5TS OPENH	EUR	23,8300	23,8300	23,6400			23,6400					
Certificate	NL0012598320	ASMI 56.5TS OPENH	EUR	25,9400	25,9400	25,7500			25,7500					
Certificate	NL0012585178	ASMI 60.2TS OPENH	EUR	29,9700	29,9700	29,7800			29,7800					
Certificate	NL0012536437	ASMI 61.5TS OPENH	EUR	31,4100	31,4100	31,2200			31,2200					
Certificate	NL0012242044	ASMI 64.2TS OPENH	EUR	34,2200	34,2200	34,0400			34,0400					
Certificate	NL0012773584	ASMI 64.9TS OPENB	EUR	36,9100	36,9100	36,4000			36,4000					
Certificate	NL0012537476	ASMI 73.2TS OPENH	EUR	44,0400	44,0400	43,8600			43,8600					
Certificate	DE000CR9RJK1	ASMI 24.14TL OPENZ	EUR	11,5300	11,5300	11,5300			11,5300					
Certificate	DE000CN6F9B1	ASMI 28.91TL OPENZ	EUR	6,2200	6,8100	6,2200	1680,4000	2	6,8100	270				
Certificate	NL0013017544	ASMI 29.37BL OPENB	EUR	0,6350	0,7100	0,6350	495,0000	2	0,6750	700				
Certificate	LU1859831700	ASMI 30.27TCIOPENS	EUR	5,3800	5,8500	5,3800			5,8500					
Certificate	DE000CN6FD06	ASMI 30.46TL OPENZ	EUR	4,7300	5,2700	4,7300	3107,5600	3	5,2700	647				
Certificate	NL0013014764	ASMI 31.37BL OPENB	EUR	0,4350	0,4800	0,4100	89,8200	2	0,4750	202				
Certificate	DE000CD63294	ASMI 32.44TL OPENZ	EUR	2,8300	3,3450	2,8300	1178,0000	2	3,3450	400				
Certificate	NL0013007586	ASMI 33.38BL OPENB	EUR	0,2350	0,2750	0,2350			0,2750					
Certificate	LU1859845247	ASMI 33.45TCIOPENS	EUR	2,2800	2,7400	2,2800			2,7400					
Certificate	DE000CJ3PL15	ASMI 34.42TL OPENZ	EUR											
Certificate	NL0013155963	ASMI 35.37BL OPENB	EUR											
Certificate	NL0013160005	ASMI 37.37BL OPENB	EUR											
Certificate	DE000CJ3QY19	ASMI 38.15TS OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0013163207	ASMI 38.45BS OPENB	EUR	0,3750	0,3750	0,3250			0,3250					
Certificate	DE000CJ3P7G3	ASMI 41.65TS OPENZ	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	NL0013149065	ASMI 42.45BS OPENB	EUR	0,7750	0,7750	0,7250			0,7250					
Certificate	DE000CJ3NZ45	ASMI 45.63TS OPENZ	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	NL0012994826	ASMI 46.44BS OPENB	EUR	1,1750	1,1750	1,1250			1,1250					
Certificate	LU1790510876	ASMI 47.85TCIOPENS	EUR	13,7900	13,7900	13,2700			13,2700					
Certificate	NL0012795348	ASMI 48.67B0C0319Z	EUR	40,8750	40,8750	40,8750			40,8750					
Certificate	NL0012795330	ASMI 48.67B0C1218Z	EUR	38,4900	38,4900	38,4900			38,4900					
Certificate	DE000CV89L44	ASMI 49.59TS OPENZ	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	LU1859913185	ASMI 53.02TCIOPENS	EUR	18,1600	18,1600	17,6900			17,6900					
Certificate	DE000CV88G67	ASMI 53.58TS OPENZ	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000CE6CHG6	ASMI 57.55TS OPENZ	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	DE000CE6BQQ8	ASMLH LEVOPENZ	EUR	45,0400	46,7800	45,0400	8960,8800	3	46,7800	192				
Certificate	DE000CE6BQF1	ASMLH SHROPENZ	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	NL0009261080	ASMLH 17TL OPENB	EUR	127,8500	127,8500	127,8500			127,8500					
Certificate	NL0011413372	ASMLH 33TL OPENH	EUR	11,2100	11,2600	11,2100			11,2600					
Certificate	NL0011039334	ASMLH 52TL OPENH	EUR	9,4500	9,5000	9,4500			9,5000					
Certificate	DE000CW42KK5	ASMLH 70TL OPENC	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	DE000CW42P86	ASMLH 70TL OPENC	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	NL0011712807	ASMLH 75TL OPENH	EUR	7,3100	7,3600	7,3100			7,3600					
Certificate	DE000CX01ZB6	ASMLH 80TL OPENC	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	DE000CX599D5	ASMLH 90TL OPENC	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	DE000CY502D8	ASMLH 100TL OPENC	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	DE000CY16X86	ASMLH 100TL OPENC	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	DE000CY0ARY1	ASMLH 110TL OPENC	EUR	3,2600	3,4300	3,2600	13260,0000	4	3,4300	4000				
Certificate	DE000CY0AU62	ASMLH 110TL OPENC	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000CY50UF3	ASMLH 115TL OPENC	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000CY50WU8	ASMLH 115TL OPENC	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	NL0012366793	ASMLH 116TL OPENH	EUR	3,4900	3,5400	3,4900			3,5400					
Certificate	DE000CY50NC5	ASMLH 120TL OPENC	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	DE000CY50N28	ASMLH 120TL OPENC	EUR	2,4800	2,4800	2,3700	3472,0000	1	2,3700	1400				
Certificate	DE000CV8BCH2	ASMLH 123TL 1218Z	EUR											
Certificate	DE000VA71UT0	ASMLH 125TL 0319V	EUR	1,9350	1,9350	1,9350			1,9350					
Certificate	DE000CY50UG1	ASMLH 125TL OPENC	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000CY50WV6	ASMLH 125TL OPENC	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000VA71P34	ASMLH 130TL 0319V	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	DE000VA8FYT4	ASMLH 130TL 1218V	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	DE000CY51BS4	ASMLH 130TL OPENC	EUR	1,9500	2,0300	1,9500	7800,0000	2	2,0300	4000				
Certificate	DE000CY51A30	ASMLH 130TL OPENC	EUR	1,2500	1,3800	1,2000	1937,5000	2	1,3800	1610				
Certificate	DE000CV8BEM8	ASMLH 133TL 1218Z	EUR	1,1500	1,3000	1,1500	612,5000	2	1,3000	500				
Certificate	DE000VA77D16	ASMLH 135TL 0319V	EUR	1,1000	1,1600	1,0000	7007,2900	11	1,0050	6442				
Certificate	DE000VA71US2	ASMLH 135TL 1218V	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	NL0012495493	ASMLH 135TL OPENB	EUR	17,1500	19,4800	16,4900	3767,0000	3	17,9900	210				
Certificate	DE000CY51GN4	ASMLH 135TL OPENC	EUR	1,4700	1,6700	1,4100	4067,0600	19	1,5500	2606				
Certificate	DE000CY51JU3	ASMLH 135TL OPENC	EUR	0,7400	1,0300	0,7100	47868,9800	43	0,8900	53668				
Certificate	NL0013156474	ASMLH 138TL OPENB	EUR	1,4350	1,6800	1,4000	3598,0000	4	1,5150	2300				
Certificate	LU1876929628	ASMLH 140TCIOPENS	EUR											
Certificate	DE000VA90ZL6	ASMLH 140TL 0319V	EUR											
Certificate	DE000VA90SG1	ASMLH 140TL 0319V	EUR											
Certificate	DE000CP234H0	ASMLH 140TL OPENC	EUR											
Certificate	DE000CP23870	ASMLH 140TL OPENC	EUR											
Certificate	NL0013157399	ASMLH 141TL OPENB	EUR											
Certificate	NL0013157407	ASMLH 144TL OPENB	EUR											
Certificate	LU1876929891	ASMLH 145TCIOPENS	EUR											
Certificate	DE000VA90YH7	ASMLH 145TL 0319V	EUR											
Certificate	DE000VN9HFY2	ASMLH 145TS 0319V	EUR											
Certificate	NL0013159270	ASMLH 147TL OPENB	EUR											
Certificate	DE000VN9G6F4	ASMLH 150TL 0319V	EUR											
Certificate	NL0013160542	ASMLH 150TL OPENB	EUR											
Certificate	DE000CP06KF4	ASMLH 150TL OPENC	EUR											
Certificate	DE000VN9HAU1	ASMLH 150TS 0319V	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000CP23ND8	ASMLH 150TS OPENC	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CP23Q95	ASMLH 150TS OPENC	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	NL0012494520	ASMLH 151BOC1218B	EUR	150,6000	150,6000	150,6000			150,6000					
Certificate	LU1876934891	ASMLH 155TPIOPENS	EUR											
Certificate	DE000VN9G8Q7	ASMLH 155TS 0319V	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000CP23NE6	ASMLH 155TS OPENC	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	LU1876934974	ASMLH 160TPIOPENS	EUR	1,7800	1,7800	1,6900			1,6900					
Certificate	DE000VA8FSH1	ASMLH 160TS 0319V	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	DE000VA8FSJ7	ASMLH 160TS 1218V	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	DE000CP239H9	ASMLH 160TS OPENC	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	DE000CQ58YU2	ASMLH 160TS OPENC	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	NL0012796908	ASMLH 161BOC0619Z	EUR											
Certificate	DE000CJ3QFG2	ASMLH 164TS 0319Z	EUR											
Certificate	DE000CQ58006	ASMLH 165TL OPENC	EUR											
Certificate	DE000VA710Z5	ASMLH 165TS 0319V	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	DE000CQ58YV0	ASMLH 165TS OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0012648760	ASMLH 166BON0619Z	EUR											
Certificate	NL0012676258	ASMLH 168BOC1218B	EUR	166,6000	167,1000	166,6000			167,1000					
Certificate	NL0012796924	ASMLH 168BOC1219Z	EUR											
Certificate	DE000VAD9WV6	ASMLH 168TS 1218V	EUR	2,5050	2,5050	2,5050			2,5050					
Certificate	NL0012648299	ASMLH 170BOC1218Z	EUR											
Certificate	DE000CQ58BF95	ASMLH 170TL OPENC	EUR											
Certificate	DE000CQ58BDX0	ASMLH 170TL OPENC	EUR											
Certificate	DE000VA7PUQ9	ASMLH 170TS 0319V	EUR	2,7150	2,7150	2,7150			2,7150					
Certificate	DE000VAD6DP6	ASMLH 170TS 1218V	EUR	2,5900	2,7050	2,5900	287,4900	1	2,7050	111				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP06743	ASMLH 170TS OPENC	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CP06751	ASMLH 170TS OPENC	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	NL0013191315	ASMLH 170TS OPENH	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000VA6D6Q4	ASMLH 172TS 1218V	EUR	2,9050	2,9050	2,9050			2,9050					
Certificate	DE000VA6D6R2	ASMLH 174TS 1218V	EUR	3,1050	3,1050	3,1050			3,1050					
Certificate	DE000CJ3N2P7	ASMLH 174TS 1218Z	EUR											
Certificate	NL0012898324	ASMLH 174TS OPENH	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	DE000VA7PUR7	ASMLH 175TS 0319V	EUR	3,2250	3,2250	3,2250			3,2250					
Certificate	DE000CP06750	ASMLH 175TS OPENC	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	NL0012648307	ASMLH 176BOC0619Z	EUR											
Certificate	NL0012648992	ASMLH 176BOC1218Z	EUR											
Certificate	DE000VA6D6S0	ASMLH 176TS 1218V	EUR	3,3050	3,3050	3,3050			3,3050					
Certificate	NL0012796338	ASMLH 178BOC0919Z	EUR											
Certificate	DE000VA6D6G5	ASMLH 178TS 1218V	EUR	3,5050	3,5050	3,5050			3,5050					
Certificate	DE000VA7PUS5	ASMLH 180TS 0319V	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	DE000VASRG09	ASMLH 180TS 1218V	EUR	3,7050	3,7050	3,7050			3,7050					
Certificate	DE000CQ58T16	ASMLH 180TS OPENC	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	DE000CQ58UV8	ASMLH 180TS OPENC	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	DE000VASRG25	ASMLH 182TS 1218V	EUR	3,9050	3,9050	3,9050			3,9050					
Certificate	NL0013148794	ASMLH 183BOC1219B	EUR	145,9500	146,9500	145,9500			146,9500					
Certificate	DE000CJ3P3D9	ASMLH 184TS 0319Z	EUR											
Certificate	NL0012936827	ASMLH 184TS OPENH	EUR	5,6200	5,6300	5,6200				5,6300				
Certificate	NL0012795314	ASMLH 185BOC0319Z	EUR											
Certificate	NL0013003221	ASMLH 185BOC0919B	EUR	143,6500	144,7500	143,6500			144,7500					
Certificate	DE000VA7PUT3	ASMLH 185TS 0319V	EUR	4,2250	4,2250	4,2250			4,2250					
Certificate	DE000VASRB79	ASMLH 185TS 1218V	EUR	4,2050	4,2050	4,2050			4,2050					
Certificate	DE000CP06D04	ASMLH 185TS OPENC	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	NL0012796346	ASMLH 187BOC1219Z	EUR											
Certificate	NL0012649008	ASMLH 188BOC0619Z	EUR											
Certificate	DE000VA4YS72	ASMLH 188TS 1218V	EUR											
Certificate	DE000VASENX8	ASMLH 188TS 1218V	EUR	4,5050	4,5050	4,5050			4,5050					
Certificate	DE000VA7PUU1	ASMLH 190TS 0319V	EUR	4,7250	4,7250	4,7250			4,7250					
Certificate	DE000VA4YNP5	ASMLH 190TS 1218V	EUR	4,7050	4,7050	4,7050			4,7050					
Certificate	DE000CQ58T24	ASMLH 190TS OPENC	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000CQ58HK8	ASMLH 190TS OPENC	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	DE000CY521W8	ASMLH 190TS OPENC	EUR											
Certificate	DE000CY51UR6	ASMLH 190TS OPENC	EUR											
Certificate	DE000VA4YNQ3	ASMLH 192TS 1218V	EUR	4,9050	4,9050	4,9050			4,9050					
Certificate	DE000VA4YNNR1	ASMLH 194TS 1218V	EUR	5,1050	5,1050	5,1050			5,1050					
Certificate	DE000CV889A8	ASMLH 194TS 1218Z	EUR											
Certificate	NL0012795561	ASMLH 196BOC0919Z	EUR											
Certificate	DE000VA4YN85	ASMLH 196TS 1218V	EUR	5,3050	5,3050	5,3050			5,3050					
Certificate	DE000VA4YN93	ASMLH 198TS 1218V	EUR	5,5050	5,5050	5,5050			5,5050					
Certificate	NL0012987309	ASMLH 200BOC0619B	EUR	147,0500	148,6500	147,0500			148,6500					
Certificate	DE000VA4YPA2	ASMLH 200TS 1218V	EUR	5,7050	5,7050	5,7050			5,7050					
Certificate	DE000CY51X58	ASMLH 200TS OPENC	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	DE000CQ58030	ASMLH 200TS OPENC	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	DE000CY52M19	ASMLH 200TS OPENC	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	DE000VA4YPB0	ASMLH 202TS 1218V	EUR	5,9050	5,9050	5,9050			5,9050					
Certificate	DE000CQ58D25	ASMLH 205TS OPENC	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	DE000CQ5ACP0	ASMLH 210TS OPENC	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000CV8AB63	ASMLH 214TS 1218Z	EUR											
Certificate	NL0012521967	ASMLH 217TS OPENH	EUR	9,1800	9,1900	9,1800			9,1900					
Certificate	DE000CQ58048	ASMLH 220TS OPENC	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	DE000CQ582D0	ASMLH 220TS OPENC	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	DE000CQ58E05	ASMLH 230TS OPENC	EUR	8,5000	8,5000	8,5000			8,5000					
Certificate	NL0012105845	ASMLH 110.BL OPENB	EUR	33,9500	34,7900	33,9500			34,7900					
Certificate	DE000VL2FR59	ASMLH 111.TL OPENV	EUR	3,1950	3,1950	3,1950			3,1950					
Certificate	LU1573600514	ASMLH 115.TCIOPENS	EUR	2,6200	2,7000	2,6200			2,7000					
Certificate	DE000VL2FSP4	ASMLH 127.TL OPENV	EUR	1,4700	1,7000	1,4700	2005,0000	3	1,5550	1250				
Certificate	DE000VL2FTL1	ASMLH 129.TL OPENV	EUR	1,4200	1,4250	1,3100	273,0000	2	1,3550	200				
Certificate	DE000VL2FTM9	ASMLH 131.TL OPENV	EUR	1,2200	1,2900	1,1100	12428,9000	5	1,1350	10190				
Certificate	NL0013151616	ASMLH 158.BS OPENB	EUR	1,7050	1,7500	1,4500	22900,7100	23	1,6150	14165				
Certificate	DE000CJ3PHN6	ASMLH 159.TS OPENZ	EUR	1,4700	1,4700	1,4350	347,1600	2	1,4400	239				
Certificate	NL0013013543	ASMLH 163.BS OPENB	EUR	2,2050	2,2050	2,1150	872,0000	1	2,1150	400				
Certificate	DE000VA3TK60	ASMLH 166.TL OPENV	EUR											
Certificate	NL0012995542	ASMLH 168.BS OPENB	EUR	2,6950	2,6950	2,6050			2,6050					
Certificate	LU1817217232	ASMLH 169.TPIOPENS	EUR	2,5700	2,5700	2,4800			2,4800					
Certificate	DE000VA2T6G1	ASMLH 170.TL OPENV	EUR											
Certificate	DE000VA2T6H9	ASMLH 172.TL OPENV	EUR											
Certificate	DE000VA2T6W8	ASMLH 174.TL OPENV	EUR											
Certificate	DE000CV88BZ6	ASMLH 174.TS 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	DE000VA3TEN1	ASMLH 176.1TL OPENV	EUR											
Certificate	NL0009560325	ASMLH 18.3TL OPENB	EUR	126,6200	126,6200	126,6200			126,6200					
Certificate	DE000VASRGP0	ASMLH 180.TS OPENV	EUR	3,5450	3,5450	3,5450				3,5450				
Certificate	DE000VASRGQ8	ASMLH 182.TS OPENV	EUR	3,7450	3,7450	3,7450				3,7450				
Certificate	LU1816971995	ASMLH 184.TPIOPENS	EUR	4,0300	4,0300	3,9400				3,9400				
Certificate	NL0010013769	ASMLH 32.5TL OPENB	EUR	113,3900	113,3900	113,3900				113,3900				
Certificate	NL0011040100	ASMLH 41.3TL OPENH	EUR	10,4400	10,4900	10,4400				10,4900				
Certificate	NL0010249538	ASMLH 42.6TL OPENB	EUR	104,0300	104,0300	104,0300				104,0300				
Certificate	NL0010283610	ASMLH 46.8TL OPENB	EUR	100,1200	100,1200	100,1200				100,1200				
Certificate	NL0010376752	ASMLH 49.4TL OPENB	EUR	97,6700	97,6700	97,6700				97,6700				
Certificate	NL0010378121	ASMLH 52.3TL OPENB	EUR	94,9200	94,9200	94,9200				94,9200				
Certificate	NL0010379350	ASMLH 54.8TL OPENB	EUR	92,6100	92,6100	92,6100				92,6100				
Certificate	NL0011040092	ASMLH 57.3TL OPENH	EUR	8,9500	9,0100	8,9500				9,0100				
Certificate	NL0010657052	ASMLH 57.9TL OPENB	EUR	89,7900	89,7900	89,7900				89,7900				
Certificate	NL0010658597	ASMLH 60.7TL OPENB	EUR	87,1300	87,1300	87,1300				87,1300				
Certificate	NL0011039326	ASMLH 62.6TL OPENH	EUR	8,4600	8,5100	8,4600				8,5100				
Certificate	NL0010764122	ASMLH 66.5TL OPENB	EUR	81,7400	81,7400	81,7400				81,7400				
Certificate	NL0011040084	ASMLH 67.9TL OPENH	EUR	7,9600	8,0100	7,9600				8,0100				
Certificate	NL0011413364	ASMLH 68.8TL OPENH	EUR	7,8900	7,9400	7,8900				7,9400				
Certificate	NL0010893483	ASMLH 69.1TL OPENB	EUR	78,5200	79,3600	78,5200				79,3600				
Certificate	NL0011649447	ASMLH 72.3TL OPENB	EUR	75,5300	76,3700	75,5300				76,3700				
Certificate	NL0011712815	ASMLH 72.9TL OPENH	EUR	7,5000	7,5500	7,5000				7,5500				
Certificate	NL0011651948	ASMLH 75.4TL OPENB	EUR	72,6200	73,4600	72,6200				73,4600				
Certificate	NL0011712799	ASMLH 77.1TL OPENH	EUR	7,1100	7,1600	7,1100				7,1600				
Certificate	NL0011712781	ASMLH 79.2TL OPENH	EUR	6,9100	6,9700	6,9100				6,9700				
Certificate	NL0011891015	ASMLH 83.3TL OPENH	EUR	6,5300	6,5800	6,5300				6,5800				
Certificate	NL0011926720	ASMLH 87.5TL OPENH	EUR	6,1300	6,1900	6,1300				6,1900				
Certificate	NL0011906318	ASMLH 88.9TL OPENB	EUR	60,1000	60,9400	60,1000				60,9400				
Certificate	NL0012030340	ASMLH 90.8TL OPENB	EUR	58,2700	59,1100	58,2700				59,1100				
Certificate	NL0011993555	ASMLH 91.6TL OPENH	EUR	5,7600	5,8100	5,7600				5,8100				
Certificate	NL0012048995	ASMLH 93.7TL OPENH	EUR	5,5700	5,6200	5,5700				5,6200				
Certificate	NL0012040687	ASMLH 94.9TL OPENB	EUR	54,4400	55,2800	54,4400				55,2800				
Certificate	NL0012099741	ASMLH 97.1TL OPENB	EUR	52,4500	53,2900	52,4500				53,2900				
Certificate	NL0012052708	ASMLH 98.7TL OPENH	EUR	5,1000	5,1500	5,1000				5,1500				
Certificate	NL0012100457	ASMLH 99.1TL OPENB	EUR	50,5300	51,3700	50,5300				51,3700				
Certificate	DE000CD644R3	ASMLH100.9TL OPENZ	EUR											
Certificate	NL0012100465	ASMLH101.2TL OPENB	EUR	48,6100	49,4500	48,6100	1230,5000	1	49,4500		25			
Certificate	LU1477223546	ASMLH101.3TCIOPENS	EUR	40,0100	40,9000	40,0100				40,9000				
Certificate	NL0012100325	ASMLH101.68L OPENB	EUR	42,3600	43,2000	42,3600				43,2000				
Certificate	NL0012101174	ASMLH103.3TL OPENB	EUR	46,7000	47,5400	46,7000				47,5400				
Certificate	NL0012100333	ASMLH103.78L OPENB	EUR	40,2600	41,1000	40,2600				41,1000				
Certificate	DE000CD64656	ASMLH105.9TL OPENZ	EUR											
Certificate	DE000CD64EA3	ASMLH106.9TL OPENZ	EUR											
Certificate	NL0012105688	ASMLH107.5TL OPENB	EUR	42,7900	44,2800	42,7900	1328,4000	1	43,6300		30			
Certificate	DE000VN6Y290	ASMLH107.9TL OPENV	EUR	4,0150	4,0150	4,0150				4,0150				
Certificate	DE000VN6Y0A9	ASMLH107.9TL OPENV	EUR	3,5050	3,5050	3,5050				3,5050				
Certificate	NL0012056022	ASMLH111.1TL OPENH	EUR	3,9500	4,0000	3,9500				4,0000				
Certificate	NL0012106181	ASMLH111.6TL OPENB	EUR	38,9700	39,8100	38,9700	9915,0000	1	39,8100		250			
Certificate	DE000CD64E85	ASMLH111.8TL OPENZ	EUR	3,3900	3,3900	3,3900	847,5000	1	3,3900		250			
Certificate	NL0012105852	ASMLH112.18L OPENB	EUR	31,8600	33,2100	31,8600	1660,5000	1	32,7000		50			
Certificate	DE000VN658L1	ASMLH113.3TL OPENV	EUR	2,8100	3,1550	2,8100	14982,0400	15	2,9650		5115			
Certificate	DE000VN658H9	ASMLH113.3TL OPENV	EUR	3,5250	3,5250	3,5250				3,5250				
Certificate	NL0012117758	ASMLH113.7TL OPENB	EUR	37,0200	37,8600	37,0200				37,8600				
Certificate	NL0012106116	ASMLH114.28L OPENB	EUR	29,7700	30,6100	29,7700				30,6100				
Certificate	DE000VL2FPS4	ASMLH114.9TL OPENV	EUR	2,7850	2,7850	2,7850				2,7850				
Certificate	DE000CE6C2G7	ASMLH116.1TL OPENZ	EUR											
Certificate	DE000CJ3P3B3	ASMLH117.5TL 0319Z	EUR											
Certificate	NL0012277099	ASMLH117.6TL OPENB	EUR	33,3200	34,4900	33,3200	689,8000	1	34,1600		20			
Certificate	DE000VN66XH2	ASMLH117.8TL OPENV	EUR	2,4750	2,4750	2,4750				2,4750				
Certificate	DE000CE68HH6	ASMLH117.8TL OPENZ	EUR											
Certificate	NL0012371041	ASMLH120.9TL OPENH	EUR	3,0300	3,2600	3,0300	1630,0000	1	3,0900		500			
Certificate	DE000VL2FPT2	ASMLH120.9TL OPENV	EUR	2,1750	2,1750	2,1750				2,1750				
Certificate	NL0012277610	ASMLH121.8TL OPENB	EUR	29,4100	30,3000	29,4100	1470,5000	1	30,3000		50			
Certificate	NL0012278253	ASMLH121.98L OPENB	EUR	22,4000	23,2400	22,4000				23,2400				
Certificate	DE000VL5RX13	ASMLH122.4TL OPENV	EUR	2,6650	2,6650	2,6650				2,6650				
Certificate	DE000VL2FL22	ASMLH122.8TL OPENV	EUR	1,9650	1,9650	1,9650				1,9650				
Certificate	DE000CE6DYT2	ASMLH123.8TL OPENZ	EUR	2,1400	2,1400	2,1400	428,0000	1	2,1400		200			
Certificate	DE000VL5RX21	ASMLH124.4TL OPENV	EUR	2,4650	2,4650	2,4650				2,4650				
Certificate	DE000VL2FPU0	ASMLH124.9TL OPENV	EUR	1,6700	1,8350	1,6650	11984,9600	7	1,7450		6612			
Certificate	NL0012277628	ASMLH125.9TL OPENB	EUR	25,6600	27,8700	25,6600	139,3500	1	26,5000		5			
Certificate	NL0012372270	ASMLH125.9TL OPENH	EUR	2,5700	2,6200	2,5700				2,6200				
Certificate	DE000CE6EQ08	ASMLH126.3TL 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	NL0012278279	ASMLH127.1BL OPENB	EUR	17,2300	18,0700	17,1400	2254,0000	2	18,0700	130				
Certificate	DE000VL37EY2	ASMLH128.2TL OPENV	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	LU1573750830	ASMLH128.3TCIOPENS	EUR	1,2800	1,3700	1,2800			1,3700					
Certificate	DE000CJ3QDB8	ASMLH128.5TL 0319Z	EUR											
Certificate	NL0012492227	ASMLH128.9TL OPENB	EUR	22,8600	23,7000	22,8600			23,7000					
Certificate	DE000VL5RX39	ASMLH130.4TL OPENV	EUR	2,0000	2,0000	1,8850	2100,0000	2	1,8850	1050				
Certificate	DE000CE6E093	ASMLH130.8TL OPENZ	EUR											
Certificate	LU1573783419	ASMLH131.8TCIOPENS	EUR	0,9200	1,0200	0,9200	28374,8000	7	1,0200	30190				
Certificate	NL0012493522	ASMLH131.9TL OPENB	EUR	20,0500	22,0000	20,0500	3217,0000	2	20,8900	148				
Certificate	NL0012493290	ASMLH132.2BL OPENB	EUR	12,1000	13,7800	11,5500	11640,0000	4	12,9400	900				
Certificate	DE000VL2FTT4	ASMLH133.1TL OPENV	EUR	0,9700	1,0750	0,9550	1105,0000	2	0,9550	1100				
Certificate	DE000VL37E29	ASMLH133.2TL OPENV	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	NL0012493795	ASMLH134.8BL OPENB	EUR	9,5200	11,8100	9,0300	34754,4500	13	10,3600	3125				
Certificate	NL0012518047	ASMLH135.3TL OPENH	EUR	1,6900	1,7800	1,6900	3140,0000	3	1,7500	1800				
Certificate	DE000VA90SM9	ASMLH136.5TL OPENV	EUR	0,7200	0,7850	0,7000	473,7100	5	0,7850	616				
Certificate	NL0013155971	ASMLH137.3BL OPENB	EUR	0,7250	1,0000	0,6650	32817,8000	26	0,8050	38240				
Certificate	DE000CJ3QMN4	ASMLH137.5TL 0319Z	EUR											
Certificate	DE000CJ3QGG0	ASMLH137.8TL OPENZ	EUR	0,7700	0,7700	0,6500	3905,7500	4	0,6700	5225				
Certificate	DE000VA90SP2	ASMLH138.5TL OPENV	EUR	0,4700	0,7500	0,4300	25654,3300	37	0,5950	42213				
Certificate	NL0013156961	ASMLH139.8BL OPENB	EUR											
Certificate	DE000VA90U34	ASMLH140.5TL OPENV	EUR											
Certificate	LU1784829472	ASMLH140.8TL OPENS	EUR											
Certificate	NL0013157738	ASMLH142.3BL OPENB	EUR											
Certificate	DE000VN9HGA0	ASMLH142.9TS OPENV	EUR											
Certificate	DE000VA90W57	ASMLH144.2TL OPENV	EUR											
Certificate	NL0013165426	ASMLH144.2TS OPENB	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	DE000VA90WR0	ASMLH144.5TL OPENV	EUR											
Certificate	NL0013158397	ASMLH144.7BL OPENB	EUR											
Certificate	DE000VN9HGB8	ASMLH144.9TS OPENV	EUR											
Certificate	DE000CJ3QMF0	ASMLH145.7TL OPENZ	EUR											
Certificate	DE000VA90ZQ5	ASMLH146.5TL OPENV	EUR											
Certificate	DE000VN9HGD4	ASMLH146.9TS OPENV	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	NL0013160013	ASMLH147.2BL OPENB	EUR											
Certificate	DE000VN9HBX3	ASMLH147.3TS OPENV	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	NL0013164072	ASMLH148.1BS OPENB	EUR	0,7150	0,7150	0,5700	4560,0000	1	0,6200	8000				
Certificate	DE000VN9HA14	ASMLH148.9TS OPENV	EUR	0,6800	0,6800	0,4800	1616,7000	7	0,6250	2900				
Certificate	NL0013162399	ASMLH149.2TS OPENB	EUR	1,8550	1,8550	1,7650			1,7650					
Certificate	NL0013160021	ASMLH149.7BL OPENB	EUR											
Certificate	DE000VN9GG62	ASMLH150.6TL OPENV	EUR											
Certificate	DE000VN9HA30	ASMLH150.9TS OPENV	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000VN9HA48	ASMLH152.9TS OPENV	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	NL0013163215	ASMLH153.1BS OPENB	EUR	1,2050	1,2250	1,1150	3050,0000	1	1,1150	2500				
Certificate	NL0013162407	ASMLH154.2TS OPENB	EUR	2,3950	2,3950	2,3050			2,3050					
Certificate	DE000VN9G8R5	ASMLH154.9TS OPENV	EUR	1,1650	1,1650	1,1650			1,1650					
Certificate	DE000VA9CXJ2	ASMLH157.2TS OPENV	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	DE000VA9CXV7	ASMLH157.5TS OPENV	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	NL0013014160	ASMLH159.2TS OPENB	EUR	2,9150	2,9150	2,8250			2,8250					
Certificate	DE000VA9CXL8	ASMLH159.2TS OPENV	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	NL0013086069	ASMLH159.4TS OPENH	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	DE000VA71004	ASMLH161.4TS OPENV	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	DE000VA71012	ASMLH163.4TS OPENV	EUR	1,9650	1,9650	1,9650			1,9650					
Certificate	NL0013013717	ASMLH164.2TS OPENB	EUR	3,4550	3,4550	3,3650			3,3650					
Certificate	NL0012796916	ASMLH164.5BOC0919Z	EUR											
Certificate	DE000VA71020	ASMLH165.4TS OPENV	EUR	2,1650	2,1650	2,1650			2,1650					
Certificate	DE000VA15N35	ASMLH166.4TL OPENV	EUR											
Certificate	DE000VAD09F1	ASMLH167.8TS OPENV	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	DE000VAD09M7	ASMLH168.1TS OPENV	EUR	3,2550	3,2550	3,2550			3,2550					
Certificate	DE000VA4RMG0	ASMLH168.8TL OPENV	EUR											
Certificate	NL0012995799	ASMLH169.2TS OPENB	EUR	3,9950	3,9950	3,9050			3,9050					
Certificate	DE000VAD6DH3	ASMLH169.8TS OPENV	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	DE000VAD6DL5	ASMLH170.1TS OPENV	EUR	3,4550	3,4550	3,4550			3,4550					
Certificate	DE000VA2T6K3	ASMLH170.6TL OPENV	EUR											
Certificate	DE000VAD6DJ9	ASMLH171.8TS OPENV	EUR	2,7550	2,7550	2,7550			2,7550					
Certificate	DE000VAD6DM3	ASMLH172.1TS OPENV	EUR	3,6650	3,6650	3,6650			3,6650					
Certificate	DE000VA2TY64	ASMLH172.6TL OPENV	EUR											
Certificate	NL0012995559	ASMLH172.9BS OPENB	EUR	3,1950	3,1950	3,0100	903,0000	1	3,1050	300				
Certificate	DE000VAD6DK7	ASMLH173.8TS OPENV	EUR	2,9550	2,9550	2,9550			2,9550					
Certificate	DE000VAD6DN1	ASMLH174.1TS OPENV	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	DE000VA3TEP6	ASMLH174.7TL OPENV	EUR											
Certificate	DE000VAD6DC4	ASMLH175.8TS OPENV	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	DE000VAD6DE0	ASMLH176.1TS OPENV	EUR	4,0850	4,0850	4,0850			4,0850					
Certificate	LU1817129023	ASMLH177.7TCIOPENS	EUR	3,4300	3,4300	3,4300								



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	DE000VAGD6D2	ASMLH177.8TS OPENV	EUR	3,3550	3,3550	3,3550			3,3550					
Certificate	NL0012990451	ASMLH177.98S OPENB	EUR	3,6850	3,6850	3,5950			3,5950					
Certificate	DE000VAGD6F7	ASMLH178.1TS OPENV	EUR	4,2950	4,2950	4,2950			4,2950					
Certificate	NL0012888564	ASMLH179.1TS OPENH	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	DE000VASRGV8	ASMLH180.3TS OPENV	EUR	4,5050	4,5050	4,5050			4,5050					
Certificate	DE000VASRGX4	ASMLH182.3TS OPENV	EUR	4,7150	4,7150	4,7150			4,7150					
Certificate	NL0012988497	ASMLH182.88S OPENB	EUR	4,1750	4,1750	4,0850			4,0850					
Certificate	DE000VASRCW5	ASMLH184.1TS OPENV	EUR	3,9450	3,9450	3,9450			3,9450					
Certificate	DE000VASRB61	ASMLH184.3TS OPENV	EUR	4,9150	4,9150	4,9150			4,9150					
Certificate	DE000VASRB53	ASMLH186.1TS OPENV	EUR	4,1450	4,1450	4,1450			4,1450					
Certificate	DE000VASENU4	ASMLH186.3TS OPENV	EUR	5,1150	5,1150	5,1150			5,1150					
Certificate	DE000VASENRO	ASMLH188.1TS OPENV	EUR	4,3350	4,3350	4,3350			4,3350					
Certificate	DE000VA4YS49	ASMLH188.3TS OPENV	EUR											
Certificate	DE000VA4YS64	ASMLH188.4TS OPENV	EUR	5,3150	5,3150	5,3150			5,3150					
Certificate	NL0012792998	ASMLH190.28OC1218B	EUR	142,5000	143,4000	142,5000			143,4000					
Certificate	DE000VA3ECT4	ASMLH190.6TS OPENV	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	LU1757083248	ASMLH191.5TPIOPENS	EUR	4,6600	4,6600	4,5700			4,5700					
Certificate	NL0012368047	ASMLH191.5TS OPENH	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	DE000VL8XHL6	ASMLH193.3TS OPENV	EUR	4,5350	4,5350	4,5350			4,5350					
Certificate	LU1784829803	ASMLH193.6TS OPENS	EUR											
Certificate	DE000CV4ZMF3	ASMLH193.9TS OPENZ	EUR											
Certificate	DE000VL8XHN2	ASMLH194.9TS OPENV	EUR	5,6850	5,6850	5,6850			5,6850					
Certificate	LU1790503400	ASMLH195.1TPIOPENS	EUR	5,0900	5,0900	5,0000			5,0000					
Certificate	DE000VL8XHM4	ASMLH195.3TS OPENV	EUR	4,7250	4,7250	4,7250			4,7250					
Certificate	DE000VL8XHP7	ASMLH196.9TS OPENV	EUR	5,8850	5,8850	5,8850			5,8850					
Certificate	NL0012851463	ASMLH197.1TS OPENH	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	NL0012970008	ASMLH197.58S OPENB	EUR	5,6550	5,6550	5,6550			5,6550					
Certificate	DE000VL8XG21	ASMLH198.3TS OPENV	EUR	5,0250	5,0250	5,0250			5,0250					
Certificate	NL0012971923	ASMLH198.5TS OPENB	EUR	7,1550	7,1550	7,0650			7,0650					
Certificate	DE000VA2T562	ASMLH198.9TS OPENV	EUR	5,3250	5,3250	5,3250			5,3250					
Certificate	NL0012593867	ASMLH199.9TS OPENH	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	DE000VL8XKP1	ASMLH199.9TS OPENV	EUR	6,2050	6,2050	6,2050			6,2050					
Certificate	DE000VA2T6D8	ASMLH200.5TS OPENV	EUR	6,5050	6,5050	6,5050			6,5050					
Certificate	DE000VA2T570	ASMLH200.9TS OPENV	EUR	5,5250	5,5250	5,5250			5,5250					
Certificate	DE000VA2T6E6	ASMLH202.5TS OPENV	EUR	6,7150	6,7150	6,7150			6,7150					
Certificate	DE000VA2T588	ASMLH202.9TS OPENV	EUR	5,7250	5,7250	5,7250			5,7250					
Certificate	DE000VA2T6U2	ASMLH204.7TS OPENV	EUR	6,9450	6,9450	6,9450			6,9450					
Certificate	DE000VA2T6V0	ASMLH206.7TS OPENV	EUR	7,1550	7,1550	7,1550			7,1550					
Certificate	NL0012987242	ASMLH207.58OC0619B	EUR	140,6000	141,5000	140,6000			141,5000					
Certificate	NL0012935597	ASMLH208.7TS OPENH	EUR	8,2900	8,3000	8,2900			8,3000					
Certificate	DE000VA2T7V8	ASMLH208.7TS OPENV	EUR	7,3650	7,3650	7,3650			7,3650					
Certificate	LU1784829712	ASMLH211.2TS OPENS	EUR											
Certificate	DE000VA3EAB6	ASMLH212.6TS OPENV	EUR	7,7850	7,7850	7,7850			7,7850					
Certificate	DE000CV87Y25	ASMLH213.8TS OPENZ	EUR											
Certificate	DE000VA3EAC4	ASMLH214.6TS OPENV	EUR	7,9950	7,9950	7,9950			7,9950					
Certificate	DE000VA3EAD2	ASMLH216.6TS OPENV	EUR	8,1950	8,1950	8,1950			8,1950					
Certificate	DE000VA4YPC8	ASMLH218.4TS OPENV	EUR	8,4350	8,4350	8,4350			8,4350					
Certificate	DE000VA4YRQ4	ASMLH220.4TS OPENV	EUR	8,6550	8,6550	8,6550			8,6550					
Certificate	NL0012529135	ASMLH232.1TS OPENH	EUR	10,8100	10,8200	10,8100			10,8200					
Certificate	NL0012555486	ASMLH248.6TS OPENH	EUR	12,6000	12,6000	12,6000			12,6000					
Certificate	NL0012583447	ASMLH248.7TS OPENH	EUR	12,6100	12,6100	12,6100			12,6100					
Certificate	NL0012593859	ASMLH263.7TS OPENH	EUR	14,2400	14,2400	14,2400			14,2400					
Certificate	NL0012919997	ASMLH281.9TS OPENH	EUR	16,2100	16,2100	16,2100			16,2100					
Certificate	NL0011539242	ASMLH63.168L OPENB	EUR	80,7400	81,5800	80,7400			81,5800					
Certificate	DE000CC165B4	ASMLH68.31TL OPENC	EUR	76,4400	76,4400	76,4400			76,4400					
Certificate	NL0011433305	ASMLH69.698L OPENB	EUR	74,2100	75,0500	74,2100			75,0500					
Certificate	NL0011650767	ASMLH76.178L OPENB	EUR	67,7300	68,5700	67,7300			68,5700					
Certificate	NL0011907357	ASMLH88.958L OPENB	EUR	54,9700	55,8100	54,9700			55,8100					
Certificate	DE000CJ3QFY5	ASMLH92.12TL OPENZ	EUR											
Certificate	DE000CD62721	ASMLH95.81TL OPENZ	EUR											
Certificate	NL0012100028	ASMLH99.488L OPENB	EUR	44,4600	45,3000	44,4600			45,3000					
Certificate	DE000CQ5AUM9	ASRNL 30TL OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CQ5ASJ9	ASRNL 32TL OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CQ5AUN7	ASRNL 32TL OPENC	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CQ5ASK7	ASRNL 34TL OPENC	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CQ5AUP2	ASRNL 34TL OPENC	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	DE000CQ5AUQ0	ASRNL 35TL OPENC	EUR											
Certificate	DE000CQ5ASL5	ASRNL 35TL OPENC	EUR											
Certificate	DE000CQ5BKM8	ASRNL 35TS OPENC	EUR											
Certificate	DE000CQ5AWM5	ASRNL 46TS OPENC	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0011900410	ASRNL 9.68TL OPENB	EUR	25,6950	25,6950	25,4150			25,4150					
Certificate	NL0011910211	ASRNL13.83TL OPENB	EUR	21,8350	21,8350	21,5550			21,5550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012104954	ASRNL18.94TL OPENB	EUR	17,0750	17,0750	16,7950			16,7950					
Certificate	DE000CD649D2	ASRNL19.11TL OPENZ	EUR	3,2850	3,2850	3,1950			3,1950					
Certificate	NL0012105332	ASRNL19.97TL OPENB	EUR	16,1150	16,1150	15,8350			15,8350					
Certificate	NL0012115935	ASRNL22.01TL OPENB	EUR	14,2150	14,2150	13,9350			13,9350					
Certificate	DE000CE6BDK9	ASRNL22.21TL OPENZ	EUR	2,6850	2,6850	2,5950			2,5950					
Certificate	NL0012261762	ASRNL23.02TL OPENB	EUR	13,2750	13,2750	12,9950			12,9950					
Certificate	DE000CE6DJ78	ASRNL25.83TL OPENZ	EUR	1,9850	1,9850	1,9050			1,9050					
Certificate	NL0012271084	ASRNL26.07TL OPENB	EUR	10,4250	10,4250	10,1450			10,1450					
Certificate	NL0012275945	ASRNL27.06TL OPENB	EUR	9,5050	9,5050	9,2200	922,0000	1	9,2250	100				
Certificate	NL0012275952	ASRNL28.08TL OPENB	EUR	8,5550	8,5550	8,2750			8,2750					
Certificate	DE000CE6DV23	ASRNL28.41TL OPENZ	EUR	1,4950	1,4950	1,4050			1,4050					
Certificate	NL0012279988	ASRNL29.08TL OPENB	EUR	7,6250	7,6250	7,3450			7,3450					
Certificate	NL0012492235	ASRNL30.08TL OPENB	EUR	6,6950	6,6950	6,4150			6,4150					
Certificate	DE000CE6EMU3	ASRNL30.99TL OPENZ	EUR	0,9950	0,9950	0,9050			0,9050					
Certificate	NL0012779771	ASRNL32.08TL OPENB	EUR	4,8250	4,8250	4,5450			4,5450					
Certificate	DE000CV89MC1	ASRNL33.06TL OPENZ	EUR	0,5950	0,5950	0,5050			0,5050					
Certificate	NL0013162118	ASRNL33.08TL OPENB	EUR	3,9250	3,9250	3,6450			3,6450					
Certificate	NL0013162126	ASRNL34.08TL OPENB	EUR	2,9950	2,9950	2,7150			2,7150					
Certificate	NL0013162415	ASRNL36.91TS OPENB	EUR	5,2750	5,4950	5,2750			5,4950					
Certificate	NL0012993422	ASRNL37.14TL OPENB	EUR											
Certificate	DE000CV8B6A4	ASRNL37.21TL OPENZ	EUR											
Certificate	DE000CJ3QV61	ASRNL38.29TS OPENZ	EUR	1,2050	1,2950	1,2050			1,2950					
Certificate	NL0013162423	ASRNL38.91TS OPENB	EUR	7,4350	7,6550	7,4350			7,6550					
Certificate	NL0013156573	ASRNL40.91TS OPENB	EUR	9,5550	9,7750	9,5550			9,7750					
Certificate	NL0012993497	ASRNL42.91TS OPENB	EUR	11,6950	11,9150	11,9150			11,9150					
Certificate	DE000CV8AS80	ASRNL43.29TS OPENZ	EUR	2,0950	2,1850	2,0950	428,0000	1	2,1850	200				
Certificate	NL0012994289	ASRNL44.89TS OPENB	EUR	13,8450	14,0650	13,8450			14,0650					
Certificate	DE000CJ3NVF8	ASRNL49.25TS OPENZ	EUR	3,3350	3,4250	3,3350			3,4250					
Certificate	DE000CV4YZ87	ASTRA 42.8TL OPENZ	EUR	1,9850	2,0450	1,9850			2,0450					
Certificate	DE000CV8BB88	ASTRA 47.8TL OPENZ	EUR	1,4350	1,4850	1,4350			1,4850					
Certificate	DE000CV8A3L9	ASTRA 52.8TL OPENZ	EUR	0,8850	0,9350	0,8850			0,9350					
Certificate	DE000CV4YXW8	ASTRA37.76TL OPENZ	EUR	2,5450	2,5950	2,5450			2,5950					
Certificate	NL0006518383	ASX 1830TL OPENB	EUR	24,4700	24,4700	24,4700			24,4700					
Certificate	NL0009173632	ASX 3200TL OPENB	EUR	16,1700	16,1700	16,1700			16,1700					
Certificate	DE000CJ3PNZ8	ATCO 125.2TL OPENZ	EUR	1,6500	1,7100	1,6500			1,7100					
Certificate	DE000CV501K8	ATCO 165.3TL OPENZ	EUR	0,8800	0,9300	0,8800			0,9300					
Certificate	DE000CE6FKH1	ATCO 195.3TL OPENZ	EUR	0,3100	0,3500	0,3100			0,3500					
Certificate	DE000CJ3QQN5	ATCO 215.2TL OPENZ	EUR											
Certificate	DE000CE6FNJ1	ATCO 226.1TL OPENZ	EUR											
Certificate	DE000CJ3NVG6	ATLMI12.86TL OPENZ	EUR	1,1350	1,1400	1,1350			1,1400					
Certificate	DE000CV8AZE2	ATLMI14.85TL OPENZ	EUR	0,7550	0,7600	0,7550			0,7600					
Certificate	DE000CV8AY74	ATLMI16.97TL OPENZ	EUR	0,3550	0,3600	0,3550			0,3600					
Certificate	DE000CJ3PHP1	ATOS 50.3TL OPENZ	EUR											
Certificate	DE000CJ3PHQ9	ATOS 60.3TL OPENZ	EUR											
Certificate	DE000CV8ARH2	AUROR 4.49TL OPENZ	EUR	2,3500	2,4900	2,3500			2,4900					
Certificate	DE000CV8AXX7	AUROR 5.04TL OPENZ	EUR	2,0200	2,1600	2,0200			2,1600					
Certificate	DE000CV8A856	AUROR 5.43TL OPENZ	EUR											
Certificate	DE000CJ3QTZ3	AUROR 5.54TL OPENZ	EUR	1,7100	1,8500	1,7100			1,8500					
Certificate	DE000CV8AZ24	AUROR 6.14TL OPENZ	EUR	1,3600	1,5000	1,3600			1,5000					
Certificate	DE000CV8A3E4	AUROR 6.52TL OPENZ	EUR											
Certificate	DE000CJ3QN04	AUROR 6.84TL OPENZ	EUR											
Certificate	DE000CJ3QX02	AUROR 6.84TL OPENZ	EUR	0,9200	1,0600	0,9200			1,0600					
Certificate	DE000CX002G3	AXA 16TL OPENC	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	DE000CX598Q9	AXA 18TL OPENC	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000CY0AU96	AXA 20TL OPENC	EUR											
Certificate	DE000CY500C4	AXA 20TL OPENC	EUR											
Certificate	DE000CY52QK7	AXA 28TS OPENC	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	DE000CY502H9	AXA 30TS OPENC	EUR	9,1900	9,1900	9,1900			9,1900					
Certificate	DE000CY500D2	AXA 30TS OPENC	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	NL0012056261	AXA 14.1TL OPENH	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CF80MW1	AXA 16.3TL OPENC	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	NL0010382347	AXA 8.64TL OPENB	EUR	11,3600	11,3600	11,3600			11,3600					
Certificate	NL0011226287	AXA 10.39TL OPENH	EUR	0,9800	0,9800	0,9700			0,9700					
Certificate	DE000CD61PT5	AXA 13.22TL OPENZ	EUR	1,2450	1,2450	1,1950			1,1950					
Certificate	DE000CR1K682	AXA 14.78TL OPENZ	EUR	0,9350	0,9350	0,8950			0,8950					
Certificate	NL0011916010	AXA 15.51TL OPENB	EUR	5,1400	5,1700	5,1400			5,1700					
Certificate	DE000CR4H047	AXA 15.77TL OPENZ	EUR	0,7350	0,7350	0,6950			0,6950					
Certificate	NL0011978853	AXA 16.68TL OPENH	EUR	0,4100	0,4100	0,4000			0,4000					
Certificate	DE000CD62TK4	AXA 17.26TL OPENZ	EUR	0,4450	0,4450	0,3950			0,3950					
Certificate	NL0012030373	AXA 18.57TL OPENB	EUR	2,3600	2,3900	2,3600			2,3900					
Certificate	NL0011993597	AXA 18.87TL OPENH	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	NL0012031249	AXA 19.62TL 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	DE000CD63PL8	AXA 19.73TL OPENZ	EUR											
Certificate	NL0011998000	AXA 19.88TL OPENH	EUR											
Certificate	NL0013190598	AXA 20.38TS OPENH	EUR	0,3400	0,3500	0,3400			0,3500					
Certificate	NL0012603617	AXA 20.39TL OPENH	EUR											
Certificate	NL0012986301	AXA 20.61TL OPENB	EUR											
Certificate	NL0013188097	AXA 21.58TL OPENH	EUR											
Certificate	NL0013189509	AXA 21.88TS OPENH	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0013156888	AXA 22.12TS OPENB	EUR	5,3000	5,3000	5,2700			5,2700					
Certificate	NL0013083041	AXA 23.25TS OPENH	EUR	0,6600	0,6700	0,6600			0,6700					
Certificate	NL0012772156	AXA 24.12TS OPENB	EUR	7,5100	7,5100	7,4800			7,4800					
Certificate	NL0012580633	AXA 24.73TS OPENH	EUR	0,8200	0,8300	0,8200			0,8300					
Certificate	NL0012564942	AXA 25.46TS OPENH	EUR	0,9000	0,9100	0,9000			0,9100					
Certificate	NL0012615512	AXA 26.68TS OPENH	EUR	1,0400	1,0500	1,0400			1,0500					
Certificate	NL0012584429	AXA 26.71TS OPENH	EUR	1,0400	1,0500	1,0400			1,0500					
Certificate	NL0012431001	AXA 26.96TS OPENH	EUR	1,0700	1,0800	1,0700			1,0800					
Certificate	NL0012366801	AXA 27.03TS OPENH	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0012244917	AXA 27.83TS OPENH	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	NL0012311716	AXA 27.92TS OPENH	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0012054423	AXA 28.32TS OPENH	EUR	1,2200	1,2300	1,2200			1,2300					
Certificate	NL0012679997	AXA 29.97TS OPENB	EUR	13,9900	13,9900	13,9600			13,9600					
Certificate	NL0012586374	AXA 30.18TS OPENH	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	NL0012555536	AXA 32.27TS OPENH	EUR	1,6600	1,6700	1,6600			1,6700					
Certificate	DE000CV8AWB5	AXELS40.71TL OPENZ	EUR	1,1550	1,1550	1,1400			1,1400					
Certificate	DE000CV8A4L7	AXELS50.75TL OPENZ	EUR	0,1650	0,1650	0,1600			0,1600					
Certificate	DE000UBS1MP2	B005U STN1022U	EUR											
Certificate	XS1815281685	BA99B STN0623B	EUR	80,9000	81,9000	80,9000			81,9000					
Certificate	DE000CW3AAH8	BABAK 50TL OPENC	EUR	8,2600	8,2600	8,2600			8,2600					
Certificate	DE000CW42AZ4	BABAK 55TL OPENC	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	DE000CX01P43	BABAK 70TL OPENC	EUR											
Certificate	DE000CX59LN9	BABAK 80TL OPENC	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	NL0012120521	BABAK 110TL OPENB	EUR	46,0000	46,0000	46,0000			46,0000					
Certificate	DE000CP06V24	BABAK 120TL OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CY50RU8	BABAK 120TL OPENC	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000CP236G7	BABAK 120TL OPENC	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000CY52ZC5	BABAK 125TL OPENC	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CY50RV6	BABAK 130TL OPENC	EUR											
Certificate	DE000CP236H5	BABAK 130TL OPENC	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000CP236J1	BABAK 135TL OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CP233J8	BABAK 135TL OPENC	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CP233K6	BABAK 140TL OPENC	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CP236K9	BABAK 140TL OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CP23K83	BABAK 145TL OPENC	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CP238X8	BABAK 145TL OPENC	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CP238Y6	BABAK 150TL OPENC	EUR											
Certificate	DE000CP23K91	BABAK 150TL OPENC	EUR											
Certificate	DE000VA90095	BABAK 156TL OPENV	EUR											
Certificate	DE000VA90181	BABAK 161TL OPENV	EUR											
Certificate	NL0013188105	BABAK 165TS OPENH	EUR	0,2100	0,2100	0,1900			0,1900					
Certificate	DE000VA901D7	BABAK 166TL OPENV	EUR											
Certificate	DE000CP069B3	BABAK 170TS OPENC	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	DE000CP069S7	BABAK 170TS OPENC	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000CP23KA0	BABAK 175TS OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CP238Z3	BABAK 175TS OPENC	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000CP06842	BABAK 180TS OPENC	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	DE000CP067J0	BABAK 180TS OPENC	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	NL0013188782	BABAK 180TS OPENH	EUR	0,3400	0,3400	0,3300			0,3300					
Certificate	DE000CP06L00	BABAK 190TS OPENC	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	DE000CP06LG0	BABAK 190TS OPENC	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000CQ58LU9	BABAK 200TS OPENC	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	DE000CQ58W78	BABAK 200TS OPENC	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	DE000CQ58QA0	BABAK 210TS OPENC	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000CY51W00	BABAK 220TS OPENC	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000VA87LA5	BABAK 134.TL OPENV	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	DE000VA87LF4	BABAK 139.TL OPENV	EUR	1,1300	1,3500	1,1300	2068,0000	2	1,2150	1700				
Certificate	DE000VN9G622	BABAK 157.TL OPENV	EUR											
Certificate	NL0011428529	BABAK 39.9TL OPENB	EUR	102,5700	102,5700	102,5700			102,5700					
Certificate	NL0011426457	BABAK 50.9TL OPENB	EUR	93,6700	93,6700	93,6700			93,6700					
Certificate	NL0010872875	BABAK 61.7TL OPENB	EUR	84,9400	84,9400	84,9400			84,9400					
Certificate	NL0011656715	BABAK 72.8TL OPENB	EUR	76,0300	76,0300	76,0300			76,0300					
Certificate	NL0011795463	BABAK 78.2TL OPENB	EUR	71,6300	71,6300	71,6300			71,6300					
Certificate	NL0011910880	BABAK 89.28L OPENB	EUR	57,1100	57,1100	57,1100			57,1100					
Certificate	NL0012104244	BABAK 94.1TL OPENB	EUR	58,7900	58,7900	58,7900			58,7900					



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	NL0012106504	BABAK 99.5TL OPENB	EUR	54,4900	54,4900	54,4900			54,4900					
Certificate	NL0012106660	BABAK102.98L OPENB	EUR	45,0300	45,0300	45,0300			45,0300					
Certificate	DE000CD64F76	BABAK106.1TL OPENZ	EUR	3,9550	4,3000	3,9550	4300,0000	1	4,1150	1000				
Certificate	NL0012118905	BABAK107.4TL OPENB	EUR	48,0700	48,0700	48,0700			48,0700					
Certificate	NL0012107643	BABAK108.38L OPENB	EUR	40,2400	40,2400	40,2400			40,2400					
Certificate	NL0012257778	BABAK112.6TL OPENB	EUR	45,4000	45,4700	43,8700	1362,0000	1	43,8700	30				
Certificate	NL0012121032	BABAK113.78L OPENB	EUR	35,4800	35,4800	35,4800			35,4800					
Certificate	DE000VA8F0J8	BABAK115.9TL OPENV	EUR	3,7350	3,7350	3,7350			3,7350					
Certificate	DE000VA8F3D5	BABAK116.3TL OPENV	EUR	3,2150	3,2150	3,2150			3,2150					
Certificate	DE000VA7TFN9	BABAK118.7TL OPENV	EUR	2,9850	2,9850	2,9850			2,9850					
Certificate	NL0012260533	BABAK119.18L OPENB	EUR	30,7100	30,7100	30,7100			30,7100					
Certificate	NL0012268205	BABAK120.5TL OPENB	EUR	37,5200	37,5200	37,5200			37,5200					
Certificate	DE000VA7TEX1	BABAK120.9TL OPENV	EUR	3,2850	3,2850	3,2850			3,2850					
Certificate	DE000VA7TFQ2	BABAK121.2TL OPENV	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	NL0012261879	BABAK121.78L OPENB	EUR	28,3400	28,3400	28,3400			28,3400					
Certificate	DE000CE6DLY9	BABAK122.4TL OPENZ	EUR	2,5150	2,9300	2,5150	3129,5000	2	2,6750	1100				
Certificate	NL0012267306	BABAK124.48L OPENB	EUR	25,9700	25,9700	25,9700			25,9700					
Certificate	DE000VN9HG18	BABAK124.6TL OPENV	EUR	2,5450	2,5450	2,5450			2,5450					
Certificate	NL0012270466	BABAK125.6TL OPENB	EUR	35,7800	35,7800	33,3900	7156,0000	1	33,3900	200				
Certificate	DE000VA7TC58	BABAK126.2TL OPENV	EUR	2,5400	2,6200	2,3150	11262,2000	7	2,3250	4580				
Certificate	NL0012268817	BABAK129.88L OPENB	EUR	22,3500	22,3500	21,2200	670,5000	1	21,2200	30				
Certificate	NL0013145725	BABAK130.5TL OPENB	EUR	31,5000	31,5000	29,5000	472,5000	1	29,5000	15				
Certificate	DE000VA87F20	BABAK130.9TL OPENV	EUR	2,4750	2,4750	2,4750			2,4750					
Certificate	DE000VA87K98	BABAK131.5TL OPENV	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	DE000CJ3PTW2	BABAK132.2TL OPENZ	EUR	0,8350	0,9150	0,8350			0,9150					
Certificate	NL0013148968	BABAK134.88L OPENB	EUR	17,2300	17,2300	17,2300			17,2300					
Certificate	NL0013159189	BABAK135.5TL OPENB	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000VA6D6Y8	BABAK135.7TL OPENV	EUR											
Certificate	DE000VA87F53	BABAK135.9TL OPENV	EUR	2,0450	2,0450	2,0450			2,0450					
Certificate	DE000VA87LD9	BABAK136.5TL OPENV	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	NL0013148976	BABAK139.88L OPENB	EUR	14,5300	14,5300	12,7800	305,1300	1	12,7800	21				
Certificate	NL0013159197	BABAK140.5TL OPENB	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000VA9CZ09	BABAK140.9TL OPENV	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	DE000VA9C185	BABAK141.7TL OPENV	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	DE000VA90VB6	BABAK144.3TL OPENV	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	NL0013156649	BABAK144.88L OPENB	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	NL0013183668	BABAK145.3TL OPENH	EUR	0,1200	0,1300	0,1200			0,1300					
Certificate	NL0013159205	BABAK145.5TL OPENB	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000VA90R88	BABAK145.9TL OPENV	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000VA90W32	BABAK146.9TL OPENV	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	DE000CJ3QL55	BABAK147.2TL OPENZ	EUR											
Certificate	DE000VA90W65	BABAK149.4TL OPENV	EUR											
Certificate	NL0013158884	BABAK149.88L OPENB	EUR											
Certificate	NL0013159213	BABAK150.5TL OPENB	EUR											
Certificate	DE000VA90XH9	BABAK150.9TL OPENV	EUR											
Certificate	DE000VN9HCL6	BABAK151.1TL OPENV	EUR											
Certificate	DE000VA90YN5	BABAK151.9TL OPENV	EUR											
Certificate	DE000VN9G6W9	BABAK154.5TL OPENV	EUR											
Certificate	NL0013159924	BABAK154.78L OPENB	EUR											
Certificate	NL0013161094	BABAK155.5TL OPENB	EUR											
Certificate	DE000VN9HG00	BABAK155.6TS OPENV	EUR											
Certificate	DE000VN9HFA2	BABAK155.6TS OPENV	EUR											
Certificate	DE000VN9HB28	BABAK158.1TS OPENV	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	NL0013164858	BABAK159.28S OPENB	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000VN9G619	BABAK159.5TL OPENV	EUR											
Certificate	DE000VN9G700	BABAK160.6TS OPENV	EUR	1,5550	1,5550	1,5550			1,5550					
Certificate	DE000VN9HB05	BABAK160.6TS OPENV	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000VN9G9D3	BABAK163.1TS OPENV	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	NL0013164064	BABAK164.28S OPENB	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000VN9G9F8	BABAK165.6TS OPENV	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000VN9G718	BABAK165.6TS OPENV	EUR	2,0250	2,0250	2,0250			2,0250					
Certificate	NL0013162324	BABAK165.8TS OPENB	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000VN9G6P3	BABAK168.1TS OPENV	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	NL0013160930	BABAK169.28S OPENB	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0013182249	BABAK169.9TS OPENH	EUR	0,2600	0,2600	0,2500			0,2500					
Certificate	DE000VA6D6W2	BABAK170.5TS OPENV	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	DE000VA6D6V4	BABAK170.5TS OPENV	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	DE000VN9G657	BABAK173.1TS OPENV	EUR	1,9350	1,9350	1,9350			1,9350					
Certificate	NL0012995518	BABAK174.28S OPENB	EUR	21,1800	21,1800	21,1800			21,1800					
Certificate	DE000VA6D542	BABAK175.5TS OPENV	EUR	2,9550	2,9550	2,9550			2,9550					
Certificate	DE000VA6D526	BABAK175.5TS OPENV	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	NL0013159395	BABAK175.8TS OPENB	EUR	1,9000	1,9000	1,9000			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	NL0013158975	BABAK179.2BS OPENB	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000VAGD3F4	BABAK180.5TS OPENV	EUR	2,5950	2,5950	2,5950			2,5950					
Certificate	DE000VAGD3G2	BABAK180.5TS OPENV	EUR	3,4150	3,4150	3,4150			3,4150					
Certificate	DE000VA3PWR2	BABAK184.3TL OPENV	EUR											
Certificate	DE000VA3PWX0	BABAK184.3TL OPENV	EUR											
Certificate	DE000VASRMX2	BABAK185.5TS OPENV	EUR	3,8850	3,8850	3,8850			3,8850					
Certificate	DE000VASRMV6	BABAK185.5TS OPENV	EUR	3,0350	3,0350	3,0350			3,0350					
Certificate	NL0013159403	BABAK185.8TS OPENB	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000VA4YXY6	BABAK190.5TS OPENV	EUR	4,3450	4,3450	4,3450			4,3450					
Certificate	DE000VA4YXX8	BABAK190.5TS OPENV	EUR	3,4850	3,4850	3,4850			3,4850					
Certificate	DE000VA4YXK5	BABAK195.5TS OPENV	EUR	3,9250	3,9250	3,9250			3,9250					
Certificate	DE000VA4YXL3	BABAK195.5TS OPENV	EUR	4,8150	4,8150	4,8150			4,8150					
Certificate	NL0013161169	BABAK195.8TS OPENB	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000VA3TJ06	BABAK200.5TS OPENV	EUR	5,2750	5,2750	5,2750			5,2750					
Certificate	DE000VA3TJW1	BABAK200.5TS OPENV	EUR	4,3650	4,3650	4,3650			4,3650					
Certificate	DE000VA3TJX9	BABAK205.5TS OPENV	EUR	4,8050	4,8050	4,8050			4,8050					
Certificate	DE000VA3TJ14	BABAK205.5TS OPENV	EUR	5,7450	5,7450	5,7450			5,7450					
Certificate	DE000VA3PWH3	BABAK210.5TS OPENV	EUR	6,2150	6,2150	6,2150			6,2150					
Certificate	DE000VA3PWJ9	BABAK215.5TS OPENV	EUR	6,6750	6,6750	6,6750			6,6750					
Certificate	DE000CR9RM19	BABAK66.34TL OPENZ	EUR	7,4550	7,6350	7,4550			7,6350					
Certificate	NL00111650213	BABAK69.67BL OPENB	EUR	74,3900	74,3900	74,3900			74,3900					
Certificate	DE000CN6K3P7	BABAK76.95TL OPENZ	EUR	6,5250	6,6950	6,5250			6,6950					
Certificate	NL0011916812	BABAK91.97BL OPENB	EUR	54,6600	54,6600	54,6600			54,6600					
Certificate	DE000CD62MG7	BABAK93.92TL OPENZ	EUR	5,0200	5,1900	5,0200			5,1900					
Certificate	XS1354969286	BABFK STN0424K	EUR											
Certificate	DE000CJ3QS41	BABI 3.592TL OPENZ	EUR	1,7900	1,7900	1,7400			1,7400					
Certificate	DE000CV502M2	BABI 4.391TL OPENZ	EUR	0,9100	0,9100	0,8600			0,8600					
Certificate	DE000CN6F3J7	BAES 4.31TL OPENZ	EUR	0,1650	0,1650	0,1500			0,1500					
Certificate	DE000CJ3QJ24	BAES 3.308TL OPENZ	EUR	0,7150	0,7150	0,6900			0,6900					
Certificate	DE000CR9QHP6	BAES 3.856TL OPENZ	EUR	0,4150	0,4150	0,3900			0,3900					
Certificate	DE000CQ58ZS3	BAIDU 140TL OPENC	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000CX00Q50	BAIDU 140TL OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CP235Q8	BAIDU 140TL OPENC	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000CX01LM3	BAIDU 150TL OPENC	EUR	0,7700	0,7700	0,5900	366,5500	2	0,5900	515				
Certificate	DE000CX01N29	BAIDU 150TL OPENC	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CP23R11	BAIDU 160TL OPENC	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000CP06503	BAIDU 180TL OPENC	EUR											
Certificate	DE000CP239Y4	BAIDU 180TL OPENC	EUR											
Certificate	DE000CV50VH7	BAIDU 180TL OPENC	EUR											
Certificate	DE000CP232Y9	BAIDU 200TS OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CP235R6	BAIDU 200TS OPENC	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000CP06UE6	BAIDU 220TS OPENC	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000CP07AW8	BAIDU 220TS OPENC	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	DE000CQ58BU7	BAIDU 240TL OPENC	EUR											
Certificate	DE000CQ58BVH5	BAIDU 240TS OPENC	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	DE000CQ58TN7	BAIDU 240TS OPENC	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	DE000CQ58BV1	BAIDU 250TS OPENC	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	DE000CP06123	BAIDU 260TS OPENC	EUR	7,3100	7,3100	7,3100			7,3100					
Certificate	DE000CP062W4	BAIDU 260TS OPENC	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	DE000CQ580Y0	BAIDU 270TS OPENC	EUR											
Certificate	DE000CQ580Z7	BAIDU 280TS OPENC	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	DE000CQ5ASV6	BAIDU 290TS OPENC	EUR	9,6900	9,6900	9,6900			9,6900					
Certificate	NL0012033617	BAIDU 175.BL OPENB	EUR											
Certificate	NL0013163959	BAIDU 175.BL OPENB	EUR											
Certificate	NL0013002173	BAIDU 234.BS OPENB	EUR	5,1950	5,1950	5,1950			5,1950					
Certificate	NL0011900717	BAIDU137.3TL OPENB	EUR											
Certificate	NL0011539853	BAIDU148.2TL OPENB	EUR	3,7450	3,7450	3,7450			3,7450					
Certificate	NL0012032155	BAIDU151.2BL OPENB	EUR	2,4750	2,4750	2,4750			2,4750					
Certificate	NL0011909585	BAIDU166.8BL OPENB	EUR	1,3500	1,5450	1,1050	2850,0000	2	1,1050	2000				
Certificate	NL0011915111	BAIDU169.7TL OPENB	EUR	2,0050	2,0050	2,0050			2,0050					
Certificate	NL0013161102	BAIDU179.7TL OPENB	EUR											
Certificate	NL0013160872	BAIDU183.7BL OPENB	EUR											
Certificate	NL0013163223	BAIDU192.5BS OPENB	EUR	1,5250	1,5250	1,5250			1,5250					
Certificate	NL0013149685	BAIDU201.8TS OPENB	EUR	4,1450	4,1450	4,1450			4,1450					
Certificate	NL0013149073	BAIDU202.1BS OPENB	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	NL0013006240	BAIDU212.2BS OPENB	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	NL0013005531	BAIDU221.8TS OPENB	EUR	6,1150	6,1150	6,1150			6,1150					
Certificate	NL0012986707	BAIDU241.9TS OPENB	EUR	8,0850	8,0850	8,0850			8,0850					
Certificate	NL0012795884	BAM LEVOPENZ	EUR	11,8200	11,8200	11,8200			11,8200					
Certificate	NL0012795926	BAM SHROPENZ	EUR											
Certificate	NL0010009213	BAM 1TL OPENB	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	NL0010009205	BAM 1.5TL OPENB	EUR	1,1800	1,1800	1,1800			1,1800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011041744	BAM 2.2TL OPENH	EUR	0,5100	0,5700	0,5100	156,0000	3	0,5700	300				
Certificate	NL0010923975	BAM 2.3TL OPENB	EUR	0,3700	0,4300	0,3700			0,4300					
Certificate	NL0013190606	BAM 2.7TS OPENH	EUR	0,7700	0,7700	0,7500			0,7500					
Certificate	NL0012796171	BAM 3.68ON0619Z	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0012796189	BAM 3.68ON0919Z	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0012894604	BAM 3.6TS OPENH	EUR	1,8400	1,8400	1,8100			1,8100					
Certificate	NL0012891683	BAM 3.7TS OPENH	EUR	1,9500	1,9500	1,9300			1,9300					
Certificate	NL0012796460	BAM 3.98OC0919Z	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	NL0012796478	BAM 4.18OC1219Z	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	NL0012795272	BAM 4.48ON0319Z	EUR											
Certificate	NL0013162167	BAM 1.25TL OPENB	EUR	1,2900	1,3500	1,2900			1,3500					
Certificate	NL0013017072	BAM 1.78TL OPENB	EUR	0,8300	0,8900	0,8300			0,8900					
Certificate	DE000CJ3QF22	BAM 1.86TL OPENZ	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	DE000CJ3QY76	BAM 2.01TL OPENZ	EUR	0,4900	0,4900	0,4650	240,1000	1	0,4650	490				
Certificate	NL0010899019	BAM 2.02TL OPENB	EUR	0,6100	0,7000	0,6100	1205,0000	2	0,6800	1750				
Certificate	DE000CV4YY88	BAM 2.21TL OPENZ	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	DE000CV4YY96	BAM 2.46TL OPENZ	EUR											
Certificate	LU1840980830	BAM 2.47TCIOPENS	EUR											
Certificate	NL0011816095	BAM 2.51BL OPENB	EUR											
Certificate	NL0010931093	BAM 2.56TL OPENB	EUR											
Certificate	NL0013155286	BAM 2.61BL OPENB	EUR											
Certificate	NL0013189517	BAM 2.66TL OPENH	EUR											
Certificate	NL0013188790	BAM 2.66TL OPENH	EUR											
Certificate	NL0013162647	BAM 2.78TS OPENB	EUR	0,7600	0,7600	0,7100			0,7100					
Certificate	NL0013153810	BAM 3.03TS OPENB	EUR	1,0500	1,0500	1,0000			1,0000					
Certificate	NL0013180839	BAM 3.11TS OPENH	EUR	1,2600	1,2600	1,2400			1,2400					
Certificate	NL0013010176	BAM 3.28TS OPENB	EUR	1,3300	1,3300	1,2800			1,2800					
Certificate	NL0012796999	BAM 3.29B0C0619Z	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	NL0012900252	BAM 3.42TS OPENH	EUR	1,6200	1,6200	1,6000			1,6000					
Certificate	NL0013110265	BAM 3.43B0C0919Z	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0012900245	BAM 3.52TS OPENH	EUR	1,7400	1,7400	1,7100			1,7100					
Certificate	NL0012995229	BAM 3.53TS OPENB	EUR	1,6200	1,6200	1,5700			1,5700					
Certificate	NL0013110273	BAM 3.57B0C1219Z	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CV8B3N4	BAM 3.71TL OPENZ	EUR											
Certificate	NL0012796197	BAM 3.75B0N1219Z	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0012992648	BAM 3.78TS OPENB	EUR	1,9000	1,9000	1,8500			1,8500					
Certificate	NL0012914683	BAM 3.86TS OPENH	EUR	2,1400	2,1400	2,1200			2,1200					
Certificate	NL0012969760	BAM 4.03TS OPENB	EUR	2,2000	2,2000	2,1500			2,1500					
Certificate	NL0012915425	BAM 4.06TS OPENH	EUR	2,3700	2,3700	2,3500			2,3500					
Certificate	NL0012608509	BAM 4.22TS OPENH	EUR	2,5600	2,5600	2,5400			2,5400					
Certificate	NL0012546717	BAM 4.29TS OPENH	EUR	2,6500	2,6500	2,6300			2,6300					
Certificate	NL0012793004	BAM 4.49B0C1218B	EUR	2,4200	2,4700	2,4200			2,4700					
Certificate	NL0012608491	BAM 4.51TS OPENH	EUR	2,9100	2,9100	2,8900			2,8900					
Certificate	NL0012546709	BAM 4.68TS OPENH	EUR	3,1100	3,1100	3,0800			3,0800					
Certificate	NL0012438204	BAM 4.87TS OPENH	EUR	3,3300	3,3300	3,3100			3,3100					
Certificate	NL0012438196	BAM 5.26TS OPENH	EUR	3,7900	3,7900	3,7700			3,7700					
Certificate	NL0012240501	BAM 5.54TS OPENH	EUR	4,1200	4,1200	4,1000			4,1000					
Certificate	DE000CJ3QTK5	BAM 1.621TL OPENZ	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000CR1HSL8	BAM 1.875TL OPENZ	EUR	0,6000	0,6200	0,5950	4307,0000	6	0,5950	7100				
Certificate	NL0013164015	BAM 2.045BL OPENB	EUR	0,4800	0,5300	0,4800			0,5300					
Certificate	DE000CJ3PAF7	BAM 2.106TL OPENZ	EUR	0,3700	0,4000	0,3650	2256,0000	5	0,3650	6040				
Certificate	NL0013163066	BAM 2.145BL OPENB	EUR	0,3800	0,4300	0,3800			0,4300					
Certificate	NL0011900022	BAM 2.245BL OPENB	EUR	0,2700	0,3300	0,2700	99,0000	1	0,3200	300				
Certificate	DE000CJ3QRY0	BAM 2.251TL OPENZ	EUR	0,1900	0,2400	0,1900	2267,0000	8	0,2250	10800				
Certificate	DE000CR4HAJ4	BAM 2.356TL OPENZ	EUR	0,1400	0,1500	0,1250	160,0000	3	0,1250	1100				
Certificate	NL0013155278	BAM 2.411BL OPENB	EUR											
Certificate	DE000CR4HAK2	BAM 2.475TL OPENZ	EUR											
Certificate	DE000CR6X1L6	BAM 2.583TL OPENZ	EUR											
Certificate	DE000CJ3QE88	BAM 2.683TL OPENZ	EUR											
Certificate	NL0013163355	BAM 2.727BS OPENB	EUR	0,4300	0,4300	0,3700			0,3700					
Certificate	DE000CJ3QVA2	BAM 2.779TS OPENZ	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	NL0013154008	BAM 2.977BS OPENB	EUR	0,6800	0,6800	0,6200			0,6200					
Certificate	DE000CJ3QE96	BAM 3.032TS OPENZ	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	NL0013150519	BAM 3.227BS OPENB	EUR	0,9300	0,9300	0,8700			0,8700					
Certificate	DE000CJ3PAG5	BAM 3.284TS OPENZ	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	NL0012994909	BAM 3.476BS OPENB	EUR	1,1800	1,1800	1,1200			1,1200					
Certificate	DE000CV8B9X0	BAM 3.532TS OPENZ	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	NL0012992325	BAM 3.723BS OPENB	EUR	1,4400	1,4400	1,3700	2880,0000	1	1,3700	2000				
Certificate	DE000CV89DU2	BAM 4.024TS OPENZ	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	DE000CE6CQG7	BAR 65.5TL OPENZ	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	NL0013155427	BAR 104.5BS OPENB	EUR	0,8250	0,8250	0,6650			0,6650					
Certificate	NL0013006737	BAR 114.5BS OPENB	EUR	1,8150	1,8150	1,6550			1,6550					



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	NL0013006745	BAR 124.48S OPENB	EUR	2,8150	2,8150	2,6550			2,6550					
Certificate	DE000CJ3QJ7	BAR 58.52TL OPENZ	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000CE6CQF9	BAR 73.18TL OPENZ	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000CE6EMB3	BAR 79.63TL OPENZ	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0013016397	BAR 83.82BL OPENB	EUR	1,7250	1,8450	1,7250			1,8450					
Certificate	DE000CV4Z4N8	BAR 87.15TL OPENZ	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0013008642	BAR 88.84BL OPENB	EUR	1,2250	1,3450	1,2250			1,3450					
Certificate	NL0013013279	BAR 93.86BL OPENB	EUR	0,7250	0,8450	0,7250			0,8450					
Certificate	DE000CJ3PRT2	BAR 95.16TL OPENZ	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CQ5A198	BARIK 15TS OPENC	EUR	0,0900	0,0900	0,0900			0,0900					
Certificate	DE000CY51V68	BARIK 16TS OPENC	EUR	0,1600	0,1600	0,1600			0,1600					
Certificate	DE000CN6EWL0	BARIK 6.97TL OPENZ	EUR	6,4350	6,4350	6,3750			6,3750					
Certificate	DE000CN6GT09	BARIK 8.29TL OPENZ	EUR	5,3450	5,3450	5,2850			5,2850					
Certificate	DE000CV8BE77	BARIK 9.36TL OPENZ	EUR	4,4650	4,4650	4,3950			4,3950					
Certificate	DE000CJ3NTZ0	BARIK10.85TL OPENZ	EUR	3,2150	3,2150	3,1450			3,1450					
Certificate	DE000CJ3QJE9	BARIK12.37TL OPENZ	EUR	1,9650	1,9650	1,8850			1,8850					
Certificate	DE000CR9S837	BARN 1071TL OPENZ	EUR	4,7800	4,8750	4,7800			4,8750					
Certificate	DE000CD61W52	BARN 1201TL OPENZ	EUR	3,6300	3,7150	3,6300			3,7150					
Certificate	DE000CE6F8D8	BARN 1429TL OPENZ	EUR	1,6100	1,7050	1,6100			1,7050					
Certificate	DE000CR6YPL8	BARN 967.9TL OPENZ	EUR	5,7000	5,7800	5,7000			5,7800					
Certificate	NL0012846984	BASF 99TS OPENH	EUR	4,7400	4,7700	4,7400			4,7700					
Certificate	NL0012208326	BASF 110TS OPENH	EUR	5,9200	5,9500	5,9200			5,9500					
Certificate	NL0009169655	BASF 8.6TL OPENB	EUR	5,1150	5,1250	5,1150			5,1250					
Certificate	NL0009179464	BASF 16.6TL OPENB	EUR	4,3750	4,3750	4,3750			4,3750					
Certificate	NL0009262054	BASF 21.3TL OPENB	EUR	3,9350	3,9350	3,9350			3,9350					
Certificate	NL0010130555	BASF 44.1TL OPENB	EUR	1,8050	1,8150	1,8050			1,8150					
Certificate	NL0011052535	BASF 47.5TL OPENH	EUR	1,4800	1,4800	1,4700			1,4700					
Certificate	NL0010133468	BASF 47.9TL OPENB	EUR	1,4650	1,4650	1,4400	496,8000	1	1,4650	345				
Certificate	NL0013011695	BASF 52.9TL OPENB	EUR	0,9850	0,9950	0,9850			0,9950					
Certificate	DE000CR1K455	BASF 54.2TL OPENZ	EUR	0,4950	0,5000	0,4950			0,5000					
Certificate	NL0011720685	BASF 54.6TL OPENH	EUR	0,8100	0,8100	0,8000			0,8000					
Certificate	NL0013011703	BASF 57.9TL OPENB	EUR											
Certificate	DE000CN6KKN8	BASF 60.1TL OPENZ	EUR											
Certificate	NL0011889605	BASF 60.5TL OPENH	EUR											
Certificate	NL0011893516	BASF 62.6TL OPENH	EUR											
Certificate	NL0013012164	BASF 62.9TL OPENB	EUR											
Certificate	NL0013165434	BASF 63.9TS OPENB	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	NL0013158116	BASF 67.4BS OPENB	EUR	0,9000	0,9000	0,8950	1800,0000	1	0,8950	2000				
Certificate	NL0013158330	BASF 68.9TS OPENB	EUR	1,5250	1,5250	1,5250			1,5250					
Certificate	NL0013133028	BASF 71.4TS OPENH	EUR	1,7700	1,8000	1,7700			1,8000					
Certificate	NL0013010002	BASF 73.9TS OPENB	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	NL0012906978	BASF 78.4TS OPENH	EUR	2,5200	2,5500	2,5200			2,5500					
Certificate	NL0013005549	BASF 78.9TS OPENB	EUR	2,6050	2,6050	2,5950			2,5950					
Certificate	NL0012935621	BASF 81.4TS OPENH	EUR	2,8400	2,8700	2,8400			2,8700					
Certificate	NL0012933196	BASF 83.5TS OPENH	EUR	3,0700	3,1000	3,0700			3,1000					
Certificate	NL0012988737	BASF 83.7TS OPENB	EUR	3,1250	3,1250	3,1250			3,1250					
Certificate	NL0012919609	BASF 85.4TS OPENH	EUR	3,2700	3,3000	3,2700			3,3000					
Certificate	NL0012916969	BASF 87.3TS OPENH	EUR	3,4800	3,5100	3,4800			3,5100					
Certificate	NL0012864532	BASF 89.3TS OPENH	EUR	3,6900	3,7200	3,6900			3,7200					
Certificate	NL0012862312	BASF 91.2TS OPENH	EUR	3,9000	3,9300	3,9000			3,9300					
Certificate	NL0012846992	BASF 93.1TS OPENH	EUR	4,1000	4,1300	4,1000			4,1300					
Certificate	NL0012558225	BASF 93.8TS OPENH	EUR	4,1800	4,2100	4,1800			4,2100					
Certificate	NL0011052469	BASF 100.4TS OPENH	EUR	4,8800	4,9100	4,8800			4,9100					
Certificate	DE000CJ3QY27	BASF 38.75TL OPENZ	EUR	2,0250	2,0300	2,0250			2,0300					
Certificate	NL0013164809	BASF 45.34BL OPENB	EUR	1,4450	1,4550	1,4450			1,4550					
Certificate	DE000CN6H848	BASF 48.75TL OPENZ	EUR	1,0350	1,0400	1,0350			1,0400					
Certificate	NL0013163025	BASF 49.34BL OPENB	EUR	1,0450	1,0550	1,0450			1,0550					
Certificate	NL0013016405	BASF 53.34BL OPENB	EUR	0,6450	0,6550	0,6450			0,6550					
Certificate	NL0013011323	BASF 57.35BL OPENB	EUR											
Certificate	NL0013007594	BASF 61.35BL OPENB	EUR											
Certificate	NL0013006976	BASF 75.39BS OPENB	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	NL0012998504	BASF 83.33BS OPENB	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	NL0012998512	BASF 91.27BS OPENB	EUR	3,2850	3,2850	3,2750			3,2750					
Certificate	NL0009706761	BASKE2.632STN0524V	EUR	106,1500	106,1500	106,1500			106,1500					
Certificate	NL0000290328	BASKT PI OPENN	EUR	14,1000	14,4400	14,1000			14,4400					
Certificate	XS1193698435	BASKT STN0825K	EUR											
Certificate	XS1396707280	BASKT STN0923K	SEK											
Certificate	XS1396707447	BASKT STN0925K	SEK											
Certificate	XS0868034884	BASKT STN1232R	EUR											
Certificate	DE000CJ3P9A2	BATS 20.08TL OPENZ	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CJ3NNE8	BATS 23.61TL OPENZ	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	NL0013018021	BAYER 57TL OPENB	EUR	0,8550	1,0050	0,8500	6950,0000	3	1,0050	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	NL0013015571	BAYER 78TS OPENB	EUR	2,2750	2,2750	2,1150			2,1150					
Certificate	NL0013129679	BAYER 24.3TL OPENH	EUR	3,8900	4,0200	3,8900			4,0200					
Certificate	NL0012911804	BAYER 30.3TL OPENH	EUR	3,3300	3,4600	3,3300	2542,5000	1	3,4600	750				
Certificate	NL0012911796	BAYER 36.3TL OPENH	EUR	2,7700	2,8900	2,7700			2,8900					
Certificate	NL0012911788	BAYER 42.4TL OPENH	EUR	2,2000	2,3300	2,2000			2,3300					
Certificate	NL0011713052	BAYER 49.3TL OPENH	EUR	1,5800	1,7000	1,5800			1,7000					
Certificate	NL0013154545	BAYER 54.3TL OPENB	EUR	1,1050	1,2550	1,1050			1,2550					
Certificate	NL0011413497	BAYER 55.7TL OPENH	EUR	0,9700	1,1800	0,9700	1188,0000	3	1,1000	1100				
Certificate	NL0013124381	BAYER 59.4TL OPENH	EUR	0,6200	0,8200	0,6200	3558,1600	5	0,7400	4388				
Certificate	NL0013015829	BAYER 59.8TL OPENB	EUR	0,5950	0,8000	0,5950	4000,0000	1	0,7450	5000				
Certificate	NL0013185960	BAYER 62.4TL OPENH	EUR											
Certificate	NL0013160575	BAYER 62.8TL OPENB	EUR											
Certificate	NL0013189525	BAYER 65.2TL OPENH	EUR											
Certificate	NL0013191323	BAYER 65.2TS OPENH	EUR	0,8600	0,8600	0,7500			0,7500					
Certificate	NL0013188113	BAYER 65.3TL OPENH	EUR											
Certificate	NL0013162449	BAYER 67.4TS OPENB	EUR	1,1350	1,1350	0,9750			0,9750					
Certificate	NL0013181688	BAYER 68.2TS OPENH	EUR	1,1800	1,1800	1,0700			1,0700					
Certificate	NL0013153364	BAYER 70.8TS OPENB	EUR	1,4850	1,4850	1,3350			1,3350					
Certificate	NL0013187057	BAYER 71.2TS OPENH	EUR	1,5100	1,5100	1,4000			1,4000					
Certificate	NL0013015993	BAYER 74.2TS OPENB	EUR	1,8650	1,8650	1,7050			1,7050					
Certificate	NL0012901417	BAYER 79.7TS OPENH	EUR	2,4200	2,4200	2,3100			2,3100					
Certificate	NL0012995146	BAYER 82.1TS OPENB	EUR	2,7050	2,7050	2,5550			2,5550					
Certificate	NL0012923601	BAYER 96.9TS OPENH	EUR	4,2600	4,2600	4,1600			4,1600					
Certificate	NL0012916977	BAYER 98.8TS OPENH	EUR	4,4700	4,4700	4,3700			4,3700					
Certificate	NL0012911697	BAYER100.7TS OPENH	EUR	4,6800	4,6800	4,5700			4,5700					
Certificate	NL0012911689	BAYER102.7TS OPENH	EUR	4,8900	4,8900	4,7800			4,7800					
Certificate	NL0012911671	BAYER104.7TS OPENH	EUR	5,1000	5,1000	5,0000			5,0000					
Certificate	NL0012911663	BAYER106.7TS OPENH	EUR	5,3100	5,3100	5,2100			5,2100					
Certificate	NL0012522361	BAYER116.8TS OPENH	EUR	6,5100	6,5100	6,4000			6,4000					
Certificate	NL0011229943	BAYER121.5TS OPENH	EUR	7,0200	7,0200	6,9100			6,9100					
Certificate	NL0012911655	BAYER130.4TS OPENH	EUR	7,8600	7,8600	7,7600			7,7600					
Certificate	NL0012911648	BAYER136.3TS OPENH	EUR	8,5000	8,5000	8,3900			8,3900					
Certificate	NL0012911630	BAYER142.2TS OPENH	EUR	9,1400	9,1400	9,0300			9,0300					
Certificate	NL0012911622	BAYER148.2TS OPENH	EUR	9,7700	9,7700	9,6700			9,6700					
Certificate	NL0012911614	BAYER154.1TS OPENH	EUR	10,4100	10,4100	10,3100			10,3100					
Certificate	NL0011406897	BBVA 7.6TS OPENH	EUR	3,8400	3,9800	3,8400			3,9800					
Certificate	DE000CJ3QY35	BBVA 3.04TL OPENZ	EUR	1,5900	1,5900	1,4800			1,4800					
Certificate	NL0011406905	BBVA 7.42TS OPENH	EUR	3,6500	3,7900	3,6500			3,7900					
Certificate	NL0011406889	BBVA 7.79TS OPENH	EUR	4,0500	4,2000	4,0500			4,2000					
Certificate	NL0011406871	BBVA 7.97TS OPENH	EUR	4,2500	4,4000	4,2500			4,4000					
Certificate	DE000CV8AWD1	BBVA 3.537TL OPENZ	EUR	1,1000	1,1000	0,9900			0,9900					
Certificate	DE000CV89B50	BBVA 4.044TL OPENZ	EUR	0,5900	0,5900	0,4900			0,4900					
Certificate	DE000CD61TB5	BBVA 4.547TL OPENZ	EUR	0,1000	0,1000	0,1000			0,1000					
Certificate	DE000CJ3N1J2	BCART 6.13TL OPENZ	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CJ3NVH4	BCART 7.03TL OPENZ	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CV42MD8	BCART 7.93TL OPENZ	EUR	0,8000	0,8000	0,7400	480,0000	1	0,7400	600				
Certificate	DE000CV42MC0	BCART 9.05TL OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CV42MB2	BCART10.16TL OPENZ	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000CJ3QM47	BCART11.07TL OPENZ	EUR											
Certificate	DE000CE6C5Q9	BEFB 40.8TL OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000CV89FN2	BEFB 31.31TL OPENZ	EUR	2,1850	2,1850	2,1850			2,1850					
Certificate	DE000CE6C5R7	BEFB 35.57TL OPENZ	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	DE000CE6C4B4	BEFB 46.01TL OPENZ	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	NL0011054937	BEIER 62.2TL OPENH	EUR	3,5100	3,6600	3,5100			3,6600					
Certificate	NL0011713102	BEIER 68.3TL OPENH	EUR	2,9400	3,0900	2,9400			3,0900					
Certificate	NL0012936140	BEIER101.6TS OPENH	EUR	1,6200	1,6200	1,5900			1,5900					
Certificate	NL0012580674	BEIER104.6TS OPENH	EUR	1,9500	1,9500	1,9200			1,9200					
Certificate	NL0012847974	BEIER104.6TS OPENH	EUR	1,9400	1,9400	1,9200			1,9200					
Certificate	NL0012555593	BEIER105.3TS OPENH	EUR	2,0200	2,0200	1,9900			1,9900					
Certificate	NL0011417209	BEIER110.1TS OPENH	EUR	2,5300	2,5300	2,5100			2,5100					
Certificate	NL0012847966	BEIER114.4TS OPENH	EUR	3,0000	3,0000	2,9800			2,9800					
Certificate	NL0011417191	BEIER117.5TS OPENH	EUR	3,3300	3,3300	3,3100			3,3100					
Certificate	NL0012864540	BEIER126.4TS OPENH	EUR	4,2900	4,2900	4,2700			4,2700					
Certificate	DE000CR9Q039	BEIER66.12TL OPENZ	EUR	2,7150	2,8100	2,7150			2,8100					
Certificate	NL0011417282	BEIER70.45TL OPENH	EUR	2,7400	2,8900	2,7400			2,8900					
Certificate	DE000CR6XYD9	BEIER74.12TL OPENZ	EUR	1,9150	2,0100	1,9150			2,0100					
Certificate	NL0011417274	BEIER74.66TL OPENH	EUR	2,3400	2,5000	2,3400			2,5000					
Certificate	NL0012052120	BEIER78.53TL OPENH	EUR	1,9800	2,1300	1,9800			2,1300					
Certificate	NL0012057921	BEIER80.79TL OPENH	EUR	1,7700	1,9200	1,7700			1,9200					
Certificate	NL0012095475	BEIER82.83TL OPENH	EUR	1,5800	1,7300	1,5800			1,7300					
Certificate	DE000CE6BPF3	BEIER83.05TL OPENZ	EUR	1,0250	1,1200	1,0250			1,1200					
Certificate	NL0012178842	BEIER84.83TL OPENH	EUR	1,3900	1,5500	1,3900			1,5500					



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	NL0012600910	BEIER87.55TL OPENH	EUR	1,1400	1,2900	1,1400			1,2900					
Certificate	NL0013187065	BEIER92.15TL OPENH	EUR											
Certificate	NL0013079148	BEIER95.63TS OPENH	EUR											
Certificate	NL0013079270	BEIER97.63TS OPENH	EUR	1,2000	1,2000	1,1700			1,1700					
Certificate	NL0012897805	BEIER99.91TS OPENH	EUR	1,4400	1,4400	1,4200			1,4200					
Certificate	NL0012372296	BEKB 42TS OPENH	EUR	2,8100	2,8300	2,8100			2,8300					
Certificate	NL0012199632	BEKB 50TS OPENH	EUR	3,7600	3,7800	3,7600			3,7800					
Certificate	NL0011049853	BEKB 17.5TL OPENH	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	NL0013128218	BEKB 18.9TL OPENH	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	NL0013192313	BEKB 19.7TL OPENH	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	NL0013192305	BEKB 20.7TL OPENH	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	NL0013182744	BEKB 20.8TL OPENH	EUR											
Certificate	NL0013187305	BEKB 22.3TL OPENH	EUR											
Certificate	NL0013192297	BEKB 22.7TS OPENH	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	NL0013190614	BEKB 23.2TS OPENH	EUR	0,6000	0,6200	0,6000			0,6200					
Certificate	NL0013188121	BEKB 23.7TL OPENH	EUR											
Certificate	NL0012931059	BEKB 24.2TS OPENH	EUR	0,7200	0,7400	0,7200			0,7400					
Certificate	NL0012933782	BEKB 24.7TS OPENH	EUR	0,7800	0,8000	0,7800			0,8000					
Certificate	NL0012931042	BEKB 25.2TS OPENH	EUR	0,8400	0,8600	0,8400			0,8600					
Certificate	NL0012928345	BEKB 27.7TS OPENH	EUR	1,1300	1,1500	1,1300			1,1500					
Certificate	NL0012925754	BEKB 28.2TS OPENH	EUR	1,1800	1,2000	1,1800			1,2000					
Certificate	NL0012923007	BEKB 28.7TS OPENH	EUR	1,2500	1,2700	1,2500			1,2700					
Certificate	NL0012919625	BEKB 29.2TS OPENH	EUR	1,3100	1,3300	1,3100			1,3300					
Certificate	NL0012914758	BEKB 29.7TS OPENH	EUR	1,3700	1,3900	1,3700			1,3900					
Certificate	NL0012914741	BEKB 30.2TS OPENH	EUR	1,4200	1,4400	1,4200			1,4400					
Certificate	NL0012915433	BEKB 30.7TS OPENH	EUR	1,4800	1,5000	1,4800			1,5000					
Certificate	NL0012911812	BEKB 32.2TS OPENH	EUR	1,6500	1,6800	1,6500			1,6800					
Certificate	NL0012909360	BEKB 34.2TS OPENH	EUR	1,9000	1,9200	1,9000			1,9200					
Certificate	NL0012599989	BEKB 35.2TS OPENH	EUR	2,0100	2,0300	2,0100			2,0300					
Certificate	NL0012590954	BEKB 36.1TS OPENH	EUR	2,1200	2,1400	2,1200			2,1400					
Certificate	NL0012592406	BEKB 37.1TS OPENH	EUR	2,2400	2,2600	2,2400			2,2600					
Certificate	NL0012586424	BEKB 38.1TS OPENH	EUR	2,3500	2,3700	2,3500			2,3700					
Certificate	NL0012374763	BEKB 39.9TS OPENH	EUR	2,5700	2,5900	2,5700			2,5900					
Certificate	NL0012584452	BEKB 40.9TS OPENH	EUR	2,6900	2,7100	2,6900			2,7100					
Certificate	NL0012372288	BEKB 43.9TS OPENH	EUR	3,0400	3,0600	3,0400			3,0600					
Certificate	NL0011740808	BEKB 46.9TS OPENH	EUR	3,3900	3,4100	3,3900			3,4100					
Certificate	NL0012197396	BEKB 51.9TS OPENH	EUR	3,9800	4,0000	3,9800			4,0000					
Certificate	NL0012313928	BEKB 57.3TS OPENH	EUR	4,6100	4,6300	4,6100			4,6300					
Certificate	NL0012368054	BEKB 57.4TS OPENH	EUR	4,6200	4,6400	4,6200			4,6400					
Certificate	NL0013011331	BEKB 13.12BL OPENB	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	DE000CJ3N8W0	BEKB 13.23TL OPENZ	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	NL0013006901	BEKB 15.12BL OPENB	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CV8AY82	BEKB 15.19TL OPENZ	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CJ3PMZ0	BEKB 16.68TL OPENZ	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	NL0012992820	BEKB 17.13BL OPENB	EUR	0,9400	0,9500	0,9400			0,9500					
Certificate	DE000CJ3PZ27	BEKB 18.73TL OPENZ	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	NL0013147184	BEKB 19.13BL OPENB	EUR	0,5400	0,5500	0,5400			0,5500					
Certificate	DE000CJ3QHC7	BEKB 20.71TL OPENZ	EUR											
Certificate	NL0013158405	BEKB 21.14BL OPENB	EUR											
Certificate	NL0013163231	BEKB 23.23BS OPENB	EUR	0,4700	0,4700	0,4600			0,4600					
Certificate	NL0012993083	BEKB 27.23BS OPENB	EUR	1,2700	1,2700	1,2600			1,2600					
Certificate	NL0013160179	BEKB 31.22BS OPENB	EUR	2,0700	2,0700	2,0600			2,0600					
Certificate	NL0006467441	BEL 780TL OPENB	EUR	25,7500	25,7500	25,7500			25,7500					
Certificate	NL0009998731	BEL 1360TL OPENB	EUR	20,1200	20,1200	20,1200			20,1200					
Certificate	NL0010898466	BEL 2470TL OPENB	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	NL0010898482	BEL 2690TL OPENB	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	NL0010912051	BEL 2800TL OPENB	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	NL0011648431	BEL 2910TL OPENB	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	NL0011901962	BEL 3030TL OPENB	EUR	3,7500	4,1900	3,7500	15820,0000	5	3,9700	4000				
Certificate	NL0011909189	BEL 3140TL OPENB	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0012030019	BEL 3240TL OPENB	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0012499214	BEL 4070TS OPENB	EUR	8,6100	8,6100	8,6100			8,6100					
Certificate	NL0012499909	BEL 4170TS OPENB	EUR	9,7800	9,7800	9,6300	1467,0000	1	9,6300	150				
Certificate	NL0009064757	BEL20 160TL OPENB	EUR	31,8200	31,8200	31,8200			31,8200					
Certificate	NL0009070978	BEL20 1130TL OPENB	EUR	22,4400	22,4400	22,4400			22,4400					
Certificate	NL0009172469	BEL20 1250TL OPENB	EUR	21,2500	21,2500	21,2500			21,2500					
Certificate	NL0010047973	BEL20 1480TL OPENB	EUR	19,0300	19,0300	19,0300			19,0300					
Certificate	NL0010126512	BEL20 1590TL OPENB	EUR	17,9500	17,9500	17,9500			17,9500					
Certificate	NL0010254058	BEL20 1930TL OPENB	EUR	14,6300	14,6300	14,6300			14,6300					
Certificate	NL0010281499	BEL20 2030TL OPENB	EUR	13,6400	13,6400	13,6400			13,6400					
Certificate	NL0010514667	BEL20 2250TL OPENB	EUR	11,6500	11,6500	11,5400	699,0000	2	11,5400	60				
Certificate	NL0010148698	BEL20 2320TL OPENA	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	NL0011036686	BEL20 2340TL OPENH	EUR	10,5100	10,8000	10,5100			10,8000					
Certificate	NL0011231840	BEL20 2460TL OPENH	EUR	9,3600	9,6400	9,3600			9,6400					
Certificate	NL0011054713	BEL20 2460TL OPENH	EUR	9,3300	9,6200	9,3300			9,6200					
Certificate	NL0010606828	BEL20 2470TL OPENB	EUR	9,3200	9,3200	9,3200			9,3200					
Certificate	DE000CV87T63	BEL20 2522TL OPENZ	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	NL0011036678	BEL20 2560TL OPENH	EUR	8,4400	8,7200	8,4400			8,7200					
Certificate	NL0011036660	BEL20 2770TL OPENH	EUR	6,3300	6,6400	6,3300			6,6400					
Certificate	NL0011036652	BEL20 2880TL OPENH	EUR	5,3100	5,6000	5,3100			5,6000					
Certificate	DE000CE6DJP1	BEL20 2926TL OPENZ	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	DE000CE6EVU4	BEL20 3026TL OPENZ	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CE6DKJ2	BEL20 3126TL OPENZ	EUR	0,4100	0,4100	0,3600	1386,0000	2	0,4100	3600				
Certificate	DE000CE6EVT6	BEL20 3225TL OPENZ	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	DE000CE6DJL0	BEL20 3324TL OPENZ	EUR											
Certificate	NL0013145535	BEL20 3340TL OPENB	EUR											
Certificate	NL0013160369	BEL20 3440TL OPENB	EUR											
Certificate	NL0013164338	BEL20 3460TS OPENB	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CJ3QUM9	BEL20 3541TS OPENZ	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	NL0013164346	BEL20 3560TS OPENB	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0013009392	BEL20 3660TS OPENB	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000CV889S0	BEL20 3740TS OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0012995039	BEL20 3760TS OPENB	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	NL0012684161	BEL20 3880TS OPENB	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	DE000CE6DJQ9	BEL20 3939TS OPENZ	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CE6EVV2	BEL20 4058TS OPENZ	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0011591417	BEL20 4060TS OPENH	EUR	8,9300	8,9300	8,6100			8,6100					
Certificate	DE000CE6DJR7	BEL20 4227TS OPENZ	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CE6EVW0	BEL20 4346TS OPENZ	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0012679740	BEL20 4360TS OPENB	EUR	11,6100	11,6100	11,6100			11,6100					
Certificate	DE000CE6DJ55	BEL20 4514TS OPENZ	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CE6E8Q1	BEL20 4712TS OPENZ	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CV4ZC00	BEL20 4830TS OPENZ	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	DE000CV8ACK8	BERKS 165TL 1218Z	EUR	1,7450	1,7450	1,6950			1,6950					
Certificate	DE000CV8ACL6	BERKS 175TL 1218Z	EUR	1,3050	1,3050	1,2550			1,2550					
Certificate	DE000CV8ACM4	BERKS 185TL 1218Z	EUR	0,8750	0,8750	0,8250			0,8250					
Certificate	DE000CV8ARP5	BERKS 195TL 1218Z	EUR	0,4550	0,4550	0,3950			0,3950					
Certificate	NL0010286423	BERKS#####TL OPENB	EUR	12,9200	12,9200	12,9200			12,9200					
Certificate	NL0010653267	BERKS#####TL OPENB	EUR	10,2400	10,2400	10,2400			10,2400					
Certificate	NL0009991884	BERKS#####TL OPENB	EUR	15,8100	15,8100	15,8100			15,8100					
Certificate	NL0010377180	BERKS#####TL OPENB	EUR	11,8600	11,8600	11,8600			11,8600					
Certificate	NL0010126488	BERKS#####TL OPENB	EUR	14,7000	14,7000	14,7000			14,7000					
Certificate	NL0009070663	BERKS#####TL OPENB	EUR	17,9900	17,9900	17,9900			17,9900					
Certificate	NL0009332956	BERKS#####TL OPENB	EUR	16,7800	16,7800	16,7800			16,7800					
Certificate	NL0010281622	BERKS#####TL OPENB	EUR	13,7000	13,7000	13,7000			13,7000					
Certificate	DE000CV8A6E7	BERKS#####TL OPENZ	EUR	0,7950	0,7950	0,6650			0,6650					
Certificate	DE000CJ3QQ92	BERKS#####TL OPENZ	EUR											
Certificate	DE000CV89NQ9	BERKS#####TL OPENZ	EUR	6,1100	6,5400	6,0000	6540,0000	1	6,0000	1000				
Certificate	DE000CV89WW8	BERKS#####TL OPENZ	EUR	7,3800	7,3800	7,2800			7,2800					
Certificate	DE000CR9Q0E9	BERKS#####TL OPENZ	EUR	9,6800	9,6800	9,5900			9,5900					
Certificate	DE000CN6JUK5	BERKS#####TL OPENZ	EUR	7,4400	7,4400	7,3400			7,3400					
Certificate	DE000CV89WX6	BERKS#####TL OPENZ	EUR	10,0500	10,0500	9,9600			9,9600					
Certificate	DE000CV89NS5	BERKS#####TL OPENZ	EUR	3,4550	3,4550	3,3350			3,3350					
Certificate	DE000CR1K5T0	BERKS#####TL OPENZ	EUR	8,8900	8,8900	8,8000			8,8000					
Certificate	DE000CV89YT0	BERKS#####TL OPENZ	EUR	2,1250	2,1250	2,0050			2,0050					
Certificate	DE000CV89NR7	BERKS#####TL OPENZ	EUR	4,7850	4,7850	4,6750			4,6750					
Certificate	DE000CV8A609	BERKS#####TS OPENZ	EUR	7,5400	7,7100	7,5400			7,7100					
Certificate	DE000CV89QQ2	BERKS#####TS OPENZ	EUR	4,8850	5,0400	4,8850			5,0400					
Certificate	DE000CV8BCE9	BERKS#####TS OPENZ	EUR	10,1900	10,3800	10,1900			10,3800					
Certificate	NL0011806781	BERKS106.4TL OPENB	EUR	9,0700	9,0700	9,0700			9,0700					
Certificate	DE000CV89BF7	BERKS122.2TL OPENZ	EUR											
Certificate	NL0011652953	BERKS133.1TL OPENB	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	NL0012023634	BERKS135.6BL OPENB	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	NL0011652961	BERKS139.6TL OPENB	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	NL0011658216	BERKS146.5TL OPENB	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	DE000CJ3P5C6	BERKS177.5TL 0319Z	EUR	1,2350	1,2350	1,1850			1,1850					
Certificate	DE000CJ3P5D4	BERKS187.5TL 0319Z	EUR	0,7950	0,7950	0,7450			0,7450					
Certificate	DE000CV899A7	BERKS239.1TS OPENZ	EUR	1,6050	1,6750	1,4700	955,5000	1	1,6750	650				
Certificate	NL0006476996	BERKS68976TL OPENB	EUR	20,9100	20,9100	20,9100			20,9100					
Certificate	NL0000375046	BERKS86269TL OPENB	EUR	19,4400	19,4400	19,4400			19,4400					
Certificate	LU1859845593	BESI 16TCIOPENS	EUR	1,9100	2,3600	1,9100	2360,0000	1	2,2000	1000				
Certificate	LU1876929974	BESI 18TCIOPENS	EUR											
Certificate	LU1876935195	BESI 20TCIOPENS	EUR											
Certificate	LU1876935278	BESI 21TCIOPENS	EUR	3,4800	3,4800	3,1800			3,1800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011431184	BESI 1.64TL OPENB	EUR	32,9800	32,9800	32,9800			32,9800					
Certificate	NL0011915137	BESI 10.1TL OPENB	EUR	17,2400	17,2400	17,2400			17,2400					
Certificate	DE000CJ3QK07	BESI 18.3TL OPENZ	EUR											
Certificate	NL0011434253	BESI 2.31TL OPENB	EUR	31,7600	31,7600	31,7600			31,7600					
Certificate	DE000CR9SHV0	BESI 2.61TL OPENZ	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000CV8AHB6	BESI 20.5TS OPENZ	EUR	0,2300	0,2750	0,2300	460,0000	1	0,2750	2000				
Certificate	NL0012796585	BESI 22.58OC0919Z	EUR	18,1600	18,1600	18,1600			18,1600					
Certificate	NL0012796593	BESI 23.58OC1219Z	EUR	18,0100	18,0100	18,0100			18,0100					
Certificate	NL0011441613	BESI 3.89TL OPENB	EUR	28,8200	28,8200	28,8200			28,8200					
Certificate	NL0011909296	BESI 9.08TL OPENB	EUR	19,1400	19,1400	19,1400			19,1400					
Certificate	NL0011910245	BESI 9.59TL OPENB	EUR	18,1800	18,1800	18,1800			18,1800					
Certificate	DE000CJ3N6Y0	BESI 11.66TL OPENZ	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	NL0012034086	BESI 12.15TL OPENB	EUR	14,1050	14,1500	13,4200	424,5000	1	13,4200	30				
Certificate	DE000CV8ADT7	BESI 12.33TL OPENZ	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	LU1859834126	BESI 12.92TCIOPENS	EUR	4,9500	5,2400	4,9500			5,2400					
Certificate	NL0012104541	BESI 13.16TL OPENB	EUR	11,5400	11,5400	11,5400			11,5400					
Certificate	DE000CV8AGK9	BESI 13.61TL OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	DE000CV89P16	BESI 14.33TL OPENZ	EUR	0,3800	0,3900	0,3550	39950,0000	6	0,3550	105000				
Certificate	LU1859845320	BESI 14.82TCIOPENS	EUR	3,0700	3,3600	3,0700			3,3600					
Certificate	DE000CJ3PL23	BESI 15.32TL OPENZ	EUR	0,2650	0,2650	0,2650			0,2650					
Certificate	DE000CJ3PRU0	BESI 15.57TL OPENZ	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	NL0013017049	BESI 15.66TL OPENB	EUR	3,1800	3,4400	3,1800	664,0000	1	3,4400	200				
Certificate	DE000CJ3PQT4	BESI 16.32TL OPENZ	EUR	0,1650	0,1650	0,1650			0,1650					
Certificate	DE000CJ3QGH8	BESI 17.32TL OPENZ	EUR											
Certificate	DE000CJ3QRJ1	BESI 18.07TL OPENZ	EUR											
Certificate	NL0013157415	BESI 18.16TL OPENB	EUR											
Certificate	NL0013162456	BESI 19.64TS OPENB	EUR	3,6400	3,6400	3,2500			3,2500					
Certificate	NL0012984629	BESI 22.14TS OPENB	EUR	6,3100	6,3100	5,9200			5,9200					
Certificate	LU1841120196	BESI 22.37TCIOPENS	EUR	4,7700	4,7700	4,4700			4,4700					
Certificate	DE000CV8ADU5	BESI 22.49TS OPENZ	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	DE000CV89Q23	BESI 24.49TS OPENZ	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	DE000CV89MV1	BESI 26.48TS OPENZ	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	DE000CR9RQ23	BESI 3.153TL OPENZ	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	NL0012699045	BESI 44.27TS OPENB	EUR	59,6200	59,6200	59,6200			59,6200					
Certificate	DE000CNGKUL1	BESI 9.363TL OPENZ	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CV886X6	BFIT 23.3TL OPENZ	EUR	3,4750	3,4750	3,4750			3,4750					
Certificate	NL0011904636	BFIT 12.48TL OPENB	EUR	14,1900	14,1900	13,9200			13,9200					
Certificate	NL0011911359	BFIT 14.57TL OPENB	EUR	12,3000	12,3000	12,0300			12,0300					
Certificate	DE000CE6E5U9	BFIT 16.35TL OPENZ	EUR	9,9750	9,9750	9,9750			9,9750					
Certificate	DE000CE6EXL9	BFIT 18.52TL OPENZ	EUR	7,9450	7,9450	7,9450			7,9450					
Certificate	NL0012500334	BFIT 18.61TL OPENB	EUR	8,6300	8,6300	8,3600			8,3600					
Certificate	NL0012511364	BFIT 19.62TL OPENB	EUR	7,7000	7,7000	7,4300			7,4300					
Certificate	NL0012684906	BFIT 20.62TL OPENB	EUR	6,7900	6,7900	6,5200	1992,0000	1	6,5200	300				
Certificate	DE000CV502Y7	BFIT 21.18TL OPENZ	EUR	5,4650	5,4650	5,4650			5,4650					
Certificate	NL0012774269	BFIT 21.61TL OPENB	EUR	5,8900	5,8900	5,6200			5,6200					
Certificate	NL0012785737	BFIT 23.61TL OPENB	EUR	4,0600	4,0600	3,7900			3,7900					
Certificate	NL0012788707	BFIT 24.61TL OPENB	EUR	3,0500	3,0500	2,8800	305,0000	1	2,8800	100				
Certificate	NL0013151939	BFIT 28.12TS OPENB	EUR	5,6500	5,9300	5,6500			5,9300					
Certificate	NL0013005556	BFIT 30.06TS OPENB	EUR	7,8000	8,0800	7,8000			8,0800					
Certificate	NL0013002942	BFIT 32.06TS OPENB	EUR	10,0200	10,3000	10,0200			10,3000					
Certificate	NL0012976963	BFIT 34.02TS OPENB	EUR	12,2000	12,4800	12,2000			12,4800					
Certificate	DE000CE6C4N9	BHPBP10.01TL OPENZ	EUR	0,6150	0,6250	0,6150			0,6250					
Certificate	DE000CE6DTS4	BHPBP11.02TL OPENZ	EUR	1,0100	1,0300	1,0100			1,0300					
Certificate	DE000CE6DYY2	BHPBP12.02TL OPENZ	EUR	0,7900	0,8100	0,7900			0,8100					
Certificate	DE000CV87W92	BHPBP13.02TL OPENZ	EUR	0,5700	0,5900	0,5700			0,5900					
Certificate	DE000CJ3NND0	BHPBP14.52TL OPENZ	EUR	0,2500	0,2600	0,2500			0,2600					
Certificate	DE000CE6C808	BHPBP8.976TL OPENZ	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	DE000CJ3QAK5	BIC 85.1TL OPENZ	EUR	0,1900	0,2200	0,1900			0,2200					
Certificate	DE000CJ3N5F1	BIC 48.05TL OPENZ	EUR	2,0400	2,0600	2,0400			2,0600					
Certificate	DE000CV88152	BIC 56.14TL OPENZ	EUR	1,6400	1,6600	1,6400			1,6600					
Certificate	DE000CE6F629	BIC 66.14TL OPENZ	EUR	1,1400	1,1600	1,1400			1,1600					
Certificate	DE000CJ3PLL2	BIC 75.12TL OPENZ	EUR	0,6900	0,7100	0,6900			0,7100					
Certificate	NL0013188139	BIDU 184TL OPENH	EUR											
Certificate	NL0013191331	BIDU 185TS OPENH	EUR	0,1300	0,1500	0,1300			0,1500					
Certificate	NL0013190622	BIDU 190TS OPENH	EUR	0,1800	0,2000	0,1800			0,2000					
Certificate	DE000CNGJPH1	BIDU 128.2TL OPENZ	EUR	4,4900	4,5200	4,4000	452,0000	1	4,4000	100				
Certificate	DE000CNGJ8Y1	BIDU 140.5TL OPENZ	EUR	3,4200	3,4200	3,3200			3,3200					
Certificate	NL0013184633	BIDU 145.3TL OPENH	EUR	0,3600	0,3600	0,3500			0,3500					
Certificate	DE000CR9RZH3	BIDU 153.8TL OPENZ	EUR	2,2300	2,3000	2,1200	727,0000	3	2,1200	330				
Certificate	NL0013081615	BIDU 161.2TL OPENH	EUR	0,2300	0,2300	0,2100			0,2100					
Certificate	DE000CNGJUI7	BIDU 166.1TL OPENZ	EUR	1,2100	1,2100	1,1000			1,1000					
Certificate	NL0013184625	BIDU 170.3TL OPENH	EUR	0,1500	0,1500	0,1300			0,1300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013184906	BIDU 175.3TL OPENH	EUR											
Certificate	NL0013185978	BIDU 180.2TL OPENH	EUR											
Certificate	NL0013131212	BIDU 197.9TS OPENH	EUR	0,2500	0,2700	0,2500				0,2700				
Certificate	NL0013130891	BIDU 201.9TS OPENH	EUR	0,2900	0,3100	0,2900				0,3100				
Certificate	NL0013079163	BIDU 209.7TS OPENH	EUR	0,3600	0,3800	0,3600				0,3800				
Certificate	NL0013079155	BIDU 213.7TS OPENH	EUR	0,4000	0,4200	0,4000				0,4200				
Certificate	NL0012907844	BIDU 219.7TS OPENH	EUR	0,4500	0,4800	0,4500				0,4800				
Certificate	NL0012907489	BIDU 223.7TS OPENH	EUR	0,4900	0,5100	0,4900				0,5100				
Certificate	NL0012907471	BIDU 227.7TS OPENH	EUR	0,5300	0,5500	0,5300				0,5500				
Certificate	NL0012934962	BIDU 235.3TS OPENH	EUR	0,6200	0,6400	0,6200				0,6400				
Certificate	NL0012907463	BIDU 259.6TS OPENH	EUR	0,8200	0,8500	0,8200				0,8500				
Certificate	DE000CJ3PGJ6	BIIB0231.4TL OPENZ	EUR	1,7950	1,8350	1,7950				1,8350				
Certificate	DE000CV8AG50	BIIB0271.3TL OPENZ	EUR	1,1350	1,1650	1,1350				1,1650				
Certificate	DE000CJ3QQ27	BIIB0311.3TL OPENZ	EUR	0,4450	0,4850	0,4450				0,4850				
Certificate	NL0013015837	BINCK 4TL OPENB	EUR	0,9350	0,9350	0,9350				0,9350				
Certificate	NL0013010994	BINCK 5TS OPENB	EUR	1,1850	1,1850	1,1650				1,1650				
Certificate	NL0010175568	BINCK 3.1TL OPENB	EUR	1,7350	1,7350	1,7350				1,7350				
Certificate	NL0012492250	BINCK 3.4TL OPENB	EUR	1,4950	1,4950	1,4950				1,4950				
Certificate	NL0011900436	BINCK 3.5TL OPENB	EUR	1,3950	1,3950	1,3950				1,3950				
Certificate	NL0012511885	BINCK 3.7TL OPENB	EUR	1,1550	1,1550	1,1550				1,1550				
Certificate	NL0013015340	BINCK 3.9TL OPENB	EUR	1,0250	1,0250	1,0250				1,0250				
Certificate	NL0013018666	BINCK 4.1TL OPENB	EUR	0,8450	0,8450	0,8450				0,8450				
Certificate	NL0013160583	BINCK 4.2TL OPENB	EUR	0,6650	0,6650	0,6650				0,6650				
Certificate	NL0013164460	BINCK 4.3TL OPENB	EUR	0,5750	0,6100	0,5750	18300,0000	3		0,5750	30000			
Certificate	NL0013014533	BINCK 4.7TS OPENB	EUR	0,8650	0,8650	0,8450				0,8450				
Certificate	NL0013159460	BINCK 5.2TS OPENB	EUR	1,3150	1,3150	1,2950				1,2950				
Certificate	DE000CD61ZY4	BINCK 3.09TL OPENZ	EUR	1,5300	1,5300	1,5300				1,5300				
Certificate	NL0011804935	BINCK 3.35BL OPENB	EUR	1,2450	1,2450	1,2450				1,2450				
Certificate	DE000CD61EG6	BINCK 3.41TL OPENZ	EUR	1,2300	1,2300	1,2300				1,2300				
Certificate	DE000CN6JQT4	BINCK 3.78TL OPENZ	EUR	0,8800	0,8800	0,8800				0,8800				
Certificate	DE000CN6JDD6	BINCK 5.77TS OPENZ	EUR	1,6600	1,6600	1,6600				1,6600				
Certificate	NL0011900048	BINCK2.817BL OPENB	EUR	1,7750	1,7750	1,7750				1,7750				
Certificate	NL0013014772	BINCK3.099BL OPENB	EUR	1,4950	1,4950	1,4950				1,4950				
Certificate	DE000CD61C07	BINCK3.535TL OPENZ	EUR	0,9200	0,9200	0,9200				0,9200				
Certificate	NL0011648282	BINCK3.617BL OPENB	EUR	0,9750	0,9850	0,9700	194,0000	1		0,9750	200			
Certificate	NL0012512081	BINCK3.875BL OPENB	EUR	0,7150	0,7250	0,7150				0,7250				
Certificate	DE000CN6JR40	BINCK3.889TL OPENZ	EUR	0,5700	0,5700	0,5700				0,5700				
Certificate	NL0013156672	BINCK4.125BL OPENB	EUR	0,4650	0,4750	0,4650				0,4750				
Certificate	NL0013160880	BINCK4.375BL OPENB	EUR											
Certificate	NL0013010630	BINCK4.852BS OPENB	EUR	0,5050	0,5050	0,4850				0,4850				
Certificate	NL0013004435	BINCK5.349BS OPENB	EUR	1,0050	1,0050	0,9750				0,9750				
Certificate	NL0012776991	BINCK5.845BS OPENB	EUR	1,5050	1,5050	1,4750				1,4750				
Certificate	NL0012986574	BINCK6.832BS OPENB	EUR	2,4850	2,4850	2,4650				2,4650				
Certificate	DE000CR9QY99	BINCK8.162TS OPENZ	EUR	3,6900	3,6900	3,6900				3,6900				
Certificate	DE000CN6KYB4	BION 35.13TL OPENZ	EUR	9,8300	10,4700	9,8300				10,4700				
Certificate	DE000CD61YA7	BION 39.73TL OPENZ	EUR	7,5300	8,1700	7,5300				8,1700				
Certificate	DE000CD63PM6	BION 45.37TL OPENZ	EUR	4,7200	5,3500	4,7200				5,3500				
Certificate	DE000CJ3PQ56	BION 51.37TL OPENZ	EUR	1,7600	2,3850	1,7600				2,3850				
Certificate	NL0009991660	BKAMC 3.69TL OPENB	EUR	18,9100	18,9100	18,9100				18,9100				
Certificate	NL0010254165	BKAMC 9.09TL OPENB	EUR	14,7500	14,7500	14,7500				14,7500				
Certificate	NL0011992805	BKAMC16.58TL OPENH	EUR	8,4800	8,4800	8,4200				8,4200				
Certificate	NL0011995311	BKAMC20.85TS OPENH	EUR											
Certificate	NL0010047213	BKNG 597TL OPENB	EUR	114,1100	114,1100	114,1100				114,1100				
Certificate	NL0010250387	BKNG 657TL OPENB	EUR	109,2000	109,2000	109,2000				109,2000				
Certificate	DE000CJ3N5M7	BKNG 1088TL OPENZ	EUR	6,5200	6,7700	6,5200				6,7700				
Certificate	NL0011905328	BKNG 1349TL OPENB	EUR	52,1900	52,1900	52,1900				52,1900				
Certificate	DE000CV8AXW9	BKNG 1441TL OPENZ	EUR	3,4150	3,6450	3,4150				3,6450				
Certificate	DE000CV89U19	BKNG 1644TL OPENZ	EUR	1,6450	1,8650	1,6450				1,8650				
Certificate	DE000CJ3QC07	BKSCT1.425TL OPENZ	EUR											
Certificate	DE000CV89NV9	BKSCT1.675TL OPENZ	EUR											
Certificate	DE000CV87UH7	BKSCT1.877TL OPENZ	EUR											
Certificate	DE000CV87R65	BKSCT2.079TL OPENZ	EUR											
Certificate	DE000CJ3NL66	BLNDL3.976TL OPENZ	EUR	0,8400	0,8400	0,8150				0,8150				
Certificate	DE000CV509F1	BLNDL4.983TL OPENZ	EUR	0,2900	0,2900	0,2650				0,2650				
Certificate	DE000CX0KMB0	BMW 60TL OPENC	EUR	1,5500	1,5500	1,5500				1,5500				
Certificate	DE000CX0K421	BMW 60TL OPENC	EUR	1,3400	1,3400	1,3400				1,3400				
Certificate	DE000CX591B6	BMW 70TL OPENC	EUR											
Certificate	DE000CX59CM0	BMW 70TL OPENC	EUR	0,4100	0,4100	0,4100				0,4100				
Certificate	DE000CY51EH1	BMW 80TL OPENC	EUR											
Certificate	DE000CY51D78	BMW 80TL OPENC	EUR											
Certificate	DE000CY504F9	BMW 100TS OPENC	EUR	2,1500	2,1500	2,1500				2,1500				
Certificate	DE000CQ5A2E9	BMW 100TS OPENC	EUR	2,1600	2,1600	2,1600				2,1600				



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	DE000CY52NJ6	BMW 110TS OPENC	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	NL0009490937	BMW 22.8TL OPENB	EUR	49,0600	50,3300	49,0600			50,3300					
Certificate	NL0009434612	BMW 32.1TL OPENB	EUR	41,7500	41,7500	41,7500			41,7500					
Certificate	NL0011241054	BMW 34.9TL OPENH	EUR	3,7700	3,8700	3,7700			3,8700					
Certificate	NL0010044434	BMW 39.1TL OPENB	EUR	33,9100	35,1800	33,9100			35,1800					
Certificate	NL0011410238	BMW 43.3TL OPENH	EUR	2,9800	3,0800	2,9800			3,0800					
Certificate	NL0010224580	BMW 43.9TL OPENB	EUR	29,4500	30,7200	29,4500			30,7200					
Certificate	NL0010254694	BMW 49.2TL OPENB	EUR	25,7500	25,7500	25,7500			25,7500					
Certificate	NL0011241047	BMW 51.8TL OPENH	EUR	2,1900	2,2900	2,1900			2,2900					
Certificate	NL0011742606	BMW 56.6TL OPENH	EUR	1,7400	1,8400	1,7400			1,8400					
Certificate	NL0010444493	BMW 57.5TL OPENB	EUR	18,0300	18,0300	18,0300			18,0300					
Certificate	NL0011906367	BMW 60.8TL OPENB	EUR	13,7300	14,9900	13,7300			14,9900					
Certificate	NL0011896493	BMW 62.1TL OPENH	EUR	1,2200	1,3200	1,2200			1,3200					
Certificate	NL0011927702	BMW 66.3TL OPENH	EUR	0,8400	0,9400	0,8400			0,9400					
Certificate	NL0012020747	BMW 67.8TL OPENB	EUR	7,2200	8,4800	7,2200			8,4800					
Certificate	NL0011993662	BMW 69.3TL OPENH	EUR	0,5500	0,6500	0,5500			0,6500					
Certificate	NL0013160591	BMW 71.2TL OPENB	EUR											
Certificate	NL0011995345	BMW 71.4TL OPENH	EUR											
Certificate	NL0013162464	BMW 76.8TS OPENB	EUR	12,7500	12,7500	11,4700			11,4700					
Certificate	NL0013127251	BMW 79.3TS OPENH	EUR	1,5000	1,5000	1,4200			1,4200					
Certificate	NL0013005911	BMW 80.7TS OPENB	EUR	16,9500	16,9500	15,6700			15,6700					
Certificate	NL0012906234	BMW 83.1TS OPENH	EUR	1,9100	1,9100	1,8300			1,8300					
Certificate	NL0013160732	BMW 84.7TS OPENB	EUR	21,2700	21,2700	19,9900			19,9900					
Certificate	NL0012909386	BMW 87.6TS OPENH	EUR	2,4000	2,4000	2,3200			2,3200					
Certificate	NL0012864557	BMW 89.6TS OPENH	EUR	2,6100	2,6100	2,5300			2,5300					
Certificate	NL0012604649	BMW 90.9TS OPENH	EUR	2,7600	2,7600	2,6700			2,6700					
Certificate	NL0012245138	BMW 92.7TS OPENH	EUR	2,9500	2,9500	2,8600			2,8600					
Certificate	NL0011235072	BMW 95.8TS OPENH	EUR	3,2800	3,2800	3,2000			3,2000					
Certificate	NL0012039234	BMW 101.9BS OPENB	EUR	32,3100	32,3100	31,0300			31,0300					
Certificate	NL0012558233	BMW 101.9TS OPENH	EUR	3,9400	3,9400	3,8500			3,8500					
Certificate	NL0011041991	BMW 103.1TS OPENH	EUR	4,0600	4,0600	3,9800			3,9800					
Certificate	NL0012555619	BMW 113.6TS OPENH	EUR	5,1900	5,1900	5,1100			5,1100					
Certificate	DE000CN6JGM0	BMW 52.19TL OPENZ	EUR	18,8050	19,2450	18,8050			19,2450					
Certificate	DE000CN6HS61	BMW 57.18TL OPENZ	EUR	13,8450	15,4800	13,8450	154,8000	1	14,2850	10				
Certificate	NL0013008659	BMW 60.18BL OPENB	EUR	10,7900	12,0500	10,7900			12,0500					
Certificate	DE000CR9RQ56	BMW 62.48TL OPENZ	EUR	8,6100	9,0400	8,6100			9,0400					
Certificate	NL0013003619	BMW 63.18BL OPENB	EUR	7,7900	9,0500	7,7900			9,0500					
Certificate	NL0011907399	BMW 66.34BL OPENB	EUR	4,6300	5,8900	4,6300			5,8900					
Certificate	DE000CD62502	BMW 67.45TL OPENZ	EUR	3,7150	4,1450	3,7150			4,1450					
Certificate	NL0012020572	BMW 70.01BL OPENB	EUR											
Certificate	NL0013160039	BMW 73.49BL OPENB	EUR											
Certificate	NL0013163249	BMW 76.01BS OPENB	EUR	6,4300	6,4300	5,1500			5,1500					
Certificate	NL0013002181	BMW 83.61BS OPENB	EUR	14,0300	14,0300	12,7500			12,7500					
Certificate	NL0012025381	BMW 91.98BS OPENB	EUR	22,4000	22,4000	21,1200			21,1200					
Certificate	DE000CE6FB22	BMW 99.73TS OPENZ	EUR	5,8200	5,8200	5,7400			5,7400					
Certificate	DE000CQ58YW8	BNP 35TL OPENC	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CP234L2	BNP 35TL OPENC	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CP067T9	BNP 40TL OPENC	EUR											
Certificate	DE000CX592T6	BNP 42TL OPENC	EUR											
Certificate	DE000CX59PA7	BNP 45TL OPENC	EUR											
Certificate	DE000CP23QC3	BNP 45TS OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CP23NG1	BNP 45TS OPENC	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CQ58YX6	BNP 50TS OPENC	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CP234M0	BNP 50TS OPENC	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CY16AH2	BNP 55TL OPENC	EUR											
Certificate	DE000CY16JB6	BNP 55TL OPENC	EUR											
Certificate	DE000CP062D4	BNP 55TS OPENC	EUR											
Certificate	DE000CP06NV5	BNP 55TS OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CP06ZL0	BNP 55TS OPENC	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	DE000CP060B2	BNP 55TS OPENC	EUR											
Certificate	DE000CY528S1	BNP 65TS OPENC	EUR											
Certificate	DE000CQ5A594	BNP 65TS OPENC	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000CY52BB8	BNP 65TS OPENC	EUR											
Certificate	DE000CQ5A7F5	BNP 65TS OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000CY0ALH9	BNP 75TS OPENC	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	DE000CY500F7	BNP 75TS OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CY502K3	BNP 75TS OPENC	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000CY0AKS8	BNP 75TS OPENC	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CY50ELS	BNP 80TS OPENC	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	NL0009897198	BNP 11.8TL OPENB	EUR	30,0600	30,0600	30,0600			30,0600					
Certificate	NL0010379582	BNP 30.3TL OPENB	EUR	13,6600	13,6600	13,1800	40,9800	1	13,1800	3				
Certificate	DE000CV89BT8	BNP 36.4TL OPENZ	EUR	0,9600	0,9600	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	NL0012021521	BNP 40.9TL OPENB	EUR											
Certificate	NL0013145832	BNP 43.4TL OPENB	EUR											
Certificate	NL0013162472	BNP 45.3TS OPENB	EUR	9,8100	9,8100	9,5800				9,5800				
Certificate	NL0013015613	BNP 50.3TS OPENB	EUR	15,3100	15,3100	15,0800				15,0800				
Certificate	NL0012988745	BNP 55.3TS OPENB	EUR	20,8800	20,8800	20,6500				20,6500				
Certificate	NL0012437842	BNP 71.5TS OPENH	EUR	38,9300	38,9600	38,9300				38,9600				
Certificate	NL0012312516	BNP 90.2TS OPENH	EUR	59,6900	59,7300	59,6900				59,7300				
Certificate	NL0011412978	BNP 17.59TL OPENH	EUR	24,5600	24,6800	24,5600				24,6800				
Certificate	NL0011412960	BNP 26.01TL OPENH	EUR	16,8400	17,0300	16,8400				17,0300				
Certificate	DE000CJ3QY43	BNP 26.87TL OPENZ	EUR	2,8500	2,8500	2,7650				2,7650				
Certificate	DE000CJ3PH55	BNP 31.37TL OPENZ	EUR	1,9500	1,9500	1,8650				1,8650				
Certificate	NL0013163033	BNP 35.16BL OPENB	EUR	5,7950	5,9850	5,7950				5,9850				
Certificate	NL0012056618	BNP 35.74TL OPENH	EUR	8,0500	8,1800	8,0500				8,1800				
Certificate	NL0013154354	BNP 37.17BL OPENB	EUR	3,7850	3,9850	3,7850				3,9850				
Certificate	NL0013146392	BNP 39.17BL OPENB	EUR	1,7850	1,9750	1,7850				1,9750				
Certificate	NL0013013790	BNP 41.18BL OPENB	EUR											
Certificate	DE000CD62T72	BNP 41.46TL OPENZ	EUR											
Certificate	NL0011979968	BNP 42.56TL OPENH	EUR											
Certificate	NL0013011349	BNP 43.18BL OPENB	EUR											
Certificate	NL0013190630	BNP 43.49TS OPENH	EUR	7,8200	7,8600	7,8200				7,8600				
Certificate	NL0013163256	BNP 44.86BS OPENB	EUR	4,7650	4,7650	4,5350				4,5350				
Certificate	NL0013149081	BNP 47.86BS OPENB	EUR	7,7550	7,7550	7,5250				7,5250				
Certificate	NL0013086093	BNP 49.49TS OPENH	EUR	14,4700	14,5200	14,4700				14,5200				
Certificate	NL0013011414	BNP 50.84BS OPENB	EUR	10,7450	10,7450	10,0650	1968,2000	2		10,5150	195			
Certificate	NL0013003684	BNP 53.82BS OPENB	EUR	13,7250	13,7250	13,1600	14476,0000	1		13,4950	1100			
Certificate	NL0012909394	BNP 57.05TS OPENH	EUR	22,8700	22,9100	22,8700				22,9100				
Certificate	NL0012786974	BNP 59.74BS OPENB	EUR	19,6350	19,6350	19,0500	13335,0000	1		19,4050	700			
Certificate	NL0012591671	BNP 60.99TS OPENH	EUR	27,2700	27,2900	27,2700				27,2900				
Certificate	NL0011412846	BNP 67.09TS OPENH	EUR	34,0200	34,0600	34,0200				34,0600				
Certificate	NL0012243281	BNP 71.13TS OPENH	EUR	38,5100	38,5500	38,5100				38,5500				
Certificate	NL0012558258	BNP 75.52TS OPENH	EUR	43,3800	43,4200	43,3800				43,4200				
Certificate	NL0012365266	BNP 90.26TS OPENH	EUR	59,7600	59,8000	59,7600				59,8000				
Certificate	NL0012374078	BNP 90.31TS OPENH	EUR	59,8100	59,8500	59,8100				59,8500				
Certificate	NL0012244180	BNP 98.07TS OPENH	EUR	68,4200	68,4600	68,4200				68,4600				
Certificate	DE000CJ3QE39	BNRGn27.07TL OPENZ	EUR	1,1000	1,1000	1,0250				1,0250				
Certificate	DE000CV887Y2	BNRGn33.09TL OPENZ	EUR	0,5100	0,5100	0,4350				0,4350				
Certificate	DE000CD62R33	BOBL 139.5TS OPENZ	EUR	6,7000	6,7000	6,7000				6,7000				
Certificate	DE000CD62R17	BOBL 115.6TL OPENZ	EUR	16,8100	16,8100	16,8100				16,8100				
Certificate	DE000CD62R09	BOBL 124.2TL OPENZ	EUR	8,2100	8,2100	8,2100				8,2100				
Certificate	DE000CE6CDJ9	BOBL 145.7TS OPENZ	EUR	13,3400	13,3400	13,3400				13,3400				
Certificate	NL0010049383	BOEIN 49.7TL OPENB	EUR	242,6100	242,6100	242,6100				242,6100				
Certificate	DE000CM6HTK1	BOEIN98.57TL OPENZ	EUR	8,0400	8,0400	7,8800				7,8800				
Certificate	DE000CV89TF9	BOFCH 2.7TL OPENZ	EUR	0,8150	0,8150	0,7950				0,7950				
Certificate	DE000CJ3PEN3	BOFCH 2.31TL OPENZ	EUR	1,2350	1,2350	1,2150				1,2150				
Certificate	DE000CJ3PGK4	BOFCH 3.11TL OPENZ	EUR	0,3750	0,3750	0,3550				0,3550				
Certificate	NL0013110489	BOSKA LEVOPENZ	EUR	17,2100	17,2100	17,2100				17,2100				
Certificate	DE000CP23QA7	BOSKA 15TL OPENC	EUR	6,6000	6,6000	6,6000				6,6000				
Certificate	DE000CQ5AFM0	BOSKA 15TL OPENC	EUR	6,8800	7,1200	6,4500	2686,0000	4		7,1200	400			
Certificate	DE000CY51BV8	BOSKA 20TL OPENC	EUR	2,3300	2,3300	2,3300				2,3300				
Certificate	DE000CY51477	BOSKA 20TL OPENC	EUR	1,9400	1,9400	1,9400				1,9400				
Certificate	DE000CQ5AK57	BOSKA 22TL OPENC	EUR											
Certificate	DE000CQ5ACQ8	BOSKA 22TL OPENC	EUR											
Certificate	DE000CP23888	BOSKA 24TL OPENC	EUR											
Certificate	DE000CP239J5	BOSKA 24TL OPENC	EUR											
Certificate	NL0013188147	BOSKA 24TL OPENH	EUR											
Certificate	DE000CP23QB5	BOSKA 24TS OPENC	EUR	4,3300	4,3300	4,3300				4,3300				
Certificate	DE000CP23NF3	BOSKA 24TS OPENC	EUR	3,8400	3,8400	3,8400				3,8400				
Certificate	NL0012586473	BOSKA 29TS OPENH	EUR	10,4400	10,8000	10,4400				10,8000				
Certificate	DE000CQ5AHF0	BOSKA 30TS OPENC	EUR	8,4700	8,4700	8,4700				8,4700				
Certificate	DE000CQ5AK81	BOSKA 30TS OPENC	EUR	9,1300	9,1300	9,1300				9,1300				
Certificate	NL0012586457	BOSKA 30TS OPENH	EUR	11,5000	11,8600	11,5000				11,8600				
Certificate	DE000CY52VD2	BOSKA 32TS OPENC	EUR	10,3500	10,3500	10,3500				10,3500				
Certificate	DE000CQ5A7D0	BOSKA 32TS OPENC	EUR	11,1100	11,1100	11,1100				11,1100				
Certificate	DE000CY51BW6	BOSKA 34TS OPENC	EUR	12,8300	12,8300	12,8300				12,8300				
Certificate	DE000CY51A63	BOSKA 34TS OPENC	EUR	12,0600	12,0600	12,0600				12,0600				
Certificate	NL0011935499	BOSKA 34TS OPENH	EUR	15,9100	16,2700	15,9100				16,2700				
Certificate	DE000CY51FH8	BOSKA 35TS OPENC	EUR	13,0700	13,0700	13,0700				13,0700				
Certificate	DE000CP06PG1	BOSKA 35TS OPENC	EUR	15,5400	15,5400	15,5400				15,5400				
Certificate	DE000CY51J22	BOSKA 35TS OPENC	EUR	13,1000	13,1000	13,1000				13,1000				
Certificate	DE000CP23896	BOSKA 35TS OPENC	EUR	14,8300	14,8300	14,8300				14,8300				
Certificate	DE000CP239K3	BOSKA 35TS OPENC	EUR	15,6500	15,6500	15,6500				15,6500				
Certificate	DE000CY51A71	BOSKA 35TS OPENC	EUR	13,0400	13,0400	13,0400				13,0400				



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	NL0012600365	BOSKA 15.3TL OPENH	EUR	6,8100	6,8100	6,7000			6,7000					
Certificate	NL0012593412	BOSKA 17.3TL OPENH	EUR	4,9200	4,9200	4,8100			4,8100					
Certificate	NL0012310858	BOSKA 19.8TL OPENH	EUR	2,6200	2,6200	2,5100			2,5100					
Certificate	NL0012600357	BOSKA 20.9TL OPENH	EUR											
Certificate	NL0012490262	BOSKA 21.4BL OPENB	EUR											
Certificate	NL0012595730	BOSKA 21.4TL OPENH	EUR											
Certificate	NL0010134813	BOSKA 21.5TL OPENB	EUR											
Certificate	NL0012596191	BOSKA 21.9TL OPENH	EUR											
Certificate	NL0013165442	BOSKA 22.6TS OPENB	EUR	4,1650	4,2250	4,1650			4,2250					
Certificate	NL0012605356	BOSKA 22.8TL OPENH	EUR											
Certificate	NL0013190648	BOSKA 22.9TS OPENH	EUR	3,8300	4,1900	3,8300			4,1900					
Certificate	NL0013012750	BOSKA 23.5TL OPENB	EUR											
Certificate	NL0013188808	BOSKA 24.4TS OPENH	EUR	5,4400	5,8000	5,4400			5,8000					
Certificate	NL0013162480	BOSKA 24.6TS OPENB	EUR	6,3750	6,4350	6,3750			6,4350					
Certificate	NL0012793012	BOSKA 25.28OC1218B	EUR	22,4000	22,4000	22,2300			22,2300					
Certificate	NL0013187321	BOSKA 25.4TS OPENH	EUR	6,6100	6,9900	6,6100			6,9900					
Certificate	NL0013130487	BOSKA 26.4TS OPENH	EUR	7,6500	8,0100	7,6500			8,0100					
Certificate	NL0013007339	BOSKA 26.6TS OPENB	EUR	8,5550	8,6150	8,5550			8,6150					
Certificate	NL0013079171	BOSKA 26.9TS OPENH	EUR	8,2500	8,6100	8,2500			8,6100					
Certificate	NL0012905038	BOSKA 28.4TS OPENH	EUR	9,8200	10,2000	9,8200			10,2000					
Certificate	NL0012586465	BOSKA 29.5TS OPENH	EUR	10,9500	11,3300	10,9500			11,3300					
Certificate	NL0012582159	BOSKA 30.5TS OPENH	EUR	12,1100	12,4700	12,1100			12,4700					
Certificate	NL0012591689	BOSKA 30.9TS OPENH	EUR	12,5600	12,9200	12,5600			12,9200					
Certificate	NL0012305817	BOSKA 31.5TS OPENH	EUR	13,1300	13,5100	13,1300			13,5100					
Certificate	NL0011599584	BOSKA 32.2TS OPENH	EUR	13,9400	14,2900	13,9400			14,2900					
Certificate	NL0012305270	BOSKA 32.4TS OPENH	EUR	14,1900	14,5500	14,1900			14,5500					
Certificate	NL0012586440	BOSKA 33.4TS OPENH	EUR	15,2100	15,5700	15,2100			15,5700					
Certificate	NL0011933494	BOSKA 35.9TS OPENH	EUR	17,9100	18,2900	17,9100			18,2900					
Certificate	NL0011421169	BOSKA 36.9TS OPENH	EUR	18,9700	19,3300	18,9700			19,3300					
Certificate	NL0011044409	BOSKA 49.1TS OPENH	EUR	32,2000	32,5600	32,2000			32,5600					
Certificate	DE000CV8AYQ9	BOSKA14.34TL OPENZ	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CV87Y21	BOSKA16.37TL OPENZ	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	NL0012775969	BOSKA16.66BL OPENB	EUR	4,9850	4,9850	4,9350			4,9350					
Certificate	DE000CJ3QXC4	BOSKA17.87TL OPENZ	EUR	0,6100	0,6100	0,6000	1215,0000	3	0,6100	2000				
Certificate	NL0010174264	BOSKA18.17TL OPENB	EUR	4,2800	4,3950	3,9050	1214,0000	2	4,3950	300				
Certificate	NL0012774475	BOSKA18.19BL OPENB	EUR	3,4550	3,4550	3,2500	178,7500	1	3,4050	55				
Certificate	DE000CV88137	BOSKA19.37TL OPENZ	EUR	0,3500	0,3500	0,2400	7692,0000	21	0,3300	24750				
Certificate	NL0013164478	BOSKA19.48TL OPENB	EUR	3,2950	3,2950	3,2450			3,2450					
Certificate	NL0012027924	BOSKA19.72BL OPENB	EUR	1,9250	1,9250	1,5600	81008,0000	13	1,8750	49400				
Certificate	NL0012777585	BOSKA20.48TL OPENB	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	NL0013163967	BOSKA21.22BL OPENB	EUR											
Certificate	LU1719605419	BOSKA21.24TCIOPENS	EUR											
Certificate	DE000CD63HY8	BOSKA21.38TL OPENZ	EUR											
Certificate	NL0012786214	BOSKA22.49TL OPENB	EUR											
Certificate	LU1719605500	BOSKA22.66TCIOPENS	EUR											
Certificate	DE000CJ3QY84	BOSKA22.79TS OPENZ	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	NL0012782478	BOSKA22.92BL OPENB	EUR											
Certificate	LU1859834555	BOSKA23.05TCIOPENS	EUR											
Certificate	DE000CV88085	BOSKA23.36TL OPENZ	EUR											
Certificate	NL0013163264	BOSKA23.64BS OPENB	EUR	3,3150	3,3750	3,3150			3,3750					
Certificate	DE000CJ3QV80	BOSKA25.29TS OPENZ	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	NL0013159635	BOSKA26.13BS OPENB	EUR	5,8150	5,8750	5,8150			5,8750					
Certificate	LU1840911603	BOSKA27.01TPIOPENS	EUR	6,5500	6,5800	6,5500			6,5800					
Certificate	DE000CJ3N1A1	BOSKA27.79TS OPENZ	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	NL0012773303	BOSKA28.56TS OPENB	EUR	10,7250	10,7850	10,7250			10,7850					
Certificate	NL0012773030	BOSKA28.62BS OPENB	EUR	8,3050	8,3650	8,3050			8,3650					
Certificate	LU1790583758	BOSKA28.99TPIOPENS	EUR	8,3600	8,3900	8,3600			8,3900					
Certificate	LU1840348756	BOSKA29.66TPIOPENS	EUR	9,1400	9,1700	9,1400			9,1700					
Certificate	NL0012685671	BOSKA30.48TS OPENB	EUR	12,8550	12,9150	12,8550			12,9150					
Certificate	DE000CE6D640	BOSKA30.78TS OPENZ	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0012112478	BOSKA31.06BS OPENB	EUR	10,7350	10,7950	10,7350			10,7950					
Certificate	NL0013158983	BOSKA33.56BS OPENB	EUR	13,2350	13,2950	13,2350			13,2950					
Certificate	DE000CJ3NP05	BOSKA34.28TS OPENZ	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0010444261	BOUYG13.49TL OPENB	EUR	20,5050	20,5050	20,5050			20,5050					
Certificate	DE000CJ3PFN0	BOUYG21.75TL OPENZ	EUR	1,1000	1,1250	1,1000			1,1250					
Certificate	DE000CV89L51	BOUYG25.27TL OPENZ	EUR	0,7500	0,7750	0,7500			0,7750					
Certificate	DE000CV505F9	BOUYG30.28TL OPENZ	EUR	0,2600	0,2750	0,2600			0,2750					
Certificate	NL0009495605	BP 10TL OPENB	EUR	5,7350	5,7350	5,7350			5,7350					
Certificate	NL0009484427	BP 70TL OPENB	EUR	4,9850	5,0450	4,9850			5,0450					
Certificate	NL0009501360	BP 170TL OPENB	EUR											
Certificate	NL0009506153	BP 180TL OPENB	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	NL0011728415	BP 2.9TL 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	NL0009434620	BP 220TL OPENB	EUR	3,5250	3,5250	3,5250			3,5250					
Certificate	NL0011889712	BP 3.3TL OPENH	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0011995717	BP 3.9TL OPENH	EUR	1,7400	1,7500	1,7400			1,7500					
Certificate	NL0011977996	BP 3.9TL OPENH	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	NL0012598767	BP 4.5TL OPENH	EUR	1,0900	1,1000	1,0900			1,1000					
Certificate	NL0012608020	BP 4.9TL OPENH	EUR	0,6800	0,6900	0,6800			0,6900					
Certificate	NL0013190655	BP 5.1TS OPENH	EUR											
Certificate	NL0012609606	BP 5.4TS OPENH	EUR											
Certificate	NL0013085038	BP 5.7TS OPENH	EUR	1,1500	1,1600	1,1500			1,1600					
Certificate	NL0013079296	BP 5.9TS OPENH	EUR	1,3800	1,3900	1,3800			1,3900					
Certificate	NL0012611461	BP 6.1TS OPENH	EUR	1,6400	1,6500	1,6400			1,6500					
Certificate	NL0012861181	BP 6.6TS OPENH	EUR	2,2000	2,2100	2,2000			2,2100					
Certificate	NL0012847008	BP 6.8TS OPENH	EUR	2,4700	2,4900	2,4700			2,4900					
Certificate	DE000CR4HR03	BP 3.12TL OPENZ	EUR											
Certificate	DE000CD61TQ3	BP 3.48TL OPENZ	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	DE000CD634Y0	BP 3.89TL OPENZ	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CE6EX04	BP 4.296TL OPENZ	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CV88GN2	BP 4.796TL OPENZ	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	NL0013183692	BP 499.9TL OPENH	EUR											
Certificate	NL0013183684	BP 539.9TS OPENH	EUR											
Certificate	NL0013183676	BP 579.9TS OPENH	EUR											
Certificate	DE000CJ3QV79	BPOST 4.9TL OPENZ	EUR											
Certificate	DE000CJ3QT57	BPOST 5.7TL OPENZ	EUR											
Certificate	DE000CJ3P7H1	BPOST 6.1TL OPENZ	EUR											
Certificate	DE000CJ3QXJ9	BPOST 7.3TL OPENZ	EUR											
Certificate	DE000CJ3QSH3	BPOST 8.8TL OPENZ	EUR											
Certificate	NL0012795819	BPOST 15.280C0919Z	EUR											
Certificate	NL0012795801	BPOST 15.480C0619Z	EUR											
Certificate	NL0013162142	BPOST 6.03TL OPENB	EUR	0,4650	0,4650	0,4450			0,4450					
Certificate	NL0013161110	BPOST 6.53TL OPENB	EUR	0,3750	0,3750	0,3550	1080,0000	1	0,3550	3000				
Certificate	NL0013154693	BPOST 7.04TL OPENB	EUR	0,2850	0,2850	0,2650	1232,0000	1	0,2650	4400				
Certificate	NL0013165327	BPOST 7.54TL OPENB	EUR	0,1950	0,1950	0,1750			0,1750					
Certificate	NL0013162498	BPOST 7.99TS OPENB	EUR											
Certificate	NL0013154552	BPOST 8.52TL OPENB	EUR											
Certificate	DE000CJ3Q5J9	BPOST 8.94TS OPENZ	EUR											
Certificate	NL0013161201	BPOST 8.99TS OPENB	EUR	0,4450	0,4650	0,4450			0,4650					
Certificate	DE000CV89EE4	BPOST 9.05TL OPENZ	EUR											
Certificate	DE000CJ3QSK7	BPOST 9.94TS OPENZ	EUR											
Certificate	NL0013161219	BPOST 9.99TS OPENB	EUR	0,6650	0,6850	0,6650			0,6850					
Certificate	DE000CJ3QLR7	BPOST10.44TL OPENZ	EUR											
Certificate	DE000CJ3QNR3	BPOST10.93TL OPENZ	EUR											
Certificate	NL0013151954	BPOST10.98TS OPENB	EUR	0,8850	0,9050	0,8850			0,9050					
Certificate	DE000CJ3P7K5	BPOST11.07TS OPENZ	EUR											
Certificate	NL0013150865	BPOST11.98TS OPENB	EUR	1,1050	1,1250	1,1050			1,1250					
Certificate	DE000CJ3P7L3	BPOST12.07TS OPENZ	EUR											
Certificate	DE000CJ3N070	BPOST13.06TS OPENZ	EUR	1,0500	1,0500	1,0500	21000,0000	4	1,0500	20000				
Certificate	DE000CV89Q49	BPOST14.04TS OPENZ	EUR											
Certificate	DE000CV894L5	BPOST15.03TS OPENZ	EUR											
Certificate	DE000CV87ZM6	BPOST24.98TS OPENZ	EUR											
Certificate	DE000CV424B3	BPOST28.96TS OPENZ	EUR											
Certificate	DE000CJ3QDW4	BPOST5.194TL OPENZ	EUR											
Certificate	DE000CJ3Q5E0	BPOST5.799TL OPENZ	EUR											
Certificate	DE000CJ3Q5F7	BPOST6.799TL OPENZ	EUR											
Certificate	DE000CV89S29	BPOST7.116TL OPENZ	EUR											
Certificate	DE000CJ3Q5G5	BPOST7.349TL OPENZ	EUR											
Certificate	DE000CJ3QBB2	BPOST8.585TL OPENZ	EUR											
Certificate	DE000CJ3QH36	BPOST9.489TL OPENZ	EUR											
Certificate	DE000CJ3QK15	BPOST9.937TL OPENZ	EUR											
Certificate	DE000CV42LV2	BRBY 12.61TL OPENZ	EUR	1,0000	1,0300	1,0000			1,0300					
Certificate	DE000CV4YV13	BRBY 14.14TL OPENZ	EUR	0,6700	0,7000	0,6700			0,7000					
Certificate	DE000CV4ZP39	BRBY 14.77TL OPENZ	EUR	0,5300	0,5600	0,5300			0,5600					
Certificate	DE000CJ3PTU6	BRBY 16.77TL OPENZ	EUR											
Certificate	DE000CN6JPB4	BRCL51.199TL OPENZ	EUR											
Certificate	DE000CD625N1	BRCL51.509TL OPENZ	EUR											
Certificate	DE000VA234U7	BRENT LEVOPENV	EUR	0,1350	0,1350	0,1350			0,1350					
Certificate	DE000VN610N8	BRENT LEVOPENV	EUR	0,5300	0,6000	0,5300	10787,8000	4	0,5550	20333				
Certificate	DE000VA234T9	BRENT LEVOPENV	EUR	2,3150	2,3150	2,3150			2,3150					
Certificate	DE000VN610P3	BRENT LEVOPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN610M0	BRENT LEVOPENV	EUR	4,6350	4,6350	4,6350			4,6350					
Certificate	DE000CE6C1K1	BRENT LEVOPENZ	EUR	6,8100	7,1500	6,8100	1396,0000	2	7,0200	200				
Certificate	DE000CE6C1J3	BRENT LEVOPENZ	EUR	10,9200	10,9200	10,9200			10,9200					
Certificate	DE000CE6C1M7	BRENT LEVOPENZ	EUR	0,2140	0,2140	0,2140			0,2140					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0000458750	BRENT PI OPENB	EUR	22,2600	22,7900	22,2600			22,7900					
Certificate	DE000VNG10S7	BRENT SHROPE NV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000VNG10R9	BRENT SHROPE NV	EUR	0,0450	0,0450	0,0450			0,0450					
Certificate	DE000VNG10Q1	BRENT SHROPE NV	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	DE000VA1ZHR6	BRENT SHROPE NV	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	DE000CE6C1L9	BRENT SHROPE NZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	NL0012796809	BRENT SHROPE NZ	EUR	28,0700	28,0700	28,0700			28,0700					
Certificate	DE000CP237C4	BRENT 48TL 1218C	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000VA90VU6	BRENT 50TL OPENV	EUR	9,0150	9,0150	9,0150			9,0150					
Certificate	DE000CP237D2	BRENT 52TL 1218C	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CP237E0	BRENT 54TL 1218C	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000CP237F7	BRENT 56TL 1218C	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	LU1651900505	BRENT 60TCIOPENS	EUR											
Certificate	DE000CP237H3	BRENT 64TS 1218C	EUR	0,2000	0,2100	0,1800	455,5100	2	0,1800	2222				
Certificate	DE000CP237J9	BRENT 66TS 1218C	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000CP237K7	BRENT 68TS 1218C	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CP237L5	BRENT 72TS 1218C	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CP06Q70	BRENT 82TL 1218C	EUR											
Certificate	DE000CP06Q88	BRENT 88TS 1218C	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CP06Q96	BRENT 90TS 1218C	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CP06QA2	BRENT 92TS 1218C	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CP06QB0	BRENT 94TS 1218C	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CP06QC8	BRENT 96TS 1218C	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000CP06QD6	BRENT 100TS 1218C	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CP06QE4	BRENT 104TS 1218C	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	LU1859833151	BRENT 110TCIOPENS	EUR	44,3500	44,3500	43,5400			43,5400					
Certificate	DE000CE6E556	BRENT 49.TL OPENZ	EUR	9,7500	10,7100	9,7500	1774,3500	8	10,1100	167				
Certificate	NL0011598321	BRENT 17.7TL OPENH	EUR	38,2000	38,2000	38,2000			38,2000					
Certificate	NL0011636949	BRENT 23.4TL OPENB	EUR	33,3750	33,3750	33,3750			33,3750					
Certificate	NL0011539549	BRENT 25.5TL OPENB	EUR	31,5650	31,5650	31,5650			31,5650					
Certificate	NL0011532387	BRENT 27.6TL OPENB	EUR	29,7550	29,7550	29,7550			29,7550					
Certificate	NL0011535513	BRENT 31.1TL OPENB	EUR	26,7950	26,7950	26,7950			26,7950					
Certificate	NL0011531280	BRENT 32.4TL OPENB	EUR	25,7250	25,7250	25,7250			25,7250					
Certificate	NL0011727821	BRENT 35.2TL OPENH	EUR	23,3300	23,3300	23,3300			23,3300					
Certificate	NL0011637855	BRENT 35.4TL OPENB	EUR	23,1750	23,1750	23,1750			23,1750					
Certificate	DE000CD628Y2	BRENT 35.5TL OPENZ	EUR	22,5850	22,5850	22,5850			22,5850					
Certificate	NL0011598305	BRENT 35.7TL OPENH	EUR	22,9000	22,9000	22,9000			22,9000					
Certificate	NL0011648340	BRENT 37.5TL OPENB	EUR	21,3450	21,3450	21,3450			21,3450					
Certificate	DE000CN6J1R0	BRENT 41.1TL OPENZ	EUR	17,1000	17,1000	17,1000			17,1000					
Certificate	NL0011655741	BRENT 41.7TL OPENB	EUR	17,7450	17,7450	17,7450			17,7450					
Certificate	NL0012277453	BRENT 44.9TL OPENB	EUR	14,5000	15,0550	14,5000	1504,0000	2	15,0550	102				
Certificate	NL0012495170	BRENT 52.1TL OPENB	EUR	8,9050	8,9050	8,9050			8,9050					
Certificate	DE000VL2FT08	BRENT 53.6TL OPENV	EUR	7,2950	7,2950	7,2950			7,2950					
Certificate	NL0012501118	BRENT 54.2TL OPENB	EUR	7,1150	7,1150	7,1150			7,1150					
Certificate	NL0012503171	BRENT 55.2TL OPENB	EUR	6,2750	6,2750	6,2750			6,2750					
Certificate	NL0012504955	BRENT 56.2TL OPENB	EUR	5,2300	5,9550	5,2300	8205,0000	2	5,4150	1500				
Certificate	NL0012504963	BRENT 57.3TL OPENB	EUR	4,1500	5,2350	4,1500	9437,5000	4	4,5350	2150				
Certificate	NL0013159684	BRENT 58.3TL OPENB	EUR	3,3700	4,3600	3,3650	10735,0000	7	3,6450	2600				
Certificate	NL0013159742	BRENT 59.2BL OPENB	EUR											
Certificate	NL0013165046	BRENT 59.3TL OPENB	EUR	2,8250	2,8250	2,8250			2,8250					
Certificate	NL0013160187	BRENT 59.3TL OPENB	EUR											
Certificate	NL0013160195	BRENT 60.3TL OPENB	EUR											
Certificate	NL0013160997	BRENT 61.3TL OPENB	EUR											
Certificate	NL0013164171	BRENT 61.5TS OPENB	EUR											
Certificate	NL0013186109	BRENT 63.4TS OPENH	EUR											
Certificate	NL0013163496	BRENT 63.5TS OPENB	EUR											
Certificate	NL0013165061	BRENT 63.5TS OPENB	EUR	5,2750	5,2750	5,2750			5,2750					
Certificate	NL0013156284	BRENT 65.5TS OPENB	EUR	7,1050	7,1050	7,1050			7,1050					
Certificate	DE000CJ3QF12	BRENT 66.2TS OPENZ	EUR	5,1300	5,5100	5,1300	7710,0000	1	5,5100	1500				
Certificate	NL0013156292	BRENT 67.5TS OPENB	EUR	8,9450	8,9450	8,9450			8,9450					
Certificate	DE000CJ3QF20	BRENT 68.2TS OPENZ	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	NL0013153091	BRENT 69.5TS OPENB	EUR	10,7650	10,7650	10,7650			10,7650					
Certificate	DE000CJ3QB32	BRENT 70.2TS OPENZ	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	NL0013152341	BRENT 71.5TS OPENB	EUR	12,5950	12,5950	12,5950			12,5950					
Certificate	NL0013151723	BRENT 73.5TS OPENB	EUR	14,4350	14,4350	14,4350			14,4350					
Certificate	DE000VA9CTN2	BRENT 74.1TS OPENV	EUR	12,3350	12,3350	12,3350			12,3350					
Certificate	DE000VA87E96	BRENT 75.1TS OPENV	EUR	13,2050	13,2050	13,2050			13,2050					
Certificate	NL0013147648	BRENT 75.4TS OPENB	EUR	16,2450	16,2450	16,2450			16,2450					
Certificate	DE000VA87DM7	BRENT 76.1TS OPENV	EUR	14,0850	14,0850	14,0850			14,0850					
Certificate	DE000VA87DN5	BRENT 77.1TS OPENV	EUR	14,9650	14,9650	14,9650			14,9650					
Certificate	NL0013147655	BRENT 77.4TS OPENB	EUR	18,0750	18,0750	18,0750			18,0750					
Certificate	LU1859832856	BRENT 78.5TCIOPENS	EUR	16,7600	16,7600	15,8300			15,8300					



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	NL0013016751	BRENT 79.4TS OPENB	EUR	19,8750	19,8750	19,8750			19,8750					
Certificate	NL0013013584	BRENT 81.4TS OPENB	EUR	21,7850	21,7850	21,7850			21,7850					
Certificate	LU1859832930	BRENT 81.5TPIOPENS	EUR	19,3900	19,3900	18,4700								
Certificate	DE000VA71T80	BRENT 82.6TS OPENV	EUR	19,3750	19,3750	19,3750								
Certificate	DE000CJ3PER4	BRENT 82.6TS OPENZ	EUR	20,0100	20,0100	20,0100								
Certificate	NL0013010697	BRENT 83.4TS OPENB	EUR	23,6150	23,6150	23,6150								
Certificate	DE000VA7TF48	BRENT 83.6TS OPENV	EUR	20,2550	20,2550	20,2550								
Certificate	LU1859833078	BRENT 84.5TPIOPENS	EUR	22,0200	22,0200	21,1100								
Certificate	DE000VA7TF55	BRENT 84.6TS OPENV	EUR	21,1250	21,1250	21,1250								
Certificate	NL0013009160	BRENT 85.4TS OPENB	EUR	25,4350	25,4350	25,4350								
Certificate	DE000VA7TF63	BRENT 85.6TS OPENV	EUR	22,0050	22,0050	22,0050								
Certificate	LU1757002693	BRENT 87.5TPIOPENS	EUR	24,7800	24,7800	23,8900								
Certificate	NL0012791073	BRENT 89.3TS OPENB	EUR	29,3000	29,3050	28,7750	1129,7000	2		29,0350	39			
Certificate	LU1757002859	BRENT 95.5TPIOPENS	EUR	31,7000	31,7000	30,8300								
Certificate	LU1757003071	BRENT100.5TPIOPENS	EUR	36,0200	36,0200	35,1700								
Certificate	NL0012861314	BRENT102.4TS OPENH	EUR	40,0400	40,0400	40,0400								
Certificate	NL0012860803	BRENT107.3TS OPENH	EUR	44,5100	44,5100	44,5100								
Certificate	NL0012903918	BRENT118.7TS OPENH	EUR	54,9700	54,9700	54,9700								
Certificate	NL0012313126	BRENT13.36TL OPENH	EUR	41,7900	41,7900	41,7900								
Certificate	NL0011636733	BRENT16.87BL OPENB	EUR	38,5050	38,5050	38,5050								
Certificate	NL0011422415	BRENT23.16TL OPENH	EUR	33,5700	33,5700	33,5700								
Certificate	NL0011422407	BRENT26.36TL OPENH	EUR	30,8500	30,8500	30,8500								
Certificate	NL0011538111	BRENT28.67BL OPENB	EUR	28,0750	28,0750	28,0750								
Certificate	NL0011422399	BRENT29.55TL OPENH	EUR	28,1400	28,1400	28,1400								
Certificate	NL0011422381	BRENT32.74TL OPENH	EUR	25,4100	25,4100	25,4100								
Certificate	DE000CN6HEY4	BRENT34.07TL OPENZ	EUR	23,3250	23,3250	23,3250								
Certificate	NL0011727839	BRENT34.15TL OPENH	EUR	24,2200	24,2200	24,2200								
Certificate	NL0011598313	BRENT34.64TL OPENH	EUR	23,7900	23,7900	23,7900								
Certificate	NL0011727805	BRENT37.32TL OPENH	EUR	21,5300	21,5300	21,5300								
Certificate	NL0011933296	BRENT37.54TL OPENH	EUR	21,3200	21,3200	21,3200								
Certificate	NL0011727797	BRENT38.37TL OPENH	EUR	20,6200	20,6200	20,6200								
Certificate	NL0011933288	BRENT38.58TL OPENH	EUR	20,4500	20,4500	20,4500								
Certificate	NL0011727789	BRENT39.43TL OPENH	EUR	19,7300	19,7300	19,7300								
Certificate	NL0011648779	BRENT39.59BL OPENB	EUR	18,4150	18,4150	18,4150								
Certificate	NL0011933270	BRENT39.64TL OPENH	EUR	19,5600	19,5600	19,5600								
Certificate	NL0011727771	BRENT40.48TL OPENH	EUR	18,8400	18,8400	18,8400								
Certificate	NL0011933262	BRENT40.68TL OPENH	EUR	18,6700	18,6700	18,6700								
Certificate	NL0011727763	BRENT41.54TL OPENH	EUR	17,9400	17,9400	17,9400								
Certificate	DE000CN6K5S6	BRENT41.62TL OPENZ	EUR	17,2850	17,2850	17,2850								
Certificate	NL0011933254	BRENT41.73TL OPENH	EUR	17,7700	17,7700	17,7700								
Certificate	NL0011655410	BRENT41.74BL OPENB	EUR	16,5150	16,5150	16,5150								
Certificate	DE000VN66W86	BRENT42.52TL OPENV	EUR	17,2850	17,2850	17,2850								
Certificate	DE000CN6K859	BRENT43.71TL OPENZ	EUR	14,7900	14,7900	14,7900								
Certificate	NL0012372650	BRENT43.75TL OPENH	EUR	15,6900	15,6900	15,6900								
Certificate	NL0012274963	BRENT43.83BL OPENB	EUR	14,6250	14,6250	14,6250								
Certificate	NL0012372643	BRENT44.79TL OPENH	EUR	14,7700	14,7700	14,7700								
Certificate	NL0012372635	BRENT45.84TL OPENH	EUR	13,8800	13,8800	13,8800								
Certificate	DE000CE6E4J5	BRENT46.71TL OPENZ	EUR	12,8750	12,8750	12,8750								
Certificate	NL0012372627	BRENT46.88TL OPENH	EUR	13,0000	13,0000	13,0000								
Certificate	NL0012372619	BRENT47.92TL OPENH	EUR	12,1100	12,1100	12,1100								
Certificate	DE000CE6E4A4	BRENT48.02TL OPENZ	EUR	10,9800	10,9800	10,9800								
Certificate	NL0012437693	BRENT48.88TL OPENH	EUR	11,4900	11,4900	11,2600	1149,0000	1		11,2600	100			
Certificate	DE000CE6EP12	BRENT49.25TL OPENZ	EUR	10,6750	10,6750	10,6750								
Certificate	NL0012439657	BRENT49.97TL OPENH	EUR	10,3300	10,3300	10,3300								
Certificate	DE000CE6EN30	BRENT49.99TL OPENZ	EUR	9,2300	9,2300	9,2300								
Certificate	NL0012492714	BRENT50.08BL OPENB	EUR	9,0950	9,0950	9,0950								
Certificate	DE000CE6ETJ1	BRENT50.99TL OPENZ	EUR	7,7900	8,3500	7,7900	194,7500	1		8,3500	25			
Certificate	NL0012439640	BRENT51.01TL OPENH	EUR	9,4300	9,4300	9,4300								
Certificate	DE000CE6EXN5	BRENT51.79TL OPENZ	EUR	8,4650	8,4650	8,4650								
Certificate	DE000CE6ETK9	BRENT51.99TL OPENZ	EUR	7,4750	7,4750	7,4750								
Certificate	NL0012518112	BRENT52.03TL OPENH	EUR	8,5800	8,5800	8,5800								
Certificate	DE000VA90VH3	BRENT52.95TL OPENV	EUR	6,2750	6,2750	6,2750								
Certificate	DE000CE6EW13	BRENT52.98TL OPENZ	EUR	6,5900	6,5900	6,5900								
Certificate	NL0012525018	BRENT53.08TL OPENH	EUR	7,6700	7,6700	7,6700								
Certificate	DE000VA90RG3	BRENT53.95TL OPENV	EUR	5,3850	5,3850	5,3850								
Certificate	DE000CE6EXH7	BRENT53.98TL OPENZ	EUR	5,7100	5,7100	5,7100								
Certificate	NL0012526578	BRENT54.07TL OPENH	EUR	7,5000	7,5000	6,8000	6670,0000	2		6,8000	900			
Certificate	NL0012500920	BRENT54.22BL OPENB	EUR	5,9300	5,9300	5,4350	5930,0000	1		5,4350	1000			
Certificate	DE000CE6EXPO	BRENT54.34TL OPENZ	EUR	6,2550	6,2550	6,2550								
Certificate	DE000CE6EXJ3	BRENT54.98TL OPENZ	EUR	4,5000	5,3800	4,5000	10568,4000	3		4,8050	2180			
Certificate	NL0013157563	BRENT55.22BL OPENB	EUR	4,2600	4,7250	4,2550	1457,8000	2		4,5450	320			
Certificate	NL0012531222	BRENT56.12TL OPENH	EUR	5,4000	5,4000	5,0600	648,0000	1		5,0600	120			



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013157571	BRENT56.22BL OPENB	EUR	3,2900	3,6650	3,2850	7079,6500	3	3,6650	2055				
Certificate	DE000CE6FEH4	BRENT56.88TL OPENZ	EUR	4,0550	4,0550	4,0550			4,0550					
Certificate	DE000VA90RH1	BRENT56.95TL OPENV	EUR	2,5000	3,3150	2,5000	1452,5000	2	2,7150	500				
Certificate	DE000CE6FEA9	BRENT56.97TL OPENZ	EUR	3,0600	3,7600	3,0550	997,0000	3	3,0550	300				
Certificate	NL0013157589	BRENT57.22BL OPENB	EUR	2,3100	3,4000	2,3050	17838,5000	11	2,7750	6350				
Certificate	DE000VL37DS6	BRENT58.07TL OPENV	EUR	3,2900	4,3500	3,2850	8488,3000	6	3,6950	2110				
Certificate	DE000VA90Z54	BRENT58.12TL OPENV	EUR	1,5800	2,0550	1,5750	3,6300	2	1,8450	2				
Certificate	NL0013159734	BRENT58.22BL OPENB	EUR	1,5400	2,5200	1,4650	5181,0500	9	1,8950	2745				
Certificate	DE000CJ3QXQ4	BRENT58.88TL OPENZ	EUR	2,2550	2,2550	2,2550			2,2550					
Certificate	DE000CJ3QPQ0	BRENT58.88TL OPENZ	EUR											
Certificate	DE000CJ3QPN7	BRENT58.93TL OPENZ	EUR											
Certificate	DE000VA90UJ6	BRENT59.12TL OPENV	EUR											
Certificate	DE000VN9HEQ1	BRENT59.14TL OPENV	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	NL0013188279	BRENT59.44TL OPENH	EUR											
Certificate	DE000VA900K4	BRENT60.12TL OPENV	EUR											
Certificate	DE000VN9HER9	BRENT60.14TL OPENV	EUR											
Certificate	NL0013160799	BRENT60.19BL OPENB	EUR											
Certificate	NL0013192388	BRENT60.37TL OPENH	EUR											
Certificate	DE000CJ3QS17	BRENT60.88TL OPENZ	EUR											
Certificate	DE000VN9G5V3	BRENT61.12TL OPENV	EUR											
Certificate	DE000VN9HB88	BRENT62.14TS OPENV	EUR											
Certificate	DE000CJ3QWF9	BRENT62.25TS OPENZ	EUR											
Certificate	NL0013190754	BRENT62.37TS OPENH	EUR											
Certificate	NL0013162811	BRENT62.68BS OPENB	EUR											
Certificate	DE000VN9G692	BRENT63.14TS OPENV	EUR											
Certificate	DE000VA90UM5	BRENT64.04TS OPENV	EUR	3,5050	3,5050	3,5050			3,5050					
Certificate	DE000CJ3QL06	BRENT64.21TS OPENZ	EUR	3,7550	3,7550	3,7550			3,7550					
Certificate	DE000CJ3QL22	BRENT64.25TS OPENZ	EUR	4,8650	4,8650	4,8650			4,8650					
Certificate	NL0013156938	BRENT64.67BS OPENB	EUR	4,2500	4,2500	4,4350	9003,5000	9	4,1050	2250				
Certificate	DE000VA90RD0	BRENT65.04TS OPENV	EUR	4,3950	4,3950	4,3950			4,3950					
Certificate	NL0012549125	BRENT65.33TS OPENH	EUR											
Certificate	NL0013185028	BRENT65.37TS OPENH	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000VA90RE8	BRENT66.04TS OPENV	EUR	5,2750	5,2750	5,2750			5,2750					
Certificate	DE000CJ3QF38	BRENT66.22TS OPENZ	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	NL0012548507	BRENT66.33TS OPENH	EUR											
Certificate	NL0012536635	BRENT66.38TS OPENH	EUR											
Certificate	NL0013155831	BRENT66.66BS OPENB	EUR	5,8650	5,8650	5,8650			5,8650					
Certificate	DE000VA90RF5	BRENT67.04TS OPENV	EUR	6,1450	6,1450	6,1450			6,1450					
Certificate	NL0013184732	BRENT67.37TS OPENH	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	DE000VA9C3V9	BRENT68.04TS OPENV	EUR	6,4000	7,0350	6,3950	1336,0000	2	7,0350	200				
Certificate	DE000CJ3QF46	BRENT68.22TS OPENZ	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	NL0013152937	BRENT68.65BS OPENB	EUR	7,3800	7,6250	7,0300	11740,5000	11	7,6250	1590				
Certificate	DE000VA9CY99	BRENT69.06TS OPENV	EUR	7,9150	7,9150	7,9150			7,9150					
Certificate	DE000VA9CY26	BRENT70.06TS OPENV	EUR	8,8050	8,8050	8,8050			8,8050					
Certificate	DE000CJ3QCJ3	BRENT70.19TS OPENZ	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	NL0013181001	BRENT70.35TS OPENH	EUR	10,9000	10,9000	10,9000			10,9000					
Certificate	NL0013152945	BRENT70.65BS OPENB	EUR	9,3950	9,3950	9,3950			9,3950					
Certificate	DE000VA9CY00	BRENT71.06TS OPENV	EUR	9,6850	9,6850	9,6850			9,6850					
Certificate	DE000VA9CY18	BRENT72.06TS OPENV	EUR	10,5650	10,5650	10,5650			10,5650					
Certificate	DE000CJ3P679	BRENT72.17TS OPENZ	EUR	12,0100	12,0100	12,0100			12,0100					
Certificate	DE000CJ3P927	BRENT72.19TS OPENZ	EUR	10,8100	10,8100	10,8100			10,8100					
Certificate	DE000VA4YYQ0	BRENT72.43TL OPENV	EUR											
Certificate	NL0013152952	BRENT72.65BS OPENB	EUR	11,1650	11,1650	11,1650			11,1650					
Certificate	DE000VA9CY42	BRENT73.06TS OPENV	EUR	11,4450	11,4450	11,4450			11,4450					
Certificate	NL0013132954	BRENT73.33TS OPENH	EUR	13,6200	13,6200	13,6200			13,6200					
Certificate	DE000CJ3P4P1	BRENT74.16TS OPENZ	EUR	13,8000	13,8000	13,8000			13,8000					
Certificate	DE000CJ3P620	BRENT74.19TS OPENZ	EUR	12,5700	12,5700	12,5700			12,5700					
Certificate	NL0013149768	BRENT74.64BS OPENB	EUR	12,7000	12,9250	12,7000	76,2000	1	12,9250	6				
Certificate	DE000CJ3PW38	BRENT76.14TS OPENZ	EUR	15,5800	15,5800	15,5800			15,5800					
Certificate	DE000CJ3PW46	BRENT76.17TS OPENZ	EUR	14,3300	14,3300	14,3300			14,3300					
Certificate	NL0013130974	BRENT76.29TS OPENH	EUR	16,2900	16,2900	16,2900			16,2900					
Certificate	NL0013146665	BRENT76.63BS OPENB	EUR	14,6850	14,6850	14,6850			14,6850					
Certificate	DE000CJ3PWQ8	BRENT78.13TS OPENZ	EUR	17,3800	17,3800	17,3800			17,3800					
Certificate	DE000VA8FXL3	BRENT78.14TS OPENV	EUR	15,8450	15,8450	15,8450			15,8450					
Certificate	DE000CJ3PWPO	BRENT78.15TS OPENZ	EUR	16,0700	16,0700	16,0700			16,0700					
Certificate	NL0013124530	BRENT78.94TS OPENH	EUR	18,7100	18,7100	18,7100			18,7100					
Certificate	DE000VA8FXM1	BRENT79.14TS OPENV	EUR	16,7350	16,7350	16,7350			16,7350					
Certificate	DE000CV89D10	BRENT79.24TS OPENZ	EUR											
Certificate	DE000VA64XH4	BRENT79.92TL OPENV	EUR											
Certificate	NL0013127459	BRENT79.98TS OPENH	EUR	19,6700	19,6700	19,6700			19,6700					
Certificate	DE000CJ3PS34	BRENT80.12TS OPENZ	EUR	17,8100	17,8100	17,8100			17,8100					
Certificate	DE000VA8FXN9	BRENT80.14TS OPENV	EUR	17,6150	17,6150	17,6150			17,6150					



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	DE000CJ3PS42	BRENT80.25TS OPENZ	EUR	19,3000	19,3000	19,3000			19,3000					
Certificate	DE000VA710F7	BRENT81.59TS OPENV	EUR	18,4950	18,4950	18,4950			18,4950					
Certificate	NL0013086200	BRENT81.92TS OPENH	EUR	21,4200	21,4200	21,4200			21,4200					
Certificate	NL0013013428	BRENT82.59BS OPENB	EUR	19,9550	19,9550	19,9550			19,9550					
Certificate	DE000CJ3PAX0	BRENT82.69TS OPENZ	EUR	21,4900	21,4900	21,4900			21,4900					
Certificate	NL0013081730	BRENT84.25TS OPENH	EUR	23,5500	23,5500	23,5500			23,5500					
Certificate	NL0013008048	BRENT84.59BS OPENB	EUR	21,7250	21,7250	21,7250			21,7250					
Certificate	DE000CJ3N302	BRENT85.09TS OPENZ	EUR	22,2100	22,2100	22,2100			22,2100					
Certificate	DE000CJ3N310	BRENT85.16TS OPENZ	EUR	23,7200	23,7200	23,7200			23,7200					
Certificate	NL0012789259	BRENT86.57BS OPENB	EUR	23,4750	23,4750	23,4750			23,4750					
Certificate	NL0012861322	BRENT86.61TS OPENH	EUR	25,7200	25,7200	25,7200			25,7200					
Certificate	DE000VA71AT7	BRENT86.61TS OPENV	EUR	22,8750	22,8750	22,8750			22,8750					
Certificate	DE000CJ3N021	BRENT87.58TS OPENZ	EUR	24,4000	24,4000	24,4000			24,4000					
Certificate	DE000VA7PV59	BRENT87.61TS OPENV	EUR	23,7550	23,7550	23,7550			23,7550					
Certificate	DE000CV88ZL6	BRENT87.76TS OPENZ	EUR	26,0850	26,0850	26,0850			26,0850					
Certificate	NL0012899991	BRENT87.87TS OPENH	EUR	26,8600	26,8600	26,8600			26,8600					
Certificate	DE000VAGT2M4	BRENT88.65TS OPENV	EUR	24,6250	24,6250	24,6250			24,6250					
Certificate	DE000VAGT2P7	BRENT89.65TS OPENV	EUR	25,5050	25,5050	25,5050			25,5050					
Certificate	NL0012899983	BRENT89.85TS OPENH	EUR	28,6500	28,6500	28,6500			28,6500					
Certificate	DE000CV88QG5	BRENT90.05TS OPENZ	EUR	26,6000	26,6000	26,6000			26,6000					
Certificate	LU1756857584	BRENT90.25TPIOPENS	EUR	27,1100	27,1100	26,2200			26,2200					
Certificate	NL0012613764	BRENT90.45TS OPENH	EUR	29,2000	29,2000	29,2000			29,2000					
Certificate	NL0012997563	BRENT90.55BS OPENB	EUR	26,9950	26,9950	26,9950			26,9950					
Certificate	DE000VA64Z49	BRENT90.64TS OPENV	EUR	26,4050	26,4050	26,4050			26,4050					
Certificate	DE000CV88FF0	BRENT90.68TS OPENZ	EUR	28,7150	28,7150	28,7150			28,7150					
Certificate	DE000VA64Z56	BRENT91.64TS OPENV	EUR	27,2850	27,2850	27,2850			27,2850					
Certificate	NL0012904601	BRENT91.91TS OPENH	EUR	30,5200	30,5200	30,5200			30,5200					
Certificate	DE000CJ3NWK6	BRENT92.56TS OPENZ	EUR	28,8200	28,8200	28,8200			28,8200					
Certificate	DE000VA64Z64	BRENT92.64TS OPENV	EUR	28,1650	28,1650	28,1650			28,1650					
Certificate	DE000VA64Z72	BRENT93.64TS OPENV	EUR	29,0450	29,0450	29,0450			29,0450					
Certificate	DE000VA7PU27	BRENT95.61TS OPENV	EUR	30,7950	30,7950	30,7950			30,7950					
Certificate	NL0012557870	BRENT95.68TS OPENH	EUR	33,9600	33,9600	33,9600			33,9600					
Certificate	DE000CJ3QU54	BRUNL 11.5TS OPENZ	EUR	0,1100	0,1100	0,1100			0,1100					
Certificate	DE000CJ3QXK7	BRUNL 6.27TL OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CJ3PIL6	BRUNL 7.07TL OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CJ3NM24	BRUNL 7.87TL OPENZ	EUR	0,2900	0,3000	0,2900	725,0000	2	0,3000	2500				
Certificate	NL0013015845	BRUNL 8.02TL OPENB	EUR	0,5500	0,6000	0,5500			0,6000					
Certificate	DE000CV8AY90	BRUNL 8.94TL OPENZ	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	NL0013007180	BRUNL 9.02TL OPENB	EUR	0,3700	0,4100	0,3700			0,4100					
Certificate	DE000CE6EAA0	BRUNL10.01TL OPENZ	EUR	0,1000	0,1000	0,1000			0,1000					
Certificate	NL0012999213	BRUNL10.03TL OPENB	EUR	0,1800	0,2200	0,1800			0,2200					
Certificate	DE000CJ3PX29	BRUNL10.68TL OPENZ	EUR											
Certificate	DE000CJ3PRV8	BRUNL10.81TL OPENZ	EUR											
Certificate	NL0013154867	BRUNL11.94TS OPENB	EUR	0,5300	0,5300	0,4900			0,4900					
Certificate	DE000CJ3QDD4	BRUNL12.99TS OPENZ	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	DE000CJ3NN49	BRUNL13.27TS OPENZ	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012999247	BRUNL13.94TS OPENB	EUR	0,9600	0,9600	0,9200			0,9200					
Certificate	DE000CV8AXH0	BRUNL14.49TS OPENZ	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CV8AYA3	BRUNL14.67TS OPENZ	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0012999254	BRUNL14.93TS OPENB	EUR	1,1800	1,1800	1,1300			1,1300					
Certificate	DE000CD62RS1	BRUNL16.48TS OPENZ	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CE6EF97	BRUNL15.564TL OPENZ	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000CV8AXG2	BRUNL6.721TL OPENZ	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CE6D657	BRUNL7.733TL OPENZ	EUR	0,2800	0,2800	0,2700	3080,0000	6	0,2700	11000				
Certificate	DE000CE6D4L2	BRUNL8.785TL OPENZ	EUR	0,1600	0,1800	0,1600	1370,0000	3	0,1700	8000				
Certificate	DE000CE6D4K4	BRUNL9.797TL OPENZ	EUR	0,0700	0,0710	0,0680	1735,0000	3	0,0695	25000				
Certificate	NL0012596258	BSANT 5.5TS OPENH	EUR	2,2100	2,2800	2,2100			2,2800					
Certificate	NL0010114740	BSANT 1.71TL OPENB	EUR											
Certificate	NL0011971635	BSANT 3.17TL OPENH	EUR	1,0400	1,0400	1,0000			1,0000					
Certificate	NL0011971817	BSANT 3.38TL OPENH	EUR	0,8500	0,8500	0,8100			0,8100					
Certificate	NL0011989397	BSANT 3.48TL OPENH	EUR	0,7600	0,7600	0,7200			0,7200					
Certificate	NL0012025563	BSANT 3.79TL OPENB	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	NL0013192404	BSANT 4.04TS OPENH	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	NL0013154834	BSANT 4.33TS OPENB	EUR	0,7850	0,7950	0,7850			0,7950					
Certificate	NL0012907174	BSANT 4.54TS OPENH	EUR	1,1500	1,2100	1,1500			1,2100					
Certificate	NL0012889141	BSANT 4.61TS OPENH	EUR	1,2200	1,2800	1,2200			1,2800					
Certificate	NL0012793442	BSANT 4.98TS OPENB	EUR	1,4850	1,4950	1,4850			1,4950					
Certificate	NL0012862577	BSANT 5.15TS OPENH	EUR	1,8300	1,8900	1,8300			1,8900					
Certificate	NL0012890834	BSANT 5.21TS OPENH	EUR	1,8900	1,9500	1,8900			1,9500					
Certificate	NL0012683221	BSANT 5.76TS OPENB	EUR	2,3150	2,3250	2,3150			2,3250					
Certificate	NL0012369268	BSANT 5.94TS OPENH	EUR	2,7000	2,7600	2,7000			2,7600					
Certificate	NL0012239362	BSANT 6.08TS OPENH	EUR	2,9000	2,9600	2,9000			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	NL0012203087	BSANT 6.21TS OPENH	EUR	3,0500	3,1200	3,0500			3,1200					
Certificate	DE000CV8AWC3	BSANT2.893TL OPENZ	EUR	1,0200	1,0200	0,9600			0,9600					
Certificate	DE000CD62JF5	BSANT3.393TL OPENZ	EUR	0,5200	0,5200	0,4700			0,4700					
Certificate	DE000CD63CA9	BSANT3.894TL OPENZ	EUR											
Certificate	DE000CV885W0	BSGR 10.23TL OPENZ	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	DE000CV885X8	BSGR 11.29TL OPENZ	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000CV885Y6	BSGR 12.35TL OPENZ	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000CJ3PRN5	BSLN 31.74TL OPENZ	EUR	1,5650	1,5650	1,5050			1,5050					
Certificate	DE000CJ3NU40	BSLN 37.23TL OPENZ	EUR	1,1150	1,1150	1,0550			1,0550					
Certificate	DE000CV880K6	BSLN 43.61TL OPENZ	EUR	0,5850	0,5850	0,5350			0,5350					
Certificate	DE000CV88W75	BT 1.384TL OPENZ	EUR	1,2500	1,2650	1,2500			1,2650					
Certificate	DE000CV87ZB9	BT 1.592TL OPENZ	EUR	1,0200	1,0350	1,0200			1,0350					
Certificate	DE000CV4ZUX9	BT 1.793TL OPENZ	EUR	0,7900	0,8050	0,7900			0,8050					
Certificate	DE000CV89RV0	BT 1.996TL OPENZ	EUR	0,5700	0,5850	0,5700			0,5850					
Certificate	DE000CJ3N2E1	BT 2.247TL OPENZ	EUR	0,2900	0,3050	0,2900			0,3050					
Certificate	DE000CV89879	BTP 104.5TL OPENZ	EUR	21,6650	21,6650	21,6650			21,6650					
Certificate	DE000CE6CAM9	BTP 109.8TL OPENZ	EUR	16,5750	16,5750	16,5750			16,5750					
Certificate	DE000CV89DX6	BTP 114.9TL OPENZ	EUR	11,5450	11,5450	11,5450			11,5450					
Certificate	DE000CV89887	BTP 126.3TS OPENZ	EUR	5,6550	5,6550	5,6550			5,6550					
Certificate	DE000CV894H3	BTP 131.1TS OPENZ	EUR	10,5650	10,5650	10,5650			10,5650					
Certificate	DE000CV508M9	BTP 135.9TS OPENZ	EUR	15,4750	15,4750	15,4750			15,4750					
Certificate	DE000CV508N7	BTP 140.7TS OPENZ	EUR	20,3550	20,3550	20,3550			20,3550					
Certificate	DE000CV882T3	BTP 145.5TS OPENZ	EUR	25,2950	25,2950	25,2950			25,2950					
Certificate	NL0012796726	BUND LEVOPENZ	EUR	57,7400	57,7400	57,7400			57,7400					
Certificate	NL0012796718	BUND SHROPENZ	EUR	42,4700	42,4700	42,4700			42,4700					
Certificate	NL0012312797	BUND 146TL OPENH	EUR	20,4300	20,4300	20,4300			20,4300					
Certificate	NL0012846646	BUND 179TS OPENH	EUR	19,1800	19,1800	19,1800			19,1800					
Certificate	NL0012372403	BUND 226TS OPENH	EUR	67,1000	67,1000	67,1000			67,1000					
Certificate	DE000CR9R2M7	BUND 145.TL OPENZ	EUR	18,5100	18,5100	18,5100			18,5100					
Certificate	DE000CN6HR18	BUND 153.TL OPENZ	EUR	10,5800	10,5800	10,5800			10,5800					
Certificate	DE000CD61AE9	BUND 166.TS OPENZ	EUR	2,9000	2,9000	2,6550	2359,2500	4	2,6550	825				
Certificate	NL0012372585	BUND 95.1TL OPENH	EUR	70,2600	70,2600	70,2600			70,2600					
Certificate	NL0012565220	BUND 107.1TL OPENH	EUR	58,5700	58,5700	58,5700			58,5700					
Certificate	NL0012312888	BUND 112.7TL OPENH	EUR	53,0700	53,0700	53,0700			53,0700					
Certificate	DE000CR9Q732	BUND 118.7TL OPENZ	EUR	44,8200	44,8200	44,8200			44,8200					
Certificate	NL0012312870	BUND 120.9TL OPENH	EUR	45,0200	45,0200	45,0200			45,0200					
Certificate	NL0012312862	BUND 125.4TL OPENH	EUR	40,6100	40,6100	40,6100			40,6100					
Certificate	DE000CR4J7E8	BUND 127.4TL OPENZ	EUR	36,0900	36,0900	36,0900			36,0900					
Certificate	NL0010126934	BUND 129.7TL OPENB	EUR	36,3500	36,3500	36,3500			36,3500					
Certificate	NL0012312854	BUND 129.9TL OPENH	EUR	36,1900	36,1900	36,1900			36,1900					
Certificate	DE000CR9R2P0	BUND 131.9TL OPENZ	EUR	31,6250	31,6250	31,6250			31,6250					
Certificate	NL0012312847	BUND 134.1TL OPENH	EUR	32,1000	32,1000	32,1000			32,1000					
Certificate	NL0012372577	BUND 135.2TL OPENH	EUR	30,9800	30,9800	30,9800			30,9800					
Certificate	DE000CR9Q740	BUND 136.2TL OPENZ	EUR	27,3500	27,3500	27,3500			27,3500					
Certificate	NL0012608038	BUND 136.4TL OPENH	EUR	29,8100	29,8100	29,8100			29,8100					
Certificate	NL0012372569	BUND 137.2TL OPENH	EUR	29,0000	29,0000	29,0000			29,0000					
Certificate	NL0012312839	BUND 138.6TL OPENH	EUR	27,6400	27,6400	27,6400			27,6400					
Certificate	NL0010659975	BUND 139.5TL OPENB	EUR	26,6900	26,6900	26,6900			26,6900					
Certificate	NL0012372551	BUND 140.2TL OPENH	EUR	26,0300	26,0300	26,0300			26,0300					
Certificate	DE000CR9Q757	BUND 140.6TL OPENZ	EUR	22,9800	22,9800	22,9800			22,9800					
Certificate	NL0012536577	BUND 141.3TL OPENH	EUR	24,9700	24,9700	24,9700			24,9700					
Certificate	NL0012312821	BUND 142.4TL OPENH	EUR	23,9400	23,9400	23,9400			23,9400					
Certificate	NL0012312813	BUND 143.6TL OPENH	EUR	22,7100	22,7100	22,7100			22,7100					
Certificate	NL0012312805	BUND 144.6TL OPENH	EUR	21,7300	21,7300	21,7300			21,7300					
Certificate	NL0012312789	BUND 147.2TL OPENH	EUR	19,2400	19,2400	19,2400			19,2400					
Certificate	NL0012312771	BUND 148.1TL OPENH	EUR	18,3100	18,3100	18,3100			18,3100					
Certificate	DE000CR9R2N5	BUND 149.4TL OPENZ	EUR	14,1550	14,1550	14,1550			14,1550					
Certificate	NL0012372544	BUND 149.6TL OPENH	EUR	16,8100	16,8100	16,8100			16,8100					
Certificate	NL0012372536	BUND 150.6TL OPENH	EUR	15,8300	15,8300	15,8300			15,8300					
Certificate	NL0012372528	BUND 151.7TL OPENH	EUR	14,8400	14,8400	14,8400			14,8400					
Certificate	NL0012310353	BUND 153.2TL OPENH	EUR	13,3600	13,3600	13,3600			13,3600					
Certificate	NL0012583553	BUND 153.7TL OPENH	EUR	12,7900	12,7900	12,7900			12,7900					
Certificate	NL0012310346	BUND 155.2TL OPENH	EUR	11,3700	11,3700	11,3700			11,3700					
Certificate	DE000CV4ZV15	BUND 155.5TL OPENZ	EUR	8,0250	8,0250	8,0250			8,0250					
Certificate	NL0012600399	BUND 156.5TL OPENH	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	NL0012918684	BUND 157.5TL OPENH	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	NL0012920888	BUND 158.4TL OPENH	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	DE000CJ3P802	BUND 159.4TL OPENZ	EUR	4,1350	4,1350	4,1350			4,1350					
Certificate	NL0012310312	BUND 163.2TS OPENH	EUR											
Certificate	NL0012372510	BUND 164.7TS OPENH	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	NL0011895420	BUND 166.1TS OPENH	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	NL0012372502	BUND 167.7TS OPENH	EUR	7,5900	7,5900	7,5900			7,5900					



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	NL0012372494	BUND 168.6TS OPENH	EUR	8,5600	8,5600	8,5600			8,5600					
Certificate	NL0012372486	BUND 169.6TS OPENH	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	DE000CE6C618	BUND 169.9TS OPENZ	EUR	7,0900	7,0900	6,5200	354,5000	1	6,5200	50				
Certificate	NL0011895412	BUND 170.9TS OPENH	EUR	10,0000	10,0000	10,0000			10,0000					
Certificate	NL0012523880	BUND 171.5TS OPENH	EUR	11,5500	11,5500	11,5500			11,5500					
Certificate	NL0012586572	BUND 172.5TS OPENH	EUR	12,5600	12,5600	12,5600			12,5600					
Certificate	NL0012372478	BUND 173.4TS OPENH	EUR	13,4900	13,4900	13,4900			13,4900					
Certificate	DE000CE6C626	BUND 173.7TS OPENZ	EUR	10,9200	10,9200	10,3200	1092,0000	1	10,3200	100				
Certificate	NL0012374185	BUND 174.3TS OPENH	EUR	14,4000	14,4000	14,4000			14,4000					
Certificate	NL0012431589	BUND 175.4TS OPENH	EUR	15,4900	15,4900	15,4900			15,4900					
Certificate	NL0011895404	BUND 175.7TS OPENH	EUR	14,8700	14,8700	14,8700			14,8700					
Certificate	NL0012439632	BUND 177.1TS OPENH	EUR	17,2100	17,2100	17,2100			17,2100					
Certificate	DE000CE6C634	BUND 177.5TS OPENZ	EUR	14,1200	14,1200	14,1200			14,1200					
Certificate	NL0012537526	BUND 178.1TS OPENH	EUR	18,2100	18,2100	18,2100			18,2100					
Certificate	NL0012548069	BUND 180.1TS OPENH	EUR	20,3200	20,3200	20,3200			20,3200					
Certificate	NL0011895396	BUND 180.4TS OPENH	EUR	19,6400	19,6400	19,6400			19,6400					
Certificate	DE000CE6CE17	BUND 181.3TS OPENZ	EUR	17,9300	17,9300	17,9300			17,9300					
Certificate	NL0012905129	BUND 181.7TS OPENH	EUR	21,9200	21,9200	21,9200			21,9200					
Certificate	NL0012894240	BUND 182.5TS OPENH	EUR	22,7600	22,7600	22,7600			22,7600					
Certificate	DE000CV4Z1J2	BUND 185.2TS OPENZ	EUR	21,7900	21,7900	21,7900			21,7900					
Certificate	NL0012372460	BUND 187.1TS OPENH	EUR	27,4100	27,4100	27,4100			27,4100					
Certificate	NL0012372452	BUND 191.9TS OPENH	EUR	32,3500	32,3500	32,3500			32,3500					
Certificate	DE000CJ3QF61	BUND 193.2TS OPENZ	EUR	29,8600	29,8600	29,8600			29,8600					
Certificate	NL0012372445	BUND 196.8TS OPENH	EUR	37,3300	37,3300	37,3300			37,3300					
Certificate	NL0012372437	BUND 201.7TS OPENH	EUR	42,3600	42,3600	42,3600			42,3600					
Certificate	NL0012372429	BUND 206.6TS OPENH	EUR	47,3100	47,3100	47,3100			47,3100					
Certificate	NL0012372411	BUND 216.3TS OPENH	EUR	57,2000	57,2000	57,2000			57,2000					
Certificate	NL0012920144	BUND 235.7TS OPENH	EUR	77,0300	77,0300	77,0300			77,0300					
Certificate	NL0010766762	BUXL 139.2TL OPENB	EUR	47,1300	47,1300	47,1300			47,1300					
Certificate	NL0010733796	BVLAG STN0920V	EUR	101,9500	102,2000	101,9500			102,2000					
Certificate	NL0010872032	BVLAQ STN0121V	USD											
Certificate	NL0010872040	BVLAR STN0121V	USD	104,4500	104,4500	104,4500			104,4500					
Certificate	DE000CJ3NWF6	BYDC 49TL OPENZ	EUR											
Certificate	DE000CJ3N1M6	BYDC 36.44TL OPENZ	EUR	2,3700	2,3750	2,3700			2,3750					
Certificate	DE000CJ3NWE9	BYDC 42.52TL OPENZ	EUR	1,7300	1,7300	1,7250			1,7250					
Certificate	DE000CJ3PYX0	BYDC 48.68TL OPENZ	EUR	1,0800	1,0800	1,0750			1,0750					
Certificate	FR0013123478	CA15S SHROPENS	EUR											
Certificate	DE000CJ3PL31	CABK 2.195TL OPENZ	EUR											
Certificate	DE000CV88582	CABK 2.601TL OPENZ	EUR											
Certificate	DE000CV4YY21	CABK 3.096TL OPENZ	EUR											
Certificate	DE000CJ3QCPO	CABK 3.495TL OPENZ	EUR											
Certificate	NL0009066752	CAC40 350TL OPENB	EUR	44,7100	44,7100	44,7100			44,7100					
Certificate	NL0006471948	CAC40 1290TL OPENB	EUR	35,4300	35,4300	35,4300			35,4300					
Certificate	NL0009070994	CAC40 1860TL OPENB	EUR	29,8000	29,8000	29,8000			29,8000					
Certificate	NL0010129862	CAC40 2570TL OPENB	EUR	22,8400	22,8400	22,8400			22,8400					
Certificate	DE000CT9E629	CAC40 2625TL OPENC	EUR	26,0700	26,0700	26,0700			26,0700					
Certificate	NL0011416797	CAC40 2799TRLOPENH	EUR	20,0400	20,0400	20,0400			20,0400					
Certificate	NL0012849038	CAC40 2830TL OPENH	EUR	20,2500	20,2500	20,2500			20,2500					
Certificate	NL0010251922	CAC40 2860TL OPENB	EUR	20,0600	20,0600	20,0600			20,0600					
Certificate	NL0010252144	CAC40 2910TL OPENB	EUR	19,5000	19,5000	19,5000			19,5000					
Certificate	NL0011416789	CAC40 3015TRLOPENH	EUR	17,8800	17,8800	17,8800			17,8800					
Certificate	NL0010441374	CAC40 3200TL OPENB	EUR	16,6400	16,6400	16,6400			16,6400					
Certificate	DE000CZ2EVN3	CAC40 3393TL OPENZ	EUR	14,1300	14,1300	14,1300			14,1300					
Certificate	NL0010891594	CAC40 3430TL OPENB	EUR	14,4200	14,4200	14,4200			14,4200					
Certificate	NL0011053822	CAC40 3435TRLOPENH	EUR	13,6800	13,6800	13,6800			13,6800					
Certificate	NL0011035589	CAC40 3510TL OPENH	EUR	13,6500	13,6500	13,6500			13,6500					
Certificate	DE000CN6JQ58	CAC40 3543TL OPENZ	EUR	12,6400	12,6400	12,6400			12,6400					
Certificate	NL0012861108	CAC40 3560TL OPENH	EUR	13,1300	13,1300	13,1300			13,1300					
Certificate	NL0011648423	CAC40 3600TL OPENB	EUR	12,7900	12,7900	12,7900			12,7900					
Certificate	DE000CN6J40	CAC40 3647TL OPENZ	EUR	11,6100	11,6100	11,6100			11,6100					
Certificate	NL0011037791	CAC40 3659TRLOPENH	EUR	11,4300	11,4300	11,4300			11,4300					
Certificate	DE000CX01JU0	CAC40 3700TL OPENC	EUR	13,5100	13,5100	13,5100			13,5100					
Certificate	DE000CZ79PB8	CAC40 3751TL OPENZ	EUR	10,5700	10,5700	10,5700			10,5700					
Certificate	DE000CW3AMZ5	CAC40 3800TL OPENC	EUR	12,9800	12,9800	12,9800			12,9800					
Certificate	DE000CX0JXV7	CAC40 3800TL OPENC	EUR	13,4100	13,4100	13,4100			13,4100					
Certificate	DE000CN6HJX5	CAC40 3876TL OPENZ	EUR	9,3200	9,3200	9,3200			9,3200					
Certificate	DE000CX59NM7	CAC40 3900TL OPENC	EUR	11,0700	11,0700	11,0700			11,0700					
Certificate	DE000CX008G0	CAC40 3900TL OPENC	EUR	11,9800	11,9800	11,9800			11,9800					
Certificate	NL0011891742	CAC40 3951TRLOPENH	EUR	8,5300	8,5300	8,5300			8,5300					
Certificate	DE000CN6JSQ6	CAC40 3979TL OPENZ	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	DE000CX00855	CAC40 4000TL OPENC	EUR	11,3700	11,3700	11,3700			11,3700					
Certificate	DE000CX01YU9	CAC40 4000TL OPENC	EUR	10,0000	10,0000	10,0000			10,0000					



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	NL0013164593	CAC40 4071BL OPENB	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	NL0011908231	CAC40 4080TL OPENB	EUR	8,0700	8,0700	8,0400	64,5600	1	8,0400	8				
Certificate	DE000CD61TX9	CAC40 4081TL OPENZ	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	DE000CX0KWN4	CAC40 4100TL OPENC	EUR	8,9600	8,9600	8,9600			8,9600					
Certificate	NL0011927447	CAC40 4110TL OPENH	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	NL0011972328	CAC40 4148TRLOPENH	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	NL0013018229	CAC40 4172BL OPENB	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	DE000CD62650	CAC40 4183TL OPENZ	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	DE000CX0KXF8	CAC40 4200TL OPENC	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	DE000CX01JV8	CAC40 4200TL OPENC	EUR											
Certificate	DE000CX59BU5	CAC40 4200TL OPENC	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	LU1841028381	CAC40 4216TCIOPENS	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	NL0012098008	CAC40 4230TL OPENH	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	NL0013018237	CAC40 4272BL OPENB	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	DE000CD62668	CAC40 4286TL OPENZ	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	DE000CX598L0	CAC40 4300TL OPENC	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	NL0012097992	CAC40 4330TL OPENH	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0012906036	CAC40 4358TRLOPENH	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	NL0012038160	CAC40 4360TL OPENB	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	NL0012037147	CAC40 4372BL OPENB	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	NL0013190010	CAC40 4382TRLOPENH	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000CD63JY4	CAC40 4387TL OPENZ	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	DE000CX59RM8	CAC40 4400TL OPENC	EUR	6,3700	6,3700	6,3700			6,3700					
Certificate	DE000CX59LS8	CAC40 4400TL OPENC	EUR	5,9600	5,9600	5,9600			5,9600					
Certificate	DE000VNH9CN2	CAC40 4406TL OPENV	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	NL0013190002	CAC40 4422TRLOPENH	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	LU1841028464	CAC40 4427TCIOPENS	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000VNG9G73	CAC40 4432TL OPENV	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	NL0012097968	CAC40 4440TL OPENH	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	NL0013189996	CAC40 4442TRLOPENH	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0013008063	CAC40 4444BL OPENB	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	DE000VNG981	CAC40 4457TL OPENV	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	NL0013189988	CAC40 4462TRLOPENH	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000VNG9999	CAC40 4482TL OPENV	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000CD63XM0	CAC40 4487TL OPENZ	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0013183072	CAC40 4488TRLOPENH	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	LU1876972636	CAC40 4500TCIOPENS	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	DE000CY52806	CAC40 4500TL OPENC	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	DE000CP06859	CAC40 4500TL OPENC	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	DE000CX59UL4	CAC40 4500TL OPENC	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	DE000CQ5A9R6	CAC40 4500TL OPENC	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000CY50MF0	CAC40 4500TL OPENC	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CY50853	CAC40 4500TL OPENC	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	DE000CQ5ALV9	CAC40 4500TL OPENC	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000CY50T71	CAC40 4500TL OPENC	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	NL0013086598	CAC40 4508TRLOPENH	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	NL0012098776	CAC40 4510TL OPENB	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	NL0013126261	CAC40 4520TL OPENH	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000VA8F4A9	CAC40 4531TL OPENV	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	NL0012097000	CAC40 4539TRLOPENH	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0013008071	CAC40 4545BL OPENB	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	LU1876972719	CAC40 4550TCIOPENS	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	DE000VA8F4B7	CAC40 4556TL OPENV	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	NL0013086580	CAC40 4569TRLOPENH	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0013087190	CAC40 4570TL OPENH	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	DE000VA8FUQ8	CAC40 4581TL OPENV	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000CD63YE5	CAC40 4588TL OPENZ	EUR	2,1500	2,2600	2,1500	2,1500	1	2,2600	1				
Certificate	NL0013086572	CAC40 4589TRLOPENH	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	LU1876972800	CAC40 4600TCIOPENS	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	DE000CX59Z26	CAC40 4600TL OPENC	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	DE000CY51NA7	CAC40 4600TL OPENC	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	DE000CX59Y43	CAC40 4600TL OPENC	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	NL0012572119	CAC40 4600TL OPENH	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000VA8FUS4	CAC40 4606TL OPENV	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0013086564	CAC40 4609TRLOPENH	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	LU1840976564	CAC40 4627TCIOPENS	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000VA8FUU0	CAC40 4631TL OPENV	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	NL0013190416	CAC40 4640TL OPENH	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	NL0013082837	CAC40 4642TRLOPENH	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	NL0013008089	CAC40 4645BL OPENB	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0012114896	CAC40 4660TL OPENB	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	LU1876972982	CAC40 4675TCIOPENS	EUR	1,4300	1,4300	1,4300			1,4300					



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	NL0013082258	CAC40 4675TRLOPENH	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0012197180	CAC40 4680TL OPENH	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	DE000CJ3QWU8	CAC40 4686TL OPENZ	EUR											
Certificate	NL0012175988	CAC40 4696TRLOPENH	EUR	1,6300	1,6300	1,1200	1367,0000	2	1,1200	900				
Certificate	DE000CQ5AXD2	CAC40 4700TL OPENC	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000CY0AL30	CAC40 4700TL OPENC	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	LU1840976648	CAC40 4713TCIOPENS	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	NL0013080831	CAC40 4726TRLOPENH	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	NL0013008097	CAC40 4746BL OPENB	EUR											
Certificate	NL0013081391	CAC40 4750TL OPENH	EUR											
Certificate	DE000VL9VUA4	CAC40 4757TL OPENV	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	NL0013080823	CAC40 4765TRLOPENH	EUR											
Certificate	NL0012120356	CAC40 4770TL OPENB	EUR											
Certificate	LU1876973014	CAC40 4775TCIOPENS	EUR											
Certificate	DE000VL9VUB2	CAC40 4782TL OPENV	EUR	0,9000	1,1800	0,7150	9195,7400	9	1,0000	9596				
Certificate	DE000CE6BTX8	CAC40 4786TL OPENZ	EUR											
Certificate	NL0013085814	CAC40 4793TRLOPENH	EUR											
Certificate	DE000CY16BD9	CAC40 4800TL OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CQ5AXR2	CAC40 4800TL OPENC	EUR											
Certificate	DE000CY16CR7	CAC40 4800TL OPENC	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000VA9CSG8	CAC40 4806TL OPENV	EUR											
Certificate	DE000VL9VUC0	CAC40 4807TL OPENV	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	NL0012200711	CAC40 4809TRLOPENH	EUR											
Certificate	LU1840976721	CAC40 4820TCIOPENS	EUR											
Certificate	NL0012899819	CAC40 4820TL OPENH	EUR											
Certificate	NL0012687081	CAC40 4844BL OPENB	EUR											
Certificate	NL0013078447	CAC40 4844TRLOPENH	EUR											
Certificate	LU1876838233	CAC40 4850TCIOPENS	EUR											
Certificate	DE000VA8F543	CAC40 4856TL OPENV	EUR											
Certificate	NL0013084106	CAC40 4870TL OPENH	EUR											
Certificate	LU1876838316	CAC40 4875TCIOPENS	EUR											
Certificate	NL0012208136	CAC40 4879TRLOPENH	EUR											
Certificate	NL0013015100	CAC40 4880TL OPENB	EUR											
Certificate	DE000CE6COS6	CAC40 4886TL OPENZ	EUR											
Certificate	DE000VN6GN04	CAC40 4887TL OPENV	EUR											
Certificate	DE000VN9HFB0	CAC40 4895TS OPENV	EUR											
Certificate	LU1876838407	CAC40 4900TCIOPENS	EUR											
Certificate	DE000CY16GH9	CAC40 4900TL OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CP23904	CAC40 4900TL OPENC	EUR											
Certificate	NL0013190408	CAC40 4900TS OPENH	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000VL61TF9	CAC40 4902TL OPENV	EUR											
Certificate	NL0013188469	CAC40 4904TRLOPENH	EUR											
Certificate	NL0013191828	CAC40 4904TRSOPEH	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000VA90Y63	CAC40 4910TL OPENV	EUR											
Certificate	DE000VA90WK5	CAC40 4911TL OPENV	EUR											
Certificate	NL0013185317	CAC40 4920TL OPENH	EUR											
Certificate	DE000VN9HFE4	CAC40 4920TS OPENV	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	NL0013187669	CAC40 4925TRLOPENH	EUR											
Certificate	DE000VA90087	CAC40 4936TL OPENV	EUR											
Certificate	NL0013189970	CAC40 4939TRSOPEH	EUR	1,4000	1,4500	0,9900	5352,9000	7	1,4500	4510				
Certificate	NL0013164718	CAC40 4944BS OPENB	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	NL0013187651	CAC40 4944TRLOPENH	EUR											
Certificate	DE000VN9HCM4	CAC40 4945TS OPENV	EUR	1,7000	1,7450	1,0150	7162,0000	8	1,5300	5600				
Certificate	LU1876838589	CAC40 4950TCIOPENS	EUR											
Certificate	LU1876973105	CAC40 4950TCIOPENS	EUR											
Certificate	NL0013163785	CAC40 4950TS OPENB	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000VL76G11	CAC40 4954TL OPENV	EUR											
Certificate	NL0013189962	CAC40 4959TRSOPEH	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	NL0013188006	CAC40 4960TL OPENH	EUR											
Certificate	NL0013190390	CAC40 4960TS OPENH	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	DE000VA901A3	CAC40 4961TL OPENV	EUR											
Certificate	NL0013187644	CAC40 4964TRLOPENH	EUR											
Certificate	DE000VN9G940	CAC40 4970TS OPENV	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CJ3QUN7	CAC40 4974TS OPENZ	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	LU1876838662	CAC40 4975TCIOPENS	EUR											
Certificate	NL0013189954	CAC40 4979TRSOPEH	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	NL0013160377	CAC40 4980TL OPENB	EUR											
Certificate	NL0013187636	CAC40 4984TRLOPENH	EUR											
Certificate	DE000VA901C9	CAC40 4986TL OPENV	EUR											
Certificate	DE000VN9G957	CAC40 4995TS OPENV	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	NL0013189947	CAC40 4999TRSOPEH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	LU1876838746	CAC40 5000TCIOPENS	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	LU1876973287	CAC40 5000TCIOPENS	EUR											
Certificate	DE000CV16RN4	CAC40 5000TL OPENC	EUR											
Certificate	DE000CP23RL2	CAC40 5000TS OPENC	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	DE000CP23PH4	CAC40 5000TS OPENC	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	NL0013187628	CAC40 5004TRLOPENH	EUR											
Certificate	NL0013189939	CAC40 5019TRSOPENH	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0013187990	CAC40 5020TL OPENH	EUR											
Certificate	NL0013190382	CAC40 5020TS OPENH	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	DE000VN9G965	CAC40 5020TS OPENV	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	LU1876838829	CAC40 5025TCIOPENS	EUR											
Certificate	NL0013189921	CAC40 5039TRSOPENH	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	NL0013162936	CAC40 5044BS OPENB	EUR	2,9200	2,9200	2,3100	137438,5000	22	2,7100	53050				
Certificate	DE000VN9G7X5	CAC40 5045TS OPENV	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	LU1876973360	CAC40 5050TCIOPENS	EUR											
Certificate	LU1876841450	CAC40 5050TPIOPIENS	EUR											
Certificate	NL0013163793	CAC40 5050TS OPENB	EUR	2,6300	3,0100	2,6300	8370,0000	2	3,0100	3000				
Certificate	NL0013189913	CAC40 5059TRSOPENH	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0013189434	CAC40 5060TS OPENH	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	DE000VN9G7Y3	CAC40 5070TS OPENV	EUR	3,0000	3,0000	2,2300	303,0000	3	2,7700	125				
Certificate	DE000CJ3QTE8	CAC40 5074TS OPENZ	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	LU1876841534	CAC40 5075TPIOPIENS	EUR											
Certificate	NL0013189186	CAC40 5079TRSOPENH	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000VN9G7Z0	CAC40 5095TS OPENV	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	LU1876969764	CAC40 5100TPIOPIENS	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	LU1876841617	CAC40 5100TPIOPIENS	EUR											
Certificate	DE000CP23PJ0	CAC40 5100TS OPENC	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0013183023	CAC40 5111TRSOPENH	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	NL0013134166	CAC40 5120TS OPENH	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	LU1876841708	CAC40 5125TPIOPIENS	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	NL0013182504	CAC40 5130TRSOPENH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000VA9C4R5	CAC40 5131TS OPENV	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	NL0013155187	CAC40 5143BS OPENB	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0013085475	CAC40 5146TRSOPENH	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	LU1876841880	CAC40 5150TPIOPIENS	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	NL0013015258	CAC40 5150TS OPENB	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000VA9C274	CAC40 5156TS OPENV	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	NL0013085236	CAC40 5170TS OPENH	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	DE000CJ3QBG1	CAC40 5173TS OPENZ	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	NL0013082811	CAC40 5174TRSOPENH	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000VA8FUL9	CAC40 5192TS OPENV	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000CV52ZH4	CAC40 5200TS OPENC	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	DE000CP236M5	CAC40 5200TS OPENC	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	NL0013082803	CAC40 5204TRSOPENH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000VA8FUN5	CAC40 5217TS OPENV	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	NL0013081375	CAC40 5220TS OPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0013080815	CAC40 5224TRSOPENH	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	DE000VA8FRZ5	CAC40 5242TS OPENV	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	NL0013011273	CAC40 5243BS OPENB	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	LU1840974353	CAC40 5244TPIOPIENS	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	NL0013080807	CAC40 5254TRSOPENH	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	NL0013009400	CAC40 5260TS OPENB	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	DE000VA7THT2	CAC40 5268TS OPENV	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	DE000CJ3N4A5	CAC40 5272TS OPENZ	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	NL0013080799	CAC40 5284TRSOPENH	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	NL0013081367	CAC40 5290TS OPENH	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	DE000VA7THV8	CAC40 5293TS OPENV	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	DE000CP06V65	CAC40 5300TS OPENC	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	LU1840974437	CAC40 5302TPIOPIENS	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	NL0013080781	CAC40 5313TRSOPENH	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	DE000VA7THW6	CAC40 5318TS OPENV	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	NL0013131808	CAC40 5320TS OPENH	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000VA1SSN7	CAC40 5324TL OPENV	EUR											
Certificate	NL0013008444	CAC40 5342BS OPENB	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0013080773	CAC40 5343TRSOPENH	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	DE000VA71LX1	CAC40 5343TS OPENV	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	NL0013007792	CAC40 5360TS OPENB	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	DE000VA71LY9	CAC40 5368TS OPENV	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	DE000CJ3N146	CAC40 5371TS OPENZ	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	NL0013079510	CAC40 5373TRSOPENH	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	NL0012914469	CAC40 5380TL OPENH	EUR											
Certificate	NL0013079502	CAC40 5383TRSOPENH	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	NL0012909923	CAC40 5390TL 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	NL0013079221	CAC40 5390TS OPENH	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	NL0012915821	CAC40 5392TRLOPENH	EUR											
Certificate	NL0013079494	CAC40 5392TRSOPENH	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	DE000VA7TEU7	CAC40 5394TS OPENV	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	DE000CQ5AXS0	CAC40 5400TL OPENC	EUR											
Certificate	DE000CQ5AXE0	CAC40 5400TL OPENC	EUR											
Certificate	LU1876841963	CAC40 5400TPIOPENS	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	DE000CP07BP0	CAC40 5400TS OPENC	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	DE000CP06V73	CAC40 5400TS OPENC	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	NL0013079080	CAC40 5400TS OPENH	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	LU1840959800	CAC40 5402TPIOPENS	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	NL0013079486	CAC40 5402TRSOPENH	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0013078439	CAC40 5409TRSOPENH	EUR	6,1300	6,1300	6,1300			6,1300					
Certificate	NL0012915813	CAC40 5412TRLOPENH	EUR											
Certificate	DE000VA7TEV5	CAC40 5419TS OPENV	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	NL0012915250	CAC40 5430TL OPENH	EUR											
Certificate	NL0012915805	CAC40 5430TRLOPENH	EUR											
Certificate	NL0013126824	CAC40 5431TRSOPENH	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	NL0013127764	CAC40 5432TRSOPENH	EUR	6,3700	6,3700	6,3700			6,3700					
Certificate	NL0013078421	CAC40 5439TRSOPENH	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	NL0013006117	CAC40 5441BS OPENB	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	DE000VA7TAZ4	CAC40 5447TS OPENV	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	NL0013005382	CAC40 5460TS OPENB	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	NL0012907810	CAC40 5460TS OPENH	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	NL0013185754	CAC40 5468TRSOPENH	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	NL0013078413	CAC40 5468TRSOPENH	EUR	6,7300	6,7300	6,7300			6,7300					
Certificate	NL0013186232	CAC40 5469TRSOPENH	EUR	6,7300	6,7300	6,7300			6,7300					
Certificate	DE000CJ3NZW4	CAC40 5471TS OPENZ	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	DE000VA7TA19	CAC40 5472TS OPENV	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	LU1840910464	CAC40 5479TPIOPENS	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	NL0012915243	CAC40 5490TL OPENH	EUR											
Certificate	NL0013078132	CAC40 5493TRSOPENH	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	DE000VA7TA35	CAC40 5497TS OPENV	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	LU1876842003	CAC40 5500TPIOPENS	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	DE000CP06V81	CAC40 5500TS OPENC	EUR	6,8400	6,8400	6,8400			6,8400					
Certificate	DE000CP23RM0	CAC40 5500TS OPENC	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	DE000CP064K5	CAC40 5500TS OPENC	EUR											
Certificate	NL0012920649	CAC40 5520TS OPENH	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	NL0013188451	CAC40 5521TRSOPENH	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	DE000VA7PWG6	CAC40 5522TS OPENV	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	NL0012916316	CAC40 5523TRSOPENH	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	NL0013181126	CAC40 5526TRSOPENH	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	NL0013182108	CAC40 5528TRSOPENH	EUR	7,3200	7,3200	7,3200			7,3200					
Certificate	NL0012530059	CAC40 5532TRSOPENH	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	NL0012786461	CAC40 5539BS OPENB	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	LU1876842185	CAC40 5540TPIOPENS	EUR	7,3700	7,3700	7,3700			7,3700					
Certificate	NL0013148729	CAC40 5550BOC1219B	EUR	48,5400	48,9200	48,5400			48,9200					
Certificate	NL0012539878	CAC40 5550TS OPENH	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	NL0012905350	CAC40 5554TRSOPENH	EUR	7,5800	7,5800	7,5800			7,5800					
Certificate	NL0012785687	CAC40 5560TS OPENB	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	DE000CE6CGS3	CAC40 5568TS OPENZ	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	NL0012916308	CAC40 5572TRSOPENH	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	NL0012529085	CAC40 5580TS OPENH	EUR	8,9300	8,9300	8,9300			8,9300					
Certificate	NL0012905343	CAC40 5584TRSOPENH	EUR	7,8800	7,8800	7,8800			7,8800					
Certificate	NL0012051643	CAC40 5590TS OPENH	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	NL0012904049	CAC40 5607TRSOPENH	EUR	8,1100	8,1100	8,1100			8,1100					
Certificate	NL0012890586	CAC40 5610TS OPENH	EUR	9,2500	9,2500	9,2500			9,2500					
Certificate	NL0012905657	CAC40 5615TRSOPENH	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	DE000VA15UL4	CAC40 5627TS OPENV	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	NL0011590393	CAC40 5628TRSOPENH	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	NL0012895064	CAC40 5640TS OPENH	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	NL0012790786	CAC40 5643BS OPENB	EUR	8,7000	8,7000	8,7000			8,7000					
Certificate	NL0012918882	CAC40 5646TRSOPENH	EUR	8,5100	8,5100	8,5100			8,5100					
Certificate	DE000VA15UN0	CAC40 5652TS OPENV	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	NL0012905640	CAC40 5655TRSOPENH	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	DE000CE6CSU4	CAC40 5669TS OPENZ	EUR	8,7500	8,7500	8,7500			8,7500					
Certificate	LU1876842268	CAC40 5675TPIOPENS	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	NL0012904031	CAC40 5676TRSOPENH	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	NL0011227905	CAC40 5680TS OPENH	EUR	10,0100	10,0100	10,0100			10,0100					
Certificate	NL0012557235	CAC40 5689TRSOPENH	EUR	8,9300	8,9300	8,9300			8,9300					
Certificate	LU1876842342	CAC40 5700TPIOPENS	EUR	8,9700	8,9700	8,9700			8,9700					
Certificate	DE000CQ5BLX3	CAC40 5700TS OPENC	EUR	8,4100	8,4100	8,4100			8,4100					



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	NL0012905632	CAC40 571STRSOPENH	EUR	9,1900	9,1900	9,1900			9,1900					
Certificate	NL0012860068	CAC40 5730TS OPENH	EUR	10,4800	10,4800	10,4800			10,4800					
Certificate	NL0012520100	CAC40 5735TRSOPENH	EUR											
Certificate	NL0012904775	CAC40 5751TRSOPENH	EUR	9,5600	9,5600	9,5600			9,5600					
Certificate	NL0012558068	CAC40 5760TS OPENH	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	DE000VA15QS7	CAC40 5765TS OPENV	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	DE000CE6D194	CAC40 5788TS OPENZ	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	NL0012791693	CAC40 5790TS OPENB	EUR	11,1600	11,1650	10,7450	20894,0000	7	10,9500	1900				
Certificate	DE000CY52EW8	CAC40 5800TS OPENC	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	NL0012848584	CAC40 5800TS OPENH	EUR	11,2500	11,2500	11,2500			11,2500					
Certificate	NL0012848253	CAC40 5806TRSOPENH	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	LU1790508979	CAC40 5818TPIOPENS	EUR	9,5700	9,5700	9,5700			9,5700					
Certificate	NL0013003155	CAC40 5830TS OPENB	EUR	10,9100	10,9100	10,9100			10,9100					
Certificate	NL0012905624	CAC40 5834TRSOPENH	EUR	10,3800	10,3800	10,3800			10,3800					
Certificate	NL0012909055	CAC40 5850TS OPENH	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	LU1651904085	CAC40 5866TPIOPENS	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	NL0012904767	CAC40 5871TRSOPENH	EUR	10,7500	10,7500	10,7500			10,7500					
Certificate	DE000CE6F1F8	CAC40 5886TS OPENZ	EUR	10,9200	10,9200	10,9200			10,9200					
Certificate	NL0012860944	CAC40 5890TS OPENH	EUR	12,0900	12,0900	12,0900			12,0900					
Certificate	NL0012905616	CAC40 5894TRSOPENH	EUR	10,9800	10,9800	10,9800			10,9800					
Certificate	NL0012894943	CAC40 5900TS OPENH	EUR	12,2300	12,2300	12,2300			12,2300					
Certificate	LU1695124005	CAC40 5903TPIOPENS	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	NL0012864045	CAC40 5928TRSOPENH	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	NL0012243141	CAC40 5930TS OPENH	EUR	12,5300	12,5300	12,5300			12,5300					
Certificate	NL0012269641	CAC40 5940BOC1218B	EUR	58,8500	58,9500	58,8500			58,9500					
Certificate	DE000VA1ZD97	CAC40 5959TS OPENV	EUR	9,7300	9,7300	9,7300			9,7300					
Certificate	DE000VL2FX77	CAC40 5970TS OPENV	EUR	8,4700	8,4700	8,4700			8,4700					
Certificate	DE000VL37H42	CAC40 5971TS OPENV	EUR	9,6300	9,6300	9,6300			9,6300					
Certificate	NL0012097729	CAC40 5980TS OPENH	EUR	13,0400	13,0400	13,0400			13,0400					
Certificate	NL0012905608	CAC40 5983TRSOPENH	EUR	11,8700	11,8700	11,8700			11,8700					
Certificate	DE000VA1ZEB7	CAC40 5984TS OPENV	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	DE000CE6FA83	CAC40 5988TS OPENZ	EUR	11,9300	11,9300	11,9300			11,9300					
Certificate	DE000CQ5BNL4	CAC40 6000TS OPENC	EUR	11,4300	11,4300	11,4300			11,4300					
Certificate	DE000CY16XV5	CAC40 6000TS OPENC	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	DE000CY52ND9	CAC40 6000TS OPENC	EUR	9,8700	9,8700	9,8700			9,8700					
Certificate	DE000CY50412	CAC40 6000TS OPENC	EUR	8,8700	8,8700	8,8700			8,8700					
Certificate	DE000CQ5BA14	CAC40 6000TS OPENC	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	DE000VA1ZED3	CAC40 6009TS OPENV	EUR	10,2200	10,2200	10,2200			10,2200					
Certificate	DE000VL2FYA4	CAC40 6020TS OPENV	EUR	8,9600	8,9600	8,9600			8,9600					
Certificate	DE000VL37H59	CAC40 6021TS OPENV	EUR	10,1300	10,1300	10,1300			10,1300					
Certificate	DE000VN66L71	CAC40 6031TS OPENV	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	DE000VN66M21	CAC40 6031TS OPENV	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	DE000VA1ZEE1	CAC40 6034TS OPENV	EUR	10,4700	10,4700	10,4700			10,4700					
Certificate	NL0012903819	CAC40 6050TS OPENH	EUR	13,8100	13,8100	13,8100			13,8100					
Certificate	DE000VA1ZEF8	CAC40 6059TS OPENV	EUR	10,7200	10,7200	10,7200			10,7200					
Certificate	DE000VL2FYC0	CAC40 6070TS OPENV	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	DE000VL37H67	CAC40 6071TS OPENV	EUR	10,6300	10,6300	10,6300			10,6300					
Certificate	DE000VN66L97	CAC40 6081TS OPENV	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	DE000VN66M47	CAC40 6081TS OPENV	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	DE000VA1ZEG6	CAC40 6084TS OPENV	EUR	10,9600	10,9600	10,9600			10,9600					
Certificate	DE000CE6FCK2	CAC40 6084TS OPENZ	EUR	12,9000	12,9000	12,9000			12,9000					
Certificate	DE000VA15QU3	CAC40 6090TS OPENV	EUR	11,4100	11,4100	11,4100			11,4100					
Certificate	LU1756868433	CAC40 6091TPIOPENS	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	NL0013187610	CAC40 6100TRSOPENH	EUR	13,0400	13,0400	13,0400			13,0400					
Certificate	DE000CY52EX6	CAC40 6100TS OPENC	EUR	10,3100	10,3100	10,3100			10,3100					
Certificate	DE000VA15QW9	CAC40 6115TS OPENV	EUR	11,6600	11,6600	11,6600			11,6600					
Certificate	DE000VA15QX7	CAC40 6140TS OPENV	EUR	11,9100	11,9100	11,9100			11,9100					
Certificate	NL0012905590	CAC40 6142TRSOPENH	EUR	13,4600	13,4600	13,4600			13,4600					
Certificate	DE000VA15QZ2	CAC40 6165TS OPENV	EUR	12,1500	12,1500	12,1500			12,1500					
Certificate	DE000CY16XW3	CAC40 6200TS OPENC	EUR	9,7900	9,7900	9,7900			9,7900					
Certificate	DE000CY16F96	CAC40 6200TS OPENC	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	DE000CY51G18	CAC40 6200TS OPENC	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	NL0012906028	CAC40 6291TRSOPENH	EUR	14,9600	14,9600	14,9600			14,9600					
Certificate	DE000CV89051	CAC40 6293TS OPENZ	EUR	14,9800	14,9800	14,9800			14,9800					
Certificate	NL0012903801	CAC40 6300TS OPENH	EUR	16,3500	16,3500	16,3500			16,3500					
Certificate	DE000CY52RY6	CAC40 6400TS OPENC	EUR	13,4300	13,4300	13,4300			13,4300					
Certificate	DE000CY501L3	CAC40 6400TS OPENC	EUR	12,3200	12,3200	12,3200			12,3200					
Certificate	NL0012196562	CAC40 6451TRSOPENH	EUR	16,5500	16,5500	16,5500			16,5500					
Certificate	DE000CV87MQ5	CAC40 6483TS OPENZ	EUR	16,8900	16,8900	16,8900			16,8900					
Certificate	DE000CQ58AU2	CAC40 6500TS OPENC	EUR	16,1800	16,1800	16,1800			16,1800					
Certificate	DE000CQ5A9T2	CAC40 6500TS OPENC	EUR	14,9500	14,9500	14,9500			14,9500					
Certificate	DE000CY16H60	CAC40 6500TS OPENC	EUR	12,2500	12,2500	12,2500			12,2500					



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	DE000CY50QT2	CAC40 6500TS OPENC	EUR	13,9600	13,9600	13,9600			13,9600					
Certificate	NL0012175947	CAC40 6538TRSOPENH	EUR	17,4200	17,4200	17,4200			17,4200					
Certificate	DE000CQ5AC16	CAC40 6600TS OPENC	EUR	15,5200	15,5200	15,5200			15,5200					
Certificate	DE000CY50LJ4	CAC40 6600TS OPENC	EUR	14,4700	14,4700	14,4700			14,4700					
Certificate	NL0012202071	CAC40 6727TRSOPENH	EUR	19,3100	19,3100	19,3100			19,3100					
Certificate	DE000CY52AT2	CAC40 6800TS OPENC	EUR	17,0700	17,0700	17,0700			17,0700					
Certificate	DE000CQ5BEV2	CAC40 6800TS OPENC	EUR	19,1000	19,1000	19,1000			19,1000					
Certificate	NL0012860894	CAC40 6810TS OPENH	EUR	21,5600	21,5600	21,5600			21,5600					
Certificate	DE000CV88L52	CAC40 6891TS OPENZ	EUR	20,9700	20,9700	20,9700			20,9700					
Certificate	DE000CY52GA9	CAC40 7000TS OPENC	EUR	19,5800	19,5800	19,5800			19,5800					
Certificate	NL0012906010	CAC40 7086TRSOPENH	EUR	22,9000	22,9000	22,9000			22,9000					
Certificate	NL0013082241	CAC40 7254TRSOPENH	EUR	24,5800	24,5800	24,5800			24,5800					
Certificate	NL0012524300	CAC40 7486TRSOPENH	EUR	26,9000	26,9000	26,9000			26,9000					
Certificate	NL0012523591	CAC40 7580TS OPENH	EUR	29,3300	29,3300	29,3300			29,3300					
Certificate	NL0012906002	CAC40 7831TRSOPENH	EUR	30,3500	30,3500	30,3500			30,3500					
Certificate	NL0012520092	CAC40 7895TRSOPENH	EUR											
Certificate	DE000CX592U4	CAGR1 8TL OPENC	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CX59KA8	CAGR1 9TL OPENC	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	DE000CX59PD1	CAGR1 9TL OPENC	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CQ5BE21	CAGR1 9TL OPENC	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CX59PE9	CAGR1 10TL OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CX59KB6	CAGR1 10TL OPENC	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	DE000CX59UY7	CAGR1 11TL OPENC	EUR											
Certificate	DE000CP23NH9	CAGR1 11TS OPENC	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CY16RZ8	CAGR1 12TL OPENC	EUR											
Certificate	DE000CP23284	CAGR1 12TS OPENC	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CP06TU4	CAGR1 13TS OPENC	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	DE000CY52VF7	CAGR1 15TS OPENC	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	DE000CQ5ACS4	CAGR1 16TS OPENC	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	DE000CY50GX5	CAGR1 16TS OPENC	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CY500G5	CAGR1 16TS OPENC	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	DE000CY16WS3	CAGR1 18TS OPENC	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	DE000CY50EN1	CAGR1 18TS OPENC	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	DE000CD63PN4	CAGR1 9.9TL OPENZ	EUR											
Certificate	NL0012582522	CAGR1 13.7TS OPENH	EUR	5,3200	5,3700	5,3200			5,3700					
Certificate	NL0010133906	CAGR1 2.01TL OPENB	EUR	8,0250	8,0250	8,0250			8,0250					
Certificate	NL0012313944	CAGR1 20.5TS OPENH	EUR	12,8800	12,9300	12,8800			12,9300					
Certificate	NL0011599709	CAGR1 3.33TL OPENH	EUR	6,8800	6,8800	6,8700			6,8700					
Certificate	NL0010379244	CAGR1 4.07TL OPENB	EUR	6,1450	6,1450	6,1450			6,1450					
Certificate	NL0011413075	CAGR1 4.57TL OPENH	EUR	5,7500	5,7500	5,7400			5,7400					
Certificate	NL0012056279	CAGR1 8.16TL OPENH	EUR	2,4900	2,4900	2,4800			2,4800					
Certificate	NL0012049795	CAGR1 9.22TL OPENH	EUR	1,5200	1,5200	1,5100			1,5100					
Certificate	NL0012115091	CAGR110.51TL OPENB	EUR											
Certificate	NL0012559678	CAGR114.66TS OPENH	EUR	6,3900	6,4400	6,3900			6,4400					
Certificate	NL0012560932	CAGR114.66TS OPENH	EUR	6,3900	6,4400	6,3900			6,4400					
Certificate	NL0012107510	CAGR114.85TS OPENB	EUR	6,5750	6,5950	6,5750			6,5950					
Certificate	NL0012054050	CAGR115.67TS OPENH	EUR	7,5100	7,5600	7,5100			7,5600					
Certificate	NL0012049779	CAGR116.11TS OPENH	EUR	8,0000	8,0500	8,0000			8,0500					
Certificate	NL0012313969	CAGR118.09TS OPENH	EUR	10,2000	10,2500	10,2000			10,2500					
Certificate	NL0012313951	CAGR118.57TS OPENH	EUR	10,7400	10,7900	10,7400			10,7900					
Certificate	NL0012371710	CAGR122.47TS OPENH	EUR	15,0600	15,1100	15,0600			15,1100					
Certificate	DE000CV898J0	CAGR17.905TL OPENZ	EUR	2,1550	2,1550	1,9900	1010,0000	1	1,9900	500				
Certificate	DE000CV89P40	CAGR18.903TL OPENZ	EUR	1,1650	1,1650	1,0000			1,0000					
Certificate	NL0012023543	CAMEC 6.7TL OPENB	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	NL0012985469	CAPGE 116TS OPENB	EUR	3,1050	3,1050	2,9050			2,9050					
Certificate	NL0010926572	CAPGE 59.2TL OPENB	EUR	4,0150	4,2150	4,0150			4,2150					
Certificate	NL0011652094	CAPGE 69.8TL OPENB	EUR	3,0350	3,2350	3,0350			3,2350					
Certificate	NL0012120661	CAPGE 80.1TL OPENB	EUR	2,0850	2,2850	2,0850			2,2850					
Certificate	NL0012259543	CAPGE 84.2TL OPENB	EUR	1,7050	1,9050	1,7050			1,9050					
Certificate	NL0013015878	CAPGE 90.2TL OPENB	EUR	1,1450	1,3450	1,1450			1,3450					
Certificate	NL0013017064	CAPGE 94.2TL OPENB	EUR											
Certificate	NL0013018039	CAPGE 96.2TL OPENB	EUR											
Certificate	NL0013159304	CAPGE 98.2TL OPENB	EUR											
Certificate	NL0013159312	CAPGE100.2TL OPENB	EUR											
Certificate	NL0013162506	CAPGE101.2TS OPENB	EUR	1,5050	1,5050	1,3050			1,3050					
Certificate	NL0013162514	CAPGE104.2TS OPENB	EUR	1,8350	1,8350	1,6250			1,6250					
Certificate	NL0013154271	CAPGE110.2TS OPENB	EUR	2,4750	2,4750	2,2650			2,2650					
Certificate	NL0013010051	CAPGE113.2TS OPENB	EUR	2,7950	2,7950	2,5950			2,5950					
Certificate	NL0013005564	CAPGE119.2TS OPENB	EUR	3,4450	3,4450	3,2450			3,2450					
Certificate	DE000CN6JXM5	CAPGE72.03TL OPENZ	EUR	2,4000	2,4700	2,4000			2,4700					
Certificate	DE000CE6BW65	CAPGE80.95TL OPENZ	EUR	1,5200	1,5900	1,5200			1,5900					
Certificate	DE000CE6CRK7	CAPGE90.86TL OPENZ	EUR	0,5400	0,6200	0,5400			0,6200					



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
Certificate	DE000CE6E820	CARBO 5.46TL OPENZ	EUR	15,4200	15,4200	15,4200			15,4200					
Certificate	DE000CV87EV2	CARBO 9.17TL OPENZ	EUR	11,8200	11,8200	11,8200			11,8200					
Certificate	DE000CV87V10	CARBO 9.94TL OPENZ	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	DE000CV88509	CARBO12.52TL OPENZ	EUR	9,3000	9,3000	8,5000	2834,6000	2		322				
Certificate	DE000CJ3QA66	CARBO15.54TL OPENZ	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	DE000CV885M1	CARBO17.22TL OPENZ	EUR											
Certificate	DE000CJ3QA74	CARBO18.16TL OPENZ	EUR											
Certificate	DE000CJ3NJA4	CARBO24.51TS OPENZ	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	DE000CV88BR3	CARBO29.36TS OPENZ	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	DE000CN6EPG4	CARLS 468.TL OPENZ	EUR	0,6850	0,6850	0,6650			0,6650					
Certificate	DE000CR6XTE7	CARLS517.7TL OPENZ	EUR	0,5550	0,5550	0,5350			0,5350					
Certificate	DE000CN6WAA2	CARLS566.8TL OPENZ	EUR	0,4150	0,4150	0,4050			0,4050					
Certificate	DE000CE6DC59	CARLS670.9TL OPENZ	EUR	0,1450	0,1450	0,1250			0,1250					
Certificate	NL0011419098	CATER 52.5TL OPENH	EUR	65,6000	65,7900	65,6000			65,7900					
Certificate	NL0000455343	CEC PI OPENN	EUR	17,0200	17,0200	17,0200			17,0200					
Certificate	NL0009070499	CEC 500TL OPENB	EUR	12,2800	12,2800	12,2800			12,2800					
Certificate	NL0012793996	CEC 1520TL OPENB	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0013145550	CEC 1620TL OPENB	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0013160385	CEC 1720TL OPENB	EUR											
Certificate	NL0013165194	CEC 1800TS OPENB	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	NL0012687925	CEC 1900TS OPENB	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0013160468	CEC 2000TS OPENB	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	NL0013018013	CEVA 22.03TL OPENB	EUR	8,5800	8,5800	8,5000			8,5000					
Certificate	NL0013018005	CEVA 24.23TL OPENB	EUR	6,7900	6,7900	6,7100			6,7100					
Certificate	NL0012998173	CFEB 124.8S OPENB	EUR	1,9150	1,9150	1,9050			1,9050					
Certificate	NL0012998165	CFEB 109.18S OPENB	EUR	1,1750	1,1750	1,1650			1,1650					
Certificate	DE000CV4Z2K5	CFEB 113.8TS OPENZ	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	DE000CV4ZJ70	CFEB 126.9TS OPENZ	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CJ3QJ67	CFEB 53.88TL OPENZ	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0013163975	CFEB 57.93BL OPENB	EUR	1,5550	1,5650	1,5550			1,5650					
Certificate	DE000CJ3N627	CFEB 59.88TL OPENZ	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	DE000CV89B46	CFEB 66.79TL OPENZ	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0013008667	CFEB 67.94BL OPENB	EUR	1,0550	1,0650	1,0550			1,0650					
Certificate	DE000CN6G1P7	CFEB 77.57TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0012997944	CFEB 77.98BL OPENB	EUR	0,5550	0,5650	0,5550			0,5650					
Certificate	DE000CD62VR5	CFEB 85.04TL OPENZ	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0013158009	CFEB 87.96BL OPENB	EUR											
Certificate	NL0013163272	CFEB 94.12BS OPENB	EUR	0,4250	0,4250	0,4150			0,4150					
Certificate	NL0012437115	CFOUR 20TS OPENH	EUR	6,5800	6,8800	6,5800			6,8800					
Certificate	NL0012437107	CFOUR 22.9TS OPENH	EUR	9,7200	10,0200	9,7200			10,0200					
Certificate	NL0013131220	CFOUR 26.7TS OPENH	EUR	13,8100	14,1200	13,8100			14,1200					
Certificate	NL0010113866	CFOUR 7.58TL OPENB	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	NL0012313993	CFOUR 7.98TL OPENH	EUR	7,6400	7,6400	7,4700			7,4700					
Certificate	DE000CV88590	CFOUR10.79TL OPENZ	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0010128989	CFOUR10.95TL OPENB	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	NL0012313985	CFOUR11.05TL OPENH	EUR	4,7900	4,7900	4,6100			4,6100					
Certificate	DE000CV89P32	CFOUR11.78TL OPENZ	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CE6EKF8	CFOUR12.78TL OPENZ	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	NL0012794366	CFOUR12.97TL OPENB	EUR	2,9800	2,9800	2,8200			2,8200					
Certificate	NL0012932347	CFOUR13.44TL OPENH	EUR	2,5600	2,5600	2,3800			2,3800					
Certificate	NL0012985105	CFOUR13.97TL OPENB	EUR	2,0500	2,0500	1,8900			1,8900					
Certificate	DE000CV88328	CFOUR14.76TL OPENZ	EUR											
Certificate	NL0012897839	CFOUR14.78TL OPENH	EUR											
Certificate	NL0012996706	CFOUR14.96TL OPENB	EUR											
Certificate	NL0013159478	CFOUR16.97TS OPENB	EUR	3,3000	3,4700	3,3000			3,4700					
Certificate	NL0012492383	CFOUR18.97TS OPENB	EUR	5,4400	5,6100	5,4400			5,6100					
Certificate	NL0012572614	CFOUR19.18TS OPENH	EUR	5,6900	6,0000	5,6900			6,0000					
Certificate	NL0012572606	CFOUR19.67TS OPENH	EUR	6,2200	6,5300	6,2200			6,5300					
Certificate	NL0013014202	CFOUR20.97TS OPENB	EUR	7,6000	7,7700	7,6000			7,7700					
Certificate	NL0011599733	CFOUR23.57TS OPENH	EUR	10,4400	10,7400	10,4400			10,7400					
Certificate	NL0012211379	CFOUR27.57TS OPENH	EUR	14,7700	15,0700	14,7700			15,0700					
Certificate	NL0011415583	CFOUR28.92TS OPENH	EUR	16,2200	16,5300	16,2200			16,5300					
Certificate	NL0012313977	CFOUR33.51TS OPENH	EUR	21,1700	21,4800	21,1700			21,4800					
Certificate	DE000CV89P24	CFOUR8.769TL OPENZ	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CJ3N575	CHCST 4.42TL OPENZ	EUR	2,5550	2,5550	2,5400			2,5400					
Certificate	DE000CV89TH5	CHCST 5.11TL OPENZ	EUR	1,8250	1,8250	1,8100			1,8100					
Certificate	DE000CJ3PE71	CHCST 5.82TL OPENZ	EUR	1,0750	1,0750	1,0500			1,0500					
Certificate	DE000CV89TJ1	CHCST 6.13TL OPENZ	EUR											
Certificate	NL0006472730	CHMOB 22TL OPENB	EUR	2,4750	2,4750	2,4750			2,4750					
Certificate	NL0009068931	CHMOB 16.2TL OPENB	EUR	2,9550	2,9550	2,9550			2,9550					
Certificate	NL0009070697	CHMOB 27.7TL OPENB	EUR	2,0050	2,0050	2,0050			2,0050					
Certificate	NL0009173004	CHMOB 34.1TL OPENB	EUR	1,4750	1,4750	1,4750			1,4750					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV89TM5	CHMOB52.44TL OPENZ	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000CV89TN3	CHMOB63.16TL OPENZ	EUR	1,8750	1,8750	1,8600			1,8600					
Certificate	DE000CJ3QM28	CHMOB72.18TL OPENZ	EUR	0,9150	0,9150	0,9000			0,9000					
Certificate	NL0010129714	CISCO 5.3TL OPENB	EUR	37,3100	37,3100	37,3100			37,3100					
Certificate	NL0009703644	CISCO 7.9TL OPENB	EUR	35,2100	35,2100	35,2100			35,2100					
Certificate	NL0010130662	CISCO 10.1TL OPENB	EUR	33,4300	33,4300	33,4300			33,4300					
Certificate	NL0010252789	CISCO 14.7TL OPENB	EUR	29,7500	29,7500	29,7500			29,7500					
Certificate	NL0011910609	CISCO 27.9TL OPENB	EUR	19,0900	19,0900	19,0900			19,0900					
Certificate	DE000CX0KZJ5	CISCO28.19TL OPENC	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	NL0010135158	CITI 31.61TL OPENB	EUR	25,3800	25,3800	25,3800			25,3800					
Certificate	NL0011915152	CITI 43.41TL OPENB	EUR	16,2900	16,2900	16,2900			16,2900					
Certificate	NL0012024707	CITI 48.12TL OPENB	EUR	12,6600	12,6600	12,6600			12,6600					
Certificate	DE000VA545W2	CL1 SHROPE NV	EUR	9,7650	9,7650	9,7650			9,7650					
Certificate	DE000VA234S1	CL1 SHROPE NV	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	DE000CJ3PS27	CLARI13.91TL OPENZ	EUR	0,9400	0,9400	0,9250			0,9250					
Certificate	DE000CJ3N4P3	CLARI16.41TL OPENZ	EUR	0,5100	0,5100	0,4950			0,4950					
Certificate	DE000CV8AV36	CLARI18.89TL OPENZ	EUR											
Certificate	DE000CV89TK9	CLIFE 15.2TL OPENZ	EUR	0,2150	0,2150	0,1950			0,1950					
Certificate	DE000CJ3PSA0	CLIFE11.05TL OPENZ	EUR	0,6550	0,6550	0,6350			0,6350					
Certificate	DE000CV8BAA1	CLIFE13.06TL OPENZ	EUR	0,4350	0,4350	0,4250			0,4250					
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 SHROPE NV	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	DE000VL51Z25	CO1 SHROPE NV	EUR	0,0550	0,0550	0,0550			0,0550					
Certificate	NL0010111233	COCA 31TL OPENB	EUR	36,3000	36,3000	36,3000			36,3000					
Certificate	NL0006469876	COCA 9.6TL OPENB	EUR	71,4800	71,4800	71,4800			71,4800					
Certificate	DE000CD61R26	COCA 24.2TL OPENZ	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	NL0009809797	COCA 25.6TL OPENB	EUR	45,1800	45,1800	45,1800			45,1800					
Certificate	NL0010374534	COCA 34.1TL OPENB	EUR	15,5600	15,5600	15,5600			15,5600					
Certificate	NL0012510390	COCA 55.3TS OPENB	EUR	9,3150	9,3150	9,3150			9,3150					
Certificate	NL0013154883	COCA 60.8TS OPENB	EUR	14,5650	14,5650	14,5650			14,5650					
Certificate	DE000CR6XYR9	COCA 23.06TL OPENZ	EUR	21,4700	21,6800	21,4700			21,6800					
Certificate	DE000CD613T4	COCA 27.82TL OPENZ	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	NL0011414198	COCA 28.44TL OPENH	EUR	20,0300	20,2200	20,0300			20,2200					
Certificate	DE000CR6X7Z2	COCA 28.92TL OPENZ	EUR	16,3100	16,4900	16,3100			16,4900					
Certificate	NL0011414180	COCA 30.64TL OPENH	EUR	18,2200	18,4100	18,2200			18,4100					
Certificate	NL0011414172	COCA 32.84TL OPENH	EUR	16,4200	16,6000	16,4200			16,6000					
Certificate	DE000CV89SL9	COCA 33.01TL OPENZ	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0011414164	COCA 35.04TL OPENH	EUR	14,6200	14,7900	14,6200			14,7900					
Certificate	DE000CR1J070	COCA 35.17TL OPENZ	EUR	12,4800	12,6200	12,4800			12,6200					
Certificate	NL0011414156	COCA 37.24TL OPENH	EUR	12,8200	12,9800	12,8200			12,9800					
Certificate	DE000CR4HYM8	COCA 37.79TL OPENZ	EUR	10,1400	10,2700	10,1400			10,2700					
Certificate	DE000CJ3P1A9	COCA 38.32TL OPENZ	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0011414149	COCA 39.44TL OPENH	EUR	11,0200	11,1600	11,0200			11,1600					
Certificate	NL0011414081	COCA 53.74TS OPENH	EUR	7,8500	7,8500	7,7900			7,7900					
Certificate	NL0011414073	COCA 59.56TS OPENH	EUR	13,3800	13,3800	13,3500			13,3500					
Certificate	NL0013110497	COCOA LEVOPENZ	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0013110505	COCOA SHROPE NV	EUR	10,4300	10,4300	10,4300			10,4300					
Certificate	DE000CE6CG15	COCOA 1600TL OPENZ	EUR	4,9700	5,0050	4,9700	497,0000	1	5,0050	100				
Certificate	DE000CE6CG23	COCOA 1710TL OPENZ	EUR	4,7000	4,7000	4,1200	5395,0000	3	4,1200	1200				
Certificate	DE000CE6BJ59	COCOA 1820TL OPENZ	EUR	3,1250	3,1250	3,1250			3,1250					
Certificate	DE000CE6BJR1	COCOA 1940TL OPENZ	EUR	2,1100	2,1450	2,1100	211,0000	1	2,1450	100				
Certificate	DE000CJ3QKG2	COCOA 2300TS OPENZ	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	DE000CV8AHY8	COCOA 2510TS OPENZ	EUR	4,3250	4,3250	4,3250			4,3250					
Certificate	DE000CV89D02	COCOA 2700TS OPENZ	EUR	6,0850	6,0850	6,0850			6,0850					
Certificate	DE000CV894M3	COCOA 2890TS OPENZ	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	DE000CV87XH1	COCOA 3090TS OPENZ	EUR	9,6150	9,6150	9,6150			9,6150					
Certificate	DE000CB1N1X2	COCOA 3480TS OPENZ	EUR	13,1500	13,1500	13,1500			13,1500					
Certificate	DE000VN611C9	COFFE LEVOPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VA1ZH54	COFFE LEVOPENV	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	DE000VA545Z5	COFFE LEVOPENV	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	DE000VN611D7	COFFE LEVOPENV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000VN611B1	COFFE LEVOPENV	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	DE000VN611E5	COFFE SHROPE NV	EUR	26,2250	26,2250	26,2250			26,2250					
Certificate	DE000VN611G0	COFFE SHROPE NV	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000VN611F2	COFFE SHROPE NV	EUR	16,2300	16,2300	16,2300			16,2300					
Certificate	DE000CJ3QS25	COFFE 1.14TS OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000CE6DB76	COFFE 1.71TS OPENZ	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	DE000CV8B1K4	COFFE0.854TL OPENZ	EUR	1,8000	1,8000	1,6950	2675,0000	2	1,6950	1500				
Certificate	DE000CV88WU4	COFFE0.935TL OPENZ	EUR	1,1900	1,1900	0,9900	1289,0000	2	0,9900	1090				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3NOH8	COFFE1.034TL OPENZ	EUR											
Certificate	DE000CV8B1L2	COFFE1.161TS OPENZ	EUR											
Certificate	DE000CJ3P893	COFFE1.239TS OPENZ	EUR	2,1750	2,1750	2,1750				2,1750				
Certificate	DE000CV89GN0	COFFE1.342TS OPENZ	EUR	3,1050	3,1050	3,1050				3,1050				
Certificate	DE000CV87J57	COFFE1.415TS OPENZ	EUR	3,7600	3,7600	3,7600				3,7600				
Certificate	DE000CV4Z1V7	COFFE1.489TS OPENZ	EUR	4,4250	4,4250	4,4250				4,4250				
Certificate	DE000CE6EGH2	COFFE1.597TS OPENZ	EUR	5,4050	5,4050	5,4050				5,4050				
Certificate	DE000CD62YV1	COFFE2.087TS OPENZ	EUR	9,8250	9,8250	9,8250				9,8250				
Certificate	NL0013002389	COFIN 77.2TL OPENB	EUR	3,8700	3,8900	3,8700				3,8900				
Certificate	NL0012999262	COFIN 87.3TL OPENB	EUR	2,9600	2,9700	2,9600				2,9700				
Certificate	NL0012999270	COFIN 97.3TL OPENB	EUR	2,0500	2,0600	2,0500				2,0600				
Certificate	DE000CJ3NXYS	COFIN102.5TL OPENZ	EUR	0,5550	0,5550	0,5550				0,5550				
Certificate	NL0012999296	COFIN116.5TS OPENB	EUR	2,0300	2,0300	2,0200				2,0200				
Certificate	DE000CV89H16	COFIN118.6TS OPENZ	EUR	0,8350	0,8350	0,8350				0,8350				
Certificate	NL0012999304	COFIN126.5TS OPENB	EUR	3,1500	3,1500	3,1300				3,1300				
Certificate	DE000CJ3P2A7	COFIN133.3TS OPENZ	EUR	1,6050	1,6050	1,6050				1,6050				
Certificate	DE000CR9PUY3	COFIN68.22TL OPENZ	EUR	0,8750	0,8750	0,8750				0,8750				
Certificate	DE000CR9PBQ9	COFIN74.53TL OPENZ	EUR	0,7550	0,7550	0,7550				0,7550				
Certificate	DE000CR9PBP1	COFIN81.81TL OPENZ	EUR	0,6150	0,6150	0,6150				0,6150				
Certificate	DE000CR4JFL5	COFIN85.84TL OPENZ	EUR	0,4550	0,4550	0,4550				0,4550				
Certificate	DE000CN6K2W5	COFIN89.04TL OPENZ	EUR	0,4750	0,4750	0,4750				0,4750				
Certificate	DE000CE6BJC3	COFIN89.72TL OPENZ	EUR	0,9550	0,9550	0,9550				0,9550				
Certificate	DE000CD648M5	COFIN96.32TL OPENZ	EUR	0,3450	0,3450	0,3450				0,3450				
Certificate	DE000CV887Z9	COLRT 43.7L OPENZ	EUR											
Certificate	DE000CE6DPY0	COLRT32.05TL OPENZ	EUR											
Certificate	DE000CR4J456	COLRT34.56TL OPENZ	EUR											
Certificate	DE000CR4J8T4	COLRT37.65TL OPENZ	EUR											
Certificate	DE000CR6XCR5	COLRT41.05TL OPENZ	EUR											
Certificate	DE000CV89VF5	COLRT46.97TL OPENZ	EUR											
Certificate	NL0012992689	COLRT47.32BL OPENB	EUR	1,0850	1,0950	1,0850				1,0950				
Certificate	NL0013018773	COLRT49.33BL OPENB	EUR	0,8850	0,8950	0,8850				0,8950				
Certificate	DE000CJ3P250	COLRT49.94TL OPENZ	EUR											
Certificate	NL0013149875	COLRT51.34BL OPENB	EUR	0,6850	0,6950	0,6850				0,6950				
Certificate	NL0013150444	COLRT53.34BL OPENB	EUR	0,4850	0,4950	0,4850				0,4950				
Certificate	DE000CJ3QBC0	COLRT53.44TL OPENZ	EUR											
Certificate	NL0013158918	COLRT55.34BL OPENB	EUR	0,2850	0,2950	0,2850				0,2950				
Certificate	DE000CV88R15	COLRT58.48TS OPENZ	EUR	0,5000	0,5000	0,3800	1641,0000	4	0,3800	3800				
Certificate	NL0013147531	COLRT59.22BS OPENB	EUR	0,2550	0,2900	0,2450	406,0000	1	0,2450	1400				
Certificate	NL0013150501	COLRT63.21BS OPENB	EUR	0,6550	0,6550	0,6400	192,0000	1	0,6450	300				
Certificate	DE000CV89W41	COLRT63.47TS OPENZ	EUR	1,2300	1,2500	1,2100	2234,0000	3	1,2100	1800				
Certificate	DE000CJ3P4J4	COLRT70.46TS OPENZ	EUR	2,7400	2,7400	2,6100	3392,5000	2	2,6100	1250				
Certificate	DE000CJ3NTG0	CONTI101.4TL OPENZ	EUR	2,2400	2,3850	2,2400				2,3850				
Certificate	DE000CV882M8	CONTI116.5TL OPENZ	EUR	0,7700	0,9150	0,7700				0,9150				
Certificate	NL0011895800	CONTI116.6TL OPENH	EUR	1,4700	1,6300	1,4700				1,6300				
Certificate	NL0013188816	CONTI134.9TS OPENH	EUR	2,1700	2,1700	2,0900				2,0900				
Certificate	NL0013132582	CONTI145.1TS OPENH	EUR	3,2600	3,2600	3,1900				3,1900				
Certificate	NL0012905053	CONTI154.1TS OPENH	EUR	4,2300	4,2300	4,1600				4,1600				
Certificate	NL0012890768	CONTI163.8TS OPENH	EUR	5,2700	5,2700	5,2000				5,2000				
Certificate	NL0012894208	CONTI168.9TS OPENH	EUR	5,8200	5,8200	5,7500				5,7500				
Certificate	NL0012894190	CONTI173.9TS OPENH	EUR	6,3500	6,3500	6,2800				6,2800				
Certificate	NL0012938237	CONTI188.5TS OPENH	EUR	7,9400	7,9400	7,8600				7,8600				
Certificate	NL0012934608	CONTI193.3TS OPENH	EUR	8,4500	8,4500	8,3700				8,3700				
Certificate	NL0012930697	CONTI202.9TS OPENH	EUR	9,4800	9,4800	9,4100				9,4100				
Certificate	NL0012920060	CONTI210.9TS OPENH	EUR	10,3400	10,3400	10,2600				10,2600				
Certificate	NL0012917017	CONTI220.7TS OPENH	EUR	11,4000	11,4000	11,3200				11,3200				
Certificate	NL0012580732	CONTI227.5TS OPENH	EUR	12,1200	12,1200	12,0500				12,0500				
Certificate	NL0012565139	CONTI232.3TS OPENH	EUR	12,6400	12,6400	12,5600				12,5600				
Certificate	NL0012613590	CONTI239.4TS OPENH	EUR	13,4100	13,4100	13,3300				13,3300				
Certificate	NL0012240527	CONTI247.7TS OPENH	EUR	14,3000	14,3000	14,2200				14,2200				
Certificate	NL0012310866	CONTI247.9TS OPENH	EUR	14,3100	14,3100	14,2400				14,2400				
Certificate	NL0012244925	CONTI248.8TS OPENH	EUR	14,4200	14,4200	14,3400				14,3400				
Certificate	NL0011054960	CONTI253.3TS OPENH	EUR	14,9000	14,9000	14,8200				14,8200				
Certificate	NL0012613582	CONTI264.1TS OPENH	EUR	16,0600	16,0600	15,9800				15,9800				
Certificate	NL0012555718	CONTI270.8TS OPENH	EUR	16,7800	16,7800	16,7000				16,7000				
Certificate	NL0012555700	CONTI290.4TS OPENH	EUR	18,8800	18,8800	18,8000				18,8000				
Certificate	NL0012555692	CONTI309.9TS OPENH	EUR	20,9900	20,9900	20,9100				20,9100				
Certificate	DE000CJ3PPF5	CONTI86.34TL OPENZ	EUR	3,7300	3,8850	3,7300				3,8850				
Certificate	DE000CV8A617	COPPE 2.99TS OPENZ	EUR	2,6450	2,6450	2,6450				2,6450				
Certificate	DE000CV88NT5	COPPE 3.38TS OPENZ	EUR	6,1600	6,1600	6,1600				6,1600				
Certificate	DE000CV88L11	COPPE 3.77TS OPENZ	EUR	9,6800	9,6800	9,6800				9,6800				
Certificate	NL0006471856	COPPE 3787TL OPENB	EUR	23,9700	23,9700	23,9700				23,9700				
Certificate	NL0006524969	COPPE 4333TL OPENB	EUR	19,5700	19,5700	19,5700				19,5700				



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	NL0009839745	COPPE 8934TS OPENB	EUR	33,2100	33,2100	33,2100			33,2100					
Certificate	NL0009678903	COPPE 9731TS OPENB	EUR	41,0400	41,0400	41,0400			41,0400					
Certificate	DE000CN6HPK9	COPPE1 988TL OPENZ	EUR	7,2950	7,2950	7,2950				7,2950				
Certificate	DE000CR9RBV5	COPPE2 239TL OPENZ	EUR	5,1100	5,1100	5,1100				5,1100				
Certificate	DE000CD63VL6	COPPE2 528TL OPENZ	EUR	2,5850	2,5850	2,5850				2,5850				
Certificate	DE000CV89SP0	COPPE3 184TS OPENZ	EUR	4,3850	4,3850	4,3850				4,3850				
Certificate	DE000CV88L03	COPPE3 575TS OPENZ	EUR	7,9150	7,9150	7,9150				7,9150				
Certificate	DE000CE6F3R9	COPPE3 961TS OPENZ	EUR	11,4050	11,4050	11,4050				11,4050				
Certificate	DE000CV87ET6	COPPE4 161TS OPENZ	EUR	13,2000	13,2000	13,2000				13,2000				
Certificate	NL0012922256	CORN 2.8TL OPENH	EUR	11,3400	11,3400	11,3400				11,3400				
Certificate	NL0012922249	CORN 3.01TL OPENH	EUR	9,7100	9,7100	9,7100				9,7100				
Certificate	NL0012922231	CORN 3.21TL OPENH	EUR	8,0700	8,0700	8,0700				8,0700				
Certificate	NL0012922223	CORN 3.41TL OPENH	EUR	6,4300	6,4300	6,4300				6,4300				
Certificate	NL0012923064	CORN 3.99TS OPENH	EUR	4,8900	4,8900	4,8900				4,8900				
Certificate	NL0012889901	CORN 4.04TS OPENH	EUR	5,3700	5,3700	5,3700				5,3700				
Certificate	NL0012922181	CORN 4.06TS OPENH	EUR	5,5600	5,5600	5,5600				5,5600				
Certificate	NL0012922272	CORN 4.16TS OPENH	EUR	6,5200	6,5200	6,5200				6,5200				
Certificate	NL0012922264	CORN 4.26TS OPENH	EUR	7,4900	7,4900	7,4900				7,4900				
Certificate	NL0012542880	CORN 4.47TS OPENH	EUR	9,5400	9,5400	9,5400				9,5400				
Certificate	NL0011233150	CORN 5.45TS OPENH	EUR	19,0900	19,0900	19,0900				19,0900				
Certificate	NL0011233143	CORN 5.64TS OPENH	EUR	20,8900	20,8900	20,8900				20,8900				
Certificate	DE000CN6JHU1	COTONO.522TL OPENZ	EUR	2,5900	2,5900	2,5900				2,5900				
Certificate	DE000CN6HGS2	COTONO.558TL OPENZ	EUR	2,2800	2,2800	2,2800				2,2800				
Certificate	DE000CR6X767	COTONO.599TL OPENZ	EUR	1,9250	1,9250	1,9250				1,9250				
Certificate	DE000CN6KS12	COTONO.634TL OPENZ	EUR	1,6250	1,6250	1,6250				1,6250				
Certificate	DE000CN6LCB8	COTONO.674TL OPENZ	EUR	1,2850	1,2850	1,2850				1,2850				
Certificate	DE000CV427D2	COTONO.722TL OPENZ	EUR	0,8750	0,8750	0,8750				0,8750				
Certificate	DE000CJ3QKH0	COTONO.824TS OPENZ	EUR	0,5250	0,5250	0,5250				0,5250				
Certificate	DE000CJ3NLG7	COTONO.903TS OPENZ	EUR	1,2450	1,2450	1,2450				1,2450				
Certificate	DE000CV87NH2	COTONO.976TS OPENZ	EUR	1,9100	1,9100	1,9100				1,9100				
Certificate	DE000CV88NV1	COTON1.049TS OPENZ	EUR	2,5750	2,5750	2,5750				2,5750				
Certificate	DE000CV89895	COTON1.121TS OPENZ	EUR	3,2350	3,2350	3,2350				3,2350				
Certificate	DE000CV875H1	CPRI 4.154TL OPENZ	EUR	3,4700	3,4700	3,3650				3,3650				
Certificate	DE000CV505G7	CPRI 4.659TL OPENZ	EUR	2,9700	2,9700	2,8550				2,8550				
Certificate	DE000CV4YV39	CPRI 5.363TL OPENZ	EUR	2,2600	2,2600	2,1550				2,1550				
Certificate	DE000CJ3PA34	CPRI 6.061TL OPENZ	EUR	1,5700	1,5700	1,4550				1,4550				
Certificate	DE000CJ3P1T9	CPRI 6.858TL OPENZ	EUR	0,7700	0,7700	0,6650				0,6650				
Certificate	NL0011795406	CRBN 18TL OPENB	EUR	8,5400	8,5400	8,5000				8,5000				
Certificate	NL0010010807	CRBN 5.2TL OPENB	EUR	21,0400	21,0400	21,0400				21,0400				
Certificate	DE000CR4JU01	CRBN 12.8TL OPENZ	EUR	11,9900	11,9900	11,9900				11,9900				
Certificate	NL0011089388	CRBN 14.7TL OPENB	EUR	12,0600	12,0600	12,0200				12,0200				
Certificate	NL0011260484	CRBN 15.8TL OPENB	EUR	10,5200	10,5200	10,4800				10,4800				
Certificate	NL0011651567	CRBN 16.9TL OPENB	EUR	9,5700	9,5700	9,5300				9,5300				
Certificate	NL0012033344	CRBN 20.1TL OPENB	EUR	6,6400	6,6400	6,6000				6,6000				
Certificate	NL0012034920	CRBN 21.1TL OPENB	EUR	5,7100	5,7100	5,6700				5,6700				
Certificate	NL0012037923	CRBN 22.2TL OPENB	EUR	4,7700	4,7700	4,7300	1422,0000	1	4,7300	300				
Certificate	NL0012118913	CRBN 23.3TL OPENB	EUR	3,7600	3,7600	3,7200				3,7200				
Certificate	NL0012785786	CRBN 24.8TL OPENB	EUR											
Certificate	NL0013158686	CRBN 26.6TS OPENB	EUR	4,7300	4,7300	4,7100				4,7100				
Certificate	NL0012988208	CRBN 28.6TS OPENB	EUR	6,9300	6,9300	6,9100				6,9100				
Certificate	NL0012261176	CRBN 30.6TS OPENB	EUR	9,1400	9,1400	9,1200				9,1200				
Certificate	DE000CE6DQ46	CRBN 33.1TS OPENZ	EUR	1,6900	1,6900	1,6900				1,6900				
Certificate	NL0011531991	CRBN 14.86BL OPENB	EUR	10,3600	10,3600	10,3200				10,3200				
Certificate	DE000CR6YGJ1	CRBN 15.58TL OPENZ	EUR	9,9450	9,9450	9,9450				9,9450				
Certificate	DE000CJ3PAD2	CRBN 16.51TL OPENZ	EUR	1,6600	1,6600	1,6600				1,6600				
Certificate	DE000CR9NMF4	CRBN 16.64TL OPENZ	EUR	8,9450	8,9450	8,9450				8,9450				
Certificate	DE000CN6K602	CRBN 18.17TL OPENZ	EUR	7,4750	7,4750	7,4750				7,4750				
Certificate	DE000CN6KQ54	CRBN 19.52TL OPENZ	EUR	5,2800	5,2800	5,2800				5,2800				
Certificate	DE000CD63PV7	CRBN 21.01TL OPENZ	EUR	3,8050	3,8050	3,8050				3,8050				
Certificate	NL0012033971	CRBN 21.27BL OPENB	EUR	3,9500	3,9500	3,9100				3,9100				
Certificate	DE000CD646H9	CRBN 21.29TL OPENZ	EUR	4,5050	4,5050	4,5050				4,5050				
Certificate	NL0012772974	CRBN 22.35BL OPENB	EUR	2,8700	2,8700	2,8300				2,8300				
Certificate	DE000CD63ZH5	CRBN 22.53TL OPENZ	EUR	2,3150	2,3150	2,3150				2,3150				
Certificate	NL0012118673	CRBN 23.37BL OPENB	EUR	1,8500	1,8500	1,8100				1,8100				
Certificate	DE000CV88269	CRBN 23.39TL OPENZ	EUR	0,5000	0,5000	0,5000				0,5000				
Certificate	NL0012785414	CRBN 24.38BL OPENB	EUR	0,8400	0,8400	0,8400				0,8400				
Certificate	NL0013164080	CRBN 25.89BS OPENB	EUR	1,4100	1,4100	1,3900				1,3900				
Certificate	NL0013014962	CRBN 27.88BS OPENB	EUR	3,4000	3,4000	3,3800				3,3800				
Certificate	DE000CE6CKY3	CRBN 29.62TS OPENZ	EUR	0,9900	0,9900	0,9900				0,9900				
Certificate	NL0012260822	CRBN 29.87BS OPENB	EUR	5,3900	5,3900	5,3700				5,3700				
Certificate	NL0012273957	CRBN 31.78BS OPENB	EUR	7,3000	7,3000	7,2800				7,2800				
Certificate	NL0012999908	CRBN 33.77BS OPENB	EUR	9,2900	9,2900	9,2700				9,2700				



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	DE000CV8A4P8	CRBN 38.09TS OPENZ	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000CJ3QXX0	CREDI 7.18TL OPENZ	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CD62TG2	CREDI11.18TL OPENZ	EUR											
Certificate	DE000CN6JMX5	CREDI8.677TL OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000CD62700	CREDI9.701TL OPENZ	EUR	0,2450	0,2450	0,2450			0,2450					
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	DE000CY16BT5	CZBNK 7TL OPENC	EUR											
Certificate	DE000CY16CY3	CZBNK 7TL OPENC	EUR											
Certificate	DE000CY16FC2	CZBNK 8TL OPENC	EUR											
Certificate	DE000CY16U55	CZBNK 8TL OPENC	EUR											
Certificate	DE000CY50MW5	CZBNK 13TS OPENC	EUR											
Certificate	DE000CY50K96	CZBNK 13TS OPENC	EUR											
Certificate	NL0013182264	CZBNK 8.4TS OPENH	EUR	2,6700	2,7500	2,6700				2,7500				
Certificate	NL001193536	CZBNK 4.17TL OPENH	EUR	2,8700	2,8700	2,8200				2,8200				
Certificate	NL0011895784	CZBNK 5.01TL OPENH	EUR	2,1100	2,1100	2,0600				2,0600				
Certificate	NL0011989322	CZBNK 5.83TL OPENH	EUR	1,3600	1,3600	1,3100				1,3100				
Certificate	NL0011995352	CZBNK 6.46TL OPENH	EUR	0,7900	0,7900	0,7400				0,7400				
Certificate	NL0012196414	CZBNK 6.87TL OPENH	EUR											
Certificate	NL0013164924	CZBNK 7.01BS OPENB	EUR	0,4050	0,4550	0,4050			0,4550					
Certificate	NL0011996053	CZBNK 7.04TL OPENH	EUR											
Certificate	NL0012049811	CZBNK 7.08TL OPENH	EUR											
Certificate	NL0012197438	CZBNK 7.48TL OPENH	EUR											
Certificate	NL0013188154	CZBNK 7.81TS OPENH	EUR	2,0100	2,0900	2,0100				2,0900				
Certificate	NL0013079304	CZBNK 8.99TS OPENH	EUR	3,3300	3,4100	3,3300				3,4100				
Certificate	NL0012906242	CZBNK 9.19TS OPENH	EUR	3,5500	3,6200	3,5500				3,6200				
Certificate	NL0012934590	CZBNK 9.71TS OPENH	EUR	4,1400	4,2100	4,1400				4,2100				
Certificate	NL0012909402	CZBNK 9.88TS OPENH	EUR	4,3200	4,3900	4,3200				4,3900				
Certificate	NL0012862346	CZBNK10.37TS OPENH	EUR	4,8600	4,9300	4,8600				4,9300				
Certificate	NL0012777700	CZBNK10.98BS OPENB	EUR	4,3750	4,4250	4,3750				4,4250				
Certificate	NL0012602676	CZBNK11.35TS OPENH	EUR	5,9500	6,0200	5,9500				6,0200				
Certificate	NL0012598437	CZBNK11.38TS OPENH	EUR	5,9900	6,0600	5,9900				6,0600				
Certificate	NL0012593420	CZBNK12.35TS OPENH	EUR	7,0600	7,1300	7,0600				7,1300				
Certificate	NL0012593917	CZBNK13.33TS OPENH	EUR	8,1500	8,2300	8,1500				8,2300				
Certificate	NL0012580724	CZBNK13.35TS OPENH	EUR	8,1800	8,2500	8,1800				8,2500				
Certificate	NL0012555676	CZBNK13.83TS OPENH	EUR	8,7100	8,7800	8,7100				8,7800				
Certificate	NL0012555668	CZBNK14.81TS OPENH	EUR	9,8000	9,8700	9,8000				9,8700				
Certificate	NL0012541981	CZBNK15.77TS OPENH	EUR	10,8700	10,9400	10,8700				10,9400				
Certificate	NL0012529325	CZBNK15.78TS OPENH	EUR	10,8700	10,9400	10,8700				10,9400				
Certificate	DE000CN6J8E3	CZBNK4.839TL OPENZ	EUR	1,9100	1,9100	1,7900				1,7900				
Certificate	NL0013163041	CZBNK5.045BL OPENB	EUR	1,6750	1,6750	1,6250				1,6250				
Certificate	NL0013159551	CZBNK5.545BL OPENB	EUR	1,1750	1,1750	1,1250				1,1250				
Certificate	DE000CV898G6	CZBNK5.959TL OPENZ	EUR	0,8100	0,8100	0,6900				0,6900				
Certificate	NL0012105134	CZBNK6.045BL OPENB	EUR	0,6750	0,6750	0,6250				0,6250				
Certificate	DE000CJ3QGJ4	CZBNK6.514TL OPENZ	EUR	0,2700	0,2700	0,1800	630,0000	3	0,1900	3000				
Certificate	NL0012975155	CZBNK6.625BL OPENB	EUR											
Certificate	DE000CV886M9	CZBNK6.957TL OPENZ	EUR											
Certificate	NL0012973622	CZBNK7.129BL OPENB	EUR											
Certificate	DE000CV898H4	CZBNK7.463TL OPENZ	EUR											
Certificate	NL0013159643	CZBNK8.005BS OPENB	EUR	1,4050	1,4550	1,4050			1,4550					
Certificate	NL0013006257	CZBNK9.002BS OPENB	EUR	2,4050	2,4550	2,3700	2370,0000	1	2,4550	1000				
Certificate	NL0012792709	CZBNK9.996BS OPENB	EUR	3,3950	3,4450	3,3950				3,4450				
Certificate	NL0013192347	DAIML 43TL OPENH	EUR	0,6500	0,6500	0,6500				0,6500				
Certificate	NL0013192339	DAIML 45TL OPENH	EUR	0,4600	0,4600	0,4600				0,4600				
Certificate	NL0013192321	DAIML 49TS OPENH	EUR	0,6200	0,6200	0,6200				0,6200				
Certificate	NL0013190671	DAIML 51TS OPENH	EUR	0,8900	0,8900	0,8300				0,8300				
Certificate	DE000CY51DW2	DAIML 60TL OPENC	EUR											
Certificate	DE000CX595S8	DAIML 60TL OPENC	EUR											
Certificate	NL0012917025	DAIML 62TS OPENH	EUR	2,0800	2,0800	2,0200				2,0200				
Certificate	NL0012909469	DAIML 64TS OPENH	EUR	2,3000	2,3000	2,2400				2,2400				
Certificate	NL0012864573	DAIML 66TS OPENH	EUR	2,5100	2,5100	2,4500				2,4500				
Certificate	NL0011241112	DAIML 72TS OPENH	EUR	3,1500	3,1500	3,1000				3,1000				
Certificate	DE000CY501Y6	DAIML 80TS OPENC	EUR	2,4100	2,4100	2,4100				2,4100				
Certificate	DE000CY520D0	DAIML 80TS OPENC	EUR	2,7700	2,7700	2,7700				2,7700				
Certificate	NL0011410345	DAIML 24.7TL OPENH	EUR	2,2900	2,3600	2,2900				2,3600				
Certificate	NL0011410337	DAIML 28.9TL OPENH	EUR	1,9000	1,9700	1,9000				1,9700				
Certificate	NL0011410329	DAIML 33.1TL OPENH	EUR	1,5000	1,5800	1,5000				1,5800				
Certificate	NL0010144838	DAIML 35.2TL OPENA	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	NL0011049622	DAIML 37.3TL OPENH	EUR	1,1100	1,1900	1,1100	339,0000	1	1,1900	300				
Certificate	DE000CNGINE3	DAIML 41.9TL OPENZ	EUR	0,4400	0,5200	0,4400	156,0000	1	0,4950	300				
Certificate	NL0011049614	DAIML 45.8TL OPENH	EUR											
Certificate	DE000CXOKMF1	DAIML 47.1TL OPENC	EUR											
Certificate	NL0013164932	DAIML 47.48S OPENB	EUR	2,0900	2,0900	1,0200			1,0200					
Certificate	NL0011896535	DAIML 47.9TL OPENH	EUR											
Certificate	NL0013180847	DAIML 54.1TS OPENH	EUR	1,2300	1,2300	1,1700			1,1700					
Certificate	NL0013002199	DAIML 57.68S OPENB	EUR	12,2900	12,2900	11,2200			11,2200					
Certificate	NL0012905087	DAIML 58.1TS OPENH	EUR	1,6600	1,6600	1,6000			1,6000					
Certificate	NL0012919666	DAIML 60.1TS OPENH	EUR	1,8700	1,8700	1,8100			1,8100					
Certificate	NL0012567986	DAIML 67.9TS OPENH	EUR	2,7200	2,7200	2,6600			2,6600					
Certificate	NL0012565154	DAIML 71.9TS OPENH	EUR	3,1400	3,1400	3,0800			3,0800					
Certificate	NL0011229984	DAIML 75.6TS OPENH	EUR	3,5400	3,5400	3,4800			3,4800					
Certificate	NL0011049531	DAIML 79.2TS OPENH	EUR	3,9300	3,9300	3,8700			3,8700					
Certificate	NL0012555759	DAIML 91.2TS OPENH	EUR	5,2200	5,2200	5,1600			5,1600					
Certificate	DE000CJ3NTH8	DAIML33.89TL OPENZ	EUR	1,2300	1,2850	1,2300			1,2850					
Certificate	DE000CJ3QW94	DAIML38.38TL OPENZ	EUR	0,7800	0,8450	0,7800			0,8450					
Certificate	NL0013163983	DAIML44.96BL OPENB	EUR	3,5600	4,6200	3,5600			4,6200					
Certificate	NL0013163058	DAIML44.25BL OPENB	EUR	2,2700	3,3300	2,2700			3,3300					
Certificate	NL0013017569	DAIML45.57BL OPENB	EUR											
Certificate	DE000CN6HSL1	DAIML45.88TL OPENZ	EUR											
Certificate	NL0011909692	DAIML46.92BL OPENB	EUR											
Certificate	DE000CXOK496	DAIML47.57TL OPENC	EUR											
Certificate	NL0013017577	DAIML48.33BL OPENB	EUR											
Certificate	DE000CJ3QP77	DAIML49.36TL OPENZ	EUR											
Certificate	NL0013164098	DAIML49.77BS OPENB	EUR	4,4600	4,4600	3,3900			3,3900					
Certificate	NL0013160047	DAIML49.78BL OPENB	EUR											
Certificate	NL0013163280	DAIML52.25BS OPENB	EUR	6,9400	6,9400	5,8700			5,8700					
Certificate	DE000CJ3QU62	DAIML53.06TS OPENZ	EUR	0,7200	0,7200	0,6650			0,6650					
Certificate	NL0013008972	DAIML54.86BS OPENB	EUR	9,5500	9,5500	8,4800			8,4800					
Certificate	DE000CV88086	DAIML59.06TS OPENZ	EUR	1,3200	1,3200	1,2550			1,2550					
Certificate	NL0012973770	DAIML60.49BS OPENB	EUR	15,1800	15,1800	14,1100			14,1100					
Certificate	DE000CV87TV0	DAIML69.02TS OPENZ	EUR	2,3100	2,3100	2,2550			2,2550					
Certificate	NL0009337278	DANON 32TL OPENB	EUR	3,3550	3,3550	3,3250			3,3250					
Certificate	NL0012274450	DANON 75TS OPENB	EUR	1,7650	1,7950	1,7650			1,7950					
Certificate	NL0009703743	DANON 36.7TL OPENB	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	NL0010921987	DANON 49.2TL OPENB	EUR	1,7550	1,7550	1,7250			1,7250					
Certificate	NL0011436738	DANON 51.8TL OPENB	EUR	1,5150	1,5150	1,4850			1,4850					
Certificate	NL0011442702	DANON 54.5TL OPENB	EUR	1,2650	1,2650	1,2350			1,2350					
Certificate	NL0012112312	DANON 57.1TL OPENB	EUR	1,0250	1,0250	0,9950	4,0800	4	0,9950	4				
Certificate	NL0012118756	DANON 59.7TL OPENB	EUR	0,7750	0,7750	0,7450			0,7450					
Certificate	NL0013151848	DANON 62.2TL OPENB	EUR	0,5450	0,5450	0,5150			0,5150					
Certificate	NL0012264196	DANON 70.1TS OPENB	EUR	1,2450	1,2750	1,2450			1,2750					
Certificate	NL0011972724	DANON 73.4TS OPENH	EUR	1,6100	1,6900	1,6100			1,6900					
Certificate	NL0011932561	DANON 73.5TS OPENH	EUR	1,6200	1,7000	1,6200			1,7000					
Certificate	NL0012531057	DANON103.4TS OPENH	EUR	4,8500	4,9300	4,8500			4,9300					
Certificate	NL0012330211	DANON104.2TS OPENH	EUR	4,9300	5,0100	4,9300			5,0100					
Certificate	NL0012516108	DANON104.3TS OPENH	EUR	4,9400	5,0300	4,9400			5,0300					
Certificate	NL0012524540	DANON104.3TS OPENH	EUR	4,9500	5,0300	4,9500			5,0300					
Certificate	NL0012538672	DANON104.4TS OPENH	EUR	4,9600	5,0400	4,9600			5,0400					
Certificate	NL0011417910	DANON33.02TL OPENH	EUR	3,2600	3,2600	3,2000			3,2000					
Certificate	NL0012056329	DANON38.49TL OPENH	EUR	2,7500	2,7500	2,6900			2,6900					
Certificate	DE000CR9RQF6	DANON45.15TL OPENZ	EUR	3,7250	3,7250	3,5200			3,5200					
Certificate	NL0011417894	DANON45.63TL OPENH	EUR	2,0900	2,0900	2,0200	10350,0000	1	2,0200	5000				
Certificate	NL0011417886	DANON49.84TL OPENH	EUR	1,7000	1,7000	1,6300			1,6300					
Certificate	DE000CR6YDG4	DANON51.11TL OPENZ	EUR	1,2700	1,2700	1,1700			1,1700					
Certificate	NL0011417878	DANON54.04TL OPENH	EUR	1,3100	1,3100	1,2400			1,2400					
Certificate	DE000CN6FBK3	DANON57.05TL OPENZ	EUR	1,3550	1,3550	1,1600			1,1600					
Certificate	NL0012178859	DANON57.94TL OPENH	EUR	0,9400	0,9400	0,8800			0,8800					
Certificate	NL0012210090	DANON69.67TS OPENH	EUR	1,2000	1,2800	1,2000			1,2800					
Certificate	NL0011417829	DANON73.24TS OPENH	EUR	1,5900	1,6700	1,5900			1,6700					
Certificate	NL0011933551	DANON73.38TS OPENH	EUR	1,6000	1,6800	1,6000			1,6800					
Certificate	NL0012864581	DANON77.56TS OPENH	EUR	2,0500	2,1400	2,0500			2,1400					
Certificate	NL0011417811	DANON84.38TS OPENH	EUR	2,7900	2,8700	2,7900			2,8700					
Certificate	NL0013180854	DANSK 145. TS OPENH	EUR	3,0800	3,0800	2,8700			2,8700					
Certificate	NL0012897870	DANSK 189. TS OPENH	EUR	9,6200	9,6200	9,4200			9,4200					
Certificate	NL0012199210	DANSK 243. TS OPENH	EUR	17,6600	17,6600	17,4500			17,4500					
Certificate	NL0012582167	DANSK 252. TS OPENH	EUR	18,9900	18,9900	18,7900			18,7900					
Certificate	NL0012202840	DANSK 299. TS OPENH	EUR	25,9900	25,9900	25,7800			25,7800					
Certificate	NL0012907554	DANSK120.4TL OPENH	EUR	3,8500	4,1500	3,8500			4,1500					
Certificate	NL0012907869	DANSK154.5TS OPENH	EUR	4,4800	4,4800	4,2700			4,2700					
Certificate	NL0012905103	DANSK174.3TS OPENH	EUR	7,4300	7,4300	7,2300			7,2300					



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	NL0012898381	DANSK179.1TS OPENH	EUR	8,1400	8,1400	7,9400			7,9400					
Certificate	NL0012894224	DANSK193.9TS OPENH	EUR	10,3500	10,3500	10,1500			10,1500					
Certificate	NL0012923650	DANSK202.7TS OPENH	EUR	11,6500	11,6500	11,4400			11,4400					
Certificate	NL0012917033	DANSK212.4TS OPENH	EUR	13,1000	13,1000	12,9000			12,9000					
Certificate	NL0012611032	DANSK221.7TS OPENH	EUR	14,4900	14,4900	14,2900			14,2900					
Certificate	NL0012600381	DANSK226.5TS OPENH	EUR	15,1900	15,1900	14,9900			14,9900					
Certificate	NL0012598460	DANSK231.3TS OPENH	EUR	15,9200	15,9200	15,7100			15,7100					
Certificate	NL0012595748	DANSK236.2TS OPENH	EUR	16,6400	16,6400	16,4300			16,4300					
Certificate	NL0012595136	DANSK246.8TS OPENH	EUR	18,2200	18,2200	18,0100			18,0100					
Certificate	NL0011993746	DANSK249.5TS OPENH	EUR											
Certificate	NL0011991625	DANSK250.9TS OPENH	EUR											
Certificate	NL0011989330	DANSK251.1TS OPENH	EUR											
Certificate	NL0012590970	DANSK252.5TS OPENH	EUR	19,0700	19,0700	18,8600			18,8600					
Certificate	NL0012437867	DANSK252.6TS OPENH	EUR	19,0700	19,0700	18,8700			18,8700					
Certificate	NL0012583512	DANSK261.9TS OPENH	EUR	20,4700	20,4700	20,2600			20,2600					
Certificate	NL0012093736	DANSK270.4TS OPENH	EUR	21,7300	21,7300	21,5200			21,5200					
Certificate	NL0012057475	DANSK270.8TS OPENH	EUR	21,7800	21,7800	21,5800			21,5800					
Certificate	NL0012242101	DANSK272.5TS OPENH	EUR	22,0400	22,0400	21,8300			21,8300					
Certificate	NL0012595557	DANSK295.1TS OPENH	EUR	25,4000	25,4000	25,2000			25,2000					
Certificate	NL0012240055	DANSK301.2TS OPENH	EUR	26,3100	26,3100	26,1100			26,1100					
Certificate	DE0005437412	DAX PI OPENN	EUR	107,1700	107,1700	107,1700			107,1700					
Certificate	NL0009067867	DAX 4740TL OPENB	EUR	61,5800	61,5800	61,5800			61,5800					
Certificate	NL0009069988	DAX 5180TL OPENB	EUR	57,3000	57,3000	57,3000			57,3000					
Certificate	NL0009071182	DAX 5470TL OPENB	EUR	54,4300	54,4300	54,4300			54,4300					
Certificate	NL0011596952	DAX 6319TRLOPENH	EUR											
Certificate	NL000998269	DAX 6440TL OPENB	EUR	45,0100	45,0100	45,0100			45,0100					
Certificate	NL0010001608	DAX 6660TL OPENB	EUR	42,9300	42,9300	42,9300			42,9300					
Certificate	NL0010149712	DAX 6980TL OPENA	EUR											
Certificate	DE000CX00567	DAX 7000TL OPENC	EUR	33,0500	33,0500	33,0500			33,0500					
Certificate	DE000CX004L9	DAX 7200TL OPENC	EUR	30,2000	30,2000	30,2000			30,2000					
Certificate	NL0011043567	DAX 7200TL OPENH	EUR	36,7300	36,7300	36,7300			36,7300					
Certificate	NL0010129896	DAX 7320TL OPENB	EUR	36,4900	36,4900	36,4900			36,4900					
Certificate	NL0010131025	DAX 7550TL OPENB	EUR	34,2800	34,2800	34,2800			34,2800					
Certificate	DE000CX004N5	DAX 7600TL OPENC	EUR	25,9000	25,9000	25,9000			25,9000					
Certificate	NL0011043542	DAX 7620TL OPENH	EUR	32,6100	32,6100	32,6100			32,6100					
Certificate	NL0010134102	DAX 7770TL OPENB	EUR	32,1600	32,1600	32,1600			32,1600					
Certificate	DE000CN6JFQ3	DAX 7770TL OPENZ	EUR	31,2250	31,2250	31,2250			31,2250					
Certificate	DE000CX0JXK0	DAX 7800TL OPENC	EUR	23,6500	23,6500	23,6500			23,6500					
Certificate	NL0010251930	DAX 7870TL OPENB	EUR	31,1400	31,1400	31,1400			31,1400					
Certificate	DE000CJ3PNK0	DAX 7894TL OPENZ	EUR	28,7500	28,7500	28,7500			28,7500					
Certificate	NL0011719158	DAX 7960TL OPENH	EUR	29,2000	29,2000	29,2000			29,2000					
Certificate	DE000CX0J528	DAX 8000TL OPENC	EUR	22,2800	22,2800	22,2800			22,2800					
Certificate	NL0011043526	DAX 8030TL OPENH	EUR	28,4900	28,4900	28,4900			28,4900					
Certificate	DE000CN6HS74	DAX 8030TL OPENZ	EUR	28,6550	28,6550	28,6550			28,6550					
Certificate	NL0010250833	DAX 8052BL OPENB	EUR	27,4000	27,4000	27,4000			27,4000					
Certificate	NL0010253233	DAX 8200TL OPENB	EUR	27,9400	27,9400	27,9400			27,9400					
Certificate	NL0011043518	DAX 8240TL OPENH	EUR	26,4300	26,4300	26,4300			26,4300					
Certificate	NL0011719125	DAX 8270TL OPENH	EUR	26,1500	26,1500	26,1500			26,1500					
Certificate	DE000CN6H566	DAX 8290TL OPENZ	EUR	26,0850	26,0850	26,0850			26,0850					
Certificate	DE000CN6JCR8	DAX 8298TL OPENZ	EUR	24,7250	24,7250	24,7250			24,7250					
Certificate	DE000CX004R6	DAX 8300TL OPENC	EUR	18,3700	18,3700	18,3700			18,3700					
Certificate	NL0010379103	DAX 8310TL OPENB	EUR	26,8300	26,8300	26,8300			26,8300					
Certificate	DE000CX0JDK2	DAX 8400TL OPENC	EUR	17,1000	17,1000	17,1000			17,1000					
Certificate	DE000CJ3QDL7	DAX 8500TL 0319Z	EUR	22,7200	22,7200	22,7200			22,7200					
Certificate	DE000CX008M8	DAX 8500TL OPENC	EUR	16,2300	16,2300	16,2300			16,2300					
Certificate	DE000CN6H558	DAX 8550TL OPENZ	EUR	23,5250	23,5250	23,5250			23,5250					
Certificate	NL0011719075	DAX 8590TL OPENH	EUR	23,0200	23,0200	23,0200			23,0200					
Certificate	DE000CJ3PH86	DAX 8600TL 1218Z	EUR	21,7300	21,7300	21,7300			21,7300					
Certificate	NL0010442737	DAX 8640TL OPENB	EUR	23,6600	23,6600	23,6600			23,6600					
Certificate	DE000CX008N6	DAX 8700TL OPENC	EUR	14,0800	14,0800	14,0800			14,0800					
Certificate	DE000CN6JCQ0	DAX 8713TL OPENZ	EUR	20,5850	20,5850	20,5850			20,5850					
Certificate	NL0011601612	DAX 8726TRLOPENH	EUR	20,4000	20,4000	20,4000			20,4000					
Certificate	DE000CN6HLW3	DAX 8810TL OPENZ	EUR	20,9550	20,9550	20,9550			20,9550					
Certificate	NL0010378899	DAX 8821BL OPENB	EUR	19,7200	19,7200	19,7200			19,7200					
Certificate	NL0010443032	DAX 8850TL OPENB	EUR	21,5700	21,5700	21,5700			21,5700					
Certificate	DE000CJ3P547	DAX 8900TL 0319Z	EUR	18,7100	18,7100	18,7100			18,7100					
Certificate	NL0013190200	DAX 8912TRLOPENH	EUR	18,5400	18,5400	18,5400			18,5400					
Certificate	DE000CN6JCP2	DAX 8920TL OPENZ	EUR	18,5100	18,5100	18,5100			18,5100					
Certificate	NL0010515557	DAX 8980TL OPENB	EUR	20,3500	20,3500	20,3500			20,3500					
Certificate	DE000CV8BDY5	DAX 9000TL 1218Z	EUR	17,7400	17,7400	17,7400			17,7400					
Certificate	NL0011719034	DAX 9000TL OPENH	EUR	18,9800	18,9800	18,9800			18,9800					
Certificate	NL0010891628	DAX 9060TL OPENB	EUR	19,5750	19,5750	19,5750			19,5750					



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	DE000CN6ELV2	DAX 9070TL OPENZ	EUR	18,3850	18,3850	18,3850			18,3850					
Certificate	DE000CX00BR5	DAX 9100TL OPENC	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	DE000CN6JCN7	DAX 9128TL OPENZ	EUR	16,4500	16,4500	16,4500			16,4500					
Certificate	NL0013086853	DAX 9136TRLOPENH	EUR	16,3100	16,3100	16,3100			16,3100					
Certificate	NL0011719000	DAX 9150TL OPENH	EUR	17,4600	17,4600	17,4600			17,4600					
Certificate	NL0010442182	DAX 9169BL OPENB	EUR	16,2400	16,2400	16,2400			16,2400					
Certificate	DE000CP23RT5	DAX 9200TL OPENC	EUR	16,5400	16,5400	16,5400			16,5400					
Certificate	DE000CR9SDN6	DAX 9232TL OPENZ	EUR	15,4000	15,4000	15,4000			15,4000					
Certificate	NL0013086846	DAX 9237TRLOPENH	EUR	15,3100	15,3100	15,3100			15,3100					
Certificate	NL0011649215	DAX 9260TL OPENB	EUR	17,5950	17,5950	17,5950			17,5950					
Certificate	NL0010442661	DAX 9284BL OPENB	EUR	15,0800	15,0800	15,0800			15,0800					
Certificate	DE000CJ3P554	DAX 9300TL 0319Z	EUR	14,7200	14,7200	14,7200			14,7200					
Certificate	DE000CX0KHU0	DAX 9300TL OPENC	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	NL0011718986	DAX 9300TL OPENH	EUR	16,0400	16,0400	16,0400			16,0400					
Certificate	DE000CN6ELU4	DAX 9330TL OPENZ	EUR	15,7950	15,7950	15,7950			15,7950					
Certificate	NL0013086838	DAX 9337TRLOPENH	EUR	14,3100	14,3100	14,3100			14,3100					
Certificate	NL0011649223	DAX 9370TL OPENB	EUR	16,5750	16,5750	16,5750			16,5750					
Certificate	DE000CV8AUC7	DAX 9400TL 1218Z	EUR	13,7600	13,7600	13,7600			13,7600					
Certificate	DE000CX0KW03	DAX 9400TL OPENC	EUR	7,5400	7,5400	7,5400			7,5400					
Certificate	NL0013086820	DAX 9437TRLOPENH	EUR	13,3200	13,3200	13,3200			13,3200					
Certificate	DE000CN6J81	DAX 9448TL OPENZ	EUR	13,2500	13,2500	13,2500			13,2500					
Certificate	DE000CX0KW11	DAX 9500TL OPENC	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	DE000CN6J73	DAX 9500TL OPENZ	EUR	12,7300	12,7300	12,7300			12,7300					
Certificate	NL0011650320	DAX 9530TL OPENB	EUR	15,0550	15,0550	15,0550			15,0550					
Certificate	DE000VN9HGP8	DAX 9570TL OPENV	EUR	13,7850	13,7850	13,7850			13,7850					
Certificate	DE000VN9HGU8	DAX 9571TL OPENV	EUR	12,0150	12,0150	12,0150			12,0150					
Certificate	NL0013081474	DAX 9580TL OPENH	EUR	13,2700	13,2700	13,2700			13,2700					
Certificate	NL0013082290	DAX 9594TRLOPENH	EUR	11,7500	11,7500	11,7500			11,7500					
Certificate	DE000CX0KW29	DAX 9600TL OPENC	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	DE000CP236W4	DAX 9600TL OPENC	EUR	12,4800	12,4800	12,4800			12,4800					
Certificate	DE000CR4GZ95	DAX 9600TL OPENZ	EUR	13,1950	13,1950	13,1950			13,1950					
Certificate	DE000CN6J65	DAX 9605TL OPENZ	EUR	11,6900	11,6900	11,6900			11,6900					
Certificate	DE000VN9HGS2	DAX 9620TL OPENV	EUR	13,2950	13,2950	13,2950			13,2950					
Certificate	NL0011900220	DAX 9650TL OPENB	EUR	13,8050	13,8050	13,8050			13,8050					
Certificate	DE000VN9HDQ3	DAX 9669TL OPENV	EUR	11,0250	11,0250	11,0250			11,0250					
Certificate	NL0013086812	DAX 9688TRLOPENH	EUR	10,8200	10,8200	10,8200			10,8200					
Certificate	DE000CJ3P380	DAX 9700TL 0319Z	EUR	10,7200	10,7200	10,7200			10,7200					
Certificate	DE000CX0KW37	DAX 9700TL OPENC	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	NL0013192206	DAX 9700TL OPENH	EUR	12,0400	12,0400	12,0400			12,0400					
Certificate	DE000VN9HDM2	DAX 9710TL OPENV	EUR	12,4050	12,4050	12,4050			12,4050					
Certificate	DE000VN9HDS9	DAX 9719TL OPENV	EUR	10,5250	10,5250	10,5250			10,5250					
Certificate	NL0013192198	DAX 9720TL OPENH	EUR	11,8400	11,8400	11,8400			11,8400					
Certificate	DE000CN6JCK3	DAX 9727TL OPENZ	EUR	10,4700	10,4700	10,4700			10,4700					
Certificate	NL0013191927	DAX 9729TRLOPENH	EUR	10,4200	10,4200	10,4200			10,4200					
Certificate	NL0013191919	DAX 9749TRLOPENH	EUR	10,2200	10,2200	10,2200			10,2200					
Certificate	NL0013192180	DAX 9760TL OPENH	EUR	11,4500	11,4500	11,4500			11,4500					
Certificate	DE000VN9HDN0	DAX 9760TL OPENV	EUR	11,9150	11,9150	11,9150			11,9150					
Certificate	NL0011718473	DAX 9763TRLOPENH	EUR	10,0800	10,0800	10,0800			10,0800					
Certificate	DE000CN6JSC6	DAX 9777TL OPENZ	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	NL0013192172	DAX 9780TL OPENH	EUR	11,2500	11,2500	11,2500			11,2500					
Certificate	DE000VN9HF68	DAX 9800TL 0319V	EUR	9,8150	9,8150	9,8150			9,8150					
Certificate	DE000CV8AAJ4	DAX 9800TL 1218Z	EUR	9,7900	9,7900	9,7900			9,7900					
Certificate	NL0011891890	DAX 9800TL OPENH	EUR	11,0800	11,0800	11,0800			11,0800					
Certificate	DE000VN9HBB9	DAX 9810TL OPENV	EUR	11,4150	11,4150	11,4150			11,4150					
Certificate	NL0011718465	DAX 9817TRLOPENH	EUR	9,5600	9,5600	9,5600			9,5600					
Certificate	DE000VN9HBF0	DAX 9818TL OPENV	EUR	9,5150	9,5150	9,5150			9,5150					
Certificate	NL0011896410	DAX 9830TL OPENH	EUR	10,7700	10,7700	10,7700			10,7700					
Certificate	NL0013191018	DAX 9850TRLOPENH	EUR	9,2300	9,2300	9,2300			9,2300					
Certificate	DE000VN9HBD5	DAX 9860TL OPENV	EUR	10,9250	10,9250	10,9250			10,9250					
Certificate	DE000CN6JVP2	DAX 9860TL OPENZ	EUR	10,6450	10,6450	10,6450			10,6450					
Certificate	DE000VN9HBK0	DAX 9868TL OPENV	EUR	9,0150	9,0150	9,0150			9,0150					
Certificate	NL0013190192	DAX 9872TRLOPENH	EUR	9,0100	9,0100	9,0100			9,0100					
Certificate	NL0013086804	DAX 9889TRLOPENH	EUR	8,8400	8,8400	8,8400			8,8400					
Certificate	DE000VN9HF84	DAX 9900TL 0319V	EUR	8,8150	8,8150	8,8150			8,8150					
Certificate	DE000CJ3QWP8	DAX 9900TL 0319Z	EUR	8,7400	8,7400	8,7400			8,7400					
Certificate	DE000CX0KXU7	DAX 9900TL OPENC	EUR	2,6400	3,4600	2,4100	9110,0000	4	2,4100	3000				
Certificate	NL0013190515	DAX 9920TL OPENH	EUR	9,8500	9,8500	9,8500			9,8500					
Certificate	DE000CN6JSR4	DAX 9931TL OPENZ	EUR	8,4450	8,4450	8,4450			8,4450					
Certificate	NL0013086796	DAX 9939TRLOPENH	EUR	8,3500	8,3500	8,3500			8,3500					
Certificate	DE000VN9G874	DAX 9950TL OPENV	EUR	10,0350	10,0350	10,0350			10,0350					
Certificate	DE000VN9G890	DAX 9966TL OPENV	EUR	8,0350	8,0350	8,0350			8,0350					
Certificate	NL0013190184	DAX 9972TRLOPENH	EUR	8,0300	8,0300	8,0300			8,0300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013008121	DAX 9983BL OPENB	EUR	8,3000	9,2950	8,1250	43462,1200	42	8,1250	4971				
Certificate	NL0013082282	DAX 9995TRLOPENH	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	DE000CJ3NY4	DAX 10000SWT0119Z	EUR	7,7100	7,8900	7,7100			7,8900					
Certificate	DE000CJ3PKA7	DAX 10000SWT0219Z	EUR	6,2700	6,5400	6,2700			6,5400					
Certificate	DE000CJ3PJ92	DAX 10000SWT0219Z	EUR	5,5800	5,8500	5,5800			5,8500					
Certificate	LU1876973444	DAX 10000TCIOPENS	EUR	7,9400	8,3600	7,6800	8150,0000	2	7,6800	1000				
Certificate	DE000CP06MT1	DAX 10000TL 0319C	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	DE000VA8F4Z6	DAX 10000TL 0319V	EUR	7,8250	7,8250	7,8250			7,8250					
Certificate	DE000CX59C80	DAX 10000TL OPENC	EUR											
Certificate	DE000CP236X2	DAX 10000TL OPENC	EUR	9,1200	9,1200	8,5100	45,6000	1	8,5100	5				
Certificate	DE000CQ5AA59	DAX 10000TL OPENC	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	DE000CX0KXV5	DAX 10000TL OPENC	EUR											
Certificate	NL0013190507	DAX 10000TL OPENH	EUR	9,0700	9,0700	9,0700			9,0700					
Certificate	NL0011907050	DAX 10010TL OPENB	EUR	10,3350	10,3350	10,3350			10,3350					
Certificate	DE000VA8F469	DAX 10020TL OPENV	EUR	9,1750	9,1750	9,1750			9,1750					
Certificate	DE000CN6JZ32	DAX 10033TL OPENZ	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	NL0013183221	DAX 10034TRLOPENH	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	NL0011926514	DAX 10040TL OPENH	EUR	8,4900	9,7400	8,4900	21010,5000	4	8,7200	2200				
Certificate	DE000VA8F2C9	DAX 10047TL OPENV	EUR	6,6000	7,7800	6,3800	3738,5000	4	7,0350	500				
Certificate	NL0013183213	DAX 10054TRLOPENH	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	DE000VA8F154	DAX 10070TL OPENV	EUR	8,6750	8,6750	8,6750			8,6750					
Certificate	DE000CJ3QYD0	DAX 10086TL OPENZ	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	NL0013083488	DAX 10094TRLOPENH	EUR	6,3600	7,8500	6,2600	3327,4600	9	6,8400	453				
Certificate	LU1876973527	DAX 10100TCIOPENS	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	DE000VA8F1W9	DAX 10100TL 0319V	EUR	6,6100	6,8250	6,3300	1895,9000	3	6,8250	290				
Certificate	DE000CJ3P562	DAX 10100TL 0319Z	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	DE000CX59RV9	DAX 10100TL OPENC	EUR											
Certificate	DE000CD623K2	DAX 10110TL OPENZ	EUR	8,1050	8,1050	8,1050			8,1050					
Certificate	NL0013183205	DAX 10114TRLOPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0013126303	DAX 10120TL OPENH	EUR	7,6800	9,0500	7,3000	10980,2600	12	7,9200	1415				
Certificate	DE000VA8FYJ5	DAX 10120TL OPENV	EUR	8,1750	8,1750	8,1750			8,1750					
Certificate	DE000CN6J257	DAX 10137TL OPENZ	EUR	6,4050	6,4050	6,4050			6,4050					
Certificate	DE000VA8FYM9	DAX 10143TL OPENV	EUR	6,0750	6,0750	6,0750			6,0750					
Certificate	NL0012610976	DAX 10149TRLOPENH	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	NL0013125891	DAX 10174TRLOPENH	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0013125107	DAX 10177TRLOPENH	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000VA8FWN1	DAX 10180TL OPENV	EUR	8,2300	8,2450	7,5850	106,9900	1	7,5850	13				
Certificate	DE000CD61SA9	DAX 10187TL OPENZ	EUR	6,9300	7,0300	5,9000	3490,0000	2	5,9000	500				
Certificate	NL0011927496	DAX 10190TL OPENH	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	NL0013164601	DAX 10192BL OPENB	EUR	6,0450	6,0450	6,0450			6,0450					
Certificate	DE000VA8FWQ4	DAX 10194TL OPENV	EUR	5,5550	5,5550	5,5550			5,5550					
Certificate	LU1876973790	DAX 10200TCIOPENS	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000VA8FVT0	DAX 10200TL 0319V	EUR	5,8250	5,8250	5,8250			5,8250					
Certificate	DE000CV8AAK2	DAX 10200TL 1218Z	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	DE000CX59FH3	DAX 10200TL OPENC	EUR											
Certificate	DE000CX59RW7	DAX 10200TL OPENC	EUR											
Certificate	NL0013086788	DAX 10220TRLOPENH	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	DE000CJ3QWV6	DAX 10236TL OPENZ	EUR	5,4200	5,4200	5,4200			5,4200					
Certificate	DE000VA71V44	DAX 10240TL OPENV	EUR	5,0550	5,0550	5,0550			5,0550					
Certificate	DE000VA71VZ5	DAX 10240TL OPENV	EUR	6,3900	7,6000	6,3900	10188,0000	5	6,9550	1400				
Certificate	NL0013164619	DAX 10242BL OPENB	EUR	5,5450	5,5450	5,5450			5,5450					
Certificate	NL0013083470	DAX 10245TRLOPENH	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	NL0013183635	DAX 10250TL OPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0011907084	DAX 10270TL OPENB	EUR	7,5200	9,0800	7,2850	67313,3000	32	7,8150	8000				
Certificate	NL0013125883	DAX 10274TRLOPENH	EUR	5,6000	5,6000	5,0800	1120,0000	1	5,0800	200				
Certificate	NL0013125099	DAX 10278TRLOPENH	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	NL0013087588	DAX 10280TRLOPENH	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000CD62676	DAX 10289TL OPENZ	EUR	4,6100	4,8950	4,6100	345,7500	1	4,8950	75				
Certificate	DE000VA71V10	DAX 10290TL OPENV	EUR	6,4650	6,4650	6,4650			6,4650					
Certificate	DE000VA71V69	DAX 10290TL OPENV	EUR	4,5650	4,5650	4,5650			4,5650					
Certificate	NL0011907910	DAX 10293BL OPENB	EUR	4,6900	6,1300	4,6900	11859,5000	9	5,0250	2300				
Certificate	NL0013083462	DAX 10295TRLOPENH	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	LU1876973873	DAX 10300TCIOPENS	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	DE000VA71VB6	DAX 10300TL 0319V	EUR	4,2200	4,8350	4,2150	5256,0000	2	4,8350	1200				
Certificate	DE000CJ3P885	DAX 10300TL 0319Z	EUR	5,7400	5,7400	4,7950	6851,0000	2	4,7950	1300				
Certificate	DE000CX59RX5	DAX 10300TL OPENC	EUR											
Certificate	DE000CX59M54	DAX 10300TL OPENC	EUR											
Certificate	NL0013124357	DAX 10300TL OPENH	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0013086770	DAX 10320TRLOPENH	EUR	4,3800	4,6300	4,3800	2190,0000	1	4,6300	500				
Certificate	NL0011909197	DAX 10330TL OPENB	EUR	7,2250	7,2250	7,2250			7,2250					
Certificate	DE000CD62756	DAX 10339TL OPENZ	EUR	4,3950	4,3950	4,3950			4,3950					
Certificate	DE000VA71V77	DAX 10340TL OPENV	EUR	4,0750	4,0750	4,0750			4,0750					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71V28	DAX 10340TL OPENV	EUR	5,9750	5,9750	5,9750			5,9750					
Certificate	NL0013083454	DAX 10345TRLOPENH	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	NL0013163868	DAX 10347BL OPENB	EUR	4,4950	4,4950	4,4950			4,4950					
Certificate	NL0013124340	DAX 10360TL OPENH	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	DE000CD623L0	DAX 10370TL OPENZ	EUR	5,1400	6,2600	5,1400	18604,1600	5	5,5650	3616				
Certificate	NL0013125875	DAX 10375TRLOPENH	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	NL0013125081	DAX 10378TRLOPENH	EUR	3,8100	4,4100	3,8100	215,8800	3	4,0800	56				
Certificate	NL0011909205	DAX 10380TL OPENB	EUR	7,0200	7,8100	6,7250	6869,4000	5	6,7250	920				
Certificate	NL0013087570	DAX 10380TRLOPENH	EUR	3,8300	5,1100	3,5600	7033,8500	20	4,0500	1555				
Certificate	DE000VA71V36	DAX 10390TL OPENV	EUR	5,4850	5,4850	5,4850			5,4850					
Certificate	DE000CD62684	DAX 10391TL OPENZ	EUR	4,5500	4,5500	3,8850	227,5000	1	3,8850	50				
Certificate	NL0013083447	DAX 10396TRLOPENH	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	NL0011907928	DAX 10399BL OPENB	EUR	3,7000	5,1800	3,6700	17865,2500	16	3,9650	3885				
Certificate	LU1876839041	DAX 10400TCIOPENS	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000VA71VC4	DAX 10400TL 0319V	EUR	3,8350	3,8350	3,8350			3,8350					
Certificate	DE000CJ3PH94	DAX 10400TL 1218Z	EUR	4,4400	4,4400	3,8850	111000,0000	1	3,8850	25000				
Certificate	DE000CP07C00	DAX 10400TL OPENC	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	DE000CV0AK15	DAX 10400TL OPENC	EUR											
Certificate	NL0013190499	DAX 10400TL OPENH	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	NL0013086762	DAX 10421TRLOPENH	EUR	3,5100	3,6500	3,5100	263,2500	1	3,6500	75				
Certificate	DE000VA71N85	DAX 10439TL OPENV	EUR	2,6500	4,0950	2,6450	471,8000	2	3,1050	140				
Certificate	NL0012903876	DAX 10440TL OPENH	EUR	5,5400	5,5400	4,8000	554,0000	1	4,8000	100				
Certificate	DE000VA71N22	DAX 10440TL OPENV	EUR	4,9850	4,9850	4,9850			4,9850					
Certificate	DE000CD628L9	DAX 10441TL OPENZ	EUR	3,1200	4,4600	2,8200	14964,0000	10	3,3850	4400				
Certificate	LU1840976994	DAX 10447TCIOPENS	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	NL0012904833	DAX 10457TRLOPENH	EUR	3,0400	3,3000	3,0400	6688,0000	1	3,3000	2200				
Certificate	NL0013163876	DAX 10459BL OPENB	EUR	3,1300	4,0000	2,9150	9080,4000	7	3,3750	2820				
Certificate	NL0013190481	DAX 10480TL OPENH	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000VA71PA0	DAX 10489TL OPENV	EUR	2,8000	3,7500	2,6150	863,5000	6	2,6150	258				
Certificate	DE000VA71N10	DAX 10490TL OPENV	EUR	4,4950	4,4950	4,4950			4,4950					
Certificate	DE000CD62692	DAX 10493TL OPENZ	EUR											
Certificate	NL0013126907	DAX 10494TRLOPENH	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000CJ3PKB5	DAX 10500SWT0219Z	EUR	2,6200	3,0400	2,6200			3,0400					
Certificate	DE000CP06MU9	DAX 10500TL 0319C	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000VA71M78	DAX 10500TL 0319V	EUR	2,8650	2,8650	2,8650			2,8650					
Certificate	DE000CJ3P398	DAX 10500TL 0319Z	EUR											
Certificate	DE000VA8F1P3	DAX 10500TL 1218V	EUR	2,9300	3,3550	2,8250	234570,4300	9	2,8250	80051				
Certificate	DE000CP23RU3	DAX 10500TL OPENC	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0013163884	DAX 10509BL OPENB	EUR	3,1000	3,4650	2,8750	5694,0000	5	2,8750	1800				
Certificate	NL0013086754	DAX 10521TRLOPENH	EUR	2,1100	2,6600	2,0100	3192,4500	3	2,6600	1545				
Certificate	NL0013081466	DAX 10530TL OPENH	EUR	3,8900	4,8400	3,8800	5231,0000	2	3,8800	1100				
Certificate	DE000VA71PD4	DAX 10539TL OPENV	EUR	1,9000	3,1500	1,4550	13595,5800	34	2,1250	6299				
Certificate	NL0011911516	DAX 10540TL OPENB	EUR	4,8500	5,4150	4,8450	2052,0000	2	5,2450	400				
Certificate	DE000VA71N36	DAX 10540TL OPENV	EUR	4,0050	4,0050	4,0050			4,0050					
Certificate	NL0013085848	DAX 10543TRLOPENH	EUR	2,2000	3,6000	2,2000	19353,0000	5	2,4400	7000				
Certificate	DE000CD627R8	DAX 10544TL OPENZ	EUR	1,8300	2,4500	1,8300	6420,0000	3	2,3750	3000				
Certificate	LU1876839124	DAX 10550TCIOPENS	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0013018245	DAX 10561BL OPENB	EUR	2,0600	3,5000	1,7300	49798,9900	34	2,3450	17668				
Certificate	NL0013082894	DAX 10567TRLOPENH	EUR	1,9200	3,3600	1,6600	15685,0000	15	2,2300	6640				
Certificate	DE000VA71PG7	DAX 10589TL OPENV	EUR											
Certificate	DE000VA71N51	DAX 10590TL OPENV	EUR											
Certificate	NL0013081045	DAX 10590TRLOPENH	EUR											
Certificate	DE000CD626A6	DAX 10596TL OPENZ	EUR											
Certificate	LU1876839397	DAX 10600TCIOPENS	EUR											
Certificate	DE000VA71NA5	DAX 10600TL 0319V	EUR											
Certificate	DE000VA8FVL7	DAX 10600TL 1218V	EUR											
Certificate	DE000CV8AAL0	DAX 10600TL 1218Z	EUR											
Certificate	DE000CP23PR3	DAX 10600TL OPENC	EUR											
Certificate	NL0013081458	DAX 10610TL OPENH	EUR											
Certificate	NL0013018252	DAX 10611BL OPENB	EUR											
Certificate	NL0013082274	DAX 10628TRLOPENH	EUR											
Certificate	DE000CD62A08	DAX 10630TL OPENZ	EUR											
Certificate	NL0013126295	DAX 10640TL OPENH	EUR											
Certificate	LU1840977026	DAX 10641TCIOPENS	EUR											
Certificate	DE000VA7TFD0	DAX 10641TL OPENV	EUR											
Certificate	DE000CD626B4	DAX 10647TL OPENZ	EUR											
Certificate	NL0013129273	DAX 10654TRLOPENH	EUR											
Certificate	DE000VAGEAU9	DAX 10660TL OPENV	EUR											
Certificate	NL0011911623	DAX 10662BL OPENB	EUR											
Certificate	NL0013081037	DAX 10670TRLOPENH	EUR											
Certificate	NL0012029045	DAX 10680TL OPENB	EUR											
Certificate	NL0013126899	DAX 10694TRLOPENH	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	DE000CD626C2	DAX 10697TL OPENZ	EUR											
Certificate	DE000VA7TD24	DAX 10700TL 0319V	EUR											
Certificate	DE000VA71U45	DAX 10700TL 1218V	EUR											
Certificate	DE000CP233V3	DAX 10700TL OPENC	EUR											
Certificate	DE000CP23RV1	DAX 10700TL OPENC	EUR											
Certificate	NL0011993241	DAX 10710TL OPENH	EUR											
Certificate	DE000VAGEAX3	DAX 10710TL OPENV	EUR											
Certificate	NL0013018260	DAX 10723BL OPENB	EUR											
Certificate	NL0013083439	DAX 10726TRL OPENH	EUR											
Certificate	DE000VA77CF2	DAX 10738TL OPENV	EUR											
Certificate	NL0013083421	DAX 10746TRL OPENH	EUR											
Certificate	DE000CD628K1	DAX 10747TL OPENZ	EUR											
Certificate	LU1876839470	DAX 10750TCIOPENS	EUR											
Certificate	NL0011993233	DAX 10760TL OPENH	EUR											
Certificate	DE000VAGEAZ8	DAX 10760TL OPENV	EUR											
Certificate	NL0011931043	DAX 10764TRL OPENH	EUR											
Certificate	NL0013018278	DAX 10771BL OPENB	EUR											
Certificate	LU1840977299	DAX 10779TCIOPENS	EUR											
Certificate	NL0012030050	DAX 10780TL OPENB	EUR											
Certificate	DE000VA77CK2	DAX 10788TL OPENV	EUR											
Certificate	NL0013126881	DAX 10792TRL OPENH	EUR											
Certificate	DE000CD62AS7	DAX 10795TL OPENZ	EUR											
Certificate	DE000VA7TB22	DAX 10800TL 0319V	EUR											
Certificate	DE000CV8BDZ2	DAX 10800TL 1218Z	EUR											
Certificate	DE000VAGEA09	DAX 10810TL OPENV	EUR											
Certificate	NL0013165202	DAX 10820TS OPENB	EUR	2,1500	2,4250	1,5500	60760,0000	7	1,5550	31000				
Certificate	NL0013018286	DAX 10821BL OPENB	EUR											
Certificate	NL0013083413	DAX 10824TRL OPENH	EUR											
Certificate	NL0013163579	DAX 10830TL OPENB	EUR											
Certificate	NL0012095640	DAX 10830TL OPENH	EUR											
Certificate	DE000CD62CC7	DAX 10844TL OPENZ	EUR											
Certificate	LU1876839553	DAX 10850TCIOPENS	EUR											
Certificate	DE000VA3ZWT7	DAX 10850TL 1218V	EUR											
Certificate	NL0013129265	DAX 10852TRL OPENH	EUR											
Certificate	NL0012095632	DAX 10860TL OPENH	EUR											
Certificate	DE000VAGEA17	DAX 10860TL OPENV	EUR											
Certificate	NL0013192164	DAX 10860TS OPENH	EUR											
Certificate	NL0013081029	DAX 10868TRL OPENH	EUR											
Certificate	NL0013018294	DAX 10871BL OPENB	EUR											
Certificate	DE000VN9HGG7	DAX 10880TS OPENV	EUR											
Certificate	DE000VA7PVQ7	DAX 10884TL OPENV	EUR											
Certificate	NL0013079809	DAX 10888TRL OPENH	EUR											
Certificate	DE000CD62EB5	DAX 10890TL OPENZ	EUR											
Certificate	DE000CD62CD5	DAX 10895TL OPENZ	EUR											
Certificate	LU1859844190	DAX 10897TCIOPENS	EUR											
Certificate	DE000VA7PVH6	DAX 10900TL 0319V	EUR											
Certificate	DE000CJ3P4A3	DAX 10900TL 0319Z	EUR											
Certificate	DE000VA3ZWU5	DAX 10900TL 1218V	EUR											
Certificate	DE000CP236Y0	DAX 10900TL OPENC	EUR											
Certificate	NL0013126667	DAX 10900TL OPENH	EUR											
Certificate	NL0013192156	DAX 10900TS OPENH	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	DE000VAGEA25	DAX 10910TL OPENV	EUR											
Certificate	NL0013165210	DAX 10920TS OPENB	EUR	3,3200	3,3200	1,6700	70393,0000	27	2,7150	30400				
Certificate	NL0012029409	DAX 10922BL OPENB	EUR											
Certificate	NL0013083405	DAX 10924TRL OPENH	EUR											
Certificate	DE000VAGEA66	DAX 10925TL OPENV	EUR											
Certificate	DE000VN9HJG1	DAX 10930TS OPENV	EUR	3,9350	3,9350	3,9350			3,9350					
Certificate	NL0013192149	DAX 10940TS OPENH	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000VN9HF27	DAX 10940TS OPENV	EUR											
Certificate	DE000CJ3QKK4	DAX 10943TL OPENZ	EUR											
Certificate	LU1732548901	DAX 10948TL OPENS	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0012898597	DAX 10949TRL OPENH	EUR											
Certificate	DE000VA3ZWW3	DAX 10950TL 1218V	EUR											
Certificate	NL0013079122	DAX 10950TL OPENH	EUR											
Certificate	DE000CJ3QYE8	DAX 10954TS OPENZ	EUR	2,6500	2,8100	0,9600	160810,7000	80	2,1550	83670				
Certificate	DE000VAGEA33	DAX 10960TL OPENV	EUR											
Certificate	NL0013191901	DAX 10969TRS OPENH	EUR	1,3000	2,3200	1,3000	693,9000	4	2,3200	470				
Certificate	NL0013086747	DAX 10979TRL OPENH	EUR											
Certificate	DE000VN9HGL7	DAX 10980TS OPENV	EUR	4,4450	4,4450	4,4450			4,4450					
Certificate	NL0013085830	DAX 10981TRL OPENH	EUR											
Certificate	NL0013018302	DAX 10983BL OPENB	EUR											
Certificate	NL0013084528	DAX 10983TRL 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	NL0013083397	DAX 10984TRLOPENH	EUR											
Certificate	NL0013191893	DAX 10989TRSOPENH	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	NL0012036925	DAX 10990TL OPENB	EUR											
Certificate	NL0013184518	DAX 10990TL OPENH	EUR											
Certificate	DE000VN9HF35	DAX 10990TS OPENV	EUR											
Certificate	LU1859844273	DAX 10992TCIOPENS	EUR											
Certificate	DE000C3QKL2	DAX 10993TL OPENZ	EUR											
Certificate	DE000C3JNYK2	DAX 11000SWT0119Z	EUR											
Certificate	DE000C3JNYL0	DAX 11000SWT0119Z	EUR											
Certificate	DE000CP06MV7	DAX 11000TL 0319C	EUR											
Certificate	DE000VA64082	DAX 11000TL 0319V	EUR											
Certificate	DE000VA32WW1	DAX 11000TL 1218V	EUR											
Certificate	DE000CV8AAM8	DAX 11000TL 1218Z	EUR											
Certificate	DE000CP23KF9	DAX 11000TL OPENC	EUR											
Certificate	DE000VN9HGC6	DAX 11000TS 0319V	EUR											
Certificate	DE000C3QYF5	DAX 11004TS OPENZ	EUR	2,6550	2,6550	2,6550			2,6550					
Certificate	NL0013191885	DAX 11009TRSOPENH	EUR	2,5600	2,7100	1,6500	10673,0000	6	2,7100	5100				
Certificate	DE000VA90W08	DAX 11013TL OPENV	EUR											
Certificate	NL0013082886	DAX 11015TRLOPENH	EUR											
Certificate	NL0013164353	DAX 11020TS OPENB	EUR	4,1100	4,1150	2,6650	218255,0000	10	3,7250	68500				
Certificate	NL0013191273	DAX 11020TS OPENH	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	NL0013191877	DAX 11029TRSOPENH	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000VN9HDH2	DAX 11030TS OPENV	EUR	4,9450	4,9450	4,9450			4,9450					
Certificate	NL0013157688	DAX 11032BL OPENB	EUR											
Certificate	NL0013164726	DAX 11034BS OPENB	EUR	2,9700	3,2000	1,9650	11361,7700	16	3,1150	4350				
Certificate	NL0013156805	DAX 11040TL OPENB	EUR											
Certificate	DE000VA90WM1	DAX 11040TL OPENV	EUR											
Certificate	DE000VN9HF43	DAX 11040TS OPENV	EUR	2,9550	2,9550	2,9550			2,9550					
Certificate	DE000C3QKM0	DAX 11043TL OPENZ	EUR											
Certificate	NL0013185671	DAX 11049TRLOPENH	EUR											
Certificate	NL0013191869	DAX 11049TRSOPENH	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	LU1876839637	DAX 11050TCIOPENS	EUR											
Certificate	NL0013184831	DAX 11050TL OPENH	EUR											
Certificate	DE000C3QY63	DAX 11054TS OPENZ	EUR	3,1450	3,1450	3,1450			3,1450					
Certificate	NL0013190473	DAX 11060TS OPENH	EUR	3,6900	4,6400	3,6900	2226,0000	2	4,6400	600				
Certificate	DE000VA90W16	DAX 11063TL OPENV	EUR											
Certificate	NL0013185663	DAX 11069TRLOPENH	EUR											
Certificate	NL0013191851	DAX 11069TRSOPENH	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000VN9HDJ8	DAX 11080TS OPENV	EUR	5,4550	5,4550	5,4550			5,4550					
Certificate	NL0013157696	DAX 11082BL OPENB	EUR											
Certificate	NL0013185655	DAX 11089TRLOPENH	EUR											
Certificate	NL0013191844	DAX 11089TRSOPENH	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	NL0013157209	DAX 11090TL OPENB	EUR											
Certificate	DE000VA90WP4	DAX 11090TL OPENV	EUR											
Certificate	DE000VN9HC46	DAX 11090TS OPENV	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	LU1876973956	DAX 11100TCIOPENS	EUR											
Certificate	DE000VA90WX8	DAX 11100TL 0319V	EUR											
Certificate	DE000CP23938	DAX 11100TL OPENC	EUR											
Certificate	DE000VN9HDD1	DAX 11100TS 0319V	EUR	3,6550	3,6550	3,6550			3,6550					
Certificate	DE000C3QXF7	DAX 11100TS 0319Z	EUR	4,0500	4,4000	2,5000	260427,3600	305	3,7250	76485				
Certificate	DE000C3QWW4	DAX 11103TS OPENZ	EUR	3,9800	4,1400	2,4000	6975,1100	16	3,6350	2082				
Certificate	NL0013191836	DAX 11109TRSOPENH	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0013185333	DAX 11110TL OPENH	EUR											
Certificate	DE000VA90XM9	DAX 11113TL OPENV	EUR											
Certificate	NL0013163801	DAX 11120TS OPENB	EUR	5,1300	5,1300	4,5600	6268,5000	3	4,7050	1300				
Certificate	NL0013190465	DAX 11120TS OPENH	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	NL0013191000	DAX 11128TRSOPENH	EUR	3,7800	3,9200	3,3500	2924,0000	4	3,8800	800				
Certificate	NL0013187768	DAX 11130TRLOPENH	EUR											
Certificate	DE000VN9HDK6	DAX 11130TS OPENV	EUR	5,9650	5,9650	5,9650			5,9650					
Certificate	DE000C3QW37	DAX 11130TS OPENZ	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	NL0013157944	DAX 11131BL OPENB	EUR											
Certificate	NL0013163900	DAX 11133BS OPENB	EUR	4,3950	4,5550	3,0150	33011,3000	24	4,1050	9380				
Certificate	NL0013157217	DAX 11140TL OPENB	EUR											
Certificate	DE000VA90WT6	DAX 11140TL OPENV	EUR											
Certificate	DE000C3QP28	DAX 11140TL OPENZ	EUR											
Certificate	DE000VN9HC61	DAX 11140TS OPENV	EUR	3,9250	3,9250	3,9250			3,9250					
Certificate	DE000C3QQY2	DAX 11141TL OPENZ	EUR											
Certificate	NL0013190994	DAX 11148TRSOPENH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	LU1876839710	DAX 11150TCIOPENS	EUR											
Certificate	NL0013187750	DAX 11150TRLOPENH	EUR											
Certificate	DE000C3QWX2	DAX 11153TS OPENZ	EUR	3,9800	4,1250	3,0300	2753,0000	8	4,1250	800				
Certificate	NL0013190176	DAX 11165TRSOPENH	EUR	3,9600	4,2500	3,5800	3866,0000	4	4,2500	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	DE000VN9G6E7	DAX 11166TL OPENV	EUR											
Certificate	NL0013185325	DAX 11170TL OPENH	EUR											
Certificate	NL0013187743	DAX 11170TRLOPENH	EUR											
Certificate	NL0013159866	DAX 11180BL OPENB	EUR											
Certificate	NL0013190457	DAX 11180TS OPENH	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	DE000VN9HDL4	DAX 11180TS OPENV	EUR	6,4750	6,4750	6,4750			6,4750					
Certificate	NL0013190168	DAX 11185TRSOPENH	EUR	4,9300	4,9300	3,4100	184280,0000	43	4,4400	45000				
Certificate	NL0013187735	DAX 11189TRLOPENH	EUR											
Certificate	NL0013157225	DAX 11190TL OPENB	EUR											
Certificate	DE000VA90ZP7	DAX 11190TL OPENV	EUR											
Certificate	DE000VN9HDA7	DAX 11190TS OPENV	EUR	4,4150	4,4150	4,4150			4,4150					
Certificate	DE000CJ3QQ29	DAX 11191TL OPENZ	EUR											
Certificate	LU1876839801	DAX 11200TCIOPENS	EUR											
Certificate	LU1876974095	DAX 11200TCIOPENS	EUR											
Certificate	DE000VN9G577	DAX 11200TL 0319V	EUR											
Certificate	DE000CY0AQ84	DAX 11200TL OPENC	EUR											
Certificate	DE000VN9HDE9	DAX 11200TS 0319V	EUR	4,6650	4,6650	4,6650			4,6650					
Certificate	DE000CP23RW9	DAX 11200TS OPENC	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	DE000CP23PS1	DAX 11200TS OPENC	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	DE000CJ3QUP2	DAX 11201TS OPENZ	EUR	5,0600	5,2900	3,3800	56330,0000	13	4,5850	13400				
Certificate	NL0013190150	DAX 11205TRSOPENH	EUR	3,5700	4,6400	3,5700	3660,0000	2	4,6400	1000				
Certificate	NL0013187727	DAX 11209TRLOPENH	EUR											
Certificate	NL0013185903	DAX 11210TL OPENH	EUR											
Certificate	NL0013163819	DAX 11220TS OPENB	EUR	5,7150	5,7150	5,7150			5,7150					
Certificate	NL0013190143	DAX 11225TRSOPENH	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	NL0013162944	DAX 112298S OPENB	EUR	5,3200	5,6000	4,1800	5673,8000	7	5,0650	1050				
Certificate	NL0013187719	DAX 11229TRLOPENH	EUR											
Certificate	NL0013159874	DAX 11230BL OPENB	EUR											
Certificate	DE000VN9HA55	DAX 11230TS OPENV	EUR	6,9650	6,9650	6,9650			6,9650					
Certificate	NL0013160393	DAX 11240TL OPENB	EUR											
Certificate	NL0013188048	DAX 11240TL OPENH	EUR											
Certificate	NL0013190440	DAX 11240TS OPENH	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	DE000VN9HDC3	DAX 11240TS OPENV	EUR	4,9050	4,9050	4,9050			4,9050					
Certificate	DE000CJ3QQ01	DAX 11241TL OPENZ	EUR											
Certificate	NL0013190135	DAX 11245TRSOPENH	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	NL0013187701	DAX 11249TRLOPENH	EUR											
Certificate	LU1876839983	DAX 11250TCIOPENS	EUR											
Certificate	DE000VN9G683	DAX 11250TL OPENV	EUR											
Certificate	DE000CJ3QU00	DAX 11250TS OPENZ	EUR	4,4000	5,0700	3,8600	18333,0000	9	5,0700	4300				
Certificate	NL0013190127	DAX 11265TRSOPENH	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	NL0013187693	DAX 11269TRLOPENH	EUR											
Certificate	NL0013159882	DAX 11280BL OPENB	EUR											
Certificate	NL0013188030	DAX 11280TL OPENH	EUR											
Certificate	DE000VN9HA71	DAX 11280TS OPENV	EUR	7,4750	7,4750	7,4750			7,4750					
Certificate	NL0013190119	DAX 11285TRSOPENH	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	NL0013187685	DAX 11289TRLOPENH	EUR											
Certificate	NL0013160401	DAX 11290TL OPENB	EUR											
Certificate	DE000VN9HA20	DAX 11290TS OPENV	EUR	5,3850	5,3850	5,3850			5,3850					
Certificate	LU1876974178	DAX 11300TCIOPENS	EUR											
Certificate	LU1876840056	DAX 11300TCIOPENS	EUR											
Certificate	DE000VN9HA55	DAX 11300TS 0319V	EUR	5,6750	5,6750	5,6750			5,6750					
Certificate	DE000CJ3QWQ6	DAX 11300TS 0319Z	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	DE000CP23RX7	DAX 11300TS OPENC	EUR	7,1300	7,1300	6,4800	4763,5000	2	6,5500	700				
Certificate	DE000CP23PT9	DAX 11300TS OPENC	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0013190432	DAX 11300TS OPENH	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	DE000CJ3QWY0	DAX 11303TS OPENZ	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	NL0013190101	DAX 11305TRSOPENH	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	NL0013187677	DAX 11309TRLOPENH	EUR											
Certificate	NL0013163827	DAX 11320TS OPENB	EUR	7,1600	7,1600	5,5050	20091,2000	5	6,7250	3195				
Certificate	NL0013190093	DAX 11325TRSOPENH	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	NL0013162951	DAX 113298S OPENB	EUR	6,0650	6,0650	6,0650			6,0650					
Certificate	DE000VN9HA97	DAX 11330TS OPENV	EUR	7,9850	7,9850	7,9850			7,9850					
Certificate	NL0013188022	DAX 11340TL OPENH	EUR											
Certificate	DE000VN9HA06	DAX 11340TS OPENV	EUR	5,8850	5,8850	5,8850			5,8850					
Certificate	NL0013190085	DAX 11345TRSOPENH	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	DE000CJ3QUR8	DAX 11350TS OPENZ	EUR	6,0500	6,0500	6,0500			6,0500					
Certificate	NL0013190424	DAX 11360TS OPENH	EUR	8,4000	8,4500	7,7000	50265,0000	3	7,7000	6000				
Certificate	NL0013190077	DAX 11365TRSOPENH	EUR	6,0000	6,2100	5,3300	23030,0000	4	6,2100	4000				
Certificate	DE000VN9G8X3	DAX 11380TS OPENV	EUR	8,4850	8,4850	8,4850			8,4850					
Certificate	DE000CJ3QVR6	DAX 11380TS OPENZ	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	NL0013190069	DAX 11385TRSOPENH	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	DE000VN9HA22	DAX 11390TS OPENV	EUR	6,3850	6,3850	6,3850			6,3850					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1876974251	DAX 11400TCIOPENS	EUR											
Certificate	NL0013188014	DAX 11400TL OPENH	EUR											
Certificate	DE000VN9HAW7	DAX 11400TS 0319V	EUR	6,6850	6,6850	6,6850				6,6850				
Certificate	DE000CP23RY5	DAX 11400TS OPENC	EUR	7,5500	7,5500	7,5500				7,5500				
Certificate	DE000CP23PU7	DAX 11400TS OPENC	EUR	6,5100	6,5100	6,5100				6,5100				
Certificate	NL0013189459	DAX 11400TS OPENH	EUR	8,0900	8,0900	8,0900				8,0900				
Certificate	DE000CJ3QW27	DAX 11403TS OPENZ	EUR	6,5700	6,5700	6,5700				6,5700				
Certificate	NL0013190051	DAX 11405TRSOPENH	EUR	6,5900	6,5900	6,5900				6,5900				
Certificate	NL0013190044	DAX 11425TRSOPENH	EUR	6,8000	6,8000	6,8000				6,8000				
Certificate	NL0013162969	DAX 11429BS OPENB	EUR	7,5800	7,6700	6,9250	1455,5000	3		7,0650	200			
Certificate	DE000VN9G809	DAX 11430TS OPENV	EUR	8,9950	8,9950	8,9950				8,9950				
Certificate	DE000VN9G853	DAX 11440TS OPENV	EUR	6,8750	6,8750	6,8750				6,8750				
Certificate	NL0013190036	DAX 11445TRSOPENH	EUR	7,0000	7,0000	7,0000				7,0000				
Certificate	LU1876842771	DAX 11450TPIOPENS	EUR											
Certificate	DE000CJ3QUS6	DAX 11450TS OPENZ	EUR	7,0400	7,0400	7,0400				7,0400				
Certificate	DE000VA9C5Y8	DAX 11451TS OPENV	EUR											
Certificate	NL0013189442	DAX 11460TS OPENH	EUR	8,7100	8,7100	8,7100				8,7100				
Certificate	NL0013190028	DAX 11465TRSOPENH	EUR	7,2000	7,2000	7,2000				7,2000				
Certificate	DE000VN9G833	DAX 11480TS OPENV	EUR	9,5050	9,5050	9,5050				9,5050				
Certificate	NL0013189236	DAX 11484TRSOPENH	EUR	7,3800	7,3800	7,3800				7,3800				
Certificate	DE000VN9G8T1	DAX 11490TS OPENV	EUR	7,3750	7,3750	7,3750				7,3750				
Certificate	LU1876974335	DAX 11500TCIOPENS	EUR											
Certificate	LU1876842854	DAX 11500TPIOPENS	EUR											
Certificate	DE000VN9G8K0	DAX 11500TS 0319V	EUR	7,6850	7,6850	7,6850				7,6850				
Certificate	DE000CJ3QWR4	DAX 11500TS 0319Z	EUR	7,6700	7,6700	7,6700				7,6700				
Certificate	DE000CJ3QTF5	DAX 11500TS OPENZ	EUR	7,2600	7,5300	7,1700	1084,5000	2		7,5300	150			
Certificate	NL0013189228	DAX 11504TRSOPENH	EUR	7,5800	7,5800	7,5800				7,5800				
Certificate	NL0013189210	DAX 11524TRSOPENH	EUR	7,7700	7,7700	7,7700				7,7700				
Certificate	DE000VN9G841	DAX 11530TS OPENV	EUR	10,0150	10,0150	10,0150				10,0150				
Certificate	NL0013188717	DAX 11540TS OPENH	EUR	9,5100	9,5100	9,5100				9,5100				
Certificate	DE000VN9G8U9	DAX 11540TS OPENV	EUR	7,8750	7,8750	7,8750				7,8750				
Certificate	NL0013189202	DAX 11544TRSOPENH	EUR	7,9700	7,9700	7,9700				7,9700				
Certificate	DE000CJ3QTG3	DAX 11549TS OPENZ	EUR	8,0200	8,0200	8,0200				8,0200				
Certificate	LU1876842938	DAX 11550TPIOPENS	EUR											
Certificate	NL0013189194	DAX 11563TRSOPENH	EUR	8,1700	8,1700	8,1700				8,1700				
Certificate	NL0013132988	DAX 11580TS OPENH	EUR	8,8200	10,0700	8,8200	122020,0000	6		9,9300	13000			
Certificate	NL0013133903	DAX 11593TRSOPENH	EUR	7,5200	8,4600	7,4700	32104,0000	7		8,4600	4200			
Certificate	DE000CJ3QC29	DAX 11597TS OPENZ	EUR	8,5000	8,5000	8,5000				8,5000				
Certificate	LU1876843076	DAX 11600TPIOPENS	EUR	8,3200	8,3200	8,3200				8,3200				
Certificate	DE000VA9C5Q4	DAX 11600TS 0319V	EUR	8,6950	8,6950	8,6950				8,6950				
Certificate	DE000CP23714	DAX 11600TS OPENC	EUR	9,4100	9,4100	9,4100				9,4100				
Certificate	DE000CP233Y7	DAX 11600TS OPENC	EUR	8,8100	8,8100	7,2700	6827,2000	5		8,3100	830			
Certificate	DE000VA9C2M0	DAX 11600TS OPENV	EUR	10,6050	10,6050	10,6050				10,6050				
Certificate	DE000VA9C522	DAX 11601TS OPENV	EUR	8,3650	8,3650	8,3650				8,3650				
Certificate	NL0013133895	DAX 11612TRSOPENH	EUR	9,0000	9,0000	8,6600	8100,0000	1		8,6600	900			
Certificate	NL0013152473	DAX 11620TS OPENB	EUR	10,2100	10,2100	8,6450	12283,0000	8		9,6750	1350			
Certificate	NL0013132848	DAX 11620TS OPENH	EUR	10,3400	10,3400	10,3400				10,3400				
Certificate	NL0013152101	DAX 11628BS OPENB	EUR	9,5300	9,5300	8,2500	8914,0500	9		9,0650	1022			
Certificate	DE000CJ3P919	DAX 11630TS OPENZ	EUR	10,3500	10,3500	10,3500				10,3500				
Certificate	NL0013133887	DAX 11632TRSOPENH	EUR	8,8500	8,8500	8,8500				8,8500				
Certificate	LU1876843159	DAX 11650TPIOPENS	EUR	8,8200	8,8200	8,8200				8,8200				
Certificate	DE000VA9C2P3	DAX 11650TS OPENV	EUR	11,1150	11,1150	11,1150				11,1150				
Certificate	DE000CJ3QRT0	DAX 11650TS OPENZ	EUR	9,0200	9,0200	9,0200				9,0200				
Certificate	NL0013086622	DAX 11651TRSOPENH	EUR	9,0300	9,0300	9,0300				9,0300				
Certificate	DE000VA9C2L2	DAX 11652TS OPENV	EUR	8,8650	8,8650	8,8650				8,8650				
Certificate	NL0013087208	DAX 11660TS OPENH	EUR	10,7900	10,7900	10,7900				10,7900				
Certificate	NL0013086614	DAX 11671TRSOPENH	EUR	9,2300	9,2300	9,2300				9,2300				
Certificate	LU1732547762	DAX 11672TL OPENS	EUR	0,0600	0,0600	0,0600				0,0600				
Certificate	NL0013086606	DAX 11691TRSOPENH	EUR	9,4300	9,4300	9,4300				9,4300				
Certificate	DE000CJ3P7D0	DAX 11693TS OPENZ	EUR	8,7700	9,4500	8,7700	131,5500	1		9,4500	15			
Certificate	DE000CP06578	DAX 11700TL OPENC	EUR											
Certificate	LU1876843233	DAX 11700TPIOPENS	EUR	9,3100	9,3100	9,3100				9,3100				
Certificate	DE000VA8FV01	DAX 11700TS 0319V	EUR	9,6950	9,6950	9,6950				9,6950				
Certificate	DE000CJ3QR67	DAX 11700TS 0319Z	EUR	9,6600	9,6600	9,6600				9,6600				
Certificate	DE000VA8FVQ6	DAX 11700TS 1218V	EUR	9,6050	9,6050	9,6050				9,6050				
Certificate	DE000CP23722	DAX 11700TS OPENC	EUR	10,4100	10,4100	10,4100				10,4100				
Certificate	DE000CY52Z51	DAX 11700TS OPENC	EUR	9,0800	9,0800	9,0800				9,0800				
Certificate	NL0013014053	DAX 11710TS OPENB	EUR	10,5050	10,5050	10,5050				10,5050				
Certificate	NL0013126626	DAX 11710TS OPENH	EUR	11,7400	11,8100	10,1000	14164,8000	31		11,2400	1348			
Certificate	DE000VA8FWJ9	DAX 11710TS OPENV	EUR	11,5150	11,5150	11,5150				11,5150				
Certificate	DE000VA8FVD4	DAX 11719TS OPENV	EUR	9,3350	9,3350	9,3350				9,3350				
Certificate	NL0013013782	DAX 11727BS OPENB	EUR	10,3300	10,4200	8,9900	17458,5800	9		10,0350	1860			



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013085509	DAX 11730TRSOPENH	EUR	9,8100	9,8100	9,8100			9,8100					
Certificate	DE000C3PFD1	DAX 11734TS OPENZ	EUR	9,8600	9,8600	9,8600			9,8600					
Certificate	NL0013085244	DAX 11740TS OPENH	EUR	11,5800	11,5800	11,5800			11,5800					
Certificate	DE000VA8FWM3	DAX 11760TS OPENV	EUR	12,0250	12,0250	12,0250			12,0250					
Certificate	DE000VA8VVF9	DAX 11769TS OPENV	EUR	9,8350	9,8350	9,8350			9,8350					
Certificate	NL0013085491	DAX 11770TRSOPENH	EUR	10,2000	10,2000	10,2000			10,2000					
Certificate	LU1859829639	DAX 11775TPIOPENS	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	DE000C3PFE9	DAX 11784TS OPENZ	EUR	10,6800	10,6800	9,7400	5155,0000	4	10,3600	500				
Certificate	NL0013080948	DAX 11787TRSOPENH	EUR	10,3800	10,3800	10,3800			10,3800					
Certificate	NL0013085483	DAX 11790TRSOPENH	EUR	10,4000	10,4000	10,4000			10,4000					
Certificate	DE000CP06M28	DAX 11800TL 0319C	EUR											
Certificate	DE000VA8FV43	DAX 11800TS 0319V	EUR	10,7050	10,7050	10,7050			10,7050					
Certificate	DE000VA8FVS2	DAX 11800TS 1218V	EUR	10,6050	10,6050	10,6050			10,6050					
Certificate	DE000C3PJ87	DAX 11800TS 1218Z	EUR	10,5800	10,5800	10,5800			10,5800					
Certificate	DE000CP23KG7	DAX 11800TS OPENC	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	DE000CV52ZT9	DAX 11800TS OPENC	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	NL0013081425	DAX 11800TS OPENH	EUR	12,2000	12,2000	12,2000			12,2000					
Certificate	NL0013014061	DAX 11810TS OPENB	EUR	11,5150	11,5150	11,5150			11,5150					
Certificate	DE000VA8FSF5	DAX 11810TS OPENV	EUR	12,5150	12,5150	12,5150			12,5150					
Certificate	NL0013080930	DAX 11816TRSOPENH	EUR	10,6700	10,6700	10,6700			10,6700					
Certificate	DE000VA8FVJ1	DAX 11819TS OPENV	EUR	10,3350	10,3350	10,3350			10,3350					
Certificate	NL0013008451	DAX 11823BS OPENB	EUR	11,3500	11,3500	9,9150	11245,0800	4	10,9950	1099				
Certificate	LU1841151662	DAX 11829TPIOPENS	EUR	10,3300	10,3300	10,3300			10,3300					
Certificate	DE000C3PFF6	DAX 11834TS OPENZ	EUR	10,8600	10,8600	10,8600			10,8600					
Certificate	NL0013080922	DAX 11846TRSOPENH	EUR	10,9600	10,9600	10,9600			10,9600					
Certificate	DE000VA71NP3	DAX 11860TS OPENV	EUR	12,9750	12,9750	12,9750			12,9750					
Certificate	NL0013081417	DAX 11870TS OPENH	EUR	12,9200	12,9200	12,9200			12,9200					
Certificate	DE000VA8FSA6	DAX 11870TS OPENV	EUR	10,8250	10,8250	10,8250			10,8250					
Certificate	NL0013080914	DAX 11876TRSOPENH	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	LU1732547846	DAX 11880TL OPENS	EUR	0,0100	0,0100	0,0100			0,0100					
Certificate	NL0013083363	DAX 11882TRSOPENH	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	DE000C3N4D9	DAX 11882TS OPENZ	EUR	11,3300	11,3300	11,3300			11,3300					
Certificate	DE000VA71NE7	DAX 11900TS 0319V	EUR	11,7050	11,7050	11,7050			11,7050					
Certificate	DE000C3P4D7	DAX 11900TS 0319Z	EUR	11,6500	11,6500	11,6500			11,6500					
Certificate	DE000VA71MX9	DAX 11900TS 1218V	EUR	11,6050	11,6050	11,6050			11,6050					
Certificate	DE000CP07C34	DAX 11900TS OPENC	EUR	12,0100	12,0100	12,0100			12,0100					
Certificate	DE000CP06VJ3	DAX 11900TS OPENC	EUR	10,8300	10,8300	10,8300			10,8300					
Certificate	DE000C3N5U0	DAX 11900TS OPENZ	EUR	13,1000	13,1000	13,1000			13,1000					
Certificate	NL0013080906	DAX 11906TRSOPENH	EUR	11,5400	11,5400	11,5400			11,5400					
Certificate	NL0013009434	DAX 11910TS OPENB	EUR	12,3000	12,5450	12,3000	2460,0000	1	12,5450	200				
Certificate	DE000VA71NR9	DAX 11910TS OPENV	EUR	13,4850	13,4850	13,4850			13,4850					
Certificate	NL0013008469	DAX 11922BS OPENB	EUR	11,7300	11,9850	11,7250	4716,0000	2	11,9850	400				
Certificate	DE000VA71MC3	DAX 11923TS OPENV	EUR	11,2950	11,2950	11,2950			11,2950					
Certificate	LU1840974601	DAX 11930TPIOPENS	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	NL0013081409	DAX 11930TS OPENH	EUR	13,5200	13,5200	13,5200			13,5200					
Certificate	DE000C3PCH9	DAX 11932TS OPENZ	EUR	11,8300	11,8300	11,8300			11,8300					
Certificate	NL0013080898	DAX 11936TRSOPENH	EUR	11,8500	11,8500	11,8500			11,8500					
Certificate	DE000VA71NT5	DAX 11960TS OPENV	EUR	13,9850	13,9850	13,9850			13,9850					
Certificate	NL0013080880	DAX 11966TRSOPENH	EUR	12,1300	12,1300	12,1300			12,1300					
Certificate	DE000VA71MF6	DAX 11973TS OPENV	EUR	11,7950	11,7950	11,7950			11,7950					
Certificate	DE000C3N4E7	DAX 11981TS OPENZ	EUR	12,3200	12,3200	12,3200			12,3200					
Certificate	NL0013125073	DAX 11991TRSOPENH	EUR	12,3900	12,3900	12,3900			12,3900					
Certificate	NL0013125834	DAX 11993TRSOPENH	EUR	12,4200	12,4200	12,4200			12,4200					
Certificate	NL0013080872	DAX 11995TRSOPENH	EUR	12,4400	12,4400	12,4400			12,4400					
Certificate	DE000VA71NG2	DAX 12000TS 0319V	EUR	12,7050	12,7050	12,7050			12,7050					
Certificate	DE000VA71M03	DAX 12000TS 1218V	EUR	12,6050	12,6050	12,6050			12,6050					
Certificate	DE000C3PD15	DAX 12000TS 1218Z	EUR	12,5700	12,5700	12,5700			12,5700					
Certificate	DE000CP06VK1	DAX 12000TS OPENC	EUR	11,8300	11,8300	11,8300			11,8300					
Certificate	DE000CP07C42	DAX 12000TS OPENC	EUR	13,0200	13,0200	13,0200			13,0200					
Certificate	NL0013079981	DAX 12000TS OPENH	EUR	14,2300	14,2300	14,2300			14,2300					
Certificate	NL0013007800	DAX 12010TS OPENB	EUR	13,9800	13,9850	12,8300	3964,0000	2	13,5350	300				
Certificate	DE000VA71NU3	DAX 12010TS OPENV	EUR	14,4950	14,4950	14,4950			14,4950					
Certificate	NL0013008477	DAX 12022BS OPENB	EUR	12,9850	12,9850	12,9850			12,9850					
Certificate	LU1840974783	DAX 12023TPIOPENS	EUR	12,1500	12,1500	12,1500			12,1500					
Certificate	DE000VA71MJ8	DAX 12023TS OPENV	EUR	12,2950	12,2950	12,2950			12,2950					
Certificate	NL0013080864	DAX 12025TRSOPENH	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	DE000C3N732	DAX 12034TS OPENZ	EUR	12,8500	12,8500	12,8500			12,8500					
Certificate	NL0013079973	DAX 12050TS OPENH	EUR	14,7300	14,7300	14,7300			14,7300					
Certificate	NL0013080856	DAX 12055TRSOPENH	EUR	13,0300	13,0300	13,0300			13,0300					
Certificate	DE000VA71NW9	DAX 12060TS OPENV	EUR	15,0050	15,0050	15,0050			15,0050					
Certificate	DE000VA71MP5	DAX 12073TS OPENV	EUR	12,7950	12,7950	12,7950			12,7950					
Certificate	DE000VA1GJD2	DAX 12080TL 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	DE000CJ3N3U5	DAX 12080TS OPENZ	EUR	13,3100	13,3100	13,3100			13,3100					
Certificate	NL0013084494	DAX 12082TRSOPENH	EUR	13,3000	13,3000	13,3000			13,3000					
Certificate	NL0013080849	DAX 12085TRSOPENH	EUR	13,3300	13,3300	13,3300			13,3300					
Certificate	NL0013085822	DAX 12089TRSOPENH	EUR	13,3700	13,3700	13,3700			13,3700					
Certificate	NL0013079965	DAX 12090TS OPENH	EUR	15,1300	15,1300	15,1300			15,1300					
Certificate	DE000CQ5AQ80	DAX 12100TL OPENC	EUR											
Certificate	DE000VA71NK4	DAX 12100TS 0319V	EUR	13,7150	13,7150	13,7150			13,7150					
Certificate	DE000CJ3P4E5	DAX 12100TS 0319Z	EUR	13,6500	13,6500	13,6500			13,6500					
Certificate	DE000VA71M45	DAX 12100TS 1218V	EUR	13,6050	13,6050	13,6050			13,6050					
Certificate	DE000CP07C59	DAX 12100TS OPENC	EUR	14,0200	14,0200	14,0200			14,0200					
Certificate	DE000CP06VL9	DAX 12100TS OPENC	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	NL0013007123	DAX 12110TS OPENB	EUR	14,5350	14,5350	14,5350			14,5350					
Certificate	DE000VA71NY5	DAX 12110TS OPENV	EUR	15,5150	15,5150	15,5150			15,5150					
Certificate	NL0013079775	DAX 12114TRSOPENH	EUR	13,6100	13,6100	13,6100			13,6100					
Certificate	LU1840959982	DAX 12118TPIOPENS	EUR	13,0800	13,0800	13,0800			13,0800					
Certificate	NL0013006851	DAX 12120BS OPENB	EUR	13,8400	13,9650	13,8400	692,0000	1	13,9650		50			
Certificate	DE000VA71MR1	DAX 12123TS OPENV	EUR	13,2950	13,2950	13,2950			13,2950					
Certificate	NL0013079957	DAX 12130TS OPENH	EUR	15,5400	15,5400	15,5400			15,5400					
Certificate	DE000CJ3N153	DAX 12130TS OPENZ	EUR	13,8100	13,8100	13,8100			13,8100					
Certificate	NL0013079767	DAX 12133TRSOPENH	EUR	13,8100	13,8100	13,8100			13,8100					
Certificate	DE000CJ3N3C3	DAX 12150TS OPENZ	EUR	15,6100	15,6100	15,6100			15,6100					
Certificate	NL0013079759	DAX 12153TRSOPENH	EUR	14,0100	14,0100	14,0100			14,0100					
Certificate	DE000VA3TJM2	DAX 12160TL OPENV	EUR											
Certificate	DE000VA7TD32	DAX 12160TS OPENV	EUR	15,9850	15,9850	15,9850			15,9850					
Certificate	NL0013079114	DAX 12170TS OPENH	EUR	15,9100	15,9100	15,9100			15,9100					
Certificate	NL0013079742	DAX 12173TRSOPENH	EUR	14,2100	14,2100	14,2100			14,2100					
Certificate	DE000VA7TE56	DAX 12174TS OPENV	EUR	13,7650	13,7650	13,7650			13,7650					
Certificate	DE000CJ3N0U1	DAX 12179TS OPENZ	EUR	14,2900	14,2900	14,2900			14,2900					
Certificate	NL0013079734	DAX 12193TRSOPENH	EUR	14,4000	14,4000	14,4000			14,4000					
Certificate	DE000CQ5AX25	DAX 12200TL OPENC	EUR											
Certificate	DE000VA7TE98	DAX 12200TS 0319V	EUR	14,7150	14,7150	14,7150			14,7150					
Certificate	DE000VA7TE72	DAX 12200TS 1218V	EUR	14,6050	14,6050	14,6050			14,6050					
Certificate	DE000CJ3N3T7	DAX 12200TS 1218Z	EUR	14,5700	14,5700	14,5700			14,5700					
Certificate	NL0013006448	DAX 12200TS OPENB	EUR	15,5350	15,5350	15,5350			15,5350					
Certificate	DE000CP06VM7	DAX 12200TS OPENC	EUR	13,8100	13,8100	13,8100			13,8100					
Certificate	DE000CP07C67	DAX 12200TS OPENC	EUR	15,0300	15,0300	15,0300			15,0300					
Certificate	NL0013079106	DAX 12200TS OPENH	EUR	16,2300	16,2300	16,2300			16,2300					
Certificate	DE000VA7TB67	DAX 12210TS OPENV	EUR	16,4850	16,4850	16,4850			16,4850					
Certificate	NL0013079726	DAX 12213TRSOPENH	EUR	14,5900	14,5900	14,5900			14,5900					
Certificate	NL0013006125	DAX 12218BS OPENB	EUR	14,9450	14,9450	14,9450			14,9450					
Certificate	DE000VA7TDY1	DAX 12224TS OPENV	EUR	14,2550	14,2550	14,2550			14,2550					
Certificate	DE000CJ3NOV9	DAX 12229TS OPENZ	EUR	14,7900	14,7900	14,7900			14,7900					
Certificate	NL0013078462	DAX 12230TRSOPENH	EUR	14,7700	14,7700	14,7700			14,7700					
Certificate	LU1840910548	DAX 12232TPIOPENS	EUR	14,2100	14,2100	14,2100			14,2100					
Certificate	NL0013079098	DAX 12250TS OPENH	EUR	16,7300	16,7300	16,7300			16,7300					
Certificate	NL0013127780	DAX 12255TRSOPENH	EUR	15,0100	15,0100	15,0100			15,0100					
Certificate	DE000VA7TB83	DAX 12260TS OPENV	EUR	16,9850	16,9850	16,9850			16,9850					
Certificate	DE000VA7TD08	DAX 12274TS OPENV	EUR	14,7550	14,7550	14,7550			14,7550					
Certificate	DE000CJ3NOW7	DAX 12279TS OPENZ	EUR	15,2900	15,2900	15,2900			15,2900					
Certificate	NL0013185648	DAX 12285TRSOPENH	EUR	15,3100	15,3100	15,3100			15,3100					
Certificate	DE000CQ5AY02	DAX 12300TL OPENC	EUR											
Certificate	DE000CQ5AXK7	DAX 12300TL OPENC	EUR											
Certificate	DE000VA7TB18	DAX 12300TS 0319V	EUR	15,7150	15,7150	15,7150			15,7150					
Certificate	DE000CJ3P588	DAX 12300TS 0319Z	EUR	15,6500	15,6500	15,6500			15,6500					
Certificate	DE000VA7TBX7	DAX 12300TS 1218V	EUR	15,6050	15,6050	15,6050			15,6050					
Certificate	NL0013005390	DAX 12300TS OPENB	EUR	16,5350	16,5350	16,5350			16,5350					
Certificate	DE000VA7TCA3	DAX 12310TS OPENV	EUR	17,4950	17,4950	17,4950			17,4950					
Certificate	NL0013079536	DAX 12320TRSOPENH	EUR	15,6700	15,6700	15,6700			15,6700					
Certificate	DE000VA7TB57	DAX 12324TS OPENV	EUR	15,2450	15,2450	15,2450			15,2450					
Certificate	DE000CV8A2Z1	DAX 12327TL OPENZ	EUR											
Certificate	DE000CJ3NOX5	DAX 12329TS OPENZ	EUR	15,7900	15,7900	15,7900			15,7900					
Certificate	NL0013079528	DAX 12330TRSOPENH	EUR	15,7700	15,7700	15,7700			15,7700					
Certificate	NL0013078454	DAX 12339TRSOPENH	EUR	15,8400	15,8400	15,8400			15,8400					
Certificate	NL0012906895	DAX 12360TS OPENH	EUR	17,9000	17,9000	17,9000			17,9000					
Certificate	DE000VA7TCD7	DAX 12360TS OPENV	EUR	18,0050	18,0050	18,0050			18,0050					
Certificate	NL0012895478	DAX 12369TRSOPENH	EUR	16,1500	16,1500	16,1500			16,1500					
Certificate	DE000VA7TBU3	DAX 12374TS OPENV	EUR	15,7450	15,7450	15,7450			15,7450					
Certificate	DE000CJ3NZX2	DAX 12378TS OPENZ	EUR	16,2800	16,2800	16,2800			16,2800					
Certificate	DE000CV8A302	DAX 12389TL OPENZ	EUR											
Certificate	NL0012894471	DAX 12390TS OPENH	EUR	18,1500	18,1500	18,1500			18,1500					
Certificate	NL0012900567	DAX 12390TS OPENH	EUR	18,1600	18,1600	18,1600			18,1600					
Certificate	NL0013127772	DAX 12394TRSOPENH	EUR	16,4100	16,4100	16,4100			16,4100					



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	DE000CQ5AY10	DAX 12400TL OPENC	EUR											
Certificate	DE000CQ5AXL5	DAX 12400TL OPENC	EUR											
Certificate	DE000VA7TB34	DAX 12400TS 0319V	EUR	16,7150	16,7150	16,7150				16,7150				
Certificate	DE000VA7TBYS	DAX 12400TS 1218V	EUR	16,6050	16,6050	16,6050				16,6050				
Certificate	DE000CJ3N120	DAX 12400TS 1218Z	EUR	16,5700	16,5700	16,5700				16,5700				
Certificate	DE000CP6891	DAX 12400TS OPENC	EUR											
Certificate	DE000CP67N2	DAX 12400TS OPENC	EUR											
Certificate	NL0012906341	DAX 12404TRSOPENH	EUR	16,5000	16,5000	16,5000				16,5000				
Certificate	DE000VA7PVP9	DAX 12410TS OPENV	EUR	18,4850	18,4850	18,4850				18,4850				
Certificate	NL0012994701	DAX 12412BS OPENB	EUR	16,8850	16,8850	16,8850				16,8850				
Certificate	NL0013186240	DAX 12416TRSOPENH	EUR	16,6200	16,6200	16,6200				16,6200				
Certificate	DE000CV8B896	DAX 12417TS OPENZ	EUR	16,6700	16,6700	16,6700				16,6700				
Certificate	DE000CV8B870	DAX 12420TS OPENZ	EUR	18,3900	18,3900	18,3900				18,3900				
Certificate	DE000VA7TBV1	DAX 12424TS OPENV	EUR	16,2450	16,2450	16,2450				16,2450				
Certificate	DE000CV8A310	DAX 12427TL OPENZ	EUR											
Certificate	NL0012894430	DAX 12430TS OPENH	EUR	18,5600	18,5600	18,5600				18,5600				
Certificate	NL0013182512	DAX 12433TRSOPENH	EUR	16,7900	16,7900	16,7900				16,7900				
Certificate	NL0012895437	DAX 12438TRSOPENH	EUR	16,8400	16,8400	16,8400				16,8400				
Certificate	DE000CV8ADE9	DAX 12439TL OPENC	EUR											
Certificate	NL0012894422	DAX 12440TS OPENH	EUR	18,6500	18,6500	18,6500				18,6500				
Certificate	NL0012894414	DAX 12450TS OPENH	EUR	18,1200	18,7600	18,1200	7248,0000	1		18,7600	400			
Certificate	NL0012906333	DAX 12463TRSOPENH	EUR	17,1000	17,1000	17,1000				17,1000				
Certificate	DE000CJ3NZP8	DAX 12477TS OPENZ	EUR	17,2600	17,2600	17,2600				17,2600				
Certificate	NL0012937585	DAX 12488TRSOPENH	EUR	17,3200	17,3200	17,3200				17,3200				
Certificate	NL0012993398	DAX 12490TS OPENB	EUR	19,0650	19,0650	19,0650				19,0650				
Certificate	DE000VAGD492	DAX 12490TS OPENV	EUR	19,0550	19,0550	19,0550				19,0550				
Certificate	DE000CQ5AXM3	DAX 12500TL OPENC	EUR											
Certificate	DE000CQ5AY28	DAX 12500TL OPENC	EUR											
Certificate	DE000CP6P21	DAX 12500TS 0319C	EUR	17,7100	17,7100	17,7100				17,7100				
Certificate	DE000VA7PVL8	DAX 12500TS 0319V	EUR	17,7150	17,7150	17,7150				17,7150				
Certificate	DE000CJ3P4F2	DAX 12500TS 0319Z	EUR	17,6600	17,6600	17,6600				17,6600				
Certificate	DE000VAGD527	DAX 12500TS 1218V	EUR	17,6050	17,6050	17,6050				17,6050				
Certificate	DE000CP67P7	DAX 12500TS OPENC	EUR	16,3800	16,3800	16,3800				16,3800				
Certificate	DE000CP68A7	DAX 12500TS OPENC	EUR	17,5800	17,5800	17,5800				17,5800				
Certificate	DE000VAGD443	DAX 12500TS OPENV	EUR	16,7350	16,7350	16,7350				16,7350				
Certificate	NL0012905392	DAX 12502TRSOPENH	EUR	17,4800	17,4800	17,4800				17,4800				
Certificate	DE000CV8AVG6	DAX 12508TS OPENZ	EUR	17,5700	17,5700	17,5700				17,5700				
Certificate	NL0012988844	DAX 12510BS OPENB	EUR	17,8650	17,8650	17,8650				17,8650				
Certificate	NL0012893770	DAX 12510TS OPENH	EUR	19,3600	19,3600	19,3600				19,3600				
Certificate	NL0012905384	DAX 12512TRSOPENH	EUR	17,5700	17,5700	17,5700				17,5700				
Certificate	NL0012937544	DAX 12527TRSOPENH	EUR	17,7300	17,7300	17,7300				17,7300				
Certificate	NL0012937890	DAX 12530TS OPENH	EUR	19,5700	19,5700	19,5700				19,5700				
Certificate	DE000VAGD3L2	DAX 12540TS OPENV	EUR	19,5450	19,5450	19,5450				19,5450				
Certificate	NL0012905376	DAX 12542TRSOPENH	EUR	17,8700	17,8700	17,8700				17,8700				
Certificate	DE000VAGD450	DAX 12550TS OPENV	EUR	17,2250	17,2250	17,2250				17,2250				
Certificate	NL0012905368	DAX 12552TRSOPENH	EUR	17,9700	17,9700	17,9700				17,9700				
Certificate	LU1817097154	DAX 12560TPIOPENS	EUR	17,1200	17,1200	17,1200				17,1200				
Certificate	NL0012937502	DAX 12567TRSOPENH	EUR	18,1200	18,1200	18,1200				18,1200				
Certificate	DE000CJ3NV07	DAX 12571TS OPENZ	EUR	18,2100	18,2100	18,2100				18,2100				
Certificate	NL0012893143	DAX 12580TS OPENH	EUR	20,1200	20,1200	20,1200				20,1200				
Certificate	NL0012988638	DAX 12590TS OPENB	EUR	20,0250	20,0250	20,0250				20,0250				
Certificate	DE000VASRRT9	DAX 12590TS OPENV	EUR	20,0450	20,0450	20,0450				20,0450				
Certificate	NL0012937106	DAX 12595TRSOPENH	EUR	18,3900	18,3900	18,3900				18,3900				
Certificate	DE000CP6GQ05	DAX 12600TS 0319C	EUR	18,7100	18,7100	18,7100				18,7100				
Certificate	DE000VA7PPV9	DAX 12600TS 0319V	EUR	18,7150	18,7150	18,7150				18,7150				
Certificate	DE000VASRC29	DAX 12600TS 1218V	EUR	18,6050	18,6050	18,6050				18,6050				
Certificate	DE000CV8AXD9	DAX 12600TS 1218Z	EUR	18,5800	18,5800	18,5800				18,5800				
Certificate	DE000CQ5BWB6	DAX 12600TS OPENC	EUR	18,3400	18,3400	18,3400				18,3400				
Certificate	DE000CP6G4N9	DAX 12600TS OPENC	EUR	17,3500	17,3500	17,3500				17,3500				
Certificate	DE000CV8AU11	DAX 12607TS OPENZ	EUR	18,5600	18,5600	18,5600				18,5600				
Certificate	NL0012988448	DAX 12608BS OPENB	EUR	18,8450	18,8450	18,8450				18,8450				
Certificate	NL0012936777	DAX 12610TS OPENH	EUR	20,3800	20,3800	20,3800				20,3800				
Certificate	NL0012937080	DAX 12615TRSOPENH	EUR	18,5900	18,5900	18,5900				18,5900				
Certificate	DE000VASRC94	DAX 12618TS OPENV	EUR	17,7150	17,7150	17,7150				17,7150				
Certificate	NL0012937072	DAX 12625TRSOPENH	EUR	18,7000	18,7000	18,7000				18,7000				
Certificate	NL0012934483	DAX 12640TS OPENH	EUR	20,7000	20,7000	20,7000				20,7000				
Certificate	DE000VASRDF8	DAX 12640TS OPENV	EUR	20,3850	20,3850	20,3850				20,3850				
Certificate	DE000VASRDM4	DAX 12650TS 1218V	EUR	19,1050	19,1050	19,1050				19,1050				
Certificate	DE000CV8B6R8	DAX 12658TS OPENZ	EUR	19,0700	19,0700	19,0700				19,0700				
Certificate	NL0012937031	DAX 12664TRSOPENH	EUR	19,0900	19,0900	19,0900				19,0900				
Certificate	DE000VASRDA9	DAX 12668TS OPENV	EUR	18,2150	18,2150	18,2150				18,2150				
Certificate	DE000CV8ALE2	DAX 12670TS OPENZ	EUR	20,8700	20,8700	20,8700				20,8700				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1816971482	DAX 12678TPIOPENS	EUR	18,0900	18,0900	18,0900			18,0900					
Certificate	NL0012935019	DAX 12678TRSOPENH	EUR	19,2300	19,2300	19,2300			19,2300					
Certificate	NL0012986582	DAX 12680TS OPENB	EUR	20,3900	20,9450	20,3850	1019,5000	1	20,9450	50				
Certificate	DE000VASRDG6	DAX 12690TS OPENV	EUR	20,8850	20,8850	20,8850			20,8850					
Certificate	DE000CP06N32	DAX 12700TS 0319C	EUR	19,7100	19,7100	19,7100			19,7100					
Certificate	DE000VA7PPY3	DAX 12700TS 0319V	EUR	19,7250	19,7250	19,7250			19,7250					
Certificate	DE000CJ3P596	DAX 12700TS 0319Z	EUR	19,6700	19,6700	19,6700			19,6700					
Certificate	DE000VASRC37	DAX 12700TS 1218V	EUR	19,6050	19,6050	19,6050			19,6050					
Certificate	DE000CQ5BWC4	DAX 12700TS OPENC	EUR	19,3400	19,3400	19,3400			19,3400					
Certificate	DE000CQ5ACD6	DAX 12700TS OPENC	EUR											
Certificate	DE000CP061U0	DAX 12700TS OPENC	EUR	18,3200	18,3200	18,3200			18,3200					
Certificate	DE000CV8AU29	DAX 12706TS OPENZ	EUR	19,5600	19,5600	19,5600			19,5600					
Certificate	NL0012934848	DAX 12707TRSOPENH	EUR	19,5000	19,5000	19,5000			19,5000					
Certificate	NL0012934442	DAX 12710TS OPENH	EUR	21,4000	21,4000	21,4000			21,4000					
Certificate	DE000VASRDB7	DAX 12718TS OPENV	EUR	18,7050	18,7050	18,7050			18,7050					
Certificate	NL0012904098	DAX 12736TRSOPENH	EUR	19,8000	19,8000	19,8000			19,8000					
Certificate	DE000VASRDJ0	DAX 12740TS OPENV	EUR	21,3950	21,3950	21,3950			21,3950					
Certificate	DE000CV89KR3	DAX 12743TS OPENZ	EUR	19,9200	19,9200	19,9200			19,9200					
Certificate	DE000VASRDN2	DAX 12750TS 1218V	EUR	20,1050	20,1050	20,1050			20,1050					
Certificate	NL0012917678	DAX 12756TRSOPENH	EUR	20,0000	20,0000	20,0000			20,0000					
Certificate	DE000VASRDC5	DAX 12768TS OPENV	EUR	19,2050	19,2050	19,2050			19,2050					
Certificate	NL0012916712	DAX 12770TS OPENH	EUR	22,0100	22,0100	22,0100			22,0100					
Certificate	DE000CV89MS7	DAX 12776TS OPENZ	EUR											
Certificate	NL0012986590	DAX 12780TS OPENB	EUR	21,9450	21,9450	21,9450			21,9450					
Certificate	NL0012904080	DAX 12785TRSOPENH	EUR	20,2900	20,2900	20,2900			20,2900					
Certificate	DE000VASRCN4	DAX 12790TS OPENV	EUR	21,8950	21,8950	21,8950			21,8950					
Certificate	LU1816971565	DAX 12794TPIOPENS	EUR	19,2400	19,2400	19,2400			19,2400					
Certificate	DE000CP06N40	DAX 12800TS 0319C	EUR	20,7100	20,7100	20,7100			20,7100					
Certificate	DE000VA7PP08	DAX 12800TS 0319V	EUR	20,7250	20,7250	20,7250			20,7250					
Certificate	DE000VASRDP7	DAX 12800TS 1218V	EUR	20,6050	20,6050	20,6050			20,6050					
Certificate	DE000CV8B680	DAX 12800TS 1218Z	EUR	20,5700	20,5700	20,5700			20,5700					
Certificate	DE000CY52XY4	DAX 12800TS OPENC	EUR											
Certificate	DE000CY52WM1	DAX 12800TS OPENC	EUR											
Certificate	DE000CQ5BUK1	DAX 12800TS OPENC	EUR	19,1100	19,1100	19,1100			19,1100					
Certificate	DE000CP063M3	DAX 12800TS OPENC	EUR	20,5400	20,5400	20,5400			20,5400					
Certificate	DE000CV8AKW6	DAX 12803TS OPENZ	EUR	20,5200	20,5200	20,5200			20,5200					
Certificate	NL0012917637	DAX 12805TRSOPENH	EUR	20,4900	20,4900	20,4900			20,4900					
Certificate	NL0012916670	DAX 12810TS OPENH	EUR	22,4200	22,4200	22,4200			22,4200					
Certificate	DE000VASRCK0	DAX 12818TS OPENV	EUR	19,6950	19,6950	19,6950			19,6950					
Certificate	NL0012917629	DAX 12825TRSOPENH	EUR	20,6800	20,6800	20,6800			20,6800					
Certificate	DE000VASRBJ4	DAX 12840TS OPENV	EUR	22,3750	22,3750	22,3750			22,3750					
Certificate	DE000CV89JK0	DAX 12841TS OPENZ	EUR	20,9000	20,9000	20,9000			20,9000					
Certificate	DE000VASRCM6	DAX 12850TS 1218V	EUR	21,1050	21,1050	21,1050			21,1050					
Certificate	NL0012916654	DAX 12850TS OPENH	EUR	22,8200	22,8200	22,8200			22,8200					
Certificate	NL0012904072	DAX 12855TRSOPENH	EUR	20,9800	20,9800	20,9800			20,9800					
Certificate	DE000CV8AKV8	DAX 12858TS OPENZ	EUR											
Certificate	NL0012981716	DAX 12860TS OPENB	EUR	22,8250	22,8250	22,8250			22,8250					
Certificate	DE000VA4YOM3	DAX 12872TS OPENV	EUR	20,1650	20,1650	20,1650			20,1650					
Certificate	NL0012904064	DAX 12885TRSOPENH	EUR	21,2800	21,2800	21,2800			21,2800					
Certificate	NL0012918262	DAX 12890TS OPENH	EUR	23,2200	23,2200	23,2200			23,2200					
Certificate	DE000CP06N57	DAX 12900TS 0319C	EUR	21,7100	21,7100	21,7100			21,7100					
Certificate	DE000VA7PP32	DAX 12900TS 0319V	EUR	21,7250	21,7250	21,7250			21,7250					
Certificate	DE000VA3TLM8	DAX 12900TS 1218V	EUR	21,6050	21,6050	21,6050			21,6050					
Certificate	DE000CP064P4	DAX 12900TS OPENC	EUR	20,3300	20,3300	20,3300			20,3300					
Certificate	DE000CQ5BPA2	DAX 12900TS OPENC	EUR	20,9000	20,9000	20,9000			20,9000					
Certificate	DE000CY52WN9	DAX 12900TS OPENC	EUR											
Certificate	NL0012917587	DAX 12903TRSOPENH	EUR	21,4600	21,4600	21,4600			21,4600					
Certificate	DE000CV8AGY0	DAX 12903TS OPENZ	EUR	21,5200	21,5200	21,5200			21,5200					
Certificate	DE000CV89JR5	DAX 12910TS OPENZ	EUR	23,3400	23,3400	23,3400			23,3400					
Certificate	NL0012919278	DAX 12916TRSOPENH	EUR	21,5900	21,5900	21,5900			21,5900					
Certificate	LU1790429598	DAX 12929TPIOPENS	EUR	20,0700	20,0700	20,0700			20,0700					
Certificate	NL0012918247	DAX 12930TS OPENH	EUR	23,6300	23,6300	23,6300			23,6300					
Certificate	DE000VA3EDD6	DAX 12930TS OPENV	EUR	22,8450	22,8450	22,8450			22,8450					
Certificate	DE000CV89JM6	DAX 12941TS OPENZ	EUR	21,9000	21,9000	21,9000			21,9000					
Certificate	DE000VA3ZWG4	DAX 12950TS 1218V	EUR	22,1050	22,1050	22,1050			22,1050					
Certificate	DE000VA3EC26	DAX 12959TS OPENV	EUR	19,9100	20,6350	19,9100	139,3700	1	20,6350	7				
Certificate	NL0012916134	DAX 12960TS OPENH	EUR	23,9100	23,9100	23,9100			23,9100					
Certificate	NL0012612469	DAX 12965TRSOPENH	EUR	22,0800	22,0800	22,0800			22,0800					
Certificate	NL0012972566	DAX 12970TS OPENB	EUR	24,5600	24,5600	23,8650	1719,2000	1	23,8650	70				
Certificate	NL0012916126	DAX 12970TS OPENH	EUR	24,1100	24,1100	24,1100			24,1100					
Certificate	NL0012562433	DAX 12972TRSOPENH	EUR	21,9500	22,1600	21,9200	5922,9000	2	22,1600	270				
Certificate	DE000VA3EDF1	DAX 12980TS OPENV	EUR	23,3450	23,3450	23,3450			23,3450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV89J30	DAX 12990TS OPENZ	EUR	22,3900	22,3900	22,3900			22,3900					
Certificate	NL0012681811	DAX 12996BS OPENB	EUR	22,7250	22,7250	22,7250			22,7250					
Certificate	DE000CP06N65	DAX 13000TS 0319C	EUR	22,7100	22,7100	22,7100			22,7100					
Certificate	DE000VA7PP40	DAX 13000TS 0319V	EUR	22,7250	22,7250	22,7250			22,7250					
Certificate	DE000VA3TLN6	DAX 13000TS 1218V	EUR	22,6050	22,6050	22,6050			22,6050					
Certificate	DE000CV8AQM4	DAX 13000TS 1218Z	EUR	23,0600	23,0600	22,5700	4612,0000	1		200				
Certificate	DE000CQ58M62	DAX 13000TS OPENC	EUR	20,4900	20,4900	20,4900			20,4900					
Certificate	DE000CQ58JR9	DAX 13000TS OPENC	EUR	21,6300	21,6300	21,6300			21,6300					
Certificate	DE000CP061V8	DAX 13000TS OPENC	EUR	21,2900	21,2900	21,2900			21,2900					
Certificate	LU1790509274	DAX 13006TPIOPENS	EUR	21,1200	21,1200	21,1200			21,1200					
Certificate	DE000VA3EC42	DAX 13009TS OPENV	EUR	21,1250	21,1250	21,1250			21,1250					
Certificate	NL0012916100	DAX 13010TS OPENH	EUR	24,5100	24,5100	24,5100			24,5100					
Certificate	NL0012914121	DAX 13012TRSOPENH	EUR	22,5500	22,5500	22,5500			22,5500					
Certificate	DE000VA3EDG9	DAX 13030TS OPENV	EUR	23,8550	23,8550	23,8550			23,8550					
Certificate	NL0012562904	DAX 13040TS OPENH	EUR	24,8100	24,8100	24,8100			24,8100					
Certificate	DE000CV89J48	DAX 13040TS OPENZ	EUR	22,8900	22,8900	22,8900			22,8900					
Certificate	DE000VA3ZWH2	DAX 13050TS 1218V	EUR	23,1050	23,1050	23,1050			23,1050					
Certificate	DE000VA3EC67	DAX 13059TS OPENV	EUR	21,6250	21,6250	21,6250			21,6250					
Certificate	NL0012786636	DAX 13060TS OPENB	EUR	24,8550	24,8550	24,8550			24,8550					
Certificate	NL0012612121	DAX 13061TRSOPENH	EUR	23,0400	23,0400	23,0400			23,0400					
Certificate	LU1790509514	DAX 13064TPIOPENS	EUR	21,7000	21,7000	21,7000			21,7000					
Certificate	NL0012562037	DAX 13070TS OPENH	EUR	25,0800	25,0800	25,0800			25,0800					
Certificate	DE000VA3EDH7	DAX 13080TS OPENV	EUR	24,3550	24,3550	24,3550			24,3550					
Certificate	DE000CV89J55	DAX 13090TS OPENZ	EUR	23,3800	23,3800	23,3800			23,3800					
Certificate	DE000VA7PP73	DAX 13100TS 0319V	EUR	23,7250	23,7250	23,7250			23,7250					
Certificate	DE000CJ3P4G0	DAX 13100TS 0319Z	EUR	23,6700	23,6700	23,6700			23,6700					
Certificate	DE000VA3TLP1	DAX 13100TS 1218V	EUR	23,6050	23,6050	23,6050			23,6050					
Certificate	DE000CQ58J57	DAX 13100TS OPENC	EUR	22,6200	22,6200	22,6200			22,6200					
Certificate	NL0012561872	DAX 13100TS OPENH	EUR	25,3700	25,3700	25,3700			25,3700					
Certificate	DE000VA3EC83	DAX 13109TS OPENV	EUR	22,1150	22,1150	22,1150			22,1150					
Certificate	NL0012912760	DAX 13118TRSOPENH	EUR	23,6100	23,6100	23,6100			23,6100					
Certificate	DE000VA3EDJ3	DAX 13130TS OPENV	EUR	24,8650	24,8650	24,8650			24,8650					
Certificate	NL0012918171	DAX 13140TS OPENH	EUR	25,8400	25,8400	25,8400			25,8400					
Certificate	DE000CV89J63	DAX 13140TS OPENZ	EUR	23,8800	23,8800	23,8800			23,8800					
Certificate	DE000VA3ZWI8	DAX 13150TS 1218V	EUR	24,1050	24,1050	24,1050			24,1050					
Certificate	NL0012681282	DAX 13150TS OPENB	EUR	25,0750	25,0750	25,0750			25,0750					
Certificate	DE000CV4ZSE3	DAX 13150TS OPENZ	EUR	25,8250	25,8250	25,8250			25,8250					
Certificate	DE000VA3EC91	DAX 13159TS OPENV	EUR	22,6150	22,6150	22,6150			22,6150					
Certificate	NL0012561534	DAX 13177TRSOPENH	EUR	24,2000	24,2000	24,2000			24,2000					
Certificate	NL0012613160	DAX 13180TS OPENH	EUR	26,1900	26,1900	26,1900			26,1900					
Certificate	DE000CV89J29	DAX 13186TS OPENZ	EUR	24,3400	24,3400	24,3400			24,3400					
Certificate	NL0012498810	DAX 13187BS OPENB	EUR	24,6350	24,6350	24,6350			24,6350					
Certificate	DE000CP06N73	DAX 13200TS 0319C	EUR	24,7000	24,7000	24,7000			24,7000					
Certificate	DE000VA7PQA1	DAX 13200TS 0319V	EUR	24,7250	24,7250	24,7250			24,7250					
Certificate	DE000VA3TLR7	DAX 13200TS 1218V	EUR	24,6050	24,6050	24,6050			24,6050					
Certificate	DE000CV8AL38	DAX 13200TS 1218Z	EUR	24,5700	24,5700	24,5700			24,5700					
Certificate	DE000CQ58FW7	DAX 13200TS OPENC	EUR	23,4600	23,4600	23,4600			23,4600					
Certificate	NL0012918122	DAX 13210TS OPENH	EUR	26,5400	26,5400	26,5400			26,5400					
Certificate	DE000CE6FJ19	DAX 13231TS OPENZ	EUR	24,7900	24,7900	24,7900			24,7900					
Certificate	NL0012537070	DAX 13243TRSOPENH	EUR	24,8600	24,8600	24,8600			24,8600					
Certificate	DE000VA3ZWK6	DAX 13250TS 1218V	EUR	25,1050	25,1050	25,1050			25,1050					
Certificate	NL0012680524	DAX 13250TS OPENB	EUR	28,7950	28,7950	28,7950			28,7950					
Certificate	NL0012915862	DAX 13260TRSOPENH	EUR	25,0200	25,0200	25,0200			25,0200					
Certificate	NL0012903835	DAX 13270TS OPENH	EUR	27,1200	27,1200	27,1200			27,1200					
Certificate	DE000VL61NU1	DAX 13290TS OPENV	EUR	25,2950	25,2950	25,2950			25,2950					
Certificate	DE000CE6BWE2	DAX 13294TS OPENZ	EUR	25,4300	25,4300	25,4300			25,4300					
Certificate	NL0012987259	DAX 13300BOC0619B	EUR	109,6000	111,4000	109,6000			111,4000					
Certificate	LU1756868862	DAX 13300TPIOPENS	EUR	23,2900	23,2900	23,2900			23,2900					
Certificate	DE000VA7PQE3	DAX 13300TS 0319V	EUR	25,7250	25,7250	25,7250			25,7250					
Certificate	DE000VA3TLT3	DAX 13300TS 1218V	EUR	25,6050	25,6050	25,6050			25,6050					
Certificate	NL0012527832	DAX 13320TS OPENH	EUR	27,5700	27,5700	27,5700			27,5700					
Certificate	NL0012909641	DAX 13320TS OPENH	EUR	27,6600	27,6600	27,6600			27,6600					
Certificate	NL0012530125	DAX 13322TRSOPENH	EUR	25,6500	25,6500	25,6500			25,6500					
Certificate	NL0011048228	DAX 13326TRSOPENH	EUR	25,6800	25,6800	25,6800			25,6800					
Certificate	DE000VL61NB1	DAX 13326TS OPENV	EUR	23,0950	23,0950	23,0950			23,0950					
Certificate	DE000VL61NW7	DAX 13340TS OPENV	EUR	25,7950	25,7950	25,7950			25,7950					
Certificate	DE000CE6FJ10	DAX 13341TS OPENZ	EUR	25,9000	25,9000	25,9000			25,9000					
Certificate	DE000VA3ZWL4	DAX 13350TS 1218V	EUR	26,1050	26,1050	26,1050			26,1050					
Certificate	DE000VL61ND7	DAX 13376TS OPENV	EUR	23,5850	23,5850	23,5850			23,5850					
Certificate	NL0012499537	DAX 13382BS OPENB	EUR	26,5950	26,5950	26,5950			26,5950					
Certificate	NL0013084486	DAX 13385TRSOPENH	EUR	26,2800	26,2800	26,2800			26,2800					
Certificate	DE000VL61NZ0	DAX 13390TS OPENV	EUR	26,2950	26,2950	26,2950			26,2950					



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	DE000CE6F4P1	DAX 13393TS OPENZ	EUR	26,4100	26,4100	26,4100			26,4100					
Certificate	LU1756869084	DAX 13396TPIOPENS	EUR	24,2400	24,2400	24,2400			24,2400					
Certificate	NL0012863161	DAX 13398TRSOPENH	EUR	26,4000	26,4000	26,4000			26,4000					
Certificate	DE000CP6N81	DAX 13400TS 0319C	EUR	26,7000	26,7000	26,7000			26,7000					
Certificate	DE000VA7PQH6	DAX 13400TS 0319V	EUR	26,7250	26,7250	26,7250			26,7250					
Certificate	DE000VA3ZWM2	DAX 13400TS 1218V	EUR	26,6050	26,6050	26,6050			26,6050					
Certificate	DE000CV8AAS5	DAX 13400TS 1218Z	EUR	26,5700	26,5700	26,5700			26,5700					
Certificate	DE000CV52X56	DAX 13400TS OPENC	EUR	23,9700	23,9700	23,9700			23,9700					
Certificate	DE000CV52SD8	DAX 13400TS OPENC	EUR	22,6700	22,6700	22,6700			22,6700					
Certificate	DE000CV4ZSD5	DAX 13400TS OPENZ	EUR	28,3150	28,3150	28,3150			28,3150					
Certificate	NL0012851323	DAX 13410TS OPENH	EUR	28,5500	28,5500	28,5500			28,5500					
Certificate	NL0013003866	DAX 13420TS OPENB	EUR	27,7850	27,7850	27,7850			27,7850					
Certificate	DE000VL61NF2	DAX 13426TS OPENV	EUR	24,0750	24,0750	24,0750			24,0750					
Certificate	NL0012277008	DAX 13440TS OPENB	EUR	30,7850	30,7850	30,7850			30,7850					
Certificate	DE000VL61N19	DAX 13440TS OPENV	EUR	26,7950	26,7950	26,7950			26,7950					
Certificate	DE000CE6F4Q9	DAX 13442TS OPENZ	EUR	26,9100	26,9100	26,9100			26,9100					
Certificate	NL0012904817	DAX 13444TRSOPENH	EUR	26,8700	26,8700	26,8700			26,8700					
Certificate	DE000VA3ZWN0	DAX 13450TS 1218V	EUR	27,1050	27,1050	27,1050			27,1050					
Certificate	DE000VL61NJ4	DAX 13476TS OPENV	EUR	24,5650	24,5650	24,5650			24,5650					
Certificate	DE000VL61N35	DAX 13490TS OPENV	EUR	27,2950	27,2950	27,2950			27,2950					
Certificate	DE000CE6FAD1	DAX 13497TS OPENZ	EUR	27,4500	27,4500	27,4500			27,4500					
Certificate	DE000CP6N99	DAX 13500TS 0319C	EUR	27,7000	27,7000	27,7000			27,7000					
Certificate	DE000VA7PQP9	DAX 13500TS 0319V	EUR	27,7250	27,7250	27,7250			27,7250					
Certificate	DE000CJ3P6A8	DAX 13500TS 0319Z	EUR	27,6800	27,6800	27,6800			27,6800					
Certificate	DE000VA3ZWP5	DAX 13500TS 1218V	EUR	27,6050	27,6050	27,6050			27,6050					
Certificate	DE000CV52XR8	DAX 13500TS OPENC	EUR	24,9500	24,9500	24,9500			24,9500					
Certificate	DE000CV52SE6	DAX 13500TS OPENC	EUR	23,6400	23,6400	23,6400			23,6400					
Certificate	NL0012536155	DAX 13500TS OPENH	EUR	29,3900	29,3900	29,3900			29,3900					
Certificate	LU1784828235	DAX 13504TS OPENS	EUR	25,4000	25,4000	25,4000			25,4000					
Certificate	NL0012329783	DAX 13505TRSOPENH	EUR	27,4800	27,4800	27,4800			27,4800					
Certificate	NL0012862213	DAX 13520TS OPENH	EUR	29,6700	29,6700	29,6700			29,6700					
Certificate	DE000VL61NM8	DAX 13526TS OPENV	EUR	25,0550	25,0550	25,0550			25,0550					
Certificate	DE000VL61N50	DAX 13540TS OPENV	EUR	27,7950	27,7950	27,7950			27,7950					
Certificate	DE000VA3ZWQ3	DAX 13550TS 1218V	EUR	28,1050	28,1050	28,1050			28,1050					
Certificate	DE000VL61NP1	DAX 13576TS OPENV	EUR	25,5450	25,5450	25,5450			25,5450					
Certificate	DE000CD64946	DAX 13582TS OPENZ	EUR	28,3000	28,3000	28,3000			28,3000					
Certificate	DE000VA7PQT1	DAX 13600TS 0319V	EUR	28,7250	28,7250	28,7250			28,7250					
Certificate	DE000VA3ZWR1	DAX 13600TS 1218V	EUR	28,6050	28,6050	28,6050			28,6050					
Certificate	DE000CV8AAT3	DAX 13600TS 1218Z	EUR	28,5800	28,5800	28,5800			28,5800					
Certificate	NL0012536080	DAX 13610TS OPENH	EUR	30,5700	30,5700	30,5700			30,5700					
Certificate	NL0012537955	DAX 13613TRSOPENH	EUR	28,5600	28,5600	28,5600			28,5600					
Certificate	LU1784828151	DAX 13634TS OPENS	EUR	26,6800	26,6800	26,6800			26,6800					
Certificate	DE000CE6FAE9	DAX 13635TS OPENZ	EUR	28,8300	28,8300	28,8300			28,8300					
Certificate	NL0013001621	DAX 13640TS OPENB	EUR	30,6850	30,6850	30,6850			30,6850					
Certificate	DE000CE6C6W5	DAX 13640TS OPENZ	EUR	30,7550	30,7550	30,7550			30,7550					
Certificate	DE000VA3ZW59	DAX 13650TS 1218V	EUR	29,1050	29,1050	29,1050			29,1050					
Certificate	DE000VL37QA6	DAX 13660TS OPENV	EUR	28,2650	28,2650	28,2650			28,2650					
Certificate	DE000CE6FCR7	DAX 13679TS OPENZ	EUR	29,2700	29,2700	29,2700			29,2700					
Certificate	DE000VA7PQX3	DAX 13700TS 0319V	EUR	29,7250	29,7250	29,7250			29,7250					
Certificate	DE000VA3Z013	DAX 13700TS 1218V	EUR	29,6050	29,6050	29,6050			29,6050					
Certificate	DE000CV52442	DAX 13700TS OPENC	EUR	25,7700	25,7700	25,7700			25,7700					
Certificate	DE000CV524G5	DAX 13700TS OPENC	EUR	24,5000	24,5000	24,5000			24,5000					
Certificate	NL0012329577	DAX 13710TS OPENH	EUR	31,5600	31,5600	31,5600			31,5600					
Certificate	DE000VL37QB4	DAX 13710TS OPENV	EUR	28,7650	28,7650	28,7650			28,7650					
Certificate	NL0012864136	DAX 13719TRSOPENH	EUR	29,6200	29,6200	29,6200			29,6200					
Certificate	DE000CE6FC55	DAX 13728TS OPENZ	EUR	29,7600	29,7600	29,7600			29,7600					
Certificate	DE000VL2FUU0	DAX 13734TS OPENV	EUR	26,0150	26,0150	26,0150			26,0150					
Certificate	NL0012520118	DAX 13741TRSOPENH	EUR											
Certificate	DE000VA3Z2K3	DAX 13750TS 1218V	EUR	30,1050	30,1050	30,1050			30,1050					
Certificate	NL0012537419	DAX 13760TS OPENH	EUR	32,0900	32,0900	32,0900			32,0900					
Certificate	DE000VL37QC2	DAX 13760TS OPENV	EUR	29,2550	29,2550	29,2550			29,2550					
Certificate	DE000CE6FCT3	DAX 13778TS OPENZ	EUR	30,2600	30,2600	30,2600			30,2600					
Certificate	DE000VL2FUV8	DAX 13784TS OPENV	EUR	26,4950	26,4950	26,4950			26,4950					
Certificate	DE000VL37P42	DAX 13798TS OPENV	EUR	26,9950	26,9950	26,9950			26,9950					
Certificate	DE000VA3Z2L1	DAX 13800TS 1218V	EUR	30,6050	30,6050	30,6050			30,6050					
Certificate	DE000CV8AAU1	DAX 13800TS 1218Z	EUR	30,5800	30,5800	30,5800			30,5800					
Certificate	DE000CV51G59	DAX 13800TS OPENC	EUR	24,9800	24,9800	24,9800			24,9800					
Certificate	NL0012208151	DAX 13802TRSOPENH	EUR	30,4500	30,4500	30,4500			30,4500					
Certificate	DE000VL37QD0	DAX 13810TS OPENV	EUR	29,7550	29,7550	29,7550			29,7550					
Certificate	DE000CE6FCU1	DAX 13828TS OPENZ	EUR	30,7500	30,7500	30,7500			30,7500					
Certificate	DE000VL37P59	DAX 13848TS OPENV	EUR	27,4850	27,4850	27,4850			27,4850					
Certificate	DE000VA3Z2M9	DAX 13850TS 1218V	EUR	31,1050	31,1050	31,1050			31,1050					



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	LU1784828078	DAX 13851TS OPENS	EUR	28,8200	28,8200	28,8200			28,8200					
Certificate	DE000VL37L04	DAX 13860TS OPENV	EUR	30,1850	30,1850	30,1850			30,1850					
Certificate	DE000CE6FEY9	DAX 13882TS OPENZ	EUR	31,3000	31,3000	31,3000			31,3000					
Certificate	DE000CE6CJD9	DAX 13890TS OPENZ	EUR	33,2450	33,2450	33,2450			33,2450					
Certificate	DE000CJ3P6B6	DAX 13900TS 0319Z	EUR	31,6800	31,6800	31,6800			31,6800					
Certificate	DE000VA324H5	DAX 13900TS 1218V	EUR	31,6050	31,6050	31,6050			31,6050					
Certificate	DE000CY51WT8	DAX 13900TS OPENC	EUR	27,6400	27,6400	27,6400			27,6400					
Certificate	NL0012051650	DAX 13900TS OPENH	EUR	33,4900	33,4900	33,4900			33,4900					
Certificate	DE000VL2FXN9	DAX 13908TS OPENV	EUR	27,9750	27,9750	27,9750			27,9750					
Certificate	DE000VL37L12	DAX 13910TS OPENV	EUR	30,6850	30,6850	30,6850			30,6850					
Certificate	DE000VA324I1	DAX 13950TS 1218V	EUR	32,1050	32,1050	32,1050			32,1050					
Certificate	DE000VL2FXQ2	DAX 13958TS OPENV	EUR	27,9000	28,4550	27,3300	717,9900	2	28,4550	26				
Certificate	DE000VL37L20	DAX 13960TS OPENV	EUR	31,1850	31,1850	31,1850			31,1850					
Certificate	DE000CE6FCV9	DAX 13977TS OPENZ	EUR	32,2400	32,2400	32,2400			32,2400					
Certificate	NL0012860464	DAX 13994TRSOPENH	EUR	32,3700	32,3700	32,3700			32,3700					
Certificate	DE000CP06NA9	DAX 14000TS 0319C	EUR	32,7000	32,7000	32,7000			32,7000					
Certificate	DE000VA4RNA1	DAX 14000TS 1218V	EUR	32,6050	32,6050	32,6050			32,6050					
Certificate	DE000CV8AF44	DAX 14000TS 1218Z	EUR	32,5800	32,5800	32,5800			32,5800					
Certificate	DE000CY51TV0	DAX 14000TS OPENC	EUR	27,2900	27,2900	27,2900			27,2900					
Certificate	DE000CY51NN0	DAX 14000TS OPENC	EUR	28,3800	28,3800	28,3800			28,3800					
Certificate	DE000CY504C6	DAX 14000TS OPENC	EUR	26,8100	26,8100	26,8100			26,8100					
Certificate	DE000VL2FXS8	DAX 14008TS OPENV	EUR	28,9450	28,9450	28,9450			28,9450					
Certificate	DE000VL37L38	DAX 14010TS OPENV	EUR	31,6850	31,6850	31,6850			31,6850					
Certificate	DE000CV4ZPB5	DAX 14025TS OPENZ	EUR	32,7300	32,7300	32,7300			32,7300					
Certificate	NL0012434377	DAX 14040TS OPENH	EUR	34,9100	34,9100	34,9100			34,9100					
Certificate	DE000VA4RPC2	DAX 14050TS 1218V	EUR	33,1050	33,1050	33,1050			33,1050					
Certificate	DE000VL2FXU4	DAX 14058TS OPENV	EUR	29,4350	29,4350	29,4350			29,4350					
Certificate	DE000VL37L46	DAX 14060TS OPENV	EUR	32,1750	32,1750	32,1750			32,1750					
Certificate	DE000CV4ZPC3	DAX 14075TS OPENZ	EUR	33,2300	33,2300	33,2300			33,2300					
Certificate	DE000VA4RPD0	DAX 14100TS 1218V	EUR	33,6050	33,6050	33,6050			33,6050					
Certificate	DE000CY51WU6	DAX 14100TS OPENC	EUR	29,5800	29,5800	29,5800			29,5800					
Certificate	DE000VL2FXV2	DAX 14108TS OPENV	EUR	29,9150	29,9150	29,9150			29,9150					
Certificate	DE000VL37L53	DAX 14110TS OPENV	EUR	32,6750	32,6750	32,6750			32,6750					
Certificate	DE000CE6CQ96	DAX 14140TS OPENZ	EUR	35,8450	35,8450	35,8450			35,8450					
Certificate	DE000VA4RPE8	DAX 14150TS 1218V	EUR	34,1050	34,1050	34,1050			34,1050					
Certificate	DE000VL2FXX8	DAX 14158TS OPENV	EUR	30,4050	30,4050	30,4050			30,4050					
Certificate	DE000VL37L61	DAX 14160TS OPENV	EUR	33,1750	33,1750	33,1750			33,1750					
Certificate	DE000CE6FCW7	DAX 14175TS OPENZ	EUR	34,2300	34,2300	34,2300			34,2300					
Certificate	DE000VA4YWM3	DAX 14200TS 1218V	EUR	34,6050	34,6050	34,6050			34,6050					
Certificate	DE000CV8AAV9	DAX 14200TS 1218Z	EUR	34,5800	34,5800	34,5800			34,5800					
Certificate	DE000CY16GN7	DAX 14200TS OPENC	EUR	26,3000	26,3000	26,3000			26,3000					
Certificate	DE000CQ5AY44	DAX 14200TS OPENC	EUR	33,0100	33,0100	33,0100			33,0100					
Certificate	DE000VL2FXZ3	DAX 14208TS OPENV	EUR	30,8950	30,8950	30,8950			30,8950					
Certificate	DE000VL37L79	DAX 14210TS OPENV	EUR	33,6650	33,6650	33,6650			33,6650					
Certificate	NL0012213359	DAX 14260TS OPENH	EUR	37,1800	37,1800	37,1800			37,1800					
Certificate	DE000VL37L95	DAX 14260TS OPENV	EUR	34,1650	34,1650	34,1650			34,1650					
Certificate	DE000CV88WG3	DAX 14279TS OPENZ	EUR	35,2700	35,2700	35,2700			35,2700					
Certificate	NL0012904809	DAX 14298TRSOPENH	EUR	35,4100	35,4100	35,4100			35,4100					
Certificate	DE000CJ3P4H8	DAX 14300TS 0319Z	EUR	35,6900	35,6900	35,6900			35,6900					
Certificate	DE000VL37MA5	DAX 14310TS OPENV	EUR	34,6650	34,6650	34,6650			34,6650					
Certificate	NL0011229380	DAX 14350TS OPENH	EUR	38,0600	38,0600	38,0600			38,0600					
Certificate	DE000VL37MC1	DAX 14360TS OPENV	EUR	35,1650	35,1650	35,1650			35,1650					
Certificate	DE000CV87MS1	DAX 14376TS OPENZ	EUR	36,2400	36,2400	36,2400			36,2400					
Certificate	DE000CE6CTJ5	DAX 14390TS OPENZ	EUR	38,3450	38,3450	38,3450			38,3450					
Certificate	DE000CY16GP2	DAX 14400TS OPENC	EUR	28,1800	28,1800	28,1800			28,1800					
Certificate	DE000CY52GM4	DAX 14400TS OPENC	EUR	33,1200	33,1200	33,1200			33,1200					
Certificate	DE000CY51TW8	DAX 14400TS OPENC	EUR	31,1400	31,1400	31,1400			31,1400					
Certificate	DE000CY50MS3	DAX 14400TS OPENC	EUR	31,1000	31,1000	31,1000			31,1000					
Certificate	DE000VL61GZ4	DAX 14410TS OPENV	EUR	36,3750	36,3750	36,3750			36,3750					
Certificate	DE000VL37MD9	DAX 14410TS OPENV	EUR	35,6550	35,6550	35,6550			35,6550					
Certificate	NL0012559215	DAX 14460TS OPENH	EUR	39,2000	39,2000	39,2000			39,2000					
Certificate	DE000CV890F5	DAX 14479TS OPENZ	EUR	37,2700	37,2700	37,2700			37,2700					
Certificate	DE000CP06NB7	DAX 14500TS 0319C	EUR	37,7000	37,7000	37,7000			37,7000					
Certificate	DE000CY508Y1	DAX 14500TS OPENC	EUR	31,7900	31,7900	31,7900			31,7900					
Certificate	NL0012241756	DAX 14510TS OPENH	EUR	39,7200	39,7200	39,7200			39,7200					
Certificate	DE000CE6FCX5	DAX 14573TS OPENZ	EUR	38,2000	38,2000	38,2000			38,2000					
Certificate	DE000CV8AAW7	DAX 14600TS 1218Z	EUR	38,5800	38,5800	38,5800			38,5800					
Certificate	DE000CY51WV4	DAX 14600TS OPENC	EUR	34,4500	34,4500	34,4500			34,4500					
Certificate	DE000CY52FA1	DAX 14600TS OPENC	EUR	33,7000	33,7000	33,7000			33,7000					
Certificate	DE000CY16GQ0	DAX 14600TS OPENC	EUR	30,0700	30,0700	30,0700			30,0700					
Certificate	NL0012606446	DAX 14609TRSOPENH	EUR	38,5200	38,5200	38,5200			38,5200					
Certificate	NL0012679039	DAX 14640TS OPENB	EUR	42,1000	43,1650	42,1000	5473,0000	1	43,1650	130				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6CTK3	DAX 14640TS OPENZ	EUR	40,8250	40,8250	40,8250			40,8250					
Certificate	NL0012198105	DAX 14666TRSOPENH	EUR	39,0900	39,0900	39,0900			39,0900					
Certificate	NL0012903827	DAX 14670TS OPENH	EUR	41,3600	41,3600	41,3600			41,3600					
Certificate	DE000CV88EZ1	DAX 14773TS OPENZ	EUR	40,2100	40,2100	40,2100			40,2100					
Certificate	DE000CY51G67	DAX 14800TS OPENC	EUR	34,5800	34,5800	34,5800			34,5800					
Certificate	DE000CQ5AY51	DAX 14800TS OPENC	EUR	38,9500	38,9500	38,9500			38,9500					
Certificate	DE000CY51WW2	DAX 14800TS OPENC	EUR	36,3900	36,3900	36,3900			36,3900					
Certificate	DE000CY16PI6	DAX 14800TS OPENC	EUR	32,2200	32,2200	32,2200			32,2200					
Certificate	DE000CE6DLS1	DAX 14880TS OPENZ	EUR	43,3150	43,3150	43,3150			43,3150					
Certificate	NL0012198808	DAX 14930TS OPENH	EUR	43,9500	43,9500	43,9500			43,9500					
Certificate	DE000CV4YQP6	DAX 14972TS OPENZ	EUR	42,2000	42,2000	42,2000			42,2000					
Certificate	DE000CP06NC5	DAX 15000TS 0319C	EUR	42,7100	42,7100	42,7100			42,7100					
Certificate	DE000CV8AAx5	DAX 15000TS 1218Z	EUR	42,5800	42,5800	42,5800			42,5800					
Certificate	DE000CY501S8	DAX 15000TS OPENC	EUR	35,0200	35,0200	35,0200			35,0200					
Certificate	NL0011047741	DAX 15090TS OPENH	EUR	45,5400	45,5400	45,5400			45,5400					
Certificate	DE000CE6FOF0	DAX 15130TS OPENZ	EUR	45,8050	45,8050	45,8050			45,8050					
Certificate	DE000CV88QJ9	DAX 15178TS OPENZ	EUR	44,2600	44,2600	44,2600			44,2600					
Certificate	DE000CY50LS5	DAX 15200TS OPENC	EUR	37,4000	37,4000	37,4000			37,4000					
Certificate	DE000CY52FB9	DAX 15200TS OPENC	EUR	39,5000	39,5000	39,5000			39,5000					
Certificate	DE000CY52061	DAX 15200TS OPENC	EUR	40,3200	40,3200	40,3200			40,3200					
Certificate	NL0012530117	DAX 15246TRSOPENH	EUR	44,8900	44,8900	44,8900			44,8900					
Certificate	DE000CV4YQN1	DAX 15371TS OPENZ	EUR	46,1800	46,1800	46,1800			46,1800					
Certificate	DE000CE6FAP5	DAX 15380TS OPENZ	EUR	48,3350	48,3350	48,3350			48,3350					
Certificate	DE000CV8AAy3	DAX 15400TS 1218Z	EUR	46,5800	46,5800	46,5800			46,5800					
Certificate	NL0012548036	DAX 15420TS OPENH	EUR	48,8700	48,8700	48,8700			48,8700					
Certificate	NL0011048210	DAX 15438TRSOPENH	EUR	46,8000	46,8000	46,8000			46,8000					
Certificate	DE000CV890A6	DAX 15572TS OPENZ	EUR	48,2000	48,2000	48,2000			48,2000					
Certificate	DE000CY51Y99	DAX 15600TS OPENC	EUR	42,7500	42,7500	42,7500			42,7500					
Certificate	DE000CE6FEG6	DAX 15620TS OPENZ	EUR	50,8250	50,8250	50,8250			50,8250					
Certificate	NL0012535934	DAX 15670TS OPENH	EUR	51,4300	51,4300	51,4300			51,4300					
Certificate	DE000CV87MT9	DAX 15771TS OPENZ	EUR	50,1900	50,1900	50,1900			50,1900					
Certificate	DE000CV8AE78	DAX 15800TS 1218Z	EUR	50,5800	50,5800	50,5800			50,5800					
Certificate	NL0011229372	DAX 15830TS OPENH	EUR	53,1200	53,1200	53,1200			53,1200					
Certificate	DE000CV42NE4	DAX 15870TS OPENZ	EUR	53,3550	53,3550	53,3550			53,3550					
Certificate	DE000C88AFR9	DAX 16000TS OPENC	EUR	36,0400	36,0400	36,0400			36,0400					
Certificate	DE000CV88LA9	DAX 16174TS OPENZ	EUR	54,2200	54,2200	54,2200			54,2200					
Certificate	DE000CV88TM7	DAX 16577TS OPENZ	EUR	58,2500	58,2500	58,2500			58,2500					
Certificate	NL0011047733	DAX 16580TS OPENH	EUR	60,6400	60,6400	60,6400			60,6400					
Certificate	NL0011229364	DAX 18080TS OPENH	EUR	75,8500	75,8500	75,8500			75,8500					
Certificate	DE000VL51225	DAX10 LEVOPENV	EUR	0,1850	0,1850	0,1850			0,1850					
Certificate	DE000VN53Y97	DAX10 LEVOPENV	EUR	1,9600	1,9600	1,8550	11760,0000	2	1,8550	6000				
Certificate	DE000VN53ZA0	DAX10 SHROPENV	EUR	1,0300	1,1450	1,0100	33689,7000	7	1,1450	31970				
Certificate	FR0013123734	DAX3S SHROPENS	EUR											
Certificate	DE000CE68UK3	DAXIF LEVOPENZ	EUR	8,8850	8,8850	8,8850			8,8850					
Certificate	DE000CE68UM9	DAXIF LEVOPENZ	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CE68UL1	DAXIF LEVOPENZ	EUR	3,8130	3,8130	3,8130			3,8130					
Certificate	DE000CE68UP2	DAXIF SHROPENZ	EUR	3,4670	3,4670	3,4670			3,4670					
Certificate	DE000CE68UN7	DAXIF SHROPENZ	EUR	9,2950	9,2950	9,2950			9,2950					
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	6,0500	6,0500	6,0500			6,0500					
Certificate	DE000CQ5A2K6	DBANK 16TS OPENC	EUR	7,9800	7,9800	7,9800			7,9800					
Certificate	NL0011231162	DBANK 27TS OPENH	EUR	2,5500	2,5500	2,5400			2,5400					
Certificate	NL0013164486	DBANK 6.5TL OPENB	EUR	1,2800	1,4100	1,2800			1,4100					
Certificate	NL0012923395	DBANK 6.5TL OPENH	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	NL0013162159	DBANK 6.8TL OPENB	EUR	1,0000	1,1300	1,0000			1,1300					
Certificate	NL0012923387	DBANK 7.3TL OPENH	EUR											
Certificate	NL0013018674	DBANK 7.7TL OPENB	EUR											
Certificate	NL0012923379	DBANK 7.7TL OPENH	EUR											
Certificate	NL0012975494	DBANK 7.9TL OPENB	EUR											
Certificate	NL0013190689	DBANK 7.9TS OPENH	EUR	0,1500	0,1500	0,1400			0,1400					
Certificate	NL0013188188	DBANK 8.1TL OPENH	EUR											
Certificate	NL0013181704	DBANK 8.7TS OPENH	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	NL0013162522	DBANK 8.8TS OPENB	EUR	2,1900	2,1900	2,0500			2,0500					
Certificate	NL0013132889	DBANK 9.1TS OPENH	EUR	0,2900	0,2900	0,2800			0,2800					
Certificate	NL0013017262	DBANK 9.7TS OPENB	EUR	3,2400	3,2400	3,1000			3,1000					
Certificate	NL0013125610	DBANK 9.8TS OPENH	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	NL0012938096	DBANK 10.7TS OPENH	EUR	0,4600	0,4600	0,4500			0,4500					
Certificate	NL0012990204	DBANK 10.8TS OPENB	EUR	4,3700	4,3700	4,2300			4,2300					
Certificate	NL0012934640	DBANK 11.7TS OPENH	EUR	0,5700	0,5700	0,5600			0,5600					
Certificate	NL0012767777	DBANK 12.1TS OPENB	EUR	5,7500	5,7500	5,6100			5,6100					



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	NL0012934632	DBANK 12.1TS OPENH	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	NL0012683262	DBANK 14.8TS OPENB	EUR	8,6700	8,6700	8,5300			8,5300					
Certificate	NL0011518378	DBANK 22.1TS OPENB	EUR	1,8550	1,8550	1,8450			1,8450					
Certificate	NL0010897427	DBANK 26.9TS OPENB	EUR	2,4400	2,4400	2,4200			2,4200					
Certificate	DE000CJ3PLE7	DBANK10.09TS OPENZ	EUR	0,2800	0,2800	0,2750	112,0000	1	0,2750	400				
Certificate	NL0012988513	DBANK10.81BS OPENB	EUR	3,5900	3,5900	3,4600			3,4600					
Certificate	DE000CV8AXJ6	DBANK11.08TS OPENZ	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	DE000CV883M6	DBANK12.08TS OPENZ	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	NL0012774509	DBANK12.78BS OPENB	EUR	5,5700	5,5700	5,4300			5,4300					
Certificate	NL0012681910	DBANK14.73BS OPENB	EUR	7,5200	7,5200	7,3800			7,3800					
Certificate	DE000CR9RQH2	DBANK24.96TS OPENZ	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	DE000CF80LW3	DBANK27.34TS OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0013155252	DBANK5.243BL OPENB	EUR	2,2000	2,3300	2,2000			2,3300					
Certificate	DE000CV89P57	DBANK5.607TL OPENZ	EUR	0,1850	0,1850	0,1850			0,1850					
Certificate	NL0012975171	DBANK6.245BL OPENB	EUR	1,2000	1,3300	1,2000	516,0000	1	1,3300	400				
Certificate	DE000CD634D4	DBANK6.616TL OPENZ	EUR	0,0830	0,0830	0,0830			0,0830					
Certificate	DE000CJ3PPL3	DBANK7.102TL OPENZ	EUR	0,0350	0,0350	0,0350			0,0350					
Certificate	NL0012792691	DBANK7.257BL OPENB	EUR											
Certificate	DE000CD620K8	DBANK7.698TL OPENZ	EUR											
Certificate	NL0013155443	DBANK8.813BS OPENB	EUR	1,6000	1,6000	1,4600			1,4600					
Certificate	DE000CJ3QE47	DBANK9.093TS OPENZ	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	DE000CV87QP8	DEUTS103.9TL OPENZ	EUR	0,7950	0,7950	0,7250			0,7250					
Certificate	DE000CR6X6T8	DEUTS63.43TL OPENZ	EUR	4,8150	4,8150	4,7550			4,7550					
Certificate	NL0011055116	DEUTS65.25TL OPENH	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	DE000CR6XYF4	DEUTS69.09TL OPENZ	EUR	4,2550	4,2550	4,1850			4,1850					
Certificate	DE000CE6C8P5	DEUTS77.02TL OPENZ	EUR	3,4550	3,4550	3,3950			3,3950					
Certificate	DE000CE6CKZ0	DEUTS84.97TL OPENZ	EUR	2,6650	2,6650	2,6050			2,6050					
Certificate	DE000CV4Z076	DEUTS93.92TL OPENZ	EUR	1,7750	1,7750	1,7150			1,7150					
Certificate	DE000CR9SFM3	DIAGE17.19TL OPENZ	EUR	2,4950	2,4950	2,4700			2,4700					
Certificate	DE000CD61VG0	DIAGE19.21TL OPENZ	EUR	2,0150	2,0150	1,9900			1,9900					
Certificate	DE000CE6E4Q0	DIAGE22.74TL OPENZ	EUR	1,2350	1,2350	1,2100			1,2100					
Certificate	NL0013006265	DIETN 38.6BS OPENB	EUR	0,6000	0,6000	0,5800			0,5800					
Certificate	DE000CV89DJ5	DIETN21.76TL OPENZ	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CN6FS43	DIETN23.96TL OPENZ	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000CN6K6V8	DIETN26.58TL OPENZ	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	NL0013016413	DIETN28.74BL OPENB	EUR	0,5200	0,5400	0,5200	540,0000	1	0,5300	1000				
Certificate	DE000CN6K6W6	DIETN29.22TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0013008675	DIETN30.75BL OPENB	EUR	0,3200	0,3300	0,3200			0,3300					
Certificate	DE000CV88RC2	DIETN32.35TL OPENZ	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	NL0013002116	DIETN32.75BL OPENB	EUR	0,1200	0,1300	0,1200			0,1300					
Certificate	NL0013158413	DIETN34.74BL OPENB	EUR											
Certificate	DE000CD615E1	DIETN41.95TS OPENZ	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	NL0012993000	DIETN42.58BS OPENB	EUR	1,0000	1,0000	0,9800			0,9800					
Certificate	NL0013164320	DJAUT 340TL OPENB	EUR	12,7100	12,7100	12,7100			12,7100					
Certificate	NL0013009210	DJAUT 380TL OPENB	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	NL0012989891	DJAUT 420TL OPENB	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	NL0012974513	DJAUT 459TL OPENB	EUR											
Certificate	NL0013163850	DJAUT 497TS OPENB	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	NL0013007826	DJAUT 537TS OPENB	EUR	11,4200	11,4200	11,4200			11,4200					
Certificate	NL0012975486	DJAUT 577TS OPENB	EUR	15,5900	15,5900	15,5900			15,5900					
Certificate	DE000CN6HK49	DJAUT 370.TL OPENZ	EUR	7,8300	8,2000	7,8300			8,2000					
Certificate	DE000CJ3QUU2	DJAUT300.1TL OPENZ	EUR	14,7800	15,1500	14,7800			15,1500					
Certificate	DE000CN6H4X4	DJAUT410.1TL OPENZ	EUR	3,8900	4,2500	3,8900			4,2500					
Certificate	DE000CV8BD60	DJAUT445.7TL OPENZ	EUR											
Certificate	DE000CJ3QUV0	DJAUT507.8TS OPENZ	EUR	6,2200	6,2200	5,8400			5,8400					
Certificate	DE000CV882Z0	DJAUT577.9TS OPENZ	EUR	13,1900	13,1900	12,8000			12,8000					
Certificate	DE000CE6CH30	DJAUT678.2TS OPENZ	EUR	23,2100	23,2100	22,8300			22,8300					
Certificate	DE0006075427	DJBKS PI OPENN	EUR	14,7100	14,7100	14,7100			14,7100					
Certificate	NL0012249429	DJBKS STN1022V	EUR											
Certificate	NL0012248447	DJBKS STN1022V	EUR											
Certificate	NL0011637012	DJBKS 76TL OPENB	EUR	6,0750	6,0750	6,0750			6,0750					
Certificate	NL0010133799	DJBKS 96TL OPENB	EUR	4,0850	4,0850	4,0850			4,0850					
Certificate	DE000CJ3QYH1	DJBKS 115TL OPENZ	EUR	2,0350	2,0350	1,9000			1,9000					
Certificate	NL0013016827	DJBKS 117TL OPENB	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	NL0013145642	DJBKS 137TL OPENB	EUR											
Certificate	DE000CJ3QYI7	DJBKS 149TS OPENZ	EUR	1,4550	1,5800	1,4550			1,5800					
Certificate	NL0013015316	DJBKS 150TS OPENB	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	NL0011089156	DJBKS 190TS OPENB	EUR	6,2450	6,2450	6,2450			6,2450					
Certificate	NL0006280695	DJBKS 208TS OPENB	EUR	8,1250	8,1250	8,1250			8,1250					
Certificate	DE000CN6J9E1	DJBKS105.9TL OPENZ	EUR	2,9350	2,9350	2,8100			2,8100					
Certificate	DE000CD63CJ0	DJBKS124.9TL OPENZ	EUR	1,0550	1,0550	0,9300			0,9300					
Certificate	DE000CV88748	DJBKS168.9TS OPENZ	EUR	3,4250	3,5600	3,4250			3,5600					



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	DE000CV883C7	DJBKS188.5TS OPENZ	EUR	5,3800	5,5200	5,3800			5,5200					
Certificate	DE000CE6C535	DJBKS208.3TS OPENZ	EUR	7,3600	7,5000	7,3600	1303,7500	1	7,5000	175				
Certificate	DE0006075310	DJCHM PI OPENN	EUR	80,3400	80,3400	80,3400			80,3400					
Certificate	DE000CJ3QYK5	DJCHM 549TL OPENZ	EUR	25,4600	25,5900	25,4600			25,5900					
Certificate	NL0011535422	DJCHM 584TL OPENB	EUR	24,9650	24,9650	24,9650			24,9650					
Certificate	NL0010900726	DJCHM 626TL OPENB	EUR	20,9450	20,9450	20,9450			20,9450					
Certificate	NL0013156359	DJCHM 747TL OPENB	EUR	9,4650	9,4650	9,4650			9,4650					
Certificate	NL0013156367	DJCHM 787TL OPENB	EUR											
Certificate	NL0013165319	DJCHM 836TS OPENB	EUR	7,4350	7,4350	7,4350			7,4350					
Certificate	NL0013156821	DJCHM 876TS OPENB	EUR	11,6350	11,6350	11,6350			11,6350					
Certificate	NL0013009582	DJCHM 916TS OPENB	EUR	15,8550	15,8550	15,8550			15,8550					
Certificate	DE000CJ3QYL3	DJCHM 930TS OPENZ	EUR	13,0600	13,0600	13,0600			13,0600					
Certificate	NL0013007818	DJCHM 956TS OPENB	EUR	20,0450	20,0450	20,0450			20,0450					
Certificate	NL0012508444	DJCHM 996TS OPENB	EUR	24,1550	24,1550	24,1550			24,1550					
Certificate	DE000CE6CEL3	DJCHM 1030TS OPENZ	EUR	23,0300	23,0300	22,9000			22,9000					
Certificate	DE000CE6FAJ8	DJCHM 1200TS OPENZ	EUR	39,9300	39,9300	39,8100			39,8100					
Certificate	DE000CV87MV5	DJCHM648.8TL OPENZ	EUR	15,6100	15,7400	15,6100			15,7400					
Certificate	DE000CE6CDA8	DJCHM748.5TL OPENZ	EUR	5,9100	6,0300	5,9100			6,0300					
Certificate	DE000CJ3N757	DJCHM807.5TL OPENZ	EUR											
Certificate	DE000CE6CFR7	DJEM LEVOPENZ	EUR	10,5000	10,5000	10,5000			10,5000					
Certificate	DE000CE6CF55	DJEM LEVOPENZ	EUR	13,4850	13,4850	13,4850			13,4850					
Certificate	DE000CE6CFT3	DJEM LEVOPENZ	EUR	9,1600	10,1700	8,6150	6437,6900	9	8,6150	662				
Certificate	DE000CE6CFV9	DJEM SHROPENZ	EUR	0,3500	0,3750	0,3420	1384,0000	2	0,3750	4000				
Certificate	DE000CE6CFU1	DJEM SHROPENZ	EUR	2,6280	2,6280	2,6280			2,6280					
Certificate	DE0006075419	DJFIN PI OPENN	EUR	40,3900	40,3900	40,3900			40,3900					
Certificate	DE000CE6DNF4	DJFIN 596.TS OPENZ	EUR	17,9200	17,9600	17,9200			17,9600					
Certificate	DE000CJ3N4F4	DJFIN307.4TL OPENZ	EUR	11,0900	11,0900	11,0600			11,0600					
Certificate	DE000CE6CDB6	DJFIN377.8TL OPENZ	EUR	4,0900	4,0900	4,0500			4,0500					
Certificate	DE000CJ3QUX6	DJFIN466.8TS OPENZ	EUR	5,0100	5,0500	5,0100			5,0500					
Certificate	DE000CJ3N020	DJFIN526.3TS OPENZ	EUR	10,9500	10,9900	10,9500			10,9900					
Certificate	DE0006075336	DJFOD PI OPENN	EUR	65,6700	65,6700	65,6700			65,6700					
Certificate	DE000CN6JS80	DJFOD493.9TL OPENZ	EUR	14,1500	14,2600	14,1500			14,2600					
Certificate	DE000CN6JSW4	DJFOD553.5TL OPENZ	EUR	8,2000	8,3100	8,2000			8,3100					
Certificate	DE000CV88A14	DJFOD603.6TL OPENZ	EUR	3,2400	3,3400	3,2400			3,3400					
Certificate	DE000CD62CG8	DJFOD722.5TS OPENZ	EUR	8,9500	8,9500	8,8400			8,8400					
Certificate	DE000CE6F455	DJFOD841.8TS OPENZ	EUR	20,8800	20,8800	20,7700			20,7700					
Certificate	DE0006075351	DJGDS PI OPENN	EUR	52,4000	52,4000	52,4000			52,4000					
Certificate	NL0010900841	DJGDS 298TL OPENB	EUR	17,6000	17,6000	17,6000			17,6000					
Certificate	NL0013163587	DJGDS 387TL OPENB	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	NL0013009228	DJGDS 427TL OPENB	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0012121545	DJGDS 466TL OPENB	EUR											
Certificate	NL0013011646	DJGDS 517TS OPENB	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	NL0012700397	DJGDS 558TS OPENB	EUR	12,7200	12,7200	12,7200			12,7200					
Certificate	DE000CE6BU26	DJGDS 415.TL OPENZ	EUR	4,3500	4,5550	4,3500			4,5550					
Certificate	DE000CN6JS98	DJGDS315.5TL OPENZ	EUR	14,2600	14,4750	14,2600			14,4750					
Certificate	DE000CN6JT06	DJGDS355.7TL OPENZ	EUR	10,2400	10,4550	10,2400			10,4550					
Certificate	DE000CJ3N4G2	DJGDS449.7TL OPENZ	EUR											
Certificate	DE000CJ3QUY4	DJGDS510.8TS OPENZ	EUR	5,4700	5,4700	5,2500			5,2500					
Certificate	DE000CE6C576	DJGDS580.9TS OPENZ	EUR	12,4600	12,4600	12,2400			12,2400					
Certificate	DE000CE6FAL4	DJGDS675.6TS OPENZ	EUR	21,9400	21,9400	21,7200			21,7200					
Certificate	DE0006075344	DJHLT PI OPENN	EUR	66,2100	66,2100	66,2100			66,2100					
Certificate	NL0010001178	DJHLT 282TL OPENB	EUR	45,7950	45,7950	45,7950			45,7950					
Certificate	NL0010437422	DJHLT 448TL OPENB	EUR	29,9350	29,9350	29,9350			29,9350					
Certificate	NL0010606869	DJHLT 511TL OPENB	EUR	23,9000	23,9000	23,9000			23,9000					
Certificate	NL0010900783	DJHLT 541TL OPENB	EUR	21,0900	21,0900	21,0900			21,0900					
Certificate	NL0011649934	DJHLT 626TL OPENB	EUR	12,9600	12,9600	12,9600			12,9600					
Certificate	NL0012786610	DJHLT 667TL OPENB	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	NL0013147945	DJHLT 707TL OPENB	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0012980346	DJHLT 772TS OPENB	EUR	8,7600	8,9100	8,7400	525,6000	1	8,7400	60				
Certificate	DE000CN6JQG1	DJHLT494.2TL OPENZ	EUR	23,1600	23,2600	23,1600			23,2600					
Certificate	DE000CN6HDC2	DJHLT558.9TL OPENZ	EUR	16,6950	16,7950	16,6950			16,7950					
Certificate	DE000CN6GA75	DJHLT619.4TL OPENZ	EUR	10,6550	10,7550	10,6550			10,7550					
Certificate	DE000CV88AF1	DJHLT669.3TL OPENZ	EUR	5,6900	5,7900	5,6900			5,7900					
Certificate	DE000CN6G8M9	DJHLT823.4TS OPENZ	EUR	10,0300	10,0300	9,9200			9,9200					
Certificate	DE000CE6D1C7	DJHLT964.7TS OPENZ	EUR	24,1600	24,1600	24,0500			24,0500					
Certificate	DE000VN61Y97	DJI LEVOPENV	EUR	3,2100	3,2100	2,6050	6420,0000	2	2,6050	2000				
Certificate	DE000VA234Y9	DJI LEVOPENV	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	DE000VA234X1	DJI LEVOPENV	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	DE000VN61Y71	DJI LEVOPENV	EUR	18,6150	18,6150	18,6150			18,6150					
Certificate	DE000VN61Y89	DJI LEVOPENV	EUR	12,2750	12,2750	12,2750			12,2750					
Certificate	DE000VA545X0	DJI LEVOPENV	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	DE000VN61ZC9	DJI SHROPENV	EUR	0,0010	0,0010	0,0010			0,0010					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA545Y8	DJI SHROENV	EUR	5,0150	5,0150	5,0150			5,0150					
Certificate	DE000VN612A3	DJI SHROENV	EUR	0,5200	0,6050	0,5200	2600,0000	1	0,6050	5000				
Certificate	DE000VN612B1	DJI SHROENV	EUR	0,0550	0,0550	0,0550			0,0550					
Certificate	DE000VA234Z6	DJI SHROENV	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	NL0006467516	DJIND2280TL OPENB	EUR	196,0800	196,0800	196,0800			196,0800					
Certificate	NL0009175637	DJIND6440TL OPENB	EUR	160,2900	160,2900	160,2900			160,2900					
Certificate	NL0009992874	DJIND10240TL OPENB	EUR	127,5200	127,5200	127,5200			127,5200					
Certificate	NL0010125738	DJIND11410TL OPENB	EUR	117,4400	117,4400	117,4400			117,4400					
Certificate	NL0010281473	DJIND12300TL OPENB	EUR	109,7600	109,7600	109,7600			109,7600					
Certificate	DE000CZ7DMV6	DJIND12307TL OPENZ	EUR	108,0650	108,0650	108,0650			108,0650					
Certificate	DE000CT9M2X5	DJIND12456TL OPENC	EUR	10,4500	10,4500	10,4500			10,4500					
Certificate	DE000CN6HSA4	DJIND13487TL OPENZ	EUR	97,7900	97,7900	97,7900			97,7900					
Certificate	NL0011596911	DJIND13601TRL OPENH	EUR	94,9900	94,9900	94,9900			94,9900					
Certificate	NL0010288551	DJIND13780TL OPENB	EUR	97,0800	97,0800	97,0800			97,0800					
Certificate	DE000CX0H732	DJIND13880TL OPENC	EUR	9,2700	9,2700	9,2700			9,2700					
Certificate	DE000CF3APF1	DJIND13881TL OPENC	EUR	9,1200	9,1200	9,1200			9,1200					
Certificate	NL0011412317	DJIND14260TL OPENH	EUR	91,5400	91,5400	91,5400			91,5400					
Certificate	DE000CX01888	DJIND14409TL OPENC	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000CZ7DMZ7	DJIND14587TL OPENZ	EUR	88,2300	88,2300	88,2300			88,2300					
Certificate	DE000CF505E2	DJIND14722TL OPENC	EUR	8,3400	8,3400	8,3400			8,3400					
Certificate	NL0010519088	DJIND14760TL OPENB	EUR	88,5900	88,5900	88,5900			88,5900					
Certificate	NL0011595053	DJIND14910TL OPENH	EUR	85,8900	85,8900	85,8900			85,8900					
Certificate	NL0011038484	DJIND15020TL OPENH	EUR	84,8700	84,8700	84,8700			84,8700					
Certificate	NL0010519401	DJIND15050TL OPENB	EUR	86,1000	86,1000	86,1000			86,1000					
Certificate	DE000CX0KNT0	DJIND15434TL OPENC	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	DE000CZ7DY24	DJIND15477TL OPENZ	EUR	80,4350	80,4350	80,4350			80,4350					
Certificate	DE000CX0KP02	DJIND15490TL OPENC	EUR	7,7900	7,7900	7,7900			7,7900					
Certificate	NL0011602941	DJIND15680TL OPENH	EUR	79,2000	79,2000	79,2000			79,2000					
Certificate	NL0011602917	DJIND15850TL OPENH	EUR	77,7800	77,7800	77,7800			77,7800					
Certificate	DE000CZ7DY32	DJIND15927TL OPENZ	EUR	76,4850	76,4850	76,4850			76,4850					
Certificate	DE000CX00F29	DJIND15955TL OPENC	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	DE000CR9QGX2	DJIND16217TL OPENZ	EUR	72,2000	72,2000	72,2000			72,2000					
Certificate	NL0011700786	DJIND16400TL OPENH	EUR	73,0000	73,0000	73,0000			73,0000					
Certificate	DE000CX00L22	DJIND16507TL OPENC	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	DE000CX00LJ1	DJIND16580TL OPENC	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	DE000CN6HYJ3	DJIND16771TL OPENZ	EUR	67,3100	67,3100	67,3100			67,3100					
Certificate	NL0011660006	DJIND16870TL OPENB	EUR	70,4300	70,4300	70,4300			70,4300					
Certificate	DE000CX00W86	DJIND17006TL OPENC	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	DE000CN6K768	DJIND17017TL OPENZ	EUR	67,0050	67,0050	67,0050			67,0050					
Certificate	NL0012905996	DJIND17048TRL OPENH	EUR	64,5200	64,5200	64,5200			64,5200					
Certificate	NL0011715982	DJIND17050TL OPENH	EUR	67,3500	67,3500	67,3500			67,3500					
Certificate	DE000CX00WG4	DJIND17080TL OPENC	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	DE000CJ3PM55	DJIND17500TL 1218Z	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	DE000CX0KZT4	DJIND17500TL OPENC	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	NL0011893300	DJIND17700TL OPENH	EUR	61,6700	61,6700	61,6700			61,6700					
Certificate	NL0011894084	DJIND17810TL OPENH	EUR	60,7600	60,7600	60,7600			60,7600					
Certificate	DE000CN6KCW6	DJIND17858TL OPENZ	EUR	57,6900	57,6900	57,6900			57,6900					
Certificate	DE000CX59LU4	DJIND18000TL OPENC	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	DE000CD61W37	DJIND18087TL OPENZ	EUR	57,6900	57,6900	57,6900			57,6900					
Certificate	DE000CN6KK28	DJIND18125TL OPENZ	EUR	55,3300	55,3300	55,3300			55,3300					
Certificate	DE000CD61U39	DJIND18390TL OPENZ	EUR	52,9950	52,9950	52,9950			52,9950					
Certificate	NL0011993100	DJIND18440TL OPENH	EUR	55,2700	55,2700	55,2700			55,2700					
Certificate	DE000CX59RP1	DJIND18500TL OPENC	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000CD626J7	DJIND18923TL OPENZ	EUR	48,2900	48,2900	48,2900			48,2900					
Certificate	DE000CJ3P758	DJIND19000TL 0319Z	EUR	4,7450	4,7450	4,7450			4,7450					
Certificate	DE000CX59Z34	DJIND19000TL OPENC	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	DE000CP23PK8	DJIND19000TL OPENC	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000CX59Y68	DJIND19000TL OPENC	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0011997234	DJIND19090TL OPENH	EUR	49,6900	49,6900	49,6900			49,6900					
Certificate	NL0011738653	DJIND19120TS OPENH	EUR											
Certificate	NL0012035828	DJIND19129BL OPENB	EUR	46,4900	46,4900	46,4900			46,4900					
Certificate	NL0011737945	DJIND19134TRSOPEH	EUR											
Certificate	NL0011737515	DJIND19134TRSOPEH	EUR											
Certificate	NL0011740071	DJIND19135TRSOPEH	EUR											
Certificate	DE000CD63N77	DJIND19147TL OPENZ	EUR	48,4250	48,4250	48,4250			48,4250					
Certificate	DE000CD63M94	DJIND19187TL OPENZ	EUR	45,9500	45,9500	45,9500			45,9500					
Certificate	NL0011997739	DJIND19190TL OPENH	EUR	48,7400	48,7400	48,7400			48,7400					
Certificate	NL0012038962	DJIND19330TL OPENB	EUR	49,2600	49,2600	49,2600			49,2600					
Certificate	DE000CV8A8H6	DJIND19500TL 1218Z	EUR	4,3250	4,3250	4,3250			4,3250					
Certificate	DE000CYOASU7	DJIND19500TL OPENC	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000CYOAV53	DJIND19500TL OPENC	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000CY50PC0	DJIND19500TL OPENC	EUR	4,1300	4,1300	4,1300			4,1300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ58LY1	DJIND19500TL OPENC	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	DE000CX018A2	DJIND19555TS OPENC	EUR											
Certificate	NL0012050306	DJIND19570TL OPENH	EUR	45,4500	45,4500	45,4500			45,4500					
Certificate	DE000CD63MB6	DJIND19713TL OPENZ	EUR	41,3100	41,3100	41,3100			41,3100					
Certificate	NL0012050272	DJIND19730TL OPENH	EUR	44,1000	44,1000	44,1000			44,1000					
Certificate	NL0012051262	DJIND19830TL OPENH	EUR	43,1900	43,1900	43,1900			43,1900					
Certificate	NL0012849954	DJIND19918TRLOPENH	EUR	39,1300	39,1300	39,1300			39,1300					
Certificate	NL0012052096	DJIND19990TL OPENH	EUR	41,7800	41,7800	41,7800			41,7800					
Certificate	DE000CY0AZX6	DJIND20000TL OPENC	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	DE000CY16BG2	DJIND20000TL OPENC	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	DE000CQ5AXF7	DJIND20000TL OPENC	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	NL0013185630	DJIND20197TRLOPENH	EUR	36,6800	36,6800	36,6800			36,6800					
Certificate	DE000CD644H4	DJIND20207TL OPENZ	EUR	39,2150	39,2150	39,2150			39,2150					
Certificate	DE000CD63ZV6	DJIND20235TL OPENZ	EUR	38,2800	38,2800	36,7150	76,5600	1	36,7150	2				
Certificate	NL0013082233	DJIND20406TRLOPENH	EUR	34,8000	34,8000	34,8000			34,8000					
Certificate	DE000CD64177	DJIND20488TL OPENZ	EUR	34,4600	34,4600	34,4600			34,4600					
Certificate	DE000CY16TV3	DJIND20500TL OPENC	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000CY501M1	DJIND20500TL OPENC	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000CE6BKJ6	DJIND20594TL OPENZ	EUR	3,3550	3,3550	3,3550			3,3550					
Certificate	NL0012180657	DJIND20727TRLOPENH	EUR	31,9600	31,9600	31,9600			31,9600					
Certificate	DE000CD643P9	DJIND20747TL OPENZ	EUR	32,1900	32,1900	32,1900			32,1900					
Certificate	NL0013082225	DJIND20961TRLOPENH	EUR	29,8900	29,8900	29,8900			29,8900					
Certificate	DE000CJ3P954	DJIND21000TL 0319Z	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	DE000CY50GJ4	DJIND21000TL OPENC	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	DE000CY50HA1	DJIND21000TL OPENC	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	DE000CE6BHN4	DJIND21003TL OPENZ	EUR	29,9250	29,9250	29,9250			29,9250					
Certificate	NL0012564249	DJIND21020TL OPENH	EUR	32,9200	32,9200	32,9200			32,9200					
Certificate	NL0013080765	DJIND21121TRLOPENH	EUR	28,4500	28,4500	28,4500			28,4500					
Certificate	NL0012272397	DJIND21230TL OPENB	EUR	32,8700	32,8700	32,8700			32,8700					
Certificate	DE000CE6CQ88	DJIND21247TL OPENZ	EUR	30,1250	30,1250	30,1250			30,1250					
Certificate	NL0013082217	DJIND21314TRLOPENH	EUR	26,7800	26,7800	26,7800			26,7800					
Certificate	DE000CE6BQ63	DJIND21477TL OPENZ	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	NL0012308720	DJIND21481TRLOPENH	EUR	25,2900	25,2900	25,2900			25,2900					
Certificate	DE000VA3ZU86	DJIND21500TL 1218V	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	DE000CJ3NUU9	DJIND21500TL 1218Z	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	DE000CY50SS0	DJIND21500TL OPENC	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000CY50T89	DJIND21500TL OPENC	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000VL8XEL3	DJIND21563TL OPENV	EUR	22,1800	22,1800	22,1800			22,1800					
Certificate	NL0012314264	DJIND21692TRLOPENH	EUR	23,4600	23,4600	23,4600			23,4600					
Certificate	DE000CE6DGS1	DJIND21725TL OPENZ	EUR	2,3550	2,3550	2,3550			2,3550					
Certificate	DE000VA3ZVA9	DJIND21750TL 1218V	EUR	2,3050	2,3050	2,3050			2,3050					
Certificate	DE000VL8XEM1	DJIND21813TL OPENV	EUR	19,9000	19,9000	19,9000			19,9000					
Certificate	NL0012555239	DJIND21880TL OPENH	EUR	25,4000	25,4000	25,4000			25,4000					
Certificate	NL0012368252	DJIND21908TRLOPENH	EUR	21,5500	21,5500	21,5500			21,5500					
Certificate	NL0012520084	DJIND21926TRLOPENH	EUR											
Certificate	NL0012520076	DJIND21936TRLOPENH	EUR											
Certificate	NL0012520068	DJIND21946TRLOPENH	EUR											
Certificate	NL0012520050	DJIND21956TRLOPENH	EUR											
Certificate	NL0012494363	DJIND21960TL OPENB	EUR	26,5800	26,5800	26,5800			26,5800					
Certificate	DE000CE6DLG6	DJIND21987TL OPENZ	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	NL0012281661	DJIND21989BL OPENB	EUR	21,8500	21,8500	21,3800	2185,0000	1	21,3800	100				
Certificate	LU1876974418	DJIND22000TCIOPENS	EUR	20,7400	20,7400	20,7400			20,7400					
Certificate	DE000CJ3QHY1	DJIND22000TL 0319Z	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	DE000VA3ZVC5	DJIND22000TL 1218V	EUR	2,1800	2,1850	2,0850	599,5000	1	2,0850	275				
Certificate	DE000CY51NC3	DJIND22000TL OPENC	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000CY51LD5	DJIND22000TL OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0013185622	DJIND22000TRLOPENH	EUR	20,6900	20,6900	20,6900			20,6900					
Certificate	DE000VL8XEN9	DJIND22063TL OPENV	EUR	17,6200	17,6200	17,6200			17,6200					
Certificate	NL0013082209	DJIND22070TRLOPENH	EUR	20,1000	20,1000	20,1000			20,1000					
Certificate	NL0013127756	DJIND22129TRLOPENH	EUR	19,5800	19,5800	19,5800			19,5800					
Certificate	NL0012495444	DJIND22170TL OPENB	EUR	24,7800	24,7800	24,7800			24,7800					
Certificate	NL0013127749	DJIND22180TRLOPENH	EUR	19,1300	19,1300	19,1300			19,1300					
Certificate	DE000CE6EOH7	DJIND22240TL OPENZ	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	LU1876974509	DJIND22250TCIOPENS	EUR	18,5500	18,5500	18,5500			18,5500					
Certificate	DE000VA8F1L2	DJIND22250TL 0319V	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	DE000VA3ZVE1	DJIND22250TL 1218V	EUR	2,0500	2,0500	1,8650	395,0000	2	1,8650	200				
Certificate	NL0012905988	DJIND22250TRLOPENH	EUR	18,5300	18,5300	18,5300			18,5300					
Certificate	DE000CE6EG97	DJIND22297TL OPENZ	EUR	20,9800	20,9800	20,9800			20,9800					
Certificate	DE000VL8XEP4	DJIND22313TL OPENV	EUR	15,3400	15,3400	15,3400			15,3400					
Certificate	NL0013125065	DJIND22349TRLOPENH	EUR	17,6400	17,6400	17,6400			17,6400					
Certificate	NL0013082795	DJIND22419TRLOPENH	EUR	17,0000	17,0000	17,0000			17,0000					
Certificate	DE000CE6ES92	DJIND22493TL OPENZ	EUR	1,6750	1,6750	1,6750			1,6750					



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
Certificate	LU1876974681	DJIND22500TCIOPENS	EUR	16,3600	16,3600	16,3600			16,3600					
Certificate	DE000VA71U94	DJIND22500TL 0319V	EUR	1,6650	1,6650	1,6650			1,6650					
Certificate	DE000VA3ZVF8	DJIND22500TL 1218V	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	DE000CJ3PMT3	DJIND22500TL 1218Z	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000CY51WL5	DJIND22500TL OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CY51W26	DJIND22500TL OPENC	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	NL0012555205	DJIND22500TL OPENH	EUR	19,9900	19,9900	19,9900			19,9900					
Certificate	NL0013125057	DJIND22500TRLOPENH	EUR	16,3200	16,3200	16,3200			16,3200					
Certificate	NL0012499834	DJIND22560TL OPENB	EUR	21,4000	21,4000	21,4000			21,4000					
Certificate	DE000VL8XEQ2	DJIND22563TL OPENV	EUR	13,1100	13,1100	13,1100			13,1100					
Certificate	NL0012519573	DJIND22575TRLOPENH	EUR	15,6900	15,6900	15,6900			15,6900					
Certificate	NL0012519862	DJIND22594TRLOPENH	EUR	15,4900	15,4900	15,4900			15,4900					
Certificate	NL0013125040	DJIND22651TRLOPENH	EUR	15,0000	15,0000	15,0000			15,0000					
Certificate	NL0013125032	DJIND22701TRLOPENH	EUR	14,5500	14,5500	14,5500			14,5500					
Certificate	DE000CE6ETX2	DJIND22740TL OPENZ	EUR	1,5400	1,5400	1,4650	30700,0000	3	1,4650	20000				
Certificate	LU1876974764	DJIND22750TCIOPENS	EUR	14,1700	14,1700	14,1700			14,1700					
Certificate	DE000VA71MY7	DJIND22750TL 0319V	EUR	1,4450	1,4450	1,4450			1,4450					
Certificate	DE000VA3ZVH4	DJIND22750TL 1218V	EUR	1,4250	1,4250	1,4250			1,4250					
Certificate	NL0013125024	DJIND22752TRLOPENH	EUR	14,1200	14,1200	14,1200			14,1200					
Certificate	NL0012905970	DJIND22806TRLOPENH	EUR	13,6400	13,6400	13,6400			13,6400					
Certificate	NL0012501423	DJIND22822BL OPENB	EUR	14,5000	14,5300	14,0100	1450,0000	1	14,0100	100				
Certificate	DE000VL61TS2	DJIND22831TL OPENV	EUR	10,9700	10,9700	10,9700			10,9700					
Certificate	NL0013130743	DJIND22865TRLOPENH	EUR	13,1100	13,1100	13,1100			13,1100					
Certificate	NL0012555189	DJIND22920TL OPENH	EUR	16,4600	16,4600	16,4600			16,4600					
Certificate	NL0013083355	DJIND22920TRLOPENH	EUR	12,6400	12,6400	12,6400			12,6400					
Certificate	NL0013082787	DJIND22974TRLOPENH	EUR	13,0300	13,0500	12,1700	3911,5000	2	12,1700	300				
Certificate	NL0012502405	DJIND22990TL OPENB	EUR	17,7300	17,7300	17,7300			17,7300					
Certificate	DE000CE6F066	DJIND22996TL OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	LU1876974848	DJIND23000TCIOPENS	EUR	11,9800	11,9800	11,9800			11,9800					
Certificate	DE000VA71M37	DJIND23000TL 0319V	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000CJ3P7T6	DJIND23000TL 0319Z	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000VA3ZVL6	DJIND23000TL 1218V	EUR	1,2200	1,2200	1,2050	427,0000	1	1,2050	350				
Certificate	DE000CY52038	DJIND23000TL OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CY51Y65	DJIND23000TL OPENC	EUR	0,7900	1,0500	0,7000	1245,7500	3	0,7000	1225				
Certificate	NL0012860860	DJIND23010TL OPENH	EUR	15,6500	15,6500	15,6500			15,6500					
Certificate	LU1840977703	DJIND23030TCIOPENS	EUR	12,0000	12,3200	10,4500	8128,2500	10	10,6000	705				
Certificate	NL0013087562	DJIND23057TRLOPENH	EUR	11,4700	11,4700	11,4700			11,4700					
Certificate	DE000VL8XH95	DJIND23065TL OPENV	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	NL0012535405	DJIND23109TRLOPENH	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	NL0013185614	DJIND23122TRLOPENH	EUR	10,8800	10,8800	10,8800			10,8800					
Certificate	NL0013185606	DJIND23143TRLOPENH	EUR	10,7400	10,7400	10,7400			10,7400					
Certificate	NL0013083348	DJIND23172TRLOPENH	EUR	10,4500	10,4500	10,4500			10,4500					
Certificate	NL0013185598	DJIND23223TRLOPENH	EUR	10,0400	10,0400	10,0400			10,0400					
Certificate	NL0012777627	DJIND23242BL OPENB	EUR	11,0900	14,3900	10,3000	229072,1500	193	10,3000	17664				
Certificate	NL0013185580	DJIND23243TRLOPENH	EUR	13,0000	13,0000	9,8400	390,0000	1	9,8400	30				
Certificate	DE000CE6F1K8	DJIND23244TL OPENZ	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000VA71M86	DJIND23250TL 0319V	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000VA3ZVM4	DJIND23250TL 1218V	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	NL0012535306	DJIND23257TRLOPENH	EUR	9,7100	9,7100	9,7100			9,7100					
Certificate	NL0012535272	DJIND23288TRLOPENH	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	NL0012269658	DJIND23300BOCI218B	EUR	204,3000	205,3000	204,3000			205,3000					
Certificate	NL0013127731	DJIND23316TRLOPENH	EUR	9,2000	9,2000	9,2000			9,2000					
Certificate	DE000CE6F4Y3	DJIND23337TL OPENZ	EUR	11,9150	11,9150	11,9150			11,9150					
Certificate	NL0013184203	DJIND23343TRLOPENH	EUR	8,9300	8,9300	8,9300			8,9300					
Certificate	NL0012543581	DJIND23347TRLOPENH	EUR											
Certificate	DE000VL97RH3	DJIND23353TL OPENV	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	NL0012543573	DJIND23358TRLOPENH	EUR											
Certificate	NL0012543565	DJIND23368TRLOPENH	EUR											
Certificate	NL0013083330	DJIND23373TRLOPENH	EUR	11,9100	11,9100	8,7400	1191,0000	1	8,7400	100				
Certificate	NL0012543557	DJIND23378TRLOPENH	EUR											
Certificate	NL0012543540	DJIND23388TRLOPENH	EUR											
Certificate	NL0012543532	DJIND23398TRLOPENH	EUR											
Certificate	NL0012573315	DJIND23400TL OPENH	EUR											
Certificate	NL0013184195	DJIND23403TRLOPENH	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	NL0012543524	DJIND23408TRLOPENH	EUR											
Certificate	NL0012543516	DJIND23418TRLOPENH	EUR											
Certificate	NL0012543508	DJIND23429TRLOPENH	EUR											
Certificate	NL0012610711	DJIND23439TRLOPENH	EUR	8,1800	8,1800	8,1800			8,1800					
Certificate	NL0012607428	DJIND23440TL OPENH	EUR	11,8500	11,8500	11,8500			11,8500					
Certificate	NL0012573091	DJIND23444TRLOPENH	EUR											
Certificate	NL0012511711	DJIND23453BL OPENB	EUR	10,3900	11,3400	8,4300	2173,0000	2	8,4300	200				
Certificate	NL0012573083	DJIND23454TRLOPENH	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	NL0012573075	DJIND23464TRLOPENH	EUR											
Certificate	NL0012573067	DJIND23474TRLOPENH	EUR											
Certificate	NL0013125016	DJIND23477TRLOPENH	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	NL0012573059	DJIND23485TRLOPENH	EUR											
Certificate	NL0012573042	DJIND23495TRLOPENH	EUR											
Certificate	NL0013125008	DJIND23497TRLOPENH	EUR	7,6500	7,6500	7,6500			7,6500					
Certificate	LU1859828235	DJIND23500TCIOPENH	EUR	7,7200	10,8100	7,7200	1801,8500	2	10,8100		233			
Certificate	DE000VA77B83	DJIND23500TL 0319V	EUR	0,7950	0,7950	0,7950								
Certificate	DE000VA32VP7	DJIND23500TL 1218V	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000CV8AC21	DJIND23500TL 1218Z	EUR											
Certificate	DE000CQ5AXG5	DJIND23500TL OPENC	EUR											
Certificate	DE000CQ5AXT8	DJIND23500TL OPENC	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	NL0012573307	DJIND23500TL OPENH	EUR											
Certificate	DE000CE6F4T3	DJIND23501TL OPENZ	EUR											
Certificate	NL0012573034	DJIND23505TRLOPENH	EUR											
Certificate	NL0012520043	DJIND23506TRSOPEH	EUR											
Certificate	NL0012573026	DJIND23515TRLOPENH	EUR											
Certificate	NL0012520035	DJIND23516TRSOPEH	EUR											
Certificate	NL0013085798	DJIND23517TRLOPENH	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	NL0012573018	DJIND23525TRLOPENH	EUR											
Certificate	NL0012520027	DJIND23526TRSOPEH	EUR											
Certificate	NL0012599575	DJIND23533TRLOPENH	EUR											
Certificate	NL0012599567	DJIND23543TRLOPENH	EUR											
Certificate	NL0013184187	DJIND23543TRLOPENH	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	NL0013191810	DJIND23545TRLOPENH	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	NL0012599559	DJIND23553TRLOPENH	EUR											
Certificate	NL0012599542	DJIND23563TRLOPENH	EUR											
Certificate	NL0013184179	DJIND23564TRLOPENH	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	NL0012611180	DJIND23570TRLOPENH	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	NL0012599534	DJIND23573TRLOPENH	EUR											
Certificate	NL0012599526	DJIND23583TRLOPENH	EUR											
Certificate	NL0012599518	DJIND23593TRLOPENH	EUR											
Certificate	NL0013124993	DJIND23597TRLOPENH	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	NL0012599740	DJIND23600TL OPENH	EUR											
Certificate	NL0012599500	DJIND23603TRLOPENH	EUR											
Certificate	NL0012599492	DJIND23613TRLOPENH	EUR											
Certificate	NL0012512859	DJIND23620TL OPENB	EUR	12,2600	12,2600	12,2600			12,2600					
Certificate	NL0012599484	DJIND23623TRLOPENH	EUR											
Certificate	NL0013083322	DJIND23625TRLOPENH	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0012599476	DJIND23633TRLOPENH	EUR											
Certificate	NL0012599468	DJIND23643TRLOPENH	EUR											
Certificate	NL0013185572	DJIND23644TRLOPENH	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	NL0012599450	DJIND23653TRLOPENH	EUR											
Certificate	NL0013185101	DJIND23655TRLOPENH	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	NL0013124985	DJIND23658TRLOPENH	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	NL0012599443	DJIND23663TRLOPENH	EUR											
Certificate	DE000VA1ZCP1	DJIND23664TL OPENV	EUR	4,8600	8,3000	4,2900	6954,8000	12	4,2900	1040				
Certificate	NL0012599435	DJIND23673TRLOPENH	EUR											
Certificate	NL0013124977	DJIND23678TRLOPENH	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	NL0012599427	DJIND23683TRLOPENH	EUR											
Certificate	NL0012599419	DJIND23693TRLOPENH	EUR											
Certificate	NL0013184500	DJIND23700TL OPENH	EUR	9,6200	9,6200	9,6200			9,6200					
Certificate	NL0012599732	DJIND23700TL OPENH	EUR											
Certificate	NL0012599401	DJIND23703TRLOPENH	EUR											
Certificate	NL0013157951	DJIND23706BL OPENB	EUR	6,6000	10,1100	6,1900	15593,0800	11	6,1900	1848				
Certificate	NL0012599393	DJIND23713TRLOPENH	EUR											
Certificate	NL0012608723	DJIND23713TRLOPENH	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	NL0013124969	DJIND23738TRLOPENH	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	DE000CE6FPS7	DJIND23746TL OPENZ	EUR	0,6600	0,8100	0,5850	729,2400	4	0,5850	999				
Certificate	LU1876840130	DJIND23750TCIOPENH	EUR											
Certificate	DE000VA7PWN2	DJIND23750TL 0319V	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000VA321P4	DJIND23750TL 1218V	EUR											
Certificate	DE000VA4YPM7	DJIND23750TL 1218V	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	NL0012779656	DJIND23770TL OPENB	EUR											
Certificate	NL0013083314	DJIND23776TRLOPENH	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	NL0013124951	DJIND23799TRLOPENH	EUR	8,9000	8,9000	5,0300	8010,0000	1	5,0300	900				
Certificate	NL0012605489	DJIND23817TRLOPENH	EUR											
Certificate	NL0013127723	DJIND23819TRLOPENH	EUR	5,3400	5,3400	4,9100	534,0000	1	4,9100	100				
Certificate	NL0013016801	DJIND23830TL OPENB	EUR	7,1100	10,1000	6,4200	62727,0000	7	6,4200	7070				
Certificate	NL0012604037	DJIND23837TRLOPENH	EUR											
Certificate	NL0012602072	DJIND23843TRLOPENH	EUR	5,3900	5,4000	4,6300	540,0000	1	4,6300	100				
Certificate	NL0013124944	DJIND23879TRLOPENH	EUR	7,6000	7,7400	4,3900	143,1000	2	4,3900	20				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA15MK3	DJIND23888TL OPENV	EUR											
Certificate	NL0012788244	DJIND23897BL OPENB	EUR											
Certificate	NL0013124936	DJIND23899TRLOPENH	EUR											
Certificate	NL0012611289	DJIND23900TL OPENH	EUR											
Certificate	NL0013082191	DJIND23905TRLOPENH	EUR											
Certificate	NL0012846794	DJIND23910TL OPENH	EUR											
Certificate	NL0013082183	DJIND23925TRLOPENH	EUR											
Certificate	NL0012847461	DJIND23958TRLOPENH	EUR											
Certificate	NL0013186224	DJIND23964TRLOPENH	EUR											
Certificate	NL0012780241	DJIND23970TL OPENB	EUR											
Certificate	NL0013082175	DJIND23975TRLOPENH	EUR											
Certificate	NL0013125826	DJIND23990TRLOPENH	EUR											
Certificate	DE000CV88822	DJIND23995TL OPENZ	EUR											
Certificate	DE000VA7PQB9	DJIND24000TL 0319V	EUR											
Certificate	DE000CJ3QW03	DJIND24000TL 0319Z	EUR											
Certificate	DE000VA32329	DJIND24000TL 1218V	EUR											
Certificate	DE000CQ581Q4	DJIND24000TL OPENC	EUR											
Certificate	NL0013124928	DJIND24000TRLOPENH	EUR											
Certificate	NL0013082167	DJIND24006TRLOPENH	EUR											
Certificate	NL0013082159	DJIND24026TRLOPENH	EUR											
Certificate	LU1840977885	DJIND24030TCIOPENS	EUR											
Certificate	NL0013016819	DJIND24030TL OPENB	EUR											
Certificate	NL0013082142	DJIND24046TRLOPENH	EUR											
Certificate	NL0013129190	DJIND24073TRLOPENH	EUR											
Certificate	NL0013082498	DJIND24080TL OPENH	EUR											
Certificate	NL0012847347	DJIND24081TRLOPENH	EUR											
Certificate	NL0012789309	DJIND24093BL OPENB	EUR											
Certificate	NL0013087554	DJIND24104TRLOPENH	EUR											
Certificate	NL0013082134	DJIND24106TRLOPENH	EUR											
Certificate	NL0013082126	DJIND24137TRLOPENH	EUR											
Certificate	NL0013082118	DJIND24157TRLOPENH	EUR											
Certificate	NL0013128739	DJIND24177TRLOPENH	EUR											
Certificate	NL0013145600	DJIND24210TL OPENB	EUR											
Certificate	NL0013128721	DJIND24218TRLOPENH	EUR											
Certificate	DE000CJ3PTZ5	DJIND24236TL OPENZ	EUR											
Certificate	NL0013128713	DJIND24238TRLOPENH	EUR											
Certificate	NL0012778922	DJIND24240TS OPENB	EUR											
Certificate	NL0013128705	DJIND24244TRLOPENH	EUR											
Certificate	DE000VA87HQ9	DJIND24250TL 0319V	EUR											
Certificate	DE000VNHHC95	DJIND24250TL 0319V	EUR											
Certificate	DE000VA87G60	DJIND24250TL 1218V	EUR											
Certificate	NL0013128697	DJIND24264TRLOPENH	EUR											
Certificate	NL0013190986	DJIND24288TRLOPENH	EUR											
Certificate	NL0013158785	DJIND24293BL OPENB	EUR											
Certificate	NL0013186349	DJIND24300TL OPENH	EUR											
Certificate	NL0013190978	DJIND24308TRLOPENH	EUR											
Certificate	NL0013186794	DJIND24308TRLOPENH	EUR											
Certificate	NL0013186786	DJIND24328TRLOPENH	EUR											
Certificate	NL0013190960	DJIND24328TRLOPENH	EUR											
Certificate	DE000CJ3PT90	DJIND24337TL OPENZ	EUR											
Certificate	NL0013186778	DJIND24348TRLOPENH	EUR											
Certificate	NL0013190952	DJIND24348TRLOPENH	EUR											
Certificate	NL0013190945	DJIND24358TRLOPENH	EUR											
Certificate	NL0013186760	DJIND24358TRLOPENH	EUR											
Certificate	DE000VA90Y14	DJIND24374TL OPENV	EUR											
Certificate	NL0013186752	DJIND24388TRLOPENH	EUR											
Certificate	NL0013190937	DJIND24388TRLOPENH	EUR											
Certificate	NL0013191265	DJIND24400TL OPENH	EUR											
Certificate	NL0013186745	DJIND24408TRLOPENH	EUR											
Certificate	NL0013190929	DJIND24408TRLOPENH	EUR											
Certificate	NL0013164288	DJIND24410TL OPENB	EUR											
Certificate	NL0013186737	DJIND24428TRLOPENH	EUR											
Certificate	NL0013190911	DJIND24428TRLOPENH	EUR											
Certificate	NL0013159080	DJIND24430TL OPENB	EUR											
Certificate	NL0013190903	DJIND24448TRLOPENH	EUR											
Certificate	NL0013186729	DJIND24448TRLOPENH	EUR											
Certificate	NL0013186711	DJIND24458TRLOPENH	EUR											
Certificate	NL0013186703	DJIND24488TRLOPENH	EUR											
Certificate	DE000CJ3QNB7	DJIND24492TL OPENZ	EUR											
Certificate	NL0013158793	DJIND24493BL OPENB	EUR											
Certificate	LU1876974921	DJIND24500TCIOPENS	EUR											
Certificate	DE000VA90ZK8	DJIND24500TL 0319V	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	DE000CP23912	DJIND24500TL OPENC	EUR											
Certificate	DE000CP23KB8	DJIND24500TL OPENC	EUR											
Certificate	NL0013186695	DJIND24508TRLOPENH	EUR											
Certificate	NL0013186687	DJIND24528TRLOPENH	EUR											
Certificate	NL0013186679	DJIND24548TRLOPENH	EUR											
Certificate	NL0013186661	DJIND24558TRLOPENH	EUR											
Certificate	NL0013186653	DJIND24588TRLOPENH	EUR											
Certificate	NL0013186646	DJIND24608TRLOPENH	EUR											
Certificate	DE000VA90Y30	DJIND24624TL OPENV	EUR											
Certificate	NL0013186638	DJIND24628TRLOPENH	EUR											
Certificate	NL0013159098	DJIND24630TL OPENB	EUR											
Certificate	NL0012927867	DJIND24640TL OPENH	EUR											
Certificate	NL0013186620	DJIND24648TRLOPENH	EUR											
Certificate	NL0013186612	DJIND24658TRLOPENH	EUR											
Certificate	NL0013186604	DJIND24688TRLOPENH	EUR											
Certificate	NL0013159908	DJIND24690BL OPENB	EUR											
Certificate	NL0013186596	DJIND24708TRLOPENH	EUR											
Certificate	NL0013186588	DJIND24728TRLOPENH	EUR											
Certificate	DE000CJ3QNC5	DJIND24742TL OPENZ	EUR											
Certificate	NL0013186570	DJIND24748TRLOPENH	EUR											
Certificate	LU1876840213	DJIND24750TCIOPENS	EUR											
Certificate	LU1876975068	DJIND24750TCIOPENS	EUR											
Certificate	DE000VA90ZM4	DJIND24750TL 0319V	EUR											
Certificate	NL0013186562	DJIND24758TRLOPENH	EUR											
Certificate	NL0013186554	DJIND24788TRLOPENH	EUR											
Certificate	NL0013192131	DJIND24800TS OPENH	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	NL0013186547	DJIND24808TRLOPENH	EUR											
Certificate	NL0013186539	DJIND24828TRLOPENH	EUR											
Certificate	NL0013159106	DJIND24830TL OPENB	EUR											
Certificate	DE000VN9HE77	DJIND24839TS OPENV	EUR											
Certificate	NL0013186521	DJIND24848TRLOPENH	EUR											
Certificate	NL0013186513	DJIND24858TRLOPENH	EUR											
Certificate	DE000VA90053	DJIND24882TL OPENV	EUR											
Certificate	NL0013187602	DJIND24885TRLOPENH	EUR											
Certificate	NL0013191802	DJIND24885TRSOPENH	EUR	2,2900	5,2000	2,2900	132761,0000	4	5,2000	36200				
Certificate	NL0013160815	DJIND24886BL OPENB	EUR											
Certificate	NL0013191794	DJIND24905TRSOPENH	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	NL0013186968	DJIND24910TL OPENH	EUR											
Certificate	NL0013187594	DJIND24925TRLOPENH	EUR											
Certificate	NL0013191786	DJIND24925TRSOPENH	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	NL0013165236	DJIND24940TS OPENB	EUR	6,2900	7,6700	6,2900	4062,0000	2	7,6700	600				
Certificate	NL0013187586	DJIND24945TRLOPENH	EUR											
Certificate	NL0013191778	DJIND24945TRSOPENH	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	NL0013187578	DJIND24955TRLOPENH	EUR											
Certificate	NL0013191760	DJIND24955TRSOPENH	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	DE000CJ3QYN9	DJIND24969TS OPENZ	EUR	0,4400	0,6250	0,2800	4290,0000	6	0,6250	10000				
Certificate	NL0013187560	DJIND24985TRLOPENH	EUR											
Certificate	NL0013191752	DJIND24985TRSOPENH	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	DE000CJ3QP56	DJIND24987TL OPENZ	EUR											
Certificate	LU1876975142	DJIND25000TCIOPENS	EUR											
Certificate	DE000VN9G569	DJIND25000TL 0319V	EUR											
Certificate	DE000VA7PQQ7	DJIND25000TL 0319V	EUR											
Certificate	DE000CJ3QQP0	DJIND25000TL 0319Z	EUR											
Certificate	DE000VASRG58	DJIND25000TL 1218V	EUR											
Certificate	DE000VN9HF01	DJIND25000TS 0319V	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	NL0013192123	DJIND25000TS OPENH	EUR	10,5100	10,5100	10,5100			10,5100					
Certificate	NL0013187552	DJIND25005TRLOPENH	EUR											
Certificate	NL0013191745	DJIND25005TRSOPENH	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	NL0013160443	DJIND25020TL OPENB	EUR											
Certificate	NL0013191737	DJIND25025TRSOPENH	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	NL0013187545	DJIND25030TRLOPENH	EUR											
Certificate	NL0013191729	DJIND25045TRSOPENH	EUR	4,0800	6,5600	3,8000	9513,8000	6	6,5600	2120				
Certificate	NL0013191711	DJIND25055TRSOPENH	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	NL0013188444	DJIND25081TRLOPENH	EUR											
Certificate	NL0013191703	DJIND25085TRSOPENH	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	DE000VN9HE85	DJIND25089TS OPENV	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	NL0013187982	DJIND25100TL OPENH	EUR											
Certificate	NL0013188436	DJIND25101TRLOPENH	EUR											
Certificate	NL0013191695	DJIND25105TRSOPENH	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	NL0013188428	DJIND25121TRLOPENH	EUR											
Certificate	NL0013191687	DJIND25125TRSOPENH	EUR	7,2900	7,2900	7,2900			7,2900					
Certificate	DE000VA90061	DJIND25132TL 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	NL0013165244	DJIND25140TS OPENB	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	NL0013188410	DJIND25141TRLOPENH	EUR											
Certificate	NL0013191679	DJIND25145TRSOPENH	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	NL0013188402	DJIND25151TRLOPENH	EUR											
Certificate	NL0013191661	DJIND25155TRSOPENH	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	NL0013188394	DJIND25181TRLOPENH	EUR											
Certificate	NL0013191653	DJIND25185TRSOPENH	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	NL0013188386	DJIND25201TRLOPENH	EUR											
Certificate	NL0013191646	DJIND25205TRSOPENH	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	DE000CJ3QVT2	DJIND25218TS OPENZ	EUR	0,7500	0,8400	0,6900	4223,0000	9	0,8350	5920				
Certificate	NL0013161029	DJIND25220TL OPENB	EUR											
Certificate	NL0013188378	DJIND25221TRLOPENH	EUR											
Certificate	NL0013191638	DJIND25225TRSOPENH	EUR	8,1100	8,1100	8,1100			8,1100					
Certificate	DE000CJ3QPT4	DJIND25233TL OPENZ	EUR											
Certificate	NL0013188360	DJIND25241TRLOPENH	EUR											
Certificate	NL0013191620	DJIND25245TRSOPENH	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	DE000VA71YY2	DJIND25250TL 0319V	EUR											
Certificate	DE000VA71YS4	DJIND25250TL 1218V	EUR											
Certificate	DE000VN9HAR7	DJIND25250TS 0319V	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	DE000VA90SH9	DJIND25250TS 0319V	EUR											
Certificate	NL0013188352	DJIND25251TRLOPENH	EUR											
Certificate	NL0013191612	DJIND25255TRSOPENH	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	NL0013188345	DJIND25281TRLOPENH	EUR											
Certificate	NL0013191604	DJIND25285TRSOPENH	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	NL0013191257	DJIND25300TS OPENH	EUR	13,1700	13,1700	13,1700			13,1700					
Certificate	NL0013188337	DJIND25301TRLOPENH	EUR											
Certificate	NL0013191596	DJIND25305TRSOPENH	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	NL0013191588	DJIND25325TRSOPENH	EUR	8,9900	8,9900	8,9900			8,9900					
Certificate	NL0013164742	DJIND25333BS OPENB	EUR	8,8800	9,6300	5,6000	10288,5000	12	9,6300	1400				
Certificate	DE000VN9G932	DJIND25338TS OPENV	EUR	9,3100	9,3100	9,3100			9,3100					
Certificate	NL0013165251	DJIND25340TS OPENB	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	NL0013191570	DJIND25345TRSOPENH	EUR	9,2000	9,2000	9,2000			9,2000					
Certificate	DE000CJ3QQS4	DJIND25350TL OPENZ	EUR											
Certificate	NL0013191562	DJIND25355TRSOPENH	EUR	9,2600	9,2600	9,2600			9,2600					
Certificate	NL0013191554	DJIND25385TRSOPENH	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	NL0013188709	DJIND25400TL OPENH	EUR											
Certificate	NL0013191547	DJIND25405TRSOPENH	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	NL0013191539	DJIND25425TRSOPENH	EUR	9,9200	9,9200	9,9200			9,9200					
Certificate	NL0013190895	DJIND25454TRSOPENH	EUR	10,1400	10,1400	10,1400			10,1400					
Certificate	DE000CJ3QVN5	DJIND25466TS OPENZ	EUR	12,8800	12,8800	12,8800			12,8800					
Certificate	DE000CJ3QVU0	DJIND25468TS OPENZ	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	DE000CJ3QEZ5	DJIND25470TS OPENZ	EUR											
Certificate	NL0013190887	DJIND25484TRSOPENH	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	DE000VN9HAV9	DJIND25500TS 0319V	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	DE000CJ3QVZ9	DJIND25500TS 0319Z	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000C05ALZ0	DJIND25500TS OPENC	EUR											
Certificate	NL0013190879	DJIND25504TRSOPENH	EUR	10,5800	10,5800	10,5800			10,5800					
Certificate	NL0013189178	DJIND25522TRSOPENH	EUR	9,8300	10,7700	6,6200	52213,5000	23	10,7700	6205				
Certificate	NL0013189160	DJIND25532TRSOPENH	EUR	10,8200	10,8200	10,8200			10,8200					
Certificate	NL0013164759	DJIND25533BS OPENB	EUR	11,4000	11,4000	11,4000			11,4000					
Certificate	NL0013164361	DJIND25540TS OPENB	EUR	9,6900	13,0300	9,6700	2491,3000	3	13,0300	245				
Certificate	NL0013189152	DJIND25562TRSOPENH	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	NL0013189426	DJIND25580TS OPENH	EUR	15,8300	15,8300	15,8300			15,8300					
Certificate	NL0013189145	DJIND25582TRSOPENH	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	DE000VN9G7T3	DJIND25588TS OPENV	EUR	11,3700	11,3700	11,3700			11,3700					
Certificate	NL0013189137	DJIND25602TRSOPENH	EUR	11,4700	11,4700	11,4700			11,4700					
Certificate	NL0013189129	DJIND25622TRSOPENH	EUR	11,5900	11,5900	11,5900			11,5900					
Certificate	NL0013189111	DJIND25632TRSOPENH	EUR	8,4000	11,7300	8,4000	8400,0000	1	11,7300	1000				
Certificate	NL0013189103	DJIND25662TRSOPENH	EUR	11,9600	11,9600	11,9600			11,9600					
Certificate	NL0013189095	DJIND25682TRSOPENH	EUR	12,1200	12,1200	12,1200			12,1200					
Certificate	NL0013189087	DJIND25702TRSOPENH	EUR	12,3100	12,3100	12,3100			12,3100					
Certificate	DE000CJ3QTS8	DJIND25706TS OPENZ	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	NL0013189079	DJIND25722TRSOPENH	EUR	12,4600	12,4600	12,4600			12,4600					
Certificate	NL0013163918	DJIND25732BS OPENB	EUR	13,1600	13,1600	13,1600			13,1600					
Certificate	NL0013189061	DJIND25732TRSOPENH	EUR	12,5700	12,5700	12,5700			12,5700					
Certificate	NL0013164379	DJIND25740TS OPENB	EUR	14,8100	14,8100	14,8100			14,8100					
Certificate	DE000VA7PQ23	DJIND25750TL 0319V	EUR											
Certificate	DE000VAGEE47	DJIND25750TL 1218V	EUR											
Certificate	DE000VN9G8D5	DJIND25750TS 0319V	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	NL0013189053	DJIND25762TRSOPENH	EUR	12,8400	12,8400	12,8400			12,8400					
Certificate	NL0013189046	DJIND25782TRSOPENH	EUR	13,0200	13,0200	13,0200			13,0200					
Certificate	NL0013189038	DJIND25802TRSOPENH	EUR	13,1900	13,1900	13,1900			13,1900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013189020	DJIND25822TRSOPENH	EUR	13,3700	13,3700	13,3700			13,3700					
Certificate	NL0013189012	DJIND25832TRSOPENH	EUR	13,4300	13,4300	13,4300			13,4300					
Certificate	DE000VNG67V9	DJIND25838TS OPENV	EUR	13,5300	13,5300	13,5300			13,5300					
Certificate	NL0013189004	DJIND25862TRSOPENH	EUR	13,7100	13,7100	13,7100			13,7100					
Certificate	NL0013189418	DJIND25880TS OPENH	EUR	18,5200	18,5200	18,5200			18,5200					
Certificate	NL0013188998	DJIND25882TRSOPENH	EUR	13,8900	13,8900	13,8900			13,8900					
Certificate	NL0013188980	DJIND25902TRSOPENH	EUR	14,0700	14,0700	14,0700			14,0700					
Certificate	NL0013188972	DJIND25922TRSOPENH	EUR	14,2300	14,2300	14,2300			14,2300					
Certificate	NL0013162977	DJIND25931BS OPENB	EUR	14,9200	14,9200	14,9200			14,9200					
Certificate	NL0013164387	DJIND25940TS OPENB	EUR	16,6000	16,6000	16,6000			16,6000					
Certificate	DE000CJ3QTT6	DJIND25956TS OPENZ	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	NL0013133788	DJIND25978TRSOPENH	EUR	14,7700	14,7700	14,7700			14,7700					
Certificate	NL0013133770	DJIND25998TRSOPENH	EUR	14,8900	14,8900	14,8900			14,8900					
Certificate	DE000CP06P89	DJIND26000TL OPENC	EUR											
Certificate	LU1840974940	DJIND26000TPIOPENS	EUR											
Certificate	LU1876843316	DJIND26000TPIOPENS	EUR											
Certificate	DE000VA9COK8	DJIND26000TS 0319V	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	DE000CP23RN8	DJIND26000TS OPENC	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CP23PL6	DJIND26000TS OPENC	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	NL0013133762	DJIND26018TRSOPENH	EUR	15,1200	15,1200	15,1200			15,1200					
Certificate	NL0013133754	DJIND26038TRSOPENH	EUR	15,2900	15,2900	15,2900			15,2900					
Certificate	NL0013133747	DJIND26048TRSOPENH	EUR	15,3300	15,3300	15,3300			15,3300					
Certificate	NL0013133739	DJIND26078TRSOPENH	EUR	15,6500	15,6500	15,6500			15,6500					
Certificate	NL0013133721	DJIND26098TRSOPENH	EUR	15,8200	15,8200	15,8200			15,8200					
Certificate	NL0013133713	DJIND26118TRSOPENH	EUR	16,0100	16,0100	16,0100			16,0100					
Certificate	NL0013152119	DJIND26119BS OPENB	EUR	16,5900	16,5900	16,5900			16,5900					
Certificate	DE000VA9CZZ3	DJIND26128TS OPENV	EUR	15,6200	15,6200	15,6200			15,6200					
Certificate	NL0013133705	DJIND26138TRSOPENH	EUR	16,1200	16,1200	16,1200			16,1200					
Certificate	NL0013152499	DJIND26140TS OPENB	EUR	18,4800	18,4800	18,4800			18,4800					
Certificate	NL0013083280	DJIND26175TRSOPENH	EUR	12,7900	16,5000	12,7900	3897,0000	1	16,5000	300				
Certificate	NL0013080542	DJIND26183TRSOPENH	EUR	16,5700	16,5700	16,5700			16,5700					
Certificate	DE000CJ3N7Q4	DJIND26202TS OPENZ	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	NL0013081359	DJIND26210TS OPENH	EUR	21,4800	21,4800	21,4800			21,4800					
Certificate	NL0013080534	DJIND26213TRSOPENH	EUR	16,7700	16,7700	16,7700			16,7700					
Certificate	NL0013133697	DJIND26238TRSOPENH	EUR	17,0100	17,0100	17,0100			17,0100					
Certificate	NL0013080526	DJIND26243TRSOPENH	EUR	17,0900	17,0900	17,0900			17,0900					
Certificate	LU1876843407	DJIND26250TPIOPENS	EUR	16,6100	16,6100	16,6100			16,6100					
Certificate	DE000VA9COL6	DJIND26250TS 0319V	EUR	1,5500	1,6850	1,3850	800,2500	5	1,6850	545				
Certificate	NL0013182496	DJIND26259TRSOPENH	EUR	17,1900	17,1900	17,1900			17,1900					
Certificate	NL0013080518	DJIND26273TRSOPENH	EUR	17,3400	17,3400	17,3400			17,3400					
Certificate	NL0013130727	DJIND26301TRSOPENH	EUR	17,5500	17,5500	17,5500			17,5500					
Certificate	NL0013131048	DJIND26303TRSOPENH	EUR	17,6400	17,6400	17,6400			17,6400					
Certificate	NL0013080500	DJIND26303TRSOPENH	EUR	17,6200	17,6200	17,6200			17,6200					
Certificate	NL0013008493	DJIND26316BS OPENB	EUR	17,4300	18,3200	17,4300	1743,0000	1	18,3200	100				
Certificate	NL0013080492	DJIND26333TRSOPENH	EUR	17,8800	17,8800	17,8800			17,8800					
Certificate	NL0013131378	DJIND26337TRSOPENH	EUR	17,9100	17,9100	17,9100			17,9100					
Certificate	NL0013009475	DJIND26350TS OPENB	EUR	20,3000	20,3000	20,3000			20,3000					
Certificate	NL0013182090	DJIND26360TRSOPENH	EUR	18,1400	18,1400	18,1400			18,1400					
Certificate	NL0013080484	DJIND26363TRSOPENH	EUR	18,1300	18,1300	18,1300			18,1300					
Certificate	NL0013085756	DJIND26393TRSOPENH	EUR	18,3700	18,3700	18,3700			18,3700					
Certificate	NL0013080476	DJIND26393TRSOPENH	EUR	18,3700	18,3700	18,3700			18,3700					
Certificate	NL0013086473	DJIND26394TRSOPENH	EUR	18,4200	18,4200	18,4200			18,4200					
Certificate	NL0013187222	DJIND26416TRSOPENH	EUR	18,6000	18,6000	18,6000			18,6000					
Certificate	NL0013080468	DJIND26423TRSOPENH	EUR	18,6300	18,6300	18,6300			18,6300					
Certificate	DE000VA7THM7	DJIND26442TS OPENV	EUR	17,8300	17,8300	17,8300			17,8300					
Certificate	DE000CJ3N4U3	DJIND26451TS OPENZ	EUR	1,9250	1,9250	1,9250			1,9250					
Certificate	NL0013080450	DJIND26453TRSOPENH	EUR	18,8900	18,8900	18,8900			18,8900					
Certificate	DE000CJ3N6Q6	DJIND26455TS OPENZ	EUR	21,7700	21,7700	21,7700			21,7700					
Certificate	NL0013084338	DJIND26480TRSOPENH	EUR	19,1300	19,1300	19,1300			19,1300					
Certificate	NL0013084874	DJIND26480TS OPENH	EUR	23,8400	23,8400	23,8400			23,8400					
Certificate	NL0013080443	DJIND26483TRSOPENH	EUR	19,1600	19,1600	19,1600			19,1600					
Certificate	LU1876843589	DJIND26500TPIOPENS	EUR	18,8000	18,8000	18,8000			18,8000					
Certificate	DE000VA71MS9	DJIND26500TS 0319V	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000CJ3P9T2	DJIND26500TS 0319Z	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000VA71NJ6	DJIND26500TS 1218V	EUR	1,9350	1,9350	1,9350			1,9350					
Certificate	DE000CP07BQ8	DJIND26500TS OPENC	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	DE000CP06V99	DJIND26500TS OPENC	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	NL0013080435	DJIND26512TRSOPENH	EUR	19,4200	19,4200	19,4200			19,4200					
Certificate	NL0013186505	DJIND26514TRSOPENH	EUR	19,4300	19,4300	19,4300			19,4300					
Certificate	NL0013008501	DJIND26515BS OPENB	EUR	20,0900	20,0900	20,0900			20,0900					
Certificate	NL0013133259	DJIND26536TRSOPENH	EUR	19,6700	19,6700	19,6700			19,6700					
Certificate	NL0013080427	DJIND26542TRSOPENH	EUR	19,6800	19,6800	19,6800			19,6800					



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
Certificate	NL0013009483	DJIND26550TS OPENB	EUR	22,0900	22,0900	22,0900			22,0900					
Certificate	NL0013080419	DJIND26572TRSOPENH	EUR	20,0000	20,0000	20,0000			20,0000					
Certificate	NL0013086036	DJIND26580TS OPENH	EUR	24,8400	24,8400	24,8400			24,8400					
Certificate	NL0013080401	DJIND26602TRSOPENH	EUR	20,2600	20,2600	20,2600			20,2600					
Certificate	NL0013080393	DJIND26632TRSOPENH	EUR	20,5200	20,5200	20,5200			20,5200					
Certificate	NL0013131360	DJIND26636TRSOPENH	EUR	20,5100	20,5100	20,5100			20,5100					
Certificate	NL0013080385	DJIND26662TRSOPENH	EUR	20,8000	20,8000	20,8000			20,8000					
Certificate	NL0013080377	DJIND26692TRSOPENH	EUR	21,0000	21,0000	21,0000			21,0000					
Certificate	DE000VA7THP0	DJIND26692TS OPENV	EUR	20,0400	20,0400	20,0400			20,0400					
Certificate	DE000CJ3N7R2	DJIND26704TS OPENZ	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	NL0013008519	DJIND26715BS OPENB	EUR	21,8500	21,8500	21,8500			21,8500					
Certificate	NL0013084320	DJIND26720TRSOPENH	EUR	21,2700	21,2700	21,2700			21,2700					
Certificate	LU1876843662	DJIND26750TPIOPENS	EUR	20,9900	20,9900	20,9900			20,9900					
Certificate	DE000VA71MV3	DJIND26750TS 0319V	EUR	2,1150	2,1150	2,1150			2,1150					
Certificate	DE000VA71NL2	DJIND26750TS 1218V	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	NL0013084312	DJIND26760TRSOPENH	EUR	21,6200	21,6200	21,6200			21,6200					
Certificate	NL0012905319	DJIND26781TRSOPENH	EUR	21,8100	21,8100	21,8100			21,8100					
Certificate	NL0012905301	DJIND26791TRSOPENH	EUR	21,9000	21,9000	21,9000			21,9000					
Certificate	NL0012901334	DJIND26801TRSOPENH	EUR	22,0000	22,0000	22,0000			22,0000					
Certificate	NL0012554877	DJIND26820TS OPENH	EUR	26,9500	26,9500	26,9500			26,9500					
Certificate	NL0012545990	DJIND26821TRSOPENH	EUR	19,6900	22,1300	18,2300	6335,9600	6	22,1300	308				
Certificate	NL0013133242	DJIND26836TRSOPENH	EUR	22,2900	22,2900	22,2900			22,2900					
Certificate	NL0012520019	DJIND26846TRSOPENH	EUR											
Certificate	NL0012892616	DJIND26865TRSOPENH	EUR	22,5300	22,5300	22,5300			22,5300					
Certificate	NL0012904692	DJIND26890TRSOPENH	EUR	22,7800	22,7800	22,7800			22,7800					
Certificate	NL0012895320	DJIND26912TRSOPENH	EUR	22,9900	22,9900	22,9900			22,9900					
Certificate	NL0012992218	DJIND26914BS OPENB	EUR	23,6200	23,6200	23,6200			23,6200					
Certificate	NL0012561252	DJIND26932TRSOPENH	EUR	23,1500	23,1500	23,1500			23,1500					
Certificate	DE000CE6F552	DJIND26952TS OPENZ	EUR	2,1350	2,3650	2,1300	2338,2000	2	2,3650	1080				
Certificate	NL0012904320	DJIND26959TRSOPENH	EUR	23,3600	23,3600	23,3600			23,3600					
Certificate	NL0013002306	DJIND26960TS OPENB	EUR	24,8000	25,7400	24,8000	248,0000	1	25,7400	10				
Certificate	NL0012901243	DJIND26991TRSOPENH	EUR	23,6700	23,6700	23,6700			23,6700					
Certificate	DE000VA7TBA5	DJIND27000TS 0319V	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	DE000VA321N9	DJIND27000TS 1218V	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	DE000CJ3N1U9	DJIND27000TS 1218Z	EUR	2,3850	2,3850	2,3850			2,3850					
Certificate	DE000CP06396	DJIND27000TS OPENC	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000CP06VA2	DJIND27000TS OPENC	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	NL0012904312	DJIND27019TRSOPENH	EUR	23,9200	23,9200	23,9200			23,9200					
Certificate	NL0012554869	DJIND27020TS OPENH	EUR	28,7500	28,7500	28,7500			28,7500					
Certificate	NL0012561187	DJIND27041TRSOPENH	EUR	24,1100	24,1100	24,1100			24,1100					
Certificate	NL0013132707	DJIND27044TRSOPENH	EUR	24,1100	24,1100	24,1100			24,1100					
Certificate	NL0012904304	DJIND27069TRSOPENH	EUR	24,3300	24,3300	24,3300			24,3300					
Certificate	NL0012901862	DJIND27091TRSOPENH	EUR	24,5500	24,5500	24,5500			24,5500					
Certificate	NL0012998462	DJIND27115BS OPENB	EUR	25,3900	25,3900	25,3900			25,3900					
Certificate	NL0012904296	DJIND27119TRSOPENH	EUR	24,7700	24,7700	24,7700			24,7700					
Certificate	NL0012901854	DJIND27141TRSOPENH	EUR	24,9500	24,9500	24,9500			24,9500					
Certificate	NL0013132699	DJIND27144TRSOPENH	EUR	24,9900	24,9900	24,9900			24,9900					
Certificate	NL0012904288	DJIND27169TRSOPENH	EUR	25,2200	25,2200	25,2200			25,2200					
Certificate	LU1817097238	DJIND27190TPIOPENS	EUR	22,9800	22,9800	22,9800			22,9800					
Certificate	NL0012901847	DJIND27191TRSOPENH	EUR	25,4300	25,4300	25,4300			25,4300					
Certificate	DE000CE6FEZ6	DJIND27202TS OPENZ	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	NL0012181374	DJIND27218TRSOPENH	EUR	25,6800	25,6800	25,6800			25,6800					
Certificate	NL0012676803	DJIND27220TS OPENB	EUR	32,6300	32,6300	32,6300			32,6300					
Certificate	NL0012554851	DJIND27220TS OPENH	EUR	30,5600	30,5600	30,5600			30,5600					
Certificate	NL0012901839	DJIND27241TRSOPENH	EUR	25,8700	25,8700	25,8700			25,8700					
Certificate	NL0013132681	DJIND27244TRSOPENH	EUR	25,9200	25,9200	25,9200			25,9200					
Certificate	LU1876843746	DJIND27250TPIOPENS	EUR	25,3800	25,3800	25,3800			25,3800					
Certificate	DE000VA7PWL6	DJIND27250TS 0319V	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	DE000VA32302	DJIND27250TS 1218V	EUR	2,5950	2,5950	2,5950			2,5950					
Certificate	NL0012901821	DJIND27261TRSOPENH	EUR	26,0300	26,0300	26,0300			26,0300					
Certificate	NL0012901813	DJIND27291TRSOPENH	EUR	26,3200	26,3200	26,3200			26,3200					
Certificate	NL0012545917	DJIND27314TRSOPENH	EUR	26,4900	26,4900	26,4900			26,4900					
Certificate	NL0013000243	DJIND27315BS OPENB	EUR	27,1600	27,1600	27,1600			27,1600					
Certificate	NL0012901805	DJIND27341TRSOPENH	EUR	26,7600	26,7600	26,7600			26,7600					
Certificate	NL0013132673	DJIND27344TRSOPENH	EUR	26,8100	26,8100	26,8100			26,8100					
Certificate	NL0012904270	DJIND27368TRSOPENH	EUR	27,0000	27,0000	27,0000			27,0000					
Certificate	NL0012892566	DJIND27403TRSOPENH	EUR	27,2900	27,2900	27,2900			27,2900					
Certificate	NL0012548444	DJIND27420TS OPENH	EUR	31,3000	32,3500	28,7600	37880,0000	4	32,3500	1250				
Certificate	DE000VL61G75	DJIND27423TS OPENV	EUR	22,2600	22,2600	22,2600			22,2600					
Certificate	NL0012904684	DJIND27429TRSOPENH	EUR	27,5800	27,5800	27,5800			27,5800					
Certificate	NL0012904262	DJIND27448TRSOPENH	EUR	27,7000	27,7000	27,7000			27,7000					
Certificate	DE000CV4YQX0	DJIND27459TS OPENZ	EUR	2,8150	2,8150	2,8150			2,8150					



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	DE000CE6F397	DJIND27465TS OPENZ	EUR	30,7950	30,7950	30,7950			30,7950					
Certificate	NL0012904676	DJIND27479TRSOPENH	EUR	27,9800	27,9800	27,9800			27,9800					
Certificate	NL0012901797	DJIND27500TRSOPENH	EUR	28,1700	28,1700	28,1700			28,1700					
Certificate	DE000VA7PPD7	DJIND27500TS 0319V	EUR	2,7750	2,7750	2,7750			2,7750					
Certificate	DE000CJ3P7W0	DJIND27500TS 0319Z	EUR	2,7850	2,7850	2,7850			2,7850					
Certificate	DE000VA3Z5G4	DJIND27500TS 1218V	EUR	2,8150	2,8150	2,8150			2,8150					
Certificate	DE000CP23RP3	DJIND27500TS OPENC	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	DE000CP233P5	DJIND27500TS OPENC	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0013001019	DJIND27516BS OPENB	EUR	28,9400	28,9400	28,9400			28,9400					
Certificate	NL0012904668	DJIND27529TRSOPENH	EUR	28,4200	28,4200	28,4200			28,4200					
Certificate	NL0012904254	DJIND27548TRSOPENH	EUR	28,5900	28,5900	28,5900			28,5900					
Certificate	NL0012904650	DJIND27579TRSOPENH	EUR	28,8600	28,8600	28,8600			28,8600					
Certificate	NL0012892558	DJIND27603TRSOPENH	EUR	29,1000	29,1000	29,1000			29,1000					
Certificate	NL0012554836	DJIND27620TS OPENH	EUR	34,2000	34,2000	34,2000			34,2000					
Certificate	NL0012906309	DJIND27631TRSOPENH	EUR	29,3000	29,3000	29,3000			29,3000					
Certificate	NL0012904247	DJIND27668TRSOPENH	EUR	29,6600	29,6600	29,6600			29,6600					
Certificate	NL0012907307	DJIND27691TRSOPENH	EUR	29,8700	29,8700	29,8700			29,8700					
Certificate	NL0013004682	DJIND27717BS OPENB	EUR	30,7100	30,7100	30,7100			30,7100					
Certificate	NL0012906291	DJIND27731TRSOPENH	EUR	30,1800	30,1800	30,1800			30,1800					
Certificate	DE000CV4YW56	DJIND27731TS OPENZ	EUR	3,0550	3,0550	3,0550			3,0550					
Certificate	DE000VA7PPG0	DJIND27750TS 0319V	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	DE000VA4RL94	DJIND27750TS 1218V	EUR	3,0350	3,0350	3,0350			3,0350					
Certificate	NL0013078124	DJIND27753TRSOPENH	EUR	30,3700	30,3700	30,3700			30,3700					
Certificate	NL0012907299	DJIND27791TRSOPENH	EUR	30,7300	30,7300	30,7300			30,7300					
Certificate	NL0012554828	DJIND27820TS OPENH	EUR	36,0000	36,0000	36,0000			36,0000					
Certificate	NL0012892533	DJIND27852TRSOPENH	EUR	31,2500	31,2500	31,2500			31,2500					
Certificate	NL0012907281	DJIND27921TRSOPENH	EUR	31,8600	31,8600	31,8600			31,8600					
Certificate	DE000VL61G91	DJIND27923TS OPENV	EUR	26,6700	26,6700	26,6700			26,6700					
Certificate	DE000CV4YX22	DJIND27978TS OPENZ	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	LU1817097311	DJIND27990TPIOPENH	EUR	29,9800	29,9800	29,9800			29,9800					
Certificate	NL0012901789	DJIND27999TRSOPENH	EUR	32,6100	32,6100	32,6100			32,6100					
Certificate	LU1876843829	DJIND28000TPIOPENH	EUR	31,9700	31,9700	31,9700			31,9700					
Certificate	DE000VA7PPK2	DJIND28000TS 0319V	EUR	3,2150	3,2150	3,2150			3,2150					
Certificate	DE000VA4YTX6	DJIND28000TS 1218V	EUR	3,2550	3,2550	3,2550			3,2550					
Certificate	DE000CJ3NUX3	DJIND28000TS 1218Z	EUR	3,2650	3,2650	3,2650			3,2650					
Certificate	DE000CY51Y73	DJIND28000TS OPENC	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000CY52046	DJIND28000TS OPENC	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	DE000CQ58P36	DJIND28000TS OPENC	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	NL0012554810	DJIND28020TS OPENH	EUR	37,7600	37,7600	37,7600			37,7600					
Certificate	DE000VL8XH38	DJIND28058TS OPENV	EUR	29,0800	29,0800	29,0800			29,0800					
Certificate	NL0013084304	DJIND28088TRSOPENH	EUR	33,3700	33,3700	33,3700			33,3700					
Certificate	NL0013148737	DJIND28100BOC1219B	EUR	218,6500	220,3500	218,6500			220,3500					
Certificate	NL0013084296	DJIND28138TRSOPENH	EUR	33,7800	33,7800	33,7800			33,7800					
Certificate	NL0013084288	DJIND28188TRSOPENH	EUR	34,2500	34,2500	34,2500			34,2500					
Certificate	NL0012901771	DJIND28199TRSOPENH	EUR	34,3400	34,3400	34,3400			34,3400					
Certificate	NL0012676811	DJIND28220TS OPENB	EUR	41,7400	41,7400	41,7400			41,7400					
Certificate	NL0012554802	DJIND28220TS OPENH	EUR	39,5600	39,5600	39,5600			39,5600					
Certificate	DE000CV4YX30	DJIND28232TS OPENZ	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	DE000VA7PPM8	DJIND28250TS 0319V	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	DE000VA4YV69	DJIND28250TS 1218V	EUR	3,4750	3,4750	3,4750			3,4750					
Certificate	NL0012910137	DJIND28296TRSOPENH	EUR	35,1700	35,1700	35,1700			35,1700					
Certificate	DE000VL8XH46	DJIND28308TS OPENV	EUR	31,2800	31,2800	31,2800			31,2800					
Certificate	NL0012901763	DJIND28349TRSOPENH	EUR	35,6900	35,6900	35,6900			35,6900					
Certificate	NL0013133234	DJIND28395TRSOPENH	EUR	36,0600	36,0600	36,0600			36,0600					
Certificate	NL0013133226	DJIND28445TRSOPENH	EUR	36,5000	36,5000	36,5000			36,5000					
Certificate	NL0013132020	DJIND28451TRSOPENH	EUR	36,5700	36,5700	36,5700			36,5700					
Certificate	LU1840349135	DJIND28480TPIOPENH	EUR	34,6700	34,6700	34,6700			34,6700					
Certificate	DE000CV4YVH3	DJIND28485TS OPENZ	EUR	39,9300	39,9300	39,9300			39,9300					
Certificate	DE000CV4Z3F6	DJIND28491TS OPENZ	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	LU1876969848	DJIND28500TPIOPENH	EUR	36,9600	36,9600	36,9600			36,9600					
Certificate	DE000VA7PPP1	DJIND28500TS 0319V	EUR	3,6550	3,6550	3,6550			3,6550					
Certificate	DE000CJ3P7X8	DJIND28500TS 0319Z	EUR	3,6650	3,6650	3,6650			3,6650					
Certificate	DE000VAsRP24	DJIND28500TS 1218V	EUR	3,6950	3,6950	3,6950			3,6950					
Certificate	DE000CY52521	DJIND28500TS OPENC	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	NL0013132012	DJIND28501TRSOPENH	EUR	37,0300	37,0300	37,0300			37,0300					
Certificate	NL0012901755	DJIND28548TRSOPENH	EUR	37,4600	37,4600	37,4600			37,4600					
Certificate	DE000VL8XH53	DJIND28558TS OPENV	EUR	33,4900	33,4900	33,4900			33,4900					
Certificate	NL0013132665	DJIND28603TRSOPENH	EUR	37,9400	37,9400	37,9400			37,9400					
Certificate	NL0013132004	DJIND28651TRSOPENH	EUR	38,3600	38,3600	38,3600			38,3600					
Certificate	NL0012901748	DJIND28698TRSOPENH	EUR	38,7800	38,7800	38,7800			38,7800					
Certificate	DE000CV4Z3G4	DJIND28746TS OPENZ	EUR	3,9450	3,9450	3,9450			3,9450					
Certificate	LU1876969921	DJIND28750TPIOPENH	EUR	39,1700	39,1700	39,1700			39,1700					



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	NL0012892509	DJIND2875OTRSOPENH	EUR	39,1900	39,1900	39,1900			39,1900					
Certificate	DE000VA7PPR7	DJIND28750TS 0319V	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	DE000VA6T0L0	DJIND28750TS 1218V	EUR	3,9250	3,9250	3,9250			3,9250					
Certificate	NL0012550297	DJIND28833TRSOPEH	EUR	39,9300	39,9300	39,9300			39,9300					
Certificate	NL0012903785	DJIND28860TS OPENH	EUR	45,3900	45,3900	45,3900			45,3900					
Certificate	DE000VA2T8F9	DJIND28872TS OPENV	EUR	37,7600	37,7600	37,7600			37,7600					
Certificate	NL0012901730	DJIND28898TRSOPEH	EUR	40,5300	40,5300	40,5300			40,5300					
Certificate	DE000CV4Z7C4	DJIND28988TS OPENZ	EUR	3,8600	4,1650	3,8600	193,0000	1		50				
Certificate	LU1876970002	DJIND29000TPIOPENS	EUR	41,3700	41,3700	41,3700			41,3700					
Certificate	DE000VA7PPS5	DJIND29000TS 0319V	EUR	4,0950	4,0950	4,0950			4,0950					
Certificate	DE000VA6T0P1	DJIND29000TS 1218V	EUR	4,1450	4,1450	4,1450			4,1450					
Certificate	DE000CJ3NNZ3	DJIND29000TS 1218Z	EUR	4,1450	4,1450	4,1450			4,1450					
Certificate	DE000CV52CL5	DJIND29000TS OPENC	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000CP06MQ7	DJIND29000TS OPENC	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000CV52F00	DJIND29000TS OPENC	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	NL0012901722	DJIND29047TRSOPEH	EUR	41,8300	41,8300	41,8300			41,8300					
Certificate	LU1876970184	DJIND29250TPIOPENS	EUR	43,5800	43,5800	43,5800			43,5800					
Certificate	DE000VA7PPU1	DJIND29250TS 0319V	EUR	4,3150	4,3150	4,3150			4,3150					
Certificate	DE000CV4ZB01	DJIND29250TS OPENZ	EUR	4,3950	4,3950	4,3950			4,3950					
Certificate	NL0013124605	DJIND29252TRSOPEH	EUR	43,6400	43,6400	43,6400			43,6400					
Certificate	DE000VASRJ14	DJIND29265TS OPENV	EUR	42,1700	42,1700	42,1700			42,1700					
Certificate	NL0012560346	DJIND29307TRSOPEH	EUR	44,1200	44,1200	44,1200			44,1200					
Certificate	NL0012196497	DJIND29377TRSOPEH	EUR	44,7500	44,7500	44,7500			44,7500					
Certificate	NL0012554794	DJIND29420TS OPENV	EUR	50,3700	50,3700	50,3700			50,3700					
Certificate	NL0012197602	DJIND29479TRSOPEH	EUR	45,6400	45,6400	45,6400			45,6400					
Certificate	DE000CV4YX71	DJIND29485TS OPENZ	EUR	48,8800	48,8800	48,8800			48,8800					
Certificate	LU1876970267	DJIND29500TPIOPENS	EUR	45,7900	45,7900	45,7900			45,7900					
Certificate	DE000VA7PPX5	DJIND29500TS 0319V	EUR	4,5350	4,5350	4,5350			4,5350					
Certificate	DE000CV4ZC91	DJIND29505TS OPENZ	EUR	4,6250	4,6250	4,6250			4,6250					
Certificate	DE000VA6D419	DJIND29726TS OPENV	EUR	46,5900	46,5900	46,5900			46,5900					
Certificate	LU1876970341	DJIND29750TPIOPENS	EUR	48,0000	48,0000	48,0000			48,0000					
Certificate	DE000VA7PP16	DJIND29750TS 0319V	EUR	4,7550	4,7550	4,7550			4,7550					
Certificate	DE000CV4ZJD4	DJIND29762TS OPENZ	EUR	4,8450	4,8450	4,8450			4,8450					
Certificate	NL0012197578	DJIND29771TRSOPEH	EUR	48,2300	48,2300	48,2300			48,2300					
Certificate	NL0013188964	DJIND29982TRSOPEH	EUR	50,1000	50,1000	50,1000			50,1000					
Certificate	LU1876970697	DJIND30000TPIOPENS	EUR	50,2200	50,2200	50,2200			50,2200					
Certificate	DE000CQ5BUD6	DJIND30000TS OPENC	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	DE000CV52GD3	DJIND30000TS OPENC	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000CP063A8	DJIND30000TS OPENC	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	DE000CV52F18	DJIND30000TS OPENC	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	NL0012905962	DJIND30006TRSOPEH	EUR	50,3300	50,3300	50,3300			50,3300					
Certificate	DE000CV4ZJE2	DJIND30017TS OPENZ	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	NL0012676829	DJIND30220TS OPENB	EUR	59,9600	59,9600	59,9600			59,9600					
Certificate	NL0012895304	DJIND30224TRSOPEH	EUR	52,2200	52,2200	52,2200			52,2200					
Certificate	DE000CV4ZKX0	DJIND30275TS OPENZ	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0012677389	DJIND30348BS OPENB	EUR	53,9800	53,9800	53,9800			53,9800					
Certificate	DE000CV4ZCR9	DJIND30485TS OPENZ	EUR	57,8450	57,8450	57,8450			57,8450					
Certificate	NL0013131352	DJIND30493TRSOPEH	EUR	54,6300	54,6300	54,6300			54,6300					
Certificate	DE000CJ3P7Y6	DJIND30500TS 0319Z	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	NL0012314173	DJIND30501TRSOPEH	EUR	54,7100	54,7100	54,7100			54,7100					
Certificate	DE000CV4ZLL3	DJIND30537TS OPENZ	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0012554786	DJIND30620TS OPENH	EUR	61,1900	61,1900	61,1900			61,1900					
Certificate	NL0012905954	DJIND30705TRSOPEH	EUR	56,5400	56,5400	56,5400			56,5400					
Certificate	DE000CV4ZPW1	DJIND30793TS OPENZ	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	NL0012901714	DJIND30994TRSOPEH	EUR	59,0700	59,0700	59,0700			59,0700					
Certificate	DE000CV8AC47	DJIND31000TS 1218Z	EUR	5,8100	5,9100	5,4700	608,8500	6		108				
Certificate	DE000CP063B6	DJIND31000TS OPENC	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	DE000CV52S39	DJIND31000TS OPENC	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	DE000CP061L9	DJIND31000TS OPENC	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	NL0012901706	DJIND31243TRSOPEH	EUR	61,2400	61,2400	61,2400			61,2400					
Certificate	NL0012905947	DJIND31454TRSOPEH	EUR	63,1100	63,1100	63,1100			63,1100					
Certificate	DE000CV4ZLB4	DJIND31495TS OPENZ	EUR	66,8450	66,8450	66,8450			66,8450					
Certificate	NL0012907273	DJIND31765TRSOPEH	EUR	65,8700	65,8700	65,8700			65,8700					
Certificate	DE000CJ3NQQ5	DJIND31798TS OPENZ	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	NL0012554778	DJIND31810TS OPENH	EUR	72,0000	72,0000	72,0000			72,0000					
Certificate	DE000CP06P97	DJIND32000TS OPENC	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	DE000CJ3P7Z3	DJIND32500TS 0319Z	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	DE000CV87QH5	DJIND32840TS OPENZ	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	NL0012849806	DJIND32918TRSOPEH	EUR	76,0500	76,0500	76,0500			76,0500					
Certificate	DE000CJ3NUY1	DJIND33000TS 1218Z	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	NL0012903777	DJIND33460TS OPENH	EUR	86,9500	86,9500	86,9500			86,9500					
Certificate	DE000CV87NJ8	DJIND33505TS OPENZ	EUR	84,8600	84,8600	84,8600			84,8600					



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	NL0012520001	DJIND33596TRSOPENH	EUR											
Certificate	DE000CJ3NRY7	DJIND35515TS OPENZ	EUR	102,7700	102,7700	102,7700			102,7700					
Certificate	NL0012905939	DJIND36296TRSOPENH	EUR	105,9500	105,9500	105,9500				105,9500				
Certificate	DE0006075369	DJINS PI OPENN	EUR	26,2300	26,2300	26,2300				26,2300				
Certificate	DE000CN6JS72	DJINS176.5TL OPENZ	EUR	8,3500	8,3500	8,2150				8,2150				
Certificate	DE000CN6JSY0	DJINS199.3TL OPENZ	EUR	6,0700	6,0700	5,9300				5,9300				
Certificate	DE000CE6C568	DJINS234.7TL OPENZ	EUR	2,5600	2,5600	2,4250				2,4250				
Certificate	DE000CV87N02	DJINS255.1TL OPENZ	EUR											
Certificate	DE000CD64FW4	DJINS309.1TS OPENZ	EUR	5,0100	5,1400	5,0100				5,1400				
Certificate	DE000CE6FCZ0	DJINS360.7TS OPENZ	EUR	10,1700	10,3000	10,1700				10,3000				
Certificate	DE000CN6JS88	DJMAT278.9TL OPENZ	EUR	9,3400	9,7250	9,3400				9,7250				
Certificate	DE000CN6JT22	DJMAT313.8TL OPENZ	EUR	5,8800	6,2500	5,8800				6,2500				
Certificate	DE000CJ3PG53	DJMAT337.6TL OPENZ	EUR	3,5200	3,8950	3,5200				3,8950				
Certificate	DE000CE6BHM6	DJMAT368.2TL OPENZ	EUR											
Certificate	DE000CJ3QUW8	DJMAT414.8TS OPENZ	EUR	4,4100	4,4100	4,0250				4,0250				
Certificate	DE000CD645X8	DJMAT470.2TS OPENZ	EUR	9,9300	9,9300	9,5400				9,5400				
Certificate	DE000CE6C881	DJMAT549.4TS OPENZ	EUR	17,8600	17,8600	17,4600				17,4600				
Certificate	DE000CE6EHE7	DJMED199.3TL OPENZ	EUR	6,3300	6,3950	6,3300				6,3950				
Certificate	DE000CE6CDC4	DJMED231.2TL OPENZ	EUR	3,1500	3,2150	3,1500				3,2150				
Certificate	DE000CV87MX1	DJMED251.5TL OPENZ	EUR	1,1600	1,2250	1,1600				1,2250				
Certificate	DE000CE6CES8	DJMED318.8TS OPENZ	EUR	5,7200	5,7200	5,6500				5,6500				
Certificate	DE000CV89Y11	DJMED368.7TS OPENZ	EUR	10,7100	10,7100	10,6400				10,6400				
Certificate	DE0006075328	DJOIL PI OPENN	EUR	32,8400	32,8400	32,8400				32,8400				
Certificate	NL0006470858	DJOIL 91TL OPENB	EUR	22,5550	22,5550	22,5550				22,5550				
Certificate	NL0006468845	DJOIL 125TL OPENB	EUR	19,3050	19,3050	19,3050				19,3050				
Certificate	NL0011655881	DJOIL 213TL OPENB	EUR	10,9900	10,9900	10,9900				10,9900				
Certificate	NL0012034649	DJOIL 254TL OPENB	EUR	7,0300	7,0300	7,0300				7,0300				
Certificate	NL0012781553	DJOIL 296TL OPENB	EUR	3,0200	3,0200	3,0200				3,0200				
Certificate	NL0012791180	DJOIL 367TS OPENB	EUR	7,3900	7,3900	7,3900				7,3900				
Certificate	DE000CV8A7L0	DJRES 502.TS OPENZ	EUR	11,9300	11,9300	11,3700				11,3700				
Certificate	DE000CN6KE00	DJRES226.3TL OPENZ	EUR	15,7950	16,3700	15,7950				16,3700				
Certificate	DE000CD627T4	DJRES269.3TL OPENZ	EUR	11,5000	12,0800	11,5000				12,0800				
Certificate	DE000CD63M86	DJRES319.2TL OPENZ	EUR	6,5400	7,1100	6,5400				7,1100				
Certificate	DE000CE6ER55	DJRES368.8TL OPENZ	EUR	1,6850	2,2400	1,6850				2,2400				
Certificate	DE000CJ3QJ59	DJRES442.4TS OPENZ	EUR	6,0000	6,0000	5,4500				5,4500				
Certificate	DE000CE6F454	DJRES551.8TS OPENZ	EUR	16,9000	16,9000	16,3400				16,3400				
Certificate	NL0012492102	DJRET 207TL OPENB	EUR	8,8700	8,8700	8,8700				8,8700				
Certificate	NL0011271382	DJRET 248TL OPENB	EUR	5,0000	5,0000	5,0000				5,0000				
Certificate	NL0013147952	DJRET 288TL OPENB	EUR											
Certificate	NL0013006505	DJRET 308TS OPENB	EUR	3,9100	3,9100	3,9100				3,9100				
Certificate	NL0011089198	DJRET 348TS OPENB	EUR	8,0300	8,0300	8,0300				8,0300				
Certificate	DE000CE6EJ51	DJRET218.7TL OPENZ	EUR	6,8100	6,8100	6,7400				6,7400				
Certificate	DE000CE6CDD2	DJRET254.6TL OPENZ	EUR	3,2950	3,2950	3,2350				3,2350				
Certificate	DE000CV87N28	DJRET274.2TL OPENZ	EUR	1,3950	1,3950	1,3250				1,3250				
Certificate	DE000CE6CEU4	DJRET347.4TS OPENZ	EUR	6,2400	6,3000	6,2400				6,3000				
Certificate	DE000CV88TR6	DJRET397.4TS OPENZ	EUR	11,2000	11,2700	11,2000				11,2700				
Certificate	DE0006075385	DJTCH PI OPENN	EUR	36,9200	36,9200	36,9200				36,9200				
Certificate	NL0013156813	DJTCH 267TL OPENB	EUR	14,8700	14,8700	14,8700				14,8700				
Certificate	NL0011907142	DJTCH 307TL OPENB	EUR	11,0800	11,0800	11,0800				11,0800				
Certificate	NL0012693006	DJTCH 350TL OPENB	EUR	7,0000	7,0000	7,0000				7,0000				
Certificate	NL0013158181	DJTCH 390TL OPENB	EUR	3,1600	3,1600	3,1600				3,1600				
Certificate	NL0013153257	DJTCH 434TS OPENB	EUR	5,2800	5,2800	5,2800				5,2800				
Certificate	NL0012996326	DJTCH 473TS OPENB	EUR	9,4600	9,4600	9,4600				9,4600				
Certificate	NL0012971154	DJTCH 513TS OPENB	EUR	13,6000	13,6000	13,6000				13,6000				
Certificate	DE000CE6C543	DJTCH 361.TL OPENZ	EUR	4,0450	4,4750	4,0450				4,4750				
Certificate	DE000CV87N44	DJTCH 559.TS OPENZ	EUR	16,0600	16,0600	15,6300				15,6300				
Certificate	DE000CN6GA67	DJTCH293.1TL OPENZ	EUR	10,7000	11,1400	10,7000				11,1400				
Certificate	DE000CN6G8D8	DJTCH310.9TL OPENZ	EUR	8,9450	9,3750	8,9450				9,3750				
Certificate	DE000CJ3PNQ7	DJTCH449.1TS OPENZ	EUR	5,1900	5,1900	4,7650				4,7650				
Certificate	DE000CE6CM90	DJTCH508.7TS OPENZ	EUR	11,0500	11,0500	10,6200				10,6200				
Certificate	DE0006075393	DJTLCL PI OPENN	EUR	24,1400	24,1400	24,1400				24,1400				
Certificate	DE000CJ3NNQ2	DJTLCL162.2TL OPENZ	EUR	8,9300	9,0600	8,9300				9,0600				
Certificate	DE000CE6FKQ2	DJTLCL196.9TL OPENZ	EUR	5,4600	5,8200	5,4600	34860,0000	2		6000				
Certificate	DE000CV889W2	DJTLCL216.4TL OPENZ	EUR	3,5250	3,6650	3,5250				3,6650				
Certificate	DE000CJ3P950	DJTLCL236.6TL OPENZ	EUR	1,5250	1,6550	1,5250				1,6550				
Certificate	DE000CV500C7	DJTLCL279.3TS OPENZ	EUR	2,8850	2,8850	2,7450				2,7450				
Certificate	DE000CE6CEQ2	DJTLCL324.2TS OPENZ	EUR	7,3600	7,3600	7,2200				7,2200				
Certificate	DE0006075401	DJUTL PI OPENN	EUR	27,8400	27,8400	27,8400				27,8400				
Certificate	NL0013007784	DJUTL 156TL OPENB	EUR	13,6100	13,6100	13,6100				13,6100				
Certificate	NL0010516134	DJUTL 195TL OPENB	EUR	9,9500	9,9500	9,9500				9,9500				
Certificate	NL0012099121	DJUTL 238TL OPENB	EUR	5,9100	5,9100	5,9100				5,9100				
Certificate	NL0011089230	DJUTL 299TS OPENB	EUR	2,9100	2,9100	2,9100				2,9100				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3PUY6	DLGS 19.2TL OPENZ	EUR	0,5350	0,6450	0,5350			0,6450					
Certificate	DE000CV84R4	DLGS 12.23TL OPENZ	EUR	1,9050	2,0250	1,9050			2,0250					
Certificate	DE000CV8A7S5	DLGS 14.24TL OPENZ	EUR	1,5050	1,6250	1,5050			1,6250					
Certificate	DE000CJ3N450	DLGS 17.23TL OPENZ	EUR	0,9150	1,0350	0,9150			1,0350					
Certificate	DE000CJ3PUZ3	DLGS 21.21TL OPENZ	EUR	0,0930	0,2300	0,0930			0,2300					
Certificate	NL0006317588	dMIAX PI OPENN	EUR	19,2300	19,3100	19,2300			19,3100					
Certificate	DE0005437438	DOWJO PI OPENN	EUR	214,2400	214,2400	214,2400			214,2400					
Certificate	NL0011721055	DPOST 21.9TL OPENH	EUR	5,1900	5,1900	4,9300			4,9300					
Certificate	NL0011933932	DPOST 25.3TL OPENH	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0011225339	DPOST16.68TL OPENH	EUR	10,0600	10,0600	9,8000			9,8000					
Certificate	DE000CV89T04	DPOST19.33TL OPENZ	EUR	6,4200	6,4200	6,0700			6,0700					
Certificate	NL0011721063	DPOST19.81TL OPENH	EUR	7,1400	7,1400	6,8800			6,8800					
Certificate	DE000CN6KHC7	DPOST21.35TL OPENZ	EUR	4,4100	4,4100	4,0600			4,0600					
Certificate	NL0011721048	DPOST22.42TL OPENH	EUR	4,7000	4,7000	4,4400			4,4400					
Certificate	NL0011892872	DPOST22.92TL OPENH	EUR	4,2300	4,2300	3,9700			3,9700					
Certificate	NL0011926837	DPOST23.22TL OPENH	EUR	3,9500	3,9500	3,6900			3,6900					
Certificate	NL0011928304	DPOST23.74TL OPENH	EUR	3,4700	3,4700	3,2100			3,2100					
Certificate	NL0011931225	DPOST24.24TL OPENH	EUR	3,0000	3,0000	2,7400			2,7400					
Certificate	DE000CD62585	DPOST24.36TL OPENZ	EUR	1,4500	1,4500	1,1000			1,1000					
Certificate	NL0011932587	DPOST24.75TL OPENH	EUR	2,5200	2,5200	2,2600			2,2600					
Certificate	NL0011934682	DPOST25.81TL OPENH	EUR											
Certificate	NL0011989868	DPOST26.31TL OPENH	EUR											
Certificate	NL0012861264	DPOST34.15TS OPENH	EUR	11,0800	11,4600	11,0800			11,4600					
Certificate	NL0012580757	DPOST37.15TS OPENH	EUR	14,2900	14,6800	14,2900			14,6800					
Certificate	NL0012610125	DPOST38.12TS OPENH	EUR	15,3400	15,7300	15,3400			15,7300					
Certificate	NL0012580740	DPOST39.11TS OPENH	EUR	16,4000	16,7900	16,4000			16,7900					
Certificate	NL0012519458	DPOST39.97TS OPENH	EUR	17,3200	17,7100	17,3200			17,7100					
Certificate	NL0012523864	DPOST40.04TS OPENH	EUR	17,4100	17,8000	17,4100			17,8000					
Certificate	NL0012367734	DPOST41.69TS OPENH	EUR	19,1800	19,5700	19,1800			19,5700					
Certificate	NL0012431043	DPOST41.87TS OPENH	EUR	19,3700	19,7600	19,3700			19,7600					
Certificate	NL0012545552	DPOST43.82TS OPENH	EUR	21,4600	21,8500	21,4600			21,8500					
Certificate	NL0012545545	DPOST45.77TS OPENH	EUR	23,5600	23,9500	23,5600			23,9500					
Certificate	NL0012537518	DPOST49.67TS OPENH	EUR	27,7500	28,1400	27,7500			28,1400					
Certificate	NL0013110463	DSM LEVOPENZ	EUR	36,0200	36,0200	34,3900			34,3900					
Certificate	NL0011656830	DSM 41TL OPENB	EUR	36,6550	36,6750	36,6550			36,6750					
Certificate	DE000CX01698	DSM 48TL OPENC	EUR	30,2500	30,2500	30,2500			30,2500					
Certificate	DE000CX59G11	DSM 50TL OPENC	EUR	27,0600	27,0600	27,0600			27,0600					
Certificate	DE000CX59324	DSM 50TL OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0012103824	DSM 54TL OPENB	EUR	24,5150	24,5350	24,5150			24,5350					
Certificate	DE000CY50EP6	DSM 55TL OPENC	EUR	21,3200	21,3200	21,3200			21,3200					
Certificate	DE000CY50UL1	DSM 55TL OPENC	EUR	20,8800	20,8800	20,8800			20,8800					
Certificate	DE000CX59PJ8	DSM 55TL OPENC	EUR	24,5700	24,5700	24,5700			24,5700					
Certificate	DE000CY509U7	DSM 55TL OPENC	EUR	23,8900	23,8900	23,8900			23,8900					
Certificate	DE000CY50SW2	DSM 55TL OPENC	EUR	23,4400	23,4400	23,4400			23,4400					
Certificate	LU1876931442	DSM 60TCIOPENS	EUR	15,1700	15,1900	15,1700			15,1900					
Certificate	DE000CY16AK6	DSM 60TL OPENC	EUR	17,0400	17,0500	17,0400	153,3600	1	17,0500	9				
Certificate	DE000CP06WH5	DSM 60TL OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CP06ZM8	DSM 60TL OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CY16FN9	DSM 60TL OPENC	EUR	19,8900	19,8900	19,8900			19,8900					
Certificate	DE000CQ5BY44	DSM 65TL OPENC	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CY524C4	DSM 65TL OPENC	EUR	13,9800	13,9800	13,9800			13,9800					
Certificate	DE000CY51GS3	DSM 65TL OPENC	EUR	13,9100	13,9100	13,9100			13,9100					
Certificate	DE000CY51FJ4	DSM 65TL OPENC	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	DE000CP234N8	DSM 65TL OPENC	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000VA8FX09	DSM 68TL 0319V	EUR	7,1050	7,1050	7,1050			7,1050					
Certificate	DE000CV8ABH6	DSM 68TL 1218Z	EUR	1,5850	1,5850	1,4350			1,4350					
Certificate	DE000VA8FUR6	DSM 70TL 0319V	EUR	5,2750	5,2750	5,2750			5,2750					
Certificate	DE000VA8FXV6	DSM 70TL 1218V	EUR	5,1850	5,1850	5,1850			5,1850					
Certificate	DE000CY51US4	DSM 70TL OPENC	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	DE000CP06ZN6	DSM 70TL OPENC	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000CP06WJ1	DSM 70TL OPENC	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000CY51WA8	DSM 70TL OPENC	EUR	9,1600	9,1600	9,1600			9,1600					
Certificate	NL0012494553	DSM 71BOC1218B	EUR	70,8200	70,8200	70,8200			70,8200					
Certificate	DE000VA71T06	DSM 72TL 0319V	EUR	3,4550	3,4550	3,4550			3,4550					
Certificate	DE000VA8FUP0	DSM 72TL 1218V	EUR	3,3550	3,3550	3,3550			3,3550					
Certificate	LU1876931525	DSM 74TCIOPENS	EUR											
Certificate	DE000VA87GQ1	DSM 74TL 0319V	EUR											
Certificate	DE000CP238A6	DSM 75TL OPENC	EUR											
Certificate	DE000CP239L1	DSM 75TL OPENC	EUR											
Certificate	DE000CY52BC6	DSM 75TL OPENC	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	DE000VA90ZH4	DSM 76TL 0319V	EUR											
Certificate	DE000VN9HCV5	DSM 76TS 0319V	EUR	2,3350	2,3350	2,3350			2,3350					



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	DE000VA8F055	DSM 76TS 0319V	EUR											
Certificate	DE000VA8F4J0	DSM 76TS 1218V	EUR											
Certificate	DE000VN9HAA3	DSM 78TS 0319V	EUR	4,1850	4,1850	4,1850			4,1850					
Certificate	LU1876937308	DSM 80TPIOPENS	EUR											
Certificate	DE000VN9G544	DSM 80TS 0319V	EUR	6,0350	6,0350	6,0350			6,0350					
Certificate	DE000CP23QD1	DSM 80TS OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CP23NJ5	DSM 80TS OPENC	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000VA710R2	DSM 82TS 0319V	EUR	7,8750	7,8750	7,8750			7,8750					
Certificate	DE000VA8FR49	DSM 82TS 1218V	EUR	7,7550	7,7550	7,7550			7,7550					
Certificate	DE000VA32088	DSM 84TL 1218V	EUR											
Certificate	DE000VA710S0	DSM 84TS 0319V	EUR	9,8250	9,8250	9,8250			9,8250					
Certificate	DE000VA710T8	DSM 84TS 1218V	EUR	9,7550	9,7550	9,7550			9,7550					
Certificate	DE000CQ58FB1	DSM 85TL OPENC	EUR											
Certificate	DE000CQ58E39	DSM 85TL OPENC	EUR											
Certificate	DE000CP06ZQ9	DSM 85TS OPENC	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CP06WL7	DSM 85TS OPENC	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CP06TV2	DSM 85TS OPENC	EUR	10,9600	10,9600	10,9600			10,9600					
Certificate	NL0013110513	DSM 86BOC0619Z	EUR											
Certificate	NL0013110539	DSM 86BOC0619Z	EUR	76,9000	76,9000	76,2500			76,2500					
Certificate	LU1876937480	DSM 86TPIOPENS	EUR	11,6000	11,6000	11,5800			11,5800					
Certificate	DE000VA7TE23	DSM 86TS 0319V	EUR	11,8350	11,8350	11,8350			11,8350					
Certificate	DE000VA7TE49	DSM 86TS 1218V	EUR	11,7550	11,7550	11,7550			11,7550					
Certificate	LU1876937563	DSM 88TPIOPENS	EUR	13,5900	13,5900	13,5700			13,5700					
Certificate	DE000VA7TDU9	DSM 88TS 0319V	EUR	13,8350	13,8350	13,8350			13,8350					
Certificate	DE000VA7TDV7	DSM 88TS 1218V	EUR	13,7550	13,7550	13,7550			13,7550					
Certificate	DE000VA7TBD9	DSM 90TS 0319V	EUR	15,8350	15,8350	15,8350			15,8350					
Certificate	DE000VA7TBG2	DSM 90TS 1218V	EUR	15,7550	15,7550	15,7550			15,7550					
Certificate	DE000CP06ZR7	DSM 90TS OPENC	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000CP06TW0	DSM 90TS OPENC	EUR	15,9500	15,9500	15,9500			15,9500					
Certificate	DE000CP06WM5	DSM 90TS OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0012649040	DSM 91BOC1218Z	EUR	90,3500	90,3500	90,1000			90,1000					
Certificate	NL0013148802	DSM 91BOC1219B	EUR	75,0500	75,1000	75,0500			75,1000					
Certificate	DE000VA7PWQ5	DSM 92TS 0319V	EUR	17,8450	17,8450	17,8450			17,8450					
Certificate	DE000VA7PWT9	DSM 92TS 1218V	EUR	17,7550	17,7550	17,7550			17,7550					
Certificate	NL0012795249	DSM 94BOC1218Z	EUR	74,8600	74,8600	74,1800			74,1800					
Certificate	DE000VA7PVE3	DSM 94TS 0319V	EUR	19,8450	19,8450	19,8450			19,8450					
Certificate	DE000VA3ZYF2	DSM 94TS 1218V	EUR	19,7550	19,7550	19,7550			19,7550					
Certificate	NL0012987267	DSM 96BOC0619B	EUR	74,2700	74,3200	74,2700			74,3200					
Certificate	DE000VA64074	DSM 96TS 0319V	EUR	21,8450	21,8450	21,8450			21,8450					
Certificate	DE000VA323C8	DSM 96TS 1218V	EUR	21,7550	21,7550	21,7550			21,7550					
Certificate	DE000VA64090	DSM 98TS 0319V	EUR	23,8450	23,8450	23,8450			23,8450					
Certificate	DE000VA4RMN6	DSM 98TS 1218V	EUR	23,7550	23,7550	23,7550			23,7550					
Certificate	DE000VA64058	DSM 100TS 0319V	EUR	25,8450	25,8450	25,8450			25,8450					
Certificate	DE000VA4RQB2	DSM 100TS 1218V	EUR	25,7550	25,7550	25,7550			25,7550					
Certificate	DE000CY52BD4	DSM 100TS OPENC	EUR	26,9900	26,9900	26,9900			26,9900					
Certificate	DE000CP06ZS5	DSM 100TS OPENC	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	DE000CY529W1	DSM 100TS OPENC	EUR	22,3100	22,3100	22,3100			22,3100					
Certificate	DE000CP060D8	DSM 100TS OPENC	EUR	25,7100	25,7100	25,7100			25,7100					
Certificate	DE000CP06458	DSM 100TS OPENC	EUR	29,4800	29,4800	29,4800			29,4800					
Certificate	DE000CP06WN3	DSM 100TS OPENC	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	DE000VA64066	DSM 102TS 0319V	EUR	27,8550	27,8550	27,8550			27,8550					
Certificate	DE000CQ58E47	DSM 110TS OPENC	EUR	34,4000	34,4000	34,4000			34,4000					
Certificate	DE000CQ58FC9	DSM 110TS OPENC	EUR	38,5300	38,5300	38,5300			38,5300					
Certificate	DE000CJ3N226	DSM 52.TL OPENZ	EUR	4,6750	4,6750	4,5350			4,5350					
Certificate	NL0012106058	DSM 56.BL OPENB	EUR	19,3050	19,3250	19,3050			19,3250					
Certificate	NL0012892392	DSM 120.TS OPENH	EUR	54,9300	55,3800	54,9300			55,3800					
Certificate	NL0009258938	DSM 17.6TL OPENB	EUR	58,4850	58,4850	58,4850			58,4850					
Certificate	NL0009459874	DSM 19.9TL OPENB	EUR	56,2850	56,2850	56,2850			56,2850					
Certificate	NL0010010534	DSM 23.2TL OPENB	EUR	53,2350	53,2350	53,2350			53,2350					
Certificate	NL0010175147	DSM 29.9TL OPENB	EUR	47,0250	47,0250	47,0250			47,0250					
Certificate	NL0010252292	DSM 33.1TL OPENB	EUR	43,9750	43,9750	43,9750			43,9750					
Certificate	NL0011721105	DSM 38.8TL OPENH	EUR	38,7000	38,7000	38,5000			38,5000					
Certificate	NL0011799317	DSM 43.6TL OPENB	EUR	34,2050	34,2250	34,2050			34,2250					
Certificate	NL0011818463	DSM 46.2TL OPENB	EUR	31,7750	31,7950	31,7750			31,7950					
Certificate	NL0011906433	DSM 48.8TL OPENB	EUR	29,3950	29,4150	29,3950			29,4150					
Certificate	NL0011908629	DSM 51.5TL OPENB	EUR	26,8850	26,9050	26,8850			26,9050					
Certificate	NL0011907449	DSM 51.8BL OPENB	EUR	23,4850	23,8900	23,4850	908225,0000	17	23,5050	38300				
Certificate	NL0012110787	DSM 56.6TL OPENB	EUR	22,1150	22,1350	22,1150			22,1350					
Certificate	NL0012120679	DSM 59.2TL OPENB	EUR	19,7450	19,7650	19,7450			19,7650					
Certificate	NL0012494215	DSM 64.3BL OPENB	EUR	10,9950	11,0500	10,9950	884,0000	1	11,0250	80				
Certificate	NL0012495899	DSM 64.3TL OPENB	EUR	14,9750	14,9950	14,9750			14,9950					
Certificate	NL0012499008	DSM 66.8TL OPENB	EUR	12,6350	12,6550	12,6350			12,6550					



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	NL0012502611	DSM 69.4TL OPENB	EUR	10,2250	10,2450	10,2250			10,2450					
Certificate	DE000CE6FQE5	DSM 71.4TL OPENZ	EUR	1,1950	1,1950	1,0550			1,0550					
Certificate	NL0012507982	DSM 71.9TL OPENB	EUR	7,8850	7,9050	7,8850			7,9050					
Certificate	NL0012538086	DSM 73.5TL OPENH	EUR											
Certificate	NL0013148273	DSM 74.4TL OPENB	EUR											
Certificate	NL0013162530	DSM 78.7TS OPENB	EUR	10,3450	10,3450	10,3050			10,3050					
Certificate	NL0013131881	DSM 81.4TS OPENH	EUR	13,2600	13,7000	13,2600			13,7000					
Certificate	NL0013007958	DSM 86.7TS OPENB	EUR	18,8450	18,8450	18,8050			18,8050					
Certificate	NL0013079312	DSM 87.7TS OPENH	EUR	20,0700	20,5200	20,0700	2052,0000	1	20,5200	100				
Certificate	NL0013005572	DSM 91.6TS OPENB	EUR	24,2150	24,7750	24,1750	1485,6000	1	24,1750	60				
Certificate	NL0012508733	DSM 96.5TS OPENB	EUR	29,5050	29,5050	29,4650			29,4650					
Certificate	DE000VA1GMQ8	DSM 97.3TS OPENV	EUR	19,4350	19,4350	19,4350			19,4350					
Certificate	NL0013003239	DSM 98.8B0C09198	EUR	72,2000	72,3000	72,2000			72,3000					
Certificate	DE000VA1GMR6	DSM 99.3TS OPENV	EUR	21,4050	21,4050	21,4050			21,4050					
Certificate	NL0012555791	DSM 100.1TS OPENH	EUR	33,4900	33,9400	33,4900			33,9400					
Certificate	DE000VAGEFY0	DSM 100.3TS OPENV	EUR	25,4150	25,4150	25,4150			25,4150					
Certificate	DE000VAGEF38	DSM 101.3TS OPENV	EUR	26,4150	26,4150	26,4150			26,4150					
Certificate	NL0012791040	DSM 101.4TS OPENB	EUR	34,7750	34,7750	34,7350			34,7350					
Certificate	DE000VAGEF87	DSM 102.3TS OPENV	EUR	27,4050	27,4050	27,4050			27,4050					
Certificate	DE000VAGTY87	DSM 105.3TS OPENV	EUR	30,3850	30,3850	30,3850			30,3850					
Certificate	DE000VA4YWS0	DSM 105.4TS OPENV	EUR	29,3750	29,3750	29,3750			29,3750					
Certificate	NL0012938260	DSM 107.9TS OPENH	EUR	41,9300	42,3800	41,9300			42,3800					
Certificate	NL0012901664	DSM 108.3TS OPENH	EUR	42,3400	42,7800	42,3400			42,7800					
Certificate	NL0012605604	DSM 108.6TS OPENH	EUR	42,6200	43,0600	42,6200			43,0600					
Certificate	NL0012615520	DSM 108.8TS OPENH	EUR	42,8800	43,3200	42,8800			43,3200					
Certificate	DE000CV88WR0	DSM 109.7TS OPENZ	EUR	6,9400	7,0900	6,9400			7,0900					
Certificate	NL0012903884	DSM 120.3TS OPENH	EUR	55,2800	55,7300	55,2800			55,7300					
Certificate	DE000CG2PNX8	DSM 17.44TL OPENC	EUR	62,9300	62,9300	62,9300			62,9300					
Certificate	NL0011039391	DSM 32.72TL OPENH	EUR	44,3500	44,3500	44,1500			44,1500					
Certificate	NL0011040142	DSM 34.85TL OPENH	EUR	42,3700	42,3700	42,1700			42,1700					
Certificate	NL0011655634	DSM 41.138L OPENB	EUR	34,1550	34,1750	34,1550			34,1750					
Certificate	NL0011713664	DSM 42.51TL OPENH	EUR	35,2400	35,2400	35,0400			35,0400					
Certificate	NL0011721097	DSM 44.02TL OPENH	EUR	33,8400	33,8400	33,6500			33,6500					
Certificate	NL0011721089	DSM 45.06TL OPENH	EUR	32,8700	32,8700	32,6800			32,6800					
Certificate	DE000CNGL4I7	DSM 46.82TL OPENZ	EUR	29,8500	29,8500	29,1400			29,1400					
Certificate	NL0011895842	DSM 47.98TL OPENH	EUR	30,1500	30,1500	29,9600			29,9600					
Certificate	NL0011893623	DSM 48.15TL OPENH	EUR	29,9900	29,9900	29,8000			29,8000					
Certificate	NL0011927769	DSM 52.12TL OPENH	EUR	26,3000	26,3000	26,1000			26,1000					
Certificate	DE000VN6VOH4	DSM 53.62TL OPENV	EUR	22,8750	22,8750	22,8750			22,8750					
Certificate	DE000CE6BDL7	DSM 53.97TL OPENZ	EUR	4,5850	4,5850	4,4350			4,4350					
Certificate	NL0012057491	DSM 56.19TL OPENH	EUR	22,5100	22,5100	22,3200			22,3200					
Certificate	NL0012093751	DSM 56.25TL OPENH	EUR	22,4600	22,4600	22,2700			22,2700					
Certificate	LU1477374323	DSM 56.75TCIOPENS	EUR	19,3600	19,3800	19,3600			19,3800					
Certificate	DE000CJ3P3T5	DSM 59.75TL 0319Z	EUR	3,1950	3,1950	3,0550			3,0550					
Certificate	NL0012121073	DSM 60.178L OPENB	EUR	15,1250	15,1450	15,1250			15,1450					
Certificate	NL0012208359	DSM 60.23TL OPENH	EUR	18,7600	18,7600	18,5600			18,5600					
Certificate	DE000CE6C8Q3	DSM 62.09TL OPENZ	EUR	2,6650	2,6650	2,5250			2,5250					
Certificate	DE000CE6EUM3	DSM 62.17TL OPENZ	EUR	2,9850	2,9850	2,8450			2,8450					
Certificate	DE000VL2FSR0	DSM 62.71TL OPENV	EUR	12,6150	12,6150	12,6150			12,6150					
Certificate	DE000CJ3QD48	DSM 64.25TL 0319Z	EUR	2,3050	2,3050	2,1650			2,1650					
Certificate	DE000VL2FT57	DSM 64.77TL OPENV	EUR	10,5750	10,5750	10,5750			10,5750					
Certificate	LU1612176625	DSM 66.11TCIOPENS	EUR	9,1300	9,1500	9,1300			9,1500					
Certificate	NL0012520407	DSM 66.29TL OPENH	EUR	13,1200	13,1200	12,9200			12,9200					
Certificate	NL0012497416	DSM 66.368L OPENB	EUR	8,9450	8,9650	8,9450			8,9650					
Certificate	DE000VL37FC5	DSM 66.73TL OPENV	EUR	11,8350	11,8350	11,8350			11,8350					
Certificate	DE000VL2FV87	DSM 66.79TL OPENV	EUR	8,5350	8,5350	8,5350			8,5350					
Certificate	DE000CE6EYM5	DSM 67.05TL OPENZ	EUR	1,6850	1,7100	1,5450	1695,0000	2	1,5450	1000				
Certificate	NL0012499990	DSM 68.428L OPENB	EUR	6,8850	6,9050	6,8850			6,9050					
Certificate	DE000VL37FD3	DSM 68.73TL OPENV	EUR	9,8850	9,8850	9,8850			9,8850					
Certificate	DE000VL2FXP4	DSM 68.88TL OPENV	EUR	6,4950	6,4950	6,4950			6,4950					
Certificate	LU1859834639	DSM 69.27TCIOPENS	EUR	5,8000	5,8200	5,8000			5,8200					
Certificate	NL0012526537	DSM 69.44TL OPENH	EUR	10,1800	10,1800	9,9900			9,9900					
Certificate	DE000CJ3P3U3	DSM 69.75TL 0319Z	EUR	1,2150	1,2150	1,0750			1,0750					
Certificate	NL0012502710	DSM 70.478L OPENB	EUR	4,8250	4,8450	4,8250			4,8450					
Certificate	DE000VL37FE1	DSM 70.73TL OPENV	EUR	7,9550	7,9550	7,9550			7,9550					
Certificate	DE000VL2FXR0	DSM 70.88TL OPENV	EUR	4,4650	4,4650	4,4650			4,4650					
Certificate	LU1859832344	DSM 71.22TCIOPENS	EUR	3,8600	3,8800	3,8600			3,8800					
Certificate	DE000VN9HEM0	DSM 71.46TL OPENV	EUR	3,4850	3,4850	3,4850			3,4850					
Certificate	DE000CE6FE22	DSM 72.03TL OPENZ	EUR	0,7050	0,7050	0,5650	6500,0000	2	0,5650	10000				
Certificate	NL0012507776	DSM 72.528L OPENB	EUR	2,7850	2,8800	2,2800	10435,0000	6	2,8050	4100				
Certificate	DE000VL37FF8	DSM 72.73TL OPENV	EUR	6,0850	6,0850	6,0850			6,0850					
Certificate	DE000VL37FG6	DSM 72.88TL OPENV	EUR	2,3900	3,0400	2,3850	1581,0000	4	2,5850	600				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA8FZM6	DSM 73.34TL OPENV	EUR											
Certificate	DE000VA90TV8	DSM 74.43TL OPENV	EUR											
Certificate	NL0013147226	DSM 74.48BL OPENB	EUR											
Certificate	DE000VA90Z21	DSM 75.45TL OPENV	EUR											
Certificate	NL0013191349	DSM 75.81TS OPENH	EUR	7,2500	7,6900	7,2500			7,6900					
Certificate	DE000VN9HEL2	DSM 75.89TS OPENV	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	NL0013160062	DSM 76.47BL OPENB	EUR											
Certificate	DE000VN9HB13	DSM 76.89TS OPENV	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	DE000VN9HB39	DSM 77.89TS OPENV	EUR	3,5850	3,5850	3,5850			3,5850					
Certificate	NL0013163298	DSM 78.35BS OPENB	EUR	4,1450	4,1450	4,1050	4140,0000	1	4,1050	1000				
Certificate	DE000VN9G9P7	DSM 78.89TS OPENV	EUR	4,5450	4,5450	4,5450			4,5450					
Certificate	DE000VN9G6Z7	DSM 79.89TS OPENV	EUR	5,5450	5,5450	5,5450			5,5450					
Certificate	DE000VA9CUS9	DSM 81.03TS OPENV	EUR	6,5350	6,5350	6,5350			6,5350					
Certificate	NL0013149503	DSM 81.34BS OPENB	EUR	7,1350	7,1350	7,0950			7,0950					
Certificate	DE000VA71079	DSM 82.13TS OPENV	EUR	7,5250	7,5250	7,5250			7,5250					
Certificate	DE000VA71087	DSM 83.13TS OPENV	EUR	8,5250	8,5250	8,5250			8,5250					
Certificate	DE000VA711A6	DSM 84.13TS OPENV	EUR	9,5250	9,5250	9,5250			9,5250					
Certificate	LU1859714492	DSM 84.16TPIOPENS	EUR	9,5400	9,5400	9,5200			9,5200					
Certificate	NL0013008980	DSM 84.32BS OPENB	EUR	10,1150	10,1150	10,0750			10,0750					
Certificate	DE000VA3TKX7	DSM 84.62TL OPENV	EUR											
Certificate	DE000VA7TFU4	DSM 85.17TS OPENV	EUR	10,5150	10,5150	10,5150			10,5150					
Certificate	DE000VA7TFV2	DSM 86.17TS OPENV	EUR	11,5150	11,5150	11,5150			11,5150					
Certificate	DE000VA7TFW0	DSM 87.17TS OPENV	EUR	12,5050	12,5050	12,5050			12,5050					
Certificate	NL0013007701	DSM 87.29BS OPENB	EUR	13,0950	13,0950	13,0550			13,0550					
Certificate	DE000VA7TEJ0	DSM 88.17TS OPENV	EUR	13,4950	13,4950	13,4950			13,4950					
Certificate	DE000VA7TDC7	DSM 89.17TS OPENV	EUR	14,4850	14,4850	14,4850			14,4850					
Certificate	DE000CI3N203	DSM 89.81TS OPENZ	EUR	2,9750	3,1150	2,9750			3,1150					
Certificate	DE000VA77AK6	DSM 90.17TS OPENV	EUR	15,4750	15,4750	15,4750			15,4750					
Certificate	NL0013005176	DSM 90.27BS OPENB	EUR	16,0650	16,0650	16,0250			16,0250					
Certificate	LU1840912247	DSM 90.39TPIOPENS	EUR	15,6200	15,6200	15,6000			15,6000					
Certificate	DE000VA77AL4	DSM 91.17TS OPENV	EUR	16,4750	16,4750	16,4750			16,4750					
Certificate	DE000VA77AM2	DSM 92.17TS OPENV	EUR	17,4650	17,4650	17,4650			17,4650					
Certificate	DE000VA7VPV34	DSM 93.17TS OPENV	EUR	18,4450	18,4450	18,4450			18,4450					
Certificate	NL0012933238	DSM 94.89TS OPENH	EUR	27,8300	28,2800	27,8300			28,2800					
Certificate	LU1790492950	DSM 96.25TPIOPENS	EUR	20,0600	20,0600	20,0400			20,0400					
Certificate	NL0012580773	DSM 96.34TS OPENH	EUR	29,4000	29,8500	29,4000			29,8500					
Certificate	NL0013000474	DSM 99.18BS OPENB	EUR	24,9850	24,9850	24,9450			24,9450					
Certificate	DE000VA6EGF7	DSM 99.27TS OPENV	EUR	24,4250	24,4250	24,4250			24,4250					
Certificate	DE000CV87SL3	DSM 99.76TS OPENZ	EUR	4,9550	5,0900	4,9550			5,0900					
Certificate	NL0012547087	DSM 99.81TS OPENH	EUR	33,1500	33,5900	33,1500			33,5900					
Certificate	DE000VA15PC3	DSM 99.83TS OPENV	EUR	23,3950	23,3950	23,3950			23,3950					
Certificate	NL0012686604	DTELK 12TL OPENB	EUR	3,9300	4,0200	3,9300			4,0200					
Certificate	DE000CX0K4E4	DTELK 12TL OPENC	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	DE000CX59CY5	DTELK 12TL OPENC	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	DE000CX0H922	DTELK 20TS OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CX0HAE5	DTELK 20TS OPENC	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	NL0010114997	DTELK 4.6TL OPENB	EUR	10,9200	10,9200	10,9200			10,9200					
Certificate	NL0010894572	DTELK 7.3TL OPENB	EUR	8,2900	8,3800	8,2900			8,3800					
Certificate	NL0010894580	DTELK 8.5TL OPENB	EUR	7,2000	7,2900	7,2000			7,2900					
Certificate	NL0012781629	DTELK 12.8TL OPENB	EUR	3,2100	3,3000	3,2100			3,3000					
Certificate	NL0013007842	DTELK 13.5TL OPENB	EUR	2,5600	2,6500	2,5600			2,6500					
Certificate	NL0013153711	DTELK 14.2TL OPENB	EUR	1,8400	1,9300	1,8400			1,9300					
Certificate	NL0013002967	DTELK 17.1TS OPENB	EUR	3,4700	3,4700	3,3800			3,3800					
Certificate	NL0013160740	DTELK 18.8TS OPENB	EUR	5,2800	5,2800	5,1900			5,1900					
Certificate	NL0011054242	DTELK 20.8TS OPENH	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000CV89YY0	DTELK 8.64TL OPENZ	EUR	6,4300	6,4500	6,4300			6,4500					
Certificate	NL0011054317	DTELK 9.63TL OPENH	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	DE000CR9RQP5	DTELK10.65TL OPENZ	EUR	4,4350	4,4500	4,4350			4,4500					
Certificate	NL0011054309	DTELK11.76TL OPENH	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	DE000CR9P2U2	DTELK12.16TL OPENZ	EUR	2,9250	2,9400	2,9250			2,9400					
Certificate	DE000CV89Y27	DTELK13.15TL OPENZ	EUR	1,9450	1,9600	1,9450			1,9600					
Certificate	NL0012531081	DTELK15.96TS OPENH	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0012054993	DTELK16.76TS OPENH	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	NL0011054259	DTELK17.13TS OPENH	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	NL0012245393	DTELK18.11TS OPENH	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	NL0012245153	DTELK20.03TS OPENH	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	NL0006471971	DXBRC 61TL OPENB	EUR	37,1200	37,1200	37,1200			37,1200					
Certificate	NL0009070507	DXBRC 180TL OPENB	EUR	26,0300	26,0300	26,0300			26,0300					
Certificate	NL0009072156	DXBRC 219TL OPENB	EUR	22,4500	22,4500	22,4500			22,4500					
Certificate	DE000CP235S4	EBAY 20TL OPENC	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	DE000CQ58ZV7	EBAY 20TL OPENC	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	DE000CQ58ZW5	EBAY 25TL OPENC	EUR	0,3500	0,3500	0,3500			0,3500					



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	DE000CP23T2	EBAY 25TL OPENC	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000CV8ACN2	EBAY 26TL 1218Z	EUR	0,5650	0,5950	0,5650			0,5950					
Certificate	DE000CJ3P5G7	EBAY 27TL 0319Z	EUR	0,4050	0,4350	0,4050			0,4350					
Certificate	DE000CY50YU4	EBAY 30TL OPENC	EUR											
Certificate	DE000CP23P54	EBAY 30TS OPENC	EUR	0,0800	0,0800	0,0800			0,0800					
Certificate	DE000CP23R45	EBAY 30TS OPENC	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000CY52FP9	EBAY 35TL OPENC	EUR											
Certificate	DE000CY52EA4	EBAY 35TL OPENC	EUR											
Certificate	DE000CY52N00	EBAY 35TL OPENC	EUR											
Certificate	DE000CP06726	EBAY 35TS OPENC	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000CY52JL0	EBAY 36TL OPENC	EUR											
Certificate	DE000CP067C5	EBAY 36TS OPENC	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CY525H0	EBAY 38TS OPENC	EUR											
Certificate	DE000CQ58TT4	EBAY 40TS OPENC	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CQ58HX1	EBAY 40TS OPENC	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CQ5A8V0	EBAY 45TS OPENC	EUR											
Certificate	DE000CQ5A602	EBAY 45TS OPENC	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CQ5A1H4	EBAY 48TS OPENC	EUR											
Certificate	NL0010132791	EBAY 52TL OPENB	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	DE000CJ3P5F9	EBAY 23.5TL 0319Z	EUR	1,0250	1,0550	1,0250			1,0550					
Certificate	DE000CJ3PE97	EBAY 25.2TL OPENZ	EUR	0,6850	0,7050	0,6850			0,7050					
Certificate	DE000CJ3QBJ5	EBAY 25.5TL 0319Z	EUR	0,6750	0,7050	0,6750			0,7050					
Certificate	NL0009796358	EBAY 32.2TL OPENB	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	NL0010117917	EBAY 41.8TL OPENB	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	DE000CJ3PG61	EBAY 17.29TL OPENZ	EUR	2,0650	2,1050	2,0650			2,1050					
Certificate	DE000CV89U35	EBAY 22.82TL OPENZ	EUR	1,0950	1,1250	1,0950			1,1250					
Certificate	DE000CJ3QNL6	EBAY 27.69TL OPENZ	EUR	0,2550	0,2750	0,2550			0,2750					
Certificate	NL0000116796	EBR6M STN0335N	EUR	111,1100	112,5000	111,1100	45000,0000	3	112,2800	40000				
Certificate	NL0000116994	EBR6M STN0520N	EUR											
Certificate	NL0000117216	EBR6M STN0620N	EUR											
Certificate	NL0000117547	EBR6M STN1020N	EUR											
Certificate	NL0000168789	EBRSP 0%DSP1121N	EUR											
Certificate	DE000CJ3PRW6	ECONB 2.4TL OPENZ	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	DE000CJ3PZK4	ECONB 2.6TL OPENZ	EUR	0,6200	0,6200	0,5050	2046,0000	2	0,5050	3300				
Certificate	DE000CV8A088	ECONB 1.52TL OPENZ	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000CV89V59	ECONB 1.74TL OPENZ	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	DE000CV89V67	ECONB 1.97TL OPENZ	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	DE000CV89V75	ECONB 2.19TL OPENZ	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	DE000CJ3QJB5	ECONB 2.79TL OPENZ	EUR	0,3350	0,3350	0,3350			0,3350					
Certificate	DE000CV883Y1	ECONB 2.94TL OPENZ	EUR											
Certificate	DE000CJ3QRK9	ECONB 3.04TL OPENZ	EUR											
Certificate	NL0012974067	EDF 11.3TL OPENB	EUR	3,1100	3,1100	3,0900			3,0900					
Certificate	NL0013158215	EDF 12.5TL OPENB	EUR	1,9600	1,9600	1,9400			1,9400					
Certificate	NL0013158587	EDF 13.5TL OPENB	EUR											
Certificate	NL0013157118	EDF 14.7TS OPENB	EUR	2,4100	2,4200	2,4100			2,4200					
Certificate	NL0012993521	EDF 16.7TS OPENB	EUR	4,5700	4,5800	4,5700			4,5800					
Certificate	NL0012997845	EDF 18.7TS OPENB	EUR	6,7400	6,7500	6,7400			6,7500					
Certificate	DE000CV8ANT6	EDF 11.92TL OPENZ	EUR	0,4200	0,4200	0,4000			0,4000					
Certificate	DE000CV50913	EDF 7.934TL OPENZ	EUR	1,4100	1,4100	1,3900			1,3900					
Certificate	DE000CV87Y33	EDF 9.934TL OPENZ	EUR	0,9200	0,9200	0,8900			0,8900					
Certificate	NL0000290393	EGYPTE CT OPENN	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000CJ3QY50	EIFAG49.28TL OPENZ	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000CN6G659	EIFAG57.28TL OPENZ	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	DE000CD648U8	EIFAG64.26TL OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CE6CHT9	EIFAG72.19TL OPENZ	EUR	0,1850	0,1850	0,1850			0,1850					
Certificate	DE000CE6ECA6	EIFAG81.08TL OPENZ	EUR											
Certificate	DE000CY52JK2	ELECT 105TL OPENC	EUR											
Certificate	DE000CQ58TQ0	ELECT 140TS OPENC	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	DE000CQ5A8T4	ELECT 140TS OPENC	EUR											
Certificate	DE000CQ58TR8	ELECT 150TS OPENC	EUR											
Certificate	DE000CJ3QVM7	ELECT56.91TL OPENZ	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	DE000CJ3PG79	ELECT66.94TL OPENZ	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	DE000CV898D3	ELIAS 52.1TL OPENZ	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	NL0013153372	ELIAS 67.5TS OPENB	EUR	1,2800	1,2800	1,2700	5120,0000	2	1,2700	4000				
Certificate	DE000CR9Q914	ELIAS30.88TL OPENZ	EUR	1,5450	1,5450	1,5450			1,5450					
Certificate	DE000CR9Q922	ELIAS33.94TL OPENZ	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	DE000CR9Q930	ELIAS36.88TL OPENZ	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	DE000CR9SF25	ELIAS40.02TL OPENZ	EUR	1,1150	1,1150	1,1150			1,1150					
Certificate	DE000CN6K6T2	ELIAS43.66TL OPENZ	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	NL0013149297	ELIAS47.52TL OPENB	EUR	1,6300	1,6300	1,6200			1,6200					
Certificate	DE000CV87M29	ELIAS47.87TL OPENZ	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	NL0013149305	ELIAS50.02TL OPENB	EUR	1,3900	1,3900	1,3800			1,3800					



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	NL0013149313	ELIAS52.52TL OPENB	EUR	1,1600	1,1600	1,1500			1,1500					
Certificate	NL0013158223	ELIAS55.02TL OPENB	EUR	0,9300	0,9300	0,9200			0,9200					
Certificate	NL0013161128	ELIAS57.52TL OPENB	EUR	0,7000	0,7000	0,6900			0,6900					
Certificate	NL0013149362	ELIAS62.45TS OPENB	EUR											
Certificate	DE000CV8BDG2	ELUXB121.7TL OPENZ	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	DE000CV8BEN5	ELUXB141.9TL OPENZ	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	DE000CJ3PRB0	ELUXB161.8TL OPENZ	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	DE000CJ3PKF9	ELUXB181.7TL OPENZ	EUR	0,1550	0,1550	0,1550			0,1550					
Certificate	DE000CV8AUF0	ENEL 2.934TL OPENZ	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000CE6CB02	ENEL 3.438TL OPENZ	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CE6CC19	ENEL 3.935TL OPENZ	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CJ3QE54	ENEL 4.337TL OPENZ	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0010254967	ENGIE 8TL OPENB	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	NL0010254223	ENGIE 4.7TL OPENB	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	NL0010115721	ENGIE 5.8TL OPENB	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	NL0009873744	ENGIE 8.1TL OPENB	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	NL0012109656	ENGIE 9.6TL OPENB	EUR	3,2700	3,5800	3,2700			3,5800					
Certificate	NL0012093777	ENGIE 9.6TL OPENH	EUR	3,0600	3,3300	3,0600			3,3300					
Certificate	NL0012259568	ENGIE 11.2TL OPENB	EUR	1,8000	2,1100	1,8000			2,1100					
Certificate	NL0013128317	ENGIE 11.6TL OPENH	EUR	1,2000	1,4600	1,2000			1,4600					
Certificate	NL0013150188	ENGIE 11.8TL OPENB	EUR	1,3300	1,6400	1,3300			1,6400					
Certificate	NL0013158595	ENGIE 12.3TL OPENB	EUR											
Certificate	NL0013164577	ENGIE 12.6TS OPENB	EUR	2,0100	2,0100	1,6800	2003,1900	2	1,7100	1131				
Certificate	NL0012986749	ENGIE 13.6TS OPENB	EUR	3,1800	3,1800	2,8800			2,8800					
Certificate	NL0012796601	ENGIE 14.3B0C1219Z	EUR	12,4000	12,4700	12,4000			12,4700					
Certificate	NL0011252085	ENGIE 15.6TS OPENB	EUR	5,4000	5,4000	5,1000			5,1000					
Certificate	DE000CJ3NPU9	ENGIE 7.39TL OPENZ	EUR	4,7850	4,8700	4,7850			4,8700					
Certificate	NL0011226360	ENGIE 7.43TL OPENH	EUR	5,0700	5,3400	5,0700			5,3400					
Certificate	NL0011226352	ENGIE 9.56TL OPENH	EUR	3,1000	3,3700	3,1000			3,3700					
Certificate	NL0012998520	ENGIE 9.95BL OPENB	EUR	2,1650	2,4650	2,1650			2,4650					
Certificate	DE000CE6BV74	ENGIE10.89TL OPENZ	EUR	1,2950	1,3800	1,2950			1,3800					
Certificate	NL0012998538	ENGIE10.96BL OPENB	EUR	1,1550	1,4550	1,1550			1,4550					
Certificate	NL0012201743	ENGIE11.09TL OPENH	EUR	1,6700	1,9400	1,6700			1,9400					
Certificate	DE000CJ3P1V5	ENGIE11.79TL OPENZ	EUR											
Certificate	NL0013149883	ENGIE11.96BL OPENB	EUR											
Certificate	NL0012998553	ENGIE13.02BS OPENB	EUR	1,1750	1,1750	0,8650			0,8650					
Certificate	NL0012894638	ENGIE13.06TS OPENH	EUR	2,1400	2,1400	1,9300			1,9300					
Certificate	NL0012938104	ENGIE13.16TS OPENH	EUR	2,2500	2,2500	2,0400			2,0400					
Certificate	DE000CV89K29	ENGIE14.03TS OPENZ	EUR	1,9250	1,9250	1,8500			1,8500					
Certificate	NL0011888185	ENGIE14.15TS OPENH	EUR	3,3200	3,3200	3,1100			3,1100					
Certificate	NL0011728704	ENGIE14.52TS OPENH	EUR	3,7300	3,7300	3,5100			3,5100					
Certificate	NL0012998561	ENGIE15.01BS OPENB	EUR	3,1650	3,1650	2,8550			2,8550					
Certificate	NL0011226311	ENGIE15.49TS OPENH	EUR	4,7700	4,7700	4,5500			4,5500					
Certificate	DE000CE6EQZ3	ENGIE16.02TS OPENZ	EUR	3,9150	3,9150	3,8300			3,8300					
Certificate	NL0012933246	ENGIE17.64TS OPENH	EUR	7,0900	7,0900	6,8800			6,8800					
Certificate	DE000CN6KX15	ENGIE8.893TL OPENZ	EUR	3,2850	3,3700	3,2850			3,3700					
Certificate	DE000CR9SK10	ENGIE9.897TL OPENZ	EUR	2,2850	2,3700	2,2850			2,3700					
Certificate	DE000CE6CB10	ENI 11.39TL OPENZ	EUR	2,6600	2,6650	2,6600			2,6650					
Certificate	DE000CV87FP1	ENI 12.38TL OPENZ	EUR	1,6700	1,6850	1,6700			1,6850					
Certificate	DE000CJ3PHT3	ENI 9.881TL OPENZ	EUR	4,1600	4,1650	4,1600			4,1650					
Certificate	NL0012268510	EON 7TL OPENB	EUR	2,3650	2,5550	2,3650			2,5550					
Certificate	NL0012774012	EON 8TL OPENB	EUR	1,4250	1,6150	1,4250			1,6150					
Certificate	NL0011979281	EON 4.4TL OPENH	EUR	0,4800	0,4900	0,4800			0,4900					
Certificate	NL0011974951	EON 5.3TL OPENH	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	NL0011995386	EON 5.6TL OPENH	EUR	0,3600	0,3700	0,3600			0,3700					
Certificate	NL0012049308	EON 5.9TL OPENH	EUR	0,3300	0,3400	0,3300			0,3400					
Certificate	NL0012053359	EON 6.1TL OPENH	EUR	0,3100	0,3300	0,3100			0,3300					
Certificate	NL0011996061	EON 6.2TL OPENH	EUR											
Certificate	NL0012053854	EON 6.3TL OPENH	EUR	0,2900	0,3100	0,2900			0,3100					
Certificate	NL0012242614	EON 6.6TL OPENH	EUR	0,2700	0,2800	0,2700			0,2800					
Certificate	NL0012211981	EON 6.7TL OPENH	EUR	0,2600	0,2700	0,2600			0,2700					
Certificate	NL0012244933	EON 6.9TL OPENH	EUR	0,2400	0,2600	0,2400			0,2600					
Certificate	NL0012306823	EON 7.3TL OPENH	EUR	0,2000	0,2200	0,2000			0,2200					
Certificate	NL0012308514	EON 7.5TL OPENH	EUR	0,1800	0,2000	0,1800			0,2000					
Certificate	NL0012310908	EON 7.6TL OPENH	EUR	0,1700	0,1900	0,1700			0,1900					
Certificate	NL0013007198	EON 7.8TL OPENB	EUR	1,6150	1,8050	1,6150			1,8050					
Certificate	NL0011733563	EON 7.8TL OPENH	EUR											
Certificate	NL0012591754	EON 7.9TL OPENH	EUR	0,1500	0,1600	0,1500			0,1600					
Certificate	NL0012591747	EON 8.1TL OPENH	EUR	0,1300	0,1400	0,1300			0,1400					
Certificate	NL0013153729	EON 8.4TL OPENB	EUR	0,9750	1,1650	0,9750			1,1650					
Certificate	NL0013185143	EON 8.8TL OPENH	EUR											
Certificate	NL0012894232	EON 9.4TS OPENH	EUR	0,1400	0,1400	0,1200			0,1200					



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	NL0012510408	EON 9.9TS OPENB	EUR	1,9850	1,9850	1,7850			1,7850					
Certificate	NL0012902282	EON 9.9TS OPENH	EUR	0,1900	0,1900	0,1800			0,1800					
Certificate	NL0012311567	EON 10.4TS OPENH	EUR	0,2500	0,2500	0,2400			0,2400					
Certificate	NL0012538680	EON 11.1TS OPENH	EUR	0,3200	0,3200	0,3000			0,3000					
Certificate	NL0012538375	EON 11.5TS OPENH	EUR	0,3700	0,3700	0,3500			0,3500					
Certificate	NL0012509228	EON 12.1TS OPENB	EUR	4,2850	4,2850	4,0850			4,0850					
Certificate	DE000CE6CX55	EON 6.098TL OPENZ	EUR	2,6950	2,8500	2,6950			2,8500					
Certificate	DE000CE6CXP4	EON 6.795TL OPENZ	EUR	1,9950	2,1500	1,9950			2,1500					
Certificate	DE000CE6DFI2	EON 7.489TL OPENZ	EUR	1,3050	1,4600	1,3050			1,4600					
Certificate	DE000CJ3PZ68	EON 8.283TL OPENZ	EUR	0,5250	0,6800	0,5250			0,6800					
Certificate	DE000CJ3PSC6	EQNR 142.2TL OPENZ	EUR	1,2600	1,2600	1,2400			1,2400					
Certificate	DE000CV8AUP9	EQNR 167.2TL OPENZ	EUR	0,7700	0,7700	0,7400			0,7400					
Certificate	DE000CV8AUQ7	EQNR 188.3TL OPENZ	EUR	0,3500	0,3500	0,3300			0,3300					
Certificate	NL0012932388	ERICS106.7TS OPENH	EUR	3,7900	3,7900	3,7500			3,7500					
Certificate	NL0012432082	ERICS23.78TL OPENH	EUR	5,6100	5,7000	5,6100			5,7000					
Certificate	NL0011600705	ERICS32.42TL OPENH	EUR	4,8500	4,9300	4,8500			4,9300					
Certificate	DE000CE6EHY5	ERICS37.81TL OPENZ	EUR	4,0900	4,1250	4,0900			4,1250					
Certificate	NL0011989363	ERICS39.69TL OPENH	EUR	4,2100	4,2900	4,2100			4,2900					
Certificate	NL0011989355	ERICS41.76TL OPENH	EUR	4,0300	4,1100	4,0300			4,1100					
Certificate	DE000CE6DZM4	ERICS42.92TL OPENZ	EUR	3,6000	3,6350	3,6000			3,6350					
Certificate	NL0012520415	ERICS44.04TL OPENH	EUR	3,8300	3,9100	3,8300			3,9100					
Certificate	NL0012540488	ERICS47.84TL OPENH	EUR	3,4900	3,5700	3,4900			3,5700					
Certificate	DE000CE6F5P8	ERICS48.94TL OPENZ	EUR	3,0200	3,0450	3,0200			3,0450					
Certificate	NL0012606214	ERICS50.83TL OPENH	EUR	3,2300	3,3100	3,2300			3,3100					
Certificate	DE000CV88G18	ERICS58.89TL OPENZ	EUR	2,0600	2,0850	2,0600			2,0850					
Certificate	NL0012608558	ERICS60.08TL OPENH	EUR	2,4100	2,4900	2,4100			2,4900					
Certificate	NL0012930747	ERICS68.12TL OPENH	EUR	1,7100	1,7800	1,7100			1,7800					
Certificate	DE000CV8A2V0	ERICS68.86TL OPENZ	EUR	1,1000	1,1150	1,1000			1,1150					
Certificate	NL0013188196	ERICS80.02TS OPENH	EUR											
Certificate	NL0012608541	ERICS94.01TS OPENH	EUR	2,4200	2,4200	2,3700			2,3700					
Certificate	DE000CE6CFY3	Esc1 LEVOPENZ	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	DE000CE6CFW7	Esc1 LEVOPENZ	EUR	9,9350	9,9350	9,9350			9,9350					
Certificate	DE000CE6CFX5	Esc1 LEVOPENZ	EUR	10,4700	10,4700	10,4700			10,4700					
Certificate	DE000CE6CG07	Esc1 SHROPENZ	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CE6CFZ0	Esc1 SHROPENZ	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	NL0012696140	ESILO 131TS OPENB	EUR	31,7300	31,7300	31,5300			31,5300					
Certificate	DE000CV4YYI2	ESILO104.4TL OPENZ	EUR	0,3200	0,3200	0,2700			0,2700					
Certificate	NL0012979348	ESILO141.2TS OPENB	EUR	42,6800	42,6800	42,4800			42,4800					
Certificate	NL0009865906	ESILO47.09TL OPENB	EUR	6,5850	6,6050	6,5850			6,6050					
Certificate	DE000CJ3Q6K2	ESILO72.33TL OPENZ	EUR	1,9100	1,9100	1,8700			1,8700					
Certificate	DE000CV50921	ESILO82.39TL OPENZ	EUR	1,4100	1,4100	1,3600			1,3600					
Certificate	NL0010913299	ESILO87.46TL OPENB	EUR	28,3100	28,5600	28,3100			28,5600					
Certificate	DE000CV4YXH9	ESILO92.43TL OPENZ	EUR	0,9100	0,9100	0,8600			0,8600					
Certificate	XS0695424175	ESTX ILC1121G	EUR	131,3000	132,4900	131,3000			132,4900					
Certificate	FR0013090727	ESTX PI 0126M	EUR											
Certificate	FR0012239325	ESTX PI 1020M	EUR	101299,0000	101299,0000	101299,0000			101299,0000					
Certificate	DE0006075302	ESTX PI OPENN	EUR	28,1000	28,1000	28,1000			28,1000					
Certificate	DE0005437453	ESTX PI OPENN	EUR	30,3700	30,3700	30,3700			30,3700					
Certificate	CH0025954865	ESTX PI OPENU	EUR											
Certificate	XS1346712893	ESTX STN0119B	EUR	105,4000	105,4000	105,4000			105,4000					
Certificate	XS1237165821	ESTX STN0124K	EUR											
Certificate	XS1185155105	ESTX STN0220B	EUR	103,8000	104,5500	103,8000			104,5500					
Certificate	DE000UBS3VL8	ESTX STN0220U	EUR											
Certificate	XS1194403868	ESTX STN0320B	EUR	96,7000	97,9000	96,7000			97,9000					
Certificate	NL0011218649	ESTX STN0320V	EUR											
Certificate	XS1760093739	ESTX STN0323B	EUR	99,6500	100,5500	99,6500			100,5500					
Certificate	XS1561115541	ESTX STN0323H	EUR	98,0400	98,0400	98,0400			98,0400					
Certificate	NL0012249148	ESTX STN0323V	EUR	96,3000	97,7000	96,3000			97,7000					
Certificate	NL0011218706	ESTX STN0324V	EUR											
Certificate	DE000UBS5VL3	ESTX STN0421U	EUR											
Certificate	FR0013139227	ESTX STN0423K	EUR											
Certificate	DE000UBS7VL9	ESTX STN0522U	EUR											
Certificate	NL0012247753	ESTX STN0522V	EUR	98,6000	99,5000	98,6000			99,5000					
Certificate	XS1193877286	ESTX STN0523K	EUR											
Certificate	XS1000998887	ESTX STN0620K	EUR											
Certificate	NL0011218862	ESTX STN0621V	EUR											
Certificate	NL0011218854	ESTX STN0622V	EUR											
Certificate	XS1832550534	ESTX STN0623B	EUR	90,0000	91,0000	90,0000			91,0000					
Certificate	NL0011218847	ESTX STN0623V	EUR											
Certificate	NL0012250401	ESTX STN0623V	EUR											
Certificate	XS1261825209	ESTX STN0720B	EUR	90,9500	92,0500	90,9500			92,0500					
Certificate	NL0012248066	ESTX STN0721V	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	XS1193715031	ESTX STN0722K	EUR											
Certificate	NL0011218045	ESTX STN0722V	EUR											
Certificate	XS1688382123	ESTX STN0920B	EUR	87,6500	88,6000	87,6500			88,6000					
Certificate	XS1289114990	ESTX STN0924K	EUR											
Certificate	NL0011218342	ESTX STN1019V	EUR	98,8500	99,1000	98,8500			99,1000					
Certificate	XS1120476467	ESTX STN1119B	EUR	101,7500	102,5500	101,7500			102,5500					
Certificate	XS1093363197	ESTX STN1119K	EUR											
Certificate	DE000UB54VL6	ESTX STN1120U	EUR											
Certificate	NL0010871810	ESTX STN1120V	EUR											
Certificate	XS1891280452	ESTX STN1121B	EUR	97,8000	98,4500	97,8000	39220,0000	1	98,4500	40000				
Certificate	NL0011219324	ESTX STN1121V	EUR											
Certificate	DE000UB58VL7	ESTX STN1122U	EUR											
Certificate	DE000UB59VL5	ESTX STN1122U	EUR	88,4500	88,4500	88,4500			88,4500					
Certificate	XS0708791404	ESTX STN1218K	EUR	147,1600	147,1600	147,1600	147160,0000	1	147,1600	100000				
Certificate	NL0012249643	ESTX 4STN0623V	EUR	94,3500	95,3500	94,3500			95,3500					
Certificate	NL0012249635	ESTX 9STN0523V	EUR											
Certificate	XS1573878474	ESTX 9STN0722H	EUR	93,9500	93,9500	93,9500			93,9500					
Certificate	NL0012236400	ESTX 388ON0619Z	EUR	33,3400	33,4500	33,3400			33,4500					
Certificate	NL0012236129	ESTX 100TW1218Z	EUR	114,7400	115,7700	114,7400			115,7700					
Certificate	NL0006471989	ESTX 810TL OPENB	EUR	22,7350	22,7350	22,7350			22,7350					
Certificate	NL0006467466	ESTX 1020TL OPENB	EUR	20,6750	20,6750	20,6750			20,6750					
Certificate	NL0009069921	ESTX 1250TL OPENB	EUR	18,4750	18,4750	18,4750			18,4750					
Certificate	NL000998277	ESTX 1580TL OPENB	EUR	15,1950	15,1950	15,1950			15,1950					
Certificate	NL0011595590	ESTX 1769TRLOPENH	EUR	12,8300	12,8300	12,8300			12,8300					
Certificate	NL0011596424	ESTX 1780TL OPENH	EUR	13,2200	13,2200	13,2200			13,2200					
Certificate	DE000CX00542	ESTX 1903TL OPENC	EUR	13,1400	13,1400	13,1400			13,1400					
Certificate	NL0010131686	ESTX 1930TL OPENB	EUR	11,8450	11,8450	11,8450			11,8450					
Certificate	DE000CN6JFW1	ESTX 2000TL OPENZ	EUR	10,7850	10,7850	10,7850			10,7850					
Certificate	NL0010134128	ESTX 2030TL OPENB	EUR	10,8550	10,8550	10,8550			10,8550					
Certificate	NL0011602073	ESTX 2040TL OPENH	EUR	10,7400	10,7400	10,7400			10,7400					
Certificate	NL0011600499	ESTX 2080TL OPENH	EUR	10,3200	10,3200	10,3200			10,3200					
Certificate	NL0010890109	ESTX 2110TL OPENB	EUR	10,0950	10,0950	10,0950			10,0950					
Certificate	DE000CN6JQD8	ESTX 2110TL OPENZ	EUR	9,4400	9,4400	9,4400			9,4400					
Certificate	NL0010253605	ESTX 2140TL OPENB	EUR	9,7550	9,7550	9,7550			9,7550					
Certificate	DE000CT9JA76	ESTX 2145TL OPENC	EUR	10,5900	10,5900	10,5900			10,5900					
Certificate	NL0011600812	ESTX 2153TRLOPENH	EUR	8,9900	8,9900	8,9900			8,9900					
Certificate	NL0011596390	ESTX 2160TL OPENH	EUR	9,5600	9,5600	9,5600			9,5600					
Certificate	DE000CN6JQC0	ESTX 2161TL OPENZ	EUR	8,9250	8,9250	8,9250			8,9250					
Certificate	NL0011596382	ESTX 2200TL OPENH	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	NL0011595582	ESTX 2200TRLOPENH	EUR	8,5100	8,5100	8,5100			8,5100					
Certificate	DE000C22FL97	ESTX 2206TL OPENZ	EUR	8,7550	8,7550	8,7550			8,7550					
Certificate	NL0011035787	ESTX 2250TL OPENH	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	NL0011646815	ESTX 2282BL OPENB	EUR	7,9150	7,9150	7,9150			7,9150					
Certificate	NL0011595574	ESTX 2288TRLOPENH	EUR	7,6400	7,6400	7,6400			7,6400					
Certificate	NL0011602065	ESTX 2290TL OPENH	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	NL0011602057	ESTX 2310TL OPENH	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	DE000CN6HNB3	ESTX 2317TL OPENZ	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	DE000C27DLC8	ESTX 2317TL OPENZ	EUR	7,6550	7,6550	7,6550			7,6550					
Certificate	NL0010890125	ESTX 2320TL OPENB	EUR	8,0550	8,0550	8,0550			8,0550					
Certificate	NL0011602040	ESTX 2330TL OPENH	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	NL0011594882	ESTX 2330TRLOPENH	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	NL0011035779	ESTX 2360TL OPENH	EUR	7,6400	7,6400	7,6400			7,6400					
Certificate	NL0011054077	ESTX 2386TRLOPENH	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	NL0011600390	ESTX 2400TL OPENH	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	NL0011596374	ESTX 2410TL OPENH	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	NL0011601653	ESTX 2410TRLOPENH	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	DE000CX0J725	ESTX 2412TL OPENC	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	DE000CX0H6K1	ESTX 2418TL OPENC	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	NL0010890133	ESTX 2430TL OPENB	EUR	6,9750	6,9750	6,9750			6,9750					
Certificate	NL0011600804	ESTX 2433TRLOPENH	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	NL0011600382	ESTX 2440TL OPENH	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	NL0011594874	ESTX 2460TRLOPENH	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	NL0011035761	ESTX 2470TL OPENH	EUR	6,5900	6,5900	6,5900			6,5900					
Certificate	DE000CR4JJQ6	ESTX 2471TL OPENZ	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	NL0011602669	ESTX 2500TL OPENH	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	NL0011594866	ESTX 2504TRLOPENH	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	DE000CX0IY53	ESTX 2515TL OPENC	EUR	6,9800	6,9800	6,9800			6,9800					
Certificate	NL0011602651	ESTX 2520TL OPENH	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	DE000CX0JXJ2	ESTX 2522TL OPENC	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	DE000CV50517	ESTX 2526TL OPENZ	EUR	5,2850	5,2850	5,2850			5,2850					
Certificate	DE000C27DLD6	ESTX 2531TL OPENZ	EUR	5,5350	5,5350	5,5350			5,5350					
Certificate	NL0011900279	ESTX 2540TL OPENB	EUR	5,9250	5,9250	5,9250			5,9250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011603121	ESTX 2540TL OPENH	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	NL0011594858	ESTX 2546TRLOPENH	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	NL0011891957	ESTX 2560TL OPENH	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	DE000CR1J4W0	ESTX 2577TL OPENZ	EUR	4,7750	4,7750	4,7750			4,7750					
Certificate	NL0011891940	ESTX 2580TL OPENH	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000CX01WK4	ESTX 2581TL OPENC	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	NL0011602735	ESTX 2582TRLOPENH	EUR	4,7600	4,7600	4,6900	309,4000	1	4,6900	65				
Certificate	DE000CX01WC1	ESTX 2587TL OPENC	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	NL0011891932	ESTX 2600TL OPENH	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	NL0011602727	ESTX 2604TRLOPENH	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	NL0011603600	ESTX 2624TRLOPENH	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	DE000CN6JSD4	ESTX 2629TL OPENZ	EUR	4,2550	4,2550	4,2550			4,2550					
Certificate	NL0011892781	ESTX 2630TL OPENH	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	NL0011907100	ESTX 2640TL OPENB	EUR	4,9050	4,9050	4,9050			4,9050					
Certificate	NL0011896428	ESTX 2650TL OPENH	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	NL0011891775	ESTX 2651TRLOPENH	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	NL0011926605	ESTX 2670TL OPENH	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	NL0011891767	ESTX 2672TRLOPENH	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	DE000CD61SE1	ESTX 2680TL OPENZ	EUR	3,7450	3,7450	3,7450			3,7450					
Certificate	NL0011926597	ESTX 2690TL OPENH	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	NL0011892575	ESTX 2693TRLOPENH	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	NL0011926589	ESTX 2710TL OPENH	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	NL0011931076	ESTX 2728TRLOPENH	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	NL0011927546	ESTX 2730TL OPENH	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000CD61U21	ESTX 2731TL OPENZ	EUR	3,2350	3,2350	3,2350			3,2350					
Certificate	DE000CD61T81	ESTX 2737TL OPENZ	EUR	3,5050	3,5050	3,5050			3,5050					
Certificate	NL0011896733	ESTX 2738TRLOPENH	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	NL0011927538	ESTX 2750TL OPENH	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	NL0011926324	ESTX 2757TRLOPENH	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	NL0011907951	ESTX 2765BL OPENB	EUR	3,2100	3,2100	3,0950	11556,0000	2	3,0950	3600				
Certificate	NL0011927520	ESTX 2770TL OPENH	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	NL0011926316	ESTX 2778TRLOPENH	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CD626G3	ESTX 2783TL OPENZ	EUR	2,7250	2,7250	2,7250			2,7250					
Certificate	DE000CX59C56	ESTX 2785TL OPENC	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	DE000CX0KZ56	ESTX 2790TL OPENC	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	NL0011975586	ESTX 2800TL OPENH	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	NL0011927330	ESTX 2800TRLOPENH	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000VN9HCW3	ESTX 2812TL OPENV	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	NL0011927322	ESTX 2820TRLOPENH	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000CD626H1	ESTX 2834TL OPENZ	EUR	2,2400	2,2400	2,2150	799,6800	1	2,2150	357				
Certificate	NL0011927314	ESTX 2842TRLOPENH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CX018B0	ESTX 2845TL OPENC	EUR											
Certificate	DE000CX018S4	ESTX 2853TL OPENC	EUR											
Certificate	DE000VA8F4H4	ESTX 2861TL OPENV	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	NL0012036933	ESTX 2870TL OPENB	EUR	2,7250	2,7250	2,7250			2,7250					
Certificate	NL0013163892	ESTX 2873BL OPENB	EUR	1,9350	1,9350	1,9350			1,9350					
Certificate	NL0011935069	ESTX 2875TRLOPENH	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000CD62JX8	ESTX 2884TL OPENZ	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	DE000CX59C64	ESTX 2887TL OPENC	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	NL0012048946	ESTX 2890TL OPENH	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CX59M21	ESTX 2892TL OPENC	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000VA8FXX8	ESTX 2908TL OPENV	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	NL0012038608	ESTX 2924BL OPENB	EUR	1,4400	1,5050	1,4350	1152,0000	1	1,5050	800				
Certificate	DE000CD63M60	ESTX 2938TL OPENZ	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	NL0012049662	ESTX 2940TL OPENH	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CD63N69	ESTX 2944TL OPENZ	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	NL0012049266	ESTX 2957TRLOPENH	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	NL0012039697	ESTX 2970TL OPENB	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	DE000CD63YM8	ESTX 2988TL OPENZ	EUR											
Certificate	DE000CX59W29	ESTX 2990TL OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	NL0012050926	ESTX 2990TL OPENH	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000VL9VV80	ESTX 2991TL OPENV	EUR	1,1650	1,1650	1,1650			1,1650					
Certificate	NL0013008212	ESTX 3009BL OPENB	EUR											
Certificate	DE000VL9VVC8	ESTX 3016TL OPENV	EUR	0,8500	1,2050	0,7800	3318,5000	11	0,9150	3400				
Certificate	DE000CD63YN6	ESTX 3038TL OPENZ	EUR											
Certificate	DE000VL9VVD6	ESTX 3041TL OPENV	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	NL0012050918	ESTX 3050TL OPENH	EUR											
Certificate	NL0013191208	ESTX 3050TRLOPENH	EUR											
Certificate	DE000VL9VVE4	ESTX 3066TL OPENV	EUR											
Certificate	NL0012050793	ESTX 3071TRLOPENH	EUR											
Certificate	NL0012100192	ESTX 3080BL OPENB	EUR											
Certificate	NL0012101430	ESTX 3080TL 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	DE000VA87GR9	ESTX 3085TL OPENV	EUR											
Certificate	DE000CX59Z75	ESTX 3091TL OPENC	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000VL9VVF1	ESTX 3091TL OPENV	EUR											
Certificate	DE000CX59Y84	ESTX 3092TL OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CJ3QX51	ESTX 3103TS OPENZ	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	NL0013127145	ESTX 3110TL OPENH	EUR											
Certificate	NL0013165228	ESTX 3110TS OPENB	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	DE000VA90ZJO	ESTX 3113TL OPENV	EUR											
Certificate	DE000VA90WQ2	ESTX 3114TL OPENV	EUR											
Certificate	DE000VL9VVG9	ESTX 3116TL OPENV	EUR											
Certificate	DE000VN9HFX4	ESTX 3125TS OPENV	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	NL0013159890	ESTX 3131BL OPENB	EUR											
Certificate	DE000VN9G510	ESTX 3137TL OPENV	EUR											
Certificate	DE000CJ3QP36	ESTX 3145TL OPENZ	EUR											
Certificate	NL0013190218	ESTX 3149TRSOPENH	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	NL0013187826	ESTX 3150TRLOPENH	EUR											
Certificate	DE000VN9HCU7	ESTX 3150TS OPENV	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000VNGV7G1	ESTX 3160TL OPENV	EUR											
Certificate	NL0013164734	ESTX 3161BS OPENB	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	DE000CJ3QUT4	ESTX 3164TS OPENZ	EUR	1,3300	1,3300	0,9000	239,7300	5	1,2050	234				
Certificate	DE000VN9HAP1	ESTX 3175TS OPENV	EUR	1,0000	1,2850	1,0000	50,0000	1	1,2850	50				
Certificate	NL0013189335	ESTX 3199TRSOPENH	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	NL0013110588	ESTX 3200BON0619Z	EUR	31,1600	31,1600	31,1600			31,1600					
Certificate	NL0013110620	ESTX 3200BON1219Z	EUR	31,1800	31,1900	31,1800			31,1900					
Certificate	NL0012795462	ESTX 3200DI50619Z	EUR	29,0400	29,1000	29,0400			29,1000					
Certificate	NL0013187818	ESTX 3200TRLOPENH	EUR											
Certificate	NL0013190549	ESTX 3200TS OPENH	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000VN9HAT3	ESTX 3200TS OPENV	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	DE000VA9C5C4	ESTX 3206TS OPENV	EUR											
Certificate	NL0013163843	ESTX 3210TS OPENB	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	DE000VNG6783	ESTX 3225TS OPENV	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	NL0013110604	ESTX 3250BON0919Z	EUR	31,1600	31,1900	31,1600			31,1900					
Certificate	DE000VA9C5E0	ESTX 3256TS OPENV	EUR	2,0250	2,0250	2,0250			2,0250					
Certificate	NL0013011299	ESTX 3261BS OPENB	EUR	1,9500	2,2650	1,9500	126,7500	1	2,2650	65				
Certificate	DE000CJ3QRU8	ESTX 3264TS OPENZ	EUR	2,1850	2,1850	2,1850			2,1850					
Certificate	NL0013083736	ESTX 3277TRSOPENH	EUR	2,0900	2,2900	2,0900	4200,0000	1	2,2900	2000				
Certificate	DE000VA8FR31	ESTX 3289TS OPENV	EUR	2,2750	2,2750	2,2750			2,2750					
Certificate	NL0013110356	ESTX 3300BOC0619Z	EUR	31,5800	31,5800	31,5500			31,5500					
Certificate	NL0013110596	ESTX 3300BON0619Z	EUR	31,1100	31,1400	31,1100			31,1400					
Certificate	NL0013110638	ESTX 3300BON1219Z	EUR	31,1200	31,1300	31,1200			31,1300					
Certificate	NL0012795488	ESTX 3300DI51219Z	EUR	28,7700	28,8400	28,7700			28,8400					
Certificate	DE000CJ3N5V8	ESTX 3303TS OPENZ	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	NL0013009459	ESTX 3310TS OPENB	EUR	2,9450	2,9450	2,9450			2,9450					
Certificate	DE000VA71M24	ESTX 3316TS OPENV	EUR	2,5150	2,5150	2,5150			2,5150					
Certificate	NL0013079239	ESTX 3330TS OPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	NL0013079601	ESTX 3338TRSOPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000VA71M29	ESTX 3341TS OPENV	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	NL0013110372	ESTX 3350BOC0919Z	EUR	31,4300	31,4700	31,4300			31,4700					
Certificate	NL0013008485	ESTX 3360BS OPENB	EUR	3,2550	3,2550	3,2550			3,2550					
Certificate	DE000CJ3N161	ESTX 3362TS OPENZ	EUR	3,1650	3,1650	3,1650			3,1650					
Certificate	DE000VA71M60	ESTX 3366TS OPENV	EUR	3,0150	3,0150	3,0150			3,0150					
Certificate	NL0013079593	ESTX 3388TRSOPENH	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	DE000VA7TA84	ESTX 3392TS OPENV	EUR	3,2550	3,2550	3,2550			3,2550					
Certificate	NL0013110364	ESTX 3400BOC0619Z	EUR	31,6000	31,6200	31,6000			31,6200					
Certificate	NL0012795843	ESTX 3400BON0619Z	EUR	30,6500	30,7400	30,6500			30,7400					
Certificate	NL0013110612	ESTX 3400BON0919Z	EUR	31,2100	31,2600	31,2100			31,2600					
Certificate	DE000VA1SS56	ESTX 3409TL OPENV	EUR											
Certificate	DE000VA7TA92	ESTX 3417TS OPENV	EUR	3,5050	3,5050	3,5050			3,5050					
Certificate	NL0013005408	ESTX 3420TS OPENB	EUR	4,0350	4,0350	4,0350			4,0350					
Certificate	NL0012937635	ESTX 3440TRSOPENH	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	DE000VA7PWJ0	ESTX 3442TS OPENV	EUR	3,7550	3,7550	3,7550			3,7550					
Certificate	NL0013110646	ESTX 3450BON1219Z	EUR	31,0400	31,1200	31,0400			31,1200					
Certificate	NL0012988851	ESTX 3459BS OPENB	EUR	4,3250	4,3250	4,3250			4,3250					
Certificate	NL0012936801	ESTX 3460TS OPENH	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	DE000CV8B656	ESTX 3460TS OPENZ	EUR	4,1450	4,1450	4,1450			4,1450					
Certificate	DE000VAGEAY1	ESTX 3477TS OPENV	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	NL0012937130	ESTX 3489TRSOPENH	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	NL0011590971	ESTX 3498TRSOPENH	EUR	4,5500	4,5500	4,4100	19162,5000	2	4,4900	4250				
Certificate	NL0012236327	ESTX 35.5BON0619Z	EUR	34,4200	34,4200	34,3600			34,3600					
Certificate	NL0013110380	ESTX 3500BOC0919Z	EUR	31,6000	31,6000	31,6000			31,6000					
Certificate	NL0013148745	ESTX 3500BOC1219B	EUR	31,1000	31,3300	31,1000			31,3300					
Certificate	NL0012795850	ESTX 3500BON0919Z	EUR	30,6000	30,8300	30,6000	123,3200	1	30,7000	4				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012795470	ESTX 3500DIS0619Z	EUR	29,4300	29,5100	29,4300			29,5100					
Certificate	DE000VASREA7	ESTX 3508TS OPENV	EUR	4,2350	4,2350	4,2350			4,2350					
Certificate	DE000CV897T1	ESTX 3508TS OPENZ	EUR	5,0750	5,0750	5,0750			5,0750					
Certificate	NL0012648562	ESTX 3515BON1219Z	EUR	33,1100	33,1100	33,0800			33,0800					
Certificate	NL0011090709	ESTX 3520TS OPENB	EUR	5,7450	5,7450	5,7450			5,7450					
Certificate	NL0012921571	ESTX 3534TRSOPENH	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	NL0012921985	ESTX 3540TS OPENH	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	NL0012146070	ESTX 3550BON1218Z	EUR	35,3700	35,3800	35,3700			35,3800					
Certificate	NL0012121768	ESTX 3558BS OPENB	EUR	5,3150	5,3150	5,3150			5,3150					
Certificate	DE000CE6BWF9	ESTX 3559TS OPENZ	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	DE000VA15UT7	ESTX 3565TS OPENV	EUR	4,4750	4,4750	4,4750			4,4750					
Certificate	NL0012921563	ESTX 3573TRSOPENH	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	NL0012236376	ESTX 36.5BON1218Z	EUR	35,8500	35,9900	35,8500			35,9900					
Certificate	NL0012648539	ESTX 3600BON0619Z	EUR	33,5600	33,5600	33,5500			33,5500					
Certificate	NL0012795496	ESTX 3600DIS1219Z	EUR	29,1700	29,2600	29,1700			29,2600					
Certificate	NL0012921555	ESTX 3610TRSOPENH	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	NL0011045695	ESTX 3610TS OPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	NL0012795066	ESTX 3625BOC0319Z	EUR	33,9300	33,9600	33,9300			33,9600					
Certificate	NL0012121586	ESTX 3630TS OPENB	EUR	7,0000	7,0000	6,8550	2800,0000	1	6,8550	400				
Certificate	NL0012921548	ESTX 3642TRSOPENH	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	NL0012648570	ESTX 3650BON1219Z	EUR	32,6100	32,7100	32,6100			32,7100					
Certificate	NL0012236137	ESTX 3655BON0619Z	EUR	34,7000	34,7000	34,6600			34,6600					
Certificate	NL0012782437	ESTX 3658BS OPENB	EUR	6,3150	6,3150	6,3150			6,3150					
Certificate	DE000CE6BWWG7	ESTX 3658TS OPENZ	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0012648497	ESTX 3665BON0319Z	EUR	35,1350	35,1350	35,1350			35,1350					
Certificate	NL0011590963	ESTX 3675TRSOPENH	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	DE000CE6C6X3	ESTX 3698TS OPENZ	EUR	6,9950	6,9950	6,9950			6,9950					
Certificate	NL0012795082	ESTX 3700BOC0619Z	EUR	33,6200	33,6800	33,6200			33,6800					
Certificate	NL0012933733	ESTX 3700TS OPENH	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	NL0012921530	ESTX 3721TRSOPENH	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	NL0012648547	ESTX 3725BON0619Z	EUR	32,9700	33,0700	32,9700			33,0700					
Certificate	NL0012648521	ESTX 3725BON1218Z	EUR	32,6800	33,3400	32,6800			33,3400					
Certificate	NL0012260426	ESTX 3730TS OPENB	EUR	7,8650	7,8650	7,8650			7,8650					
Certificate	DE000CE6C873	ESTX 3757TS OPENZ	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	NL0012785364	ESTX 3758BS OPENB	EUR	7,3150	7,3150	7,3150			7,3150					
Certificate	NL0012921522	ESTX 3770TRSOPENH	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	NL0012795108	ESTX 3775BOC0919Z	EUR	33,2300	33,3600	33,2300			33,3600					
Certificate	NL0011045687	ESTX 3800TS OPENH	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	NL0012921514	ESTX 3819TRSOPENH	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	NL0012795074	ESTX 3825BOC0319Z	EUR	31,2200	31,5400	31,2200			31,5400					
Certificate	NL0012672623	ESTX 3825BOC1218B	EUR	37,9600	38,0900	37,9600			38,0900					
Certificate	NL0012236541	ESTX 3825BON0919Z	EUR	35,4350	35,4950	35,4350			35,4950					
Certificate	DE000VN66C23	ESTX 3826TS OPENV	EUR	4,6450	4,6450	4,6450			4,6450					
Certificate	DE000VN66C80	ESTX 3830TS OPENV	EUR	5,4150	5,4150	5,4150			5,4150					
Certificate	DE000VL2FY01	ESTX 3831TS OPENV	EUR	5,6250	5,6250	5,6250			5,6250					
Certificate	NL0012795124	ESTX 3850BOC1219Z	EUR	32,9500	33,0800	32,9500			33,0800					
Certificate	NL0012648588	ESTX 3850BON1219Z	EUR	32,1700	32,3100	32,1700			32,3100					
Certificate	NL0012264758	ESTX 3850TS OPENB	EUR	9,1650	9,1650	9,1650			9,1650					
Certificate	NL0011590955	ESTX 3851TRSOPENH	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	DE000VA1ZE47	ESTX 3851TS OPENV	EUR	6,8750	6,8750	6,8750			6,8750					
Certificate	DE000VN66C31	ESTX 3851TS OPENV	EUR	4,8850	4,8850	4,8850			4,8850					
Certificate	DE000CE6CH22	ESTX 3858TS OPENZ	EUR	8,1200	8,1200	8,1200			8,1200					
Certificate	DE000VN66C98	ESTX 3860TS OPENV	EUR	5,7150	5,7150	5,7150			5,7150					
Certificate	DE000VN66C49	ESTX 3876TS OPENV	EUR	5,1250	5,1250	5,1250			5,1250					
Certificate	DE000VA1ZE54	ESTX 3876TS OPENV	EUR	7,1150	7,1150	7,1150			7,1150					
Certificate	DE000VL37J16	ESTX 3880TS OPENV	EUR	6,8650	6,8650	6,8650			6,8650					
Certificate	DE000VL2FY27	ESTX 3881TS OPENV	EUR	6,1150	6,1150	6,1150			6,1150					
Certificate	DE000VN66DA9	ESTX 3890TS OPENV	EUR	6,0050	6,0050	6,0050			6,0050					
Certificate	DE000CX01WF4	ESTX 3894TS OPENC	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	NL0012921506	ESTX 3898TRSOPENH	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	DE000VA1ZE62	ESTX 3901TS OPENV	EUR	7,3650	7,3650	7,3650			7,3650					
Certificate	DE000CE6CQA0	ESTX 3902TS OPENZ	EUR	9,0650	9,0650	9,0650			9,0650					
Certificate	NL0012107965	ESTX 3925BOC1218B	EUR	39,1800	39,1900	39,1800			39,1900					
Certificate	NL0012145924	ESTX 3925BOC1218Z	EUR	39,2000	39,2000	39,2000			39,2000					
Certificate	NL0012921977	ESTX 3930TS OPENH	EUR	10,0900	10,0900	10,0900			10,0900					
Certificate	DE000VL37J24	ESTX 3930TS OPENV	EUR	7,3650	7,3650	7,3650			7,3650					
Certificate	DE000VL2FY43	ESTX 3931TS OPENV	EUR	6,5950	6,5950	6,5950			6,5950					
Certificate	NL0012269674	ESTX 3940BOC1218B	EUR	39,0000	39,1700	39,0000			39,1700					
Certificate	DE000CX59W37	ESTX 3942TS OPENC	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	DE000CX59M47	ESTX 3944TS OPENC	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0012795090	ESTX 3950BOC0619Z	EUR	31,6100	31,8400	31,6100			31,8400					
Certificate	NL0012494561	ESTX 3950BOC1218B	EUR	33,6400	35,4900	33,5700	14032,2600	1	35,4900	418				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012648554	ESTX 3950BON0619Z	EUR	31,6200	31,8500	31,6200			31,8500					
Certificate	NL0012700363	ESTX 3960TS OPENB	EUR	10,2650	10,2650	10,2650			10,2650					
Certificate	DE000CE6CQ39	ESTX 3962TS OPENZ	EUR	9,1600	9,1600	9,1600								
Certificate	NL0012983290	ESTX 4000BOC0619B	EUR	36,2700	36,5900	36,2700								
Certificate	NL0012983282	ESTX 4000BOC1219B	EUR	33,9100	34,2500	33,9100								
Certificate	DE000CE6DJF2	ESTX 4050TS OPENZ	EUR	10,5750	10,5750	10,5750								
Certificate	DE000CE6DJJ4	ESTX 4058TS OPENZ	EUR	10,1200	10,1200	10,1200								
Certificate	NL0012933030	ESTX 4072TRSOPENH	EUR	10,2400	10,2400	10,2400								
Certificate	NL0012795116	ESTX 4075BOC0919Z	EUR	31,2800	31,5300	31,2800								
Certificate	NL0012146088	ESTX 4100BOC1218Z	EUR	39,7500	39,8700	39,7500								
Certificate	NL0012921969	ESTX 4130TS OPENH	EUR	12,1200	12,1200	12,1200								
Certificate	NL0012648596	ESTX 4150BON1219Z	EUR	30,9600	31,1800	30,9600								
Certificate	NL0012921498	ESTX 4151TRSOPENH	EUR	11,0200	11,0200	11,0200								
Certificate	DE000CE6EZ77	ESTX 4154TS OPENZ	EUR	11,0800	11,0800	11,0800								
Certificate	NL0011231071	ESTX 4170TS OPENH	EUR	12,4700	12,4700	12,4700								
Certificate	NL0011590948	ESTX 4172TRSOPENH	EUR	11,2400	11,2400	11,2400								
Certificate	NL0012795132	ESTX 4200BOC1219Z	EUR	31,0300	31,2700	31,0300								
Certificate	NL0011590930	ESTX 4204TRSOPENH	EUR	11,5600	11,5600	11,5600								
Certificate	DE000CE6FAQ3	ESTX 4248TS OPENZ	EUR	12,2800	12,5750	12,2800	1891,1200	1	12,5750		154			
Certificate	DE000CE6FAH2	ESTX 4255TS OPENZ	EUR	12,0900	12,0900	12,0900								
Certificate	NL0012146096	ESTX 4325BOC1218Z	EUR	36,6300	36,6300	36,6300								
Certificate	NL0011590922	ESTX 4557TRSOPENH	EUR	15,0800	15,0800	15,0800								
Certificate	DE000CV88X58	ESTX 4649TS OPENZ	EUR	16,6350	16,6350	16,6350								
Certificate	XS1472027173	ESTX 7.255TN0222K	EUR											
Certificate	XS1840195744	ESTX 8.975TN0823H	EUR	89,5200	89,5200	89,5200				89,5200				
Certificate	NL0012236392	ESTX 36.25BON0619Z	EUR	33,6900	33,6900	33,6600				33,6600				
Certificate	NL0012236418	ESTX 41.75BON0619Z	EUR	30,3300	30,6600	30,3300				30,6600				
Certificate	DE000CE6BUR8	ESTXF LEVOPENZ	EUR	5,7200	5,7200	5,7200				5,7200				
Certificate	DE000CE6BUQ0	ESTXF LEVOPENZ	EUR	9,4950	9,4950	9,4950				9,4950				
Certificate	DE000CE6BUS6	ESTXF LEVOPENZ	EUR	1,5360	1,5360	1,5360				1,5360				
Certificate	DE000CE6BUU2	ESTXF SHROPENZ	EUR	2,5320	2,5320	2,5320				2,5320				
Certificate	DE000CE6BUT4	ESTXF SHROPENZ	EUR	7,3500	7,3500	7,3500				7,3500				
Certificate	DE000CV8AWM2	EUCAD1.294TL OPENZ	EUR	14,7900	14,7900	14,7900				14,7900				
Certificate	DE000CR4J9N5	EUCAD1.355TL OPENZ	EUR	10,7700	10,7700	10,7700				10,7700				
Certificate	NL0013004088	EUCAD1.364TL OPENB	EUR	11,6250	11,6250	11,6250				11,6250				
Certificate	NL0012282537	EUCAD1.407TL OPENB	EUR	8,8450	8,8450	8,8450				8,8450				
Certificate	DE000CR4H922	EUCAD1.444TL OPENZ	EUR	4,9350	4,9350	4,9350				4,9350				
Certificate	NL0012791545	EUCAD1.451TL OPENB	EUR	5,9550	5,9550	5,9550				5,9550				
Certificate	NL0012989867	EUCAD1.542TS OPENB	EUR	3,7550	3,7550	3,7550				3,7550				
Certificate	DE000CV88N01	EUCAD1.572TS OPENZ	EUR	3,6550	3,6550	3,6550				3,6550				
Certificate	NL0011539507	EUCAD1.623TS OPENB	EUR	9,1550	9,1550	9,1550				9,1550				
Certificate	DE000CR9S170	EUCAD1.632TS OPENZ	EUR	7,5800	7,5800	7,5800				7,5800				
Certificate	NL0012771992	EUCAD1.663TS OPENB	EUR	11,8550	11,8550	11,8550				11,8550				
Certificate	DE000CN6HPB8	EUCAD1.709TS OPENZ	EUR	12,7000	12,7000	12,7000				12,7000				
Certificate	DE000CV508J5	EUCAD1.769TS OPENZ	EUR	16,6500	16,6500	16,6500				16,6500				
Certificate	LU1841119420	EUCHF 1.1TCIOPENS	EUR	1,8600	1,8600	1,8600				1,8600				
Certificate	LU1841119347	EUCHF 1.2TCIOPENS	EUR	6,4000	6,4000	6,4000				6,4000				
Certificate	NL0012677348	EUCHF 1.2TS OPENB	EUR	9,9600	9,9600	9,8650	7470,0000	1	9,8650		750			
Certificate	LU1859906056	EUCHF 1.15TCIOPENS	EUR	2,0700	2,0700	2,0700				2,0700				
Certificate	LU1841119180	EUCHF 1.17TCIOPENS	EUR	3,7400	3,7400	3,7400				3,7400				
Certificate	LU1841119263	EUCHF 1.18TCIOPENS	EUR	4,6200	4,6200	4,6200				4,6200				
Certificate	DE000CV4YTV8	EUCHF 1.31TS OPENZ	EUR	16,6700	16,6700	16,6700				16,6700				
Certificate	NL0010925558	EUCHF0.873TL OPENB	EUR	24,5300	24,5300	24,5300				24,5300				
Certificate	DE000CR6X9G9	EUCHF0.927TL OPENZ	EUR	17,6000	17,6000	17,6000				17,6000				
Certificate	DE000CR6X9F1	EUCHF1.007TL OPENZ	EUR	10,5050	10,5050	10,5050				10,5050				
Certificate	DE000CR6X9E4	EUCHF1.047TL OPENZ	EUR	6,9400	6,9400	6,9400				6,9400				
Certificate	NL0011436340	EUCHF1.082TL OPENB	EUR	6,3950	6,3950	6,3950				6,3950				
Certificate	DE000CE6DVG5	EUCHF1.102TL OPENZ	EUR											
Certificate	NL0012280275	EUCHF1.122TL OPENB	EUR	2,9250	2,9250	2,9250				2,9250				
Certificate	NL0012988968	EUCHF1.163TS OPENB	EUR	6,4000	6,5150	6,4000	6400,0000	1	6,5150		1000			
Certificate	NL0012793277	EUCHF1.181TS OPENB	EUR	8,1550	8,1550	8,1550				8,1550				
Certificate	DE000CV88WB4	EUCHF1.201TS OPENZ	EUR	7,0200	7,0200	7,0200				7,0200				
Certificate	DE000CE6E507	EUCHF1.251TS OPENZ	EUR	11,4600	11,4600	11,4600				11,4600				
Certificate	NL0000873503	EUCHF1.278TS OPENB	EUR	15,8700	15,8700	15,8700				15,8700				
Certificate	LU1840909458	EUGBP 0.9TCIOPENS	EUR											
Certificate	NL0013010713	EUGBP 0.9TS OPENB	EUR											
Certificate	NL0011242292	EUGBP 0.76TL OPENH	EUR	17,1500	17,1500	17,1500				17,1500				
Certificate	LU1756001837	EUGBP 0.83TCIOPENS	EUR	6,0800	6,0800	6,0800				6,0800				
Certificate	LU1719706019	EUGBP 0.84TCIOPENS	EUR	4,8800	4,8800	4,8800				4,8800				
Certificate	NL0012099535	EUGBP 0.85TL OPENB	EUR	7,3300	7,5900	7,3300	256,5500	1	7,5900		35			
Certificate	NL0013154032	EUGBP 0.86TL OPENB	EUR	6,5100	6,5600	6,4000	26408,2500	7	6,5400		4075			
Certificate	NL0013154453	EUGBP 0.87TL OPENB	EUR	5,4600	5,4600	5,4600				5,4600				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013149990	EUGBP 0.89TS OPENB	EUR											
Certificate	LU1651915529	EUGBP 0.92TPIOPENS	EUR											
Certificate	DE000CD62BQ9	EUGBP 0.92TS OPENZ	EUR	1,9950	1,9950	1,9950			1,9950					
Certificate	LU1790502857	EUGBP 0.93TPIOPENS	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	LU1790503079	EUGBP 0.96TPIOPENS	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	NL0011053145	EUGBP0.682TL OPENH	EUR	25,7000	25,7000	25,7000			25,7000					
Certificate	NL0011053137	EUGBP0.738TL OPENH	EUR	19,5200	19,5200	19,5200			19,5200					
Certificate	DE000CR6YL22	EUGBP0.746TL OPENZ	EUR	17,5850	17,5850	17,5850			17,5850					
Certificate	DE000CR6XHL7	EUGBP0.767TL OPENZ	EUR	15,2950	15,2950	15,2950			15,2950					
Certificate	NL0011593454	EUGBP0.778TL OPENH	EUR	15,1600	15,1600	15,1600			15,1600					
Certificate	DE000CR6YA90	EUGBP0.786TL OPENZ	EUR	13,1600	13,1600	13,1600			13,1600					
Certificate	NL0012770424	EUGBP0.807TL OPENB	EUR	12,3000	12,3000	12,1500	2642,2500	2	12,2700	215				
Certificate	NL0013007487	EUGBP0.824BL OPENB	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	DE000CN6JQM9	EUGBP0.825TL OPENZ	EUR	8,7900	8,7900	8,7900			8,7900					
Certificate	NL0013153133	EUGBP0.838TL OPENB	EUR	8,9200	8,9200	8,9200			8,9200					
Certificate	NL0012693907	EUGBP0.844BL OPENB	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	NL0011892963	EUGBP0.849TL OPENH	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	NL0011905625	EUGBP0.865BL OPENB	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	DE000CJ3QDP8	EUGBP0.865TL OPENZ	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	LU1840909375	EUGBP0.895TPIOPENS	EUR											
Certificate	NL0013007503	EUGBP0.904BS OPENB	EUR											
Certificate	NL0012494306	EUGBP0.909TS OPENB	EUR											
Certificate	NL0012494314	EUGBP0.919TS OPENB	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0012488894	EUGBP0.924BS OPENB	EUR	2,6000	2,6000	2,4300	1294,0000	2	2,4300	500				
Certificate	NL0012988331	EUGBP0.929TS OPENB	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	NL0012993646	EUGBP0.944BS OPENB	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000CD614W6	EUGBP0.986TS OPENZ	EUR	9,2700	9,2700	9,2700			9,2700					
Certificate	DE000CV8AR73	EUGBP1.026TS OPENZ	EUR	13,6900	13,6900	13,6900			13,6900					
Certificate	NL0011741178	EUGBP1.041TS OPENH	EUR	17,0400	17,0400	17,0400			17,0400					
Certificate	DE000CD614X4	EUGBP1.065TS OPENZ	EUR	17,9800	17,9800	17,9800			17,9800					
Certificate	NL0011740915	EUGBP1.238TS OPENH	EUR	39,1300	39,1300	39,1300			39,1300					
Certificate	DE000CR6YL14	EUIPY110.5TL OPENZ	EUR	13,8850	13,8850	13,8850			13,8850					
Certificate	NL0013013949	EUIPY116.8TL OPENB	EUR	10,5500	10,5500	10,5500			10,5500					
Certificate	NL0012260491	EUIPY119.8TL OPENB	EUR	8,2700	8,2700	8,2700			8,2700					
Certificate	DE000CD63UA1	EUIPY120.4TL OPENZ	EUR	6,0850	6,0850	6,0850			6,0850					
Certificate	NL0012991962	EUIPY125.8TL OPENB	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0013017841	EUIPY131.6TS OPENB	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	NL0012690242	EUIPY134.6TS OPENB	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000CB1MY20	EUIPY139.2TS OPENZ	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	NL0011053186	EUIPY140.1TS OPENH	EUR	11,4700	11,4700	11,4700			11,4700					
Certificate	NL0012497994	EUIPY140.6TS OPENB	EUR	11,8100	11,8100	11,8100			11,8100					
Certificate	DE000CR4H963	EUIPY142.3TS OPENZ	EUR	11,0400	11,0400	11,0400			11,0400					
Certificate	NL0012681712	EUIPY143.6TS OPENB	EUR	14,2000	14,2000	14,2000			14,2000					
Certificate	DE000CR4H971	EUIPY145.3TS OPENZ	EUR	13,3700	13,3700	13,3700			13,3700					
Certificate	DE000CV4ZV64	EUIPY155.3TS OPENZ	EUR	21,1600	21,1600	21,1600			21,1600					
Certificate	DE000CN6EPU5	EUNOK10.46TS OPENZ	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	DE000CE6FM71	EUNOK10.96TS OPENZ	EUR	13,1800	13,1800	12,9500	1977,0000	1	12,9500	150				
Certificate	NL0010251971	EUNOK7.882TL OPENB	EUR	21,0250	21,0250	21,0250			21,0250					
Certificate	DE000CR6YAE5	EUNOK8.519TL OPENZ	EUR	12,3900	12,3900	12,3900			12,3900					
Certificate	DE000CR4H9F3	EUNOK8.826TL OPENZ	EUR	9,2250	9,2250	9,2250			9,2250					
Certificate	DE000CR6YAD7	EUNOK9.121TL OPENZ	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	DE000CR4J9T2	EUNOK9.951TS OPENZ	EUR	2,6000	2,6000	2,5250	1495,0000	1	2,5250	575				
Certificate	DE000CJ3PWX4	EURAU 1.63TS OPENZ	EUR	3,7450	3,7450	3,7450			3,7450					
Certificate	NL0009485655	EURAU 1.66TS OPENB	EUR	7,7850	7,7850	7,7850			7,7850					
Certificate	NL0012993844	EURAU 1.69TS OPENB	EUR	9,6850	9,6850	9,6850			9,6850					
Certificate	DE000CR9RNY4	EURAU 1.69TS OPENZ	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	DE000CJ3QPR8	EURAU1.321TL OPENZ	EUR	16,0300	16,0300	16,0300			16,0300					
Certificate	DE000CE6BEL5	EURAU1.382TL OPENZ	EUR	12,1900	12,1900	12,1900			12,1900					
Certificate	NL0010129599	EURAU1.386TL OPENB	EUR	13,3150	13,3150	13,3150			13,3150					
Certificate	DE000CD62940	EURAU1.434TL OPENZ	EUR	8,9050	8,9050	8,9050			8,9050					
Certificate	NL0013161011	EURAU1.475TL OPENB	EUR	7,9950	7,9950	7,9950			7,9950					
Certificate	DE000CE6C3C4	EURAU1.504TL OPENZ	EUR	4,4350	4,4350	4,4350			4,4350					
Certificate	NL0013153679	EURAU1.505TL OPENB	EUR	5,9150	5,9150	5,9150			5,9150					
Certificate	NL0013160260	EURAU1.599TS OPENB	EUR	3,7850	3,7850	3,7850			3,7850					
Certificate	NL0013149982	EURAU1.629TS OPENB	EUR	5,7450	5,7450	5,7450			5,7450					
Certificate	DE000CR9SD50	EURAU1.771TS OPENZ	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	DE000CV881A5	EURAU1.831TS OPENZ	EUR	16,5600	16,5600	16,5600			16,5600					
Certificate	DE000CV896Z0	EURCN6.409TL OPENZ	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	DE000CV88N19	EURCN6.831TL OPENZ	EUR	12,8400	12,8400	12,8400			12,8400					
Certificate	DE000CE6BR62	EURCN7.339TL OPENZ	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	DE000CR9SD76	EURCN8.457TS OPENZ	EUR	8,5800	8,5800	8,5800			8,5800					
Certificate	DE000CE6DN97	EURCN8.955TS OPENZ	EUR	14,9500	14,9500	14,9500			14,9500					



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	DE000CD635W1	EURON 4.4TL OPENZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CN6J497	EURON 8.6TS OPENZ	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CJ3QV87	EURON 3.85TL OPENZ	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000CD62Z09	EURON 4.73TL OPENZ	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CD62XT7	EURON 5.16TL OPENZ	EUR	0,4800	0,5100	0,4800	4800,0000	2	0,5100	10000				
Certificate	DE000CD62FS6	EURON 5.59TL OPENZ	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CN6K5X0	EURON 6.03TL OPENZ	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CV87VH5	EURON 6.57TL OPENZ	EUR	0,2500	0,2500	0,2500	500,0000	1	0,2500	2000				
Certificate	NL0012990691	EURON 6.878L OPENB	EUR	0,3600	0,5800	0,3600	10,8000	1	0,5800	20				
Certificate	NL0013158025	EURON 7.128L OPENB	EUR											
Certificate	DE000CJ3QLL0	EURON 7.18TL OPENZ	EUR											
Certificate	NL0013163306	EURON 7.848S OPENB	EUR	0,8300	0,8300	0,6100			0,6100					
Certificate	NL0013149511	EURON 8.348S OPENB	EUR	1,3300	1,3300	1,1100			1,1100					
Certificate	DE000CV89MD9	EURON 9.52TS OPENZ	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CV89L85	EURON10.34TS OPENZ	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CJ3QU70	EURON3.831TL OPENZ	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CD62SZ4	EURON4.331TL OPENZ	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CN6K8Q4	EURON4.839TL OPENZ	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	DE000CN6HHD1	EURON5.452TL OPENZ	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012028070	EURON5.5628L OPENB	EUR	1,6600	1,8700	1,6600	1011,0000	2	1,8700	550				
Certificate	DE000CE6EFB7	EURON5.841TL OPENZ	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0012019830	EURON5.8578L OPENB	EUR	1,3600	1,5800	1,3600	4865,0000	1	1,5800	3500				
Certificate	NL0012996342	EURON6.222TL OPENB	EUR	1,3400	1,5500	1,3400	2200,0000	2	1,5500	1500				
Certificate	DE000CE6ENN6	EURON6.342TL OPENZ	EUR	0,1700	0,2000	0,1700	1380,0000	4	0,2000	7000				
Certificate	NL0012989610	EURON6.3678L OPENB	EUR	0,8600	1,0800	0,8600			1,0800					
Certificate	NL0012993208	EURON6.476TL OPENB	EUR	1,1000	1,3100	1,1000	1500,0000	1	1,3100	1200				
Certificate	NL0012990386	EURON6.6188L OPENB	EUR	0,6100	0,8300	0,6100			0,8300					
Certificate	NL0012993216	EURON6.728TL OPENB	EUR	0,8700	1,0800	0,8700			1,0800					
Certificate	DE000CV8B2N6	EURON6.839TL OPENZ	EUR	0,1000	0,1000	0,1000			0,1000					
Certificate	NL0013000680	EURON6.978TL OPENB	EUR	0,6300	0,8500	0,6300			0,8500					
Certificate	NL0013158231	EURON7.228TL OPENB	EUR											
Certificate	NL0013158033	EURON7.3688L OPENB	EUR											
Certificate	DE000CJ3QM68	EURON7.385TL OPENZ	EUR											
Certificate	NL0013158249	EURON7.478TL OPENB	EUR											
Certificate	NL0013158421	EURON7.6178L OPENB	EUR											
Certificate	NL0013162548	EURON7.663TS OPENB	EUR	1,1700	1,1700	0,9500			0,9500					
Certificate	NL0013159486	EURON8.163TS OPENB	EUR	1,7100	1,7100	1,4900			1,4900					
Certificate	DE000CJ3QAJ7	EURON8.349TS OPENZ	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	NL0013004237	EURON8.663TS OPENB	EUR	2,2400	2,2400	2,0200			2,0200					
Certificate	NL0013004757	EURON8.8398S OPENB	EUR	1,8300	1,8300	1,6100			1,6100					
Certificate	DE000CN6J067	EURON9.349TS OPENZ	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	NL0010131744	EUTRY 3.84TL OPENB	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	NL0013012354	EUTRY 8.11TS OPENB	EUR	46,8300	46,8300	46,8300			46,8300					
Certificate	NL0009409283	EUTRY3.584TL OPENB	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	NL0011904396	EUTRY4.546TL OPENB	EUR	28,9800	28,9800	28,9800			28,9800					
Certificate	NL0012280283	EUTRY4.964TL OPENB	EUR	22,4600	22,4600	22,4600			22,4600					
Certificate	NL0012500466	EUTRY5.058TL OPENB	EUR	20,9900	20,9900	20,9900			20,9900					
Certificate	NL0012503643	EUTRY5.115TL OPENB	EUR	20,1100	20,1100	20,1100			20,1100					
Certificate	NL0012510531	EUTRY5.225TL OPENB	EUR	18,3900	18,3900	18,3900			18,3900					
Certificate	NL0012511802	EUTRY5.282TL OPENB	EUR	17,5000	17,5000	17,5000			17,5000					
Certificate	NL0012777064	EUTRY5.324TL OPENB	EUR	16,8300	16,8300	16,8300			16,8300					
Certificate	NL0012781496	EUTRY5.425TL OPENB	EUR	15,2600	15,2600	15,2600			15,2600					
Certificate	NL0012781876	EUTRY5.491TL OPENB	EUR	14,2300	14,2300	14,2300			14,2300					
Certificate	NL0012791560	EUTRY5.671TL OPENB	EUR	11,4100	11,4100	11,4100			11,4100					
Certificate	NL0012979801	EUTRY5.768TL OPENB	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	NL0013157027	EUTRY6.351TS OPENB	EUR	14,2600	14,2600	14,2600			14,2600					
Certificate	NL0013154479	EUTRY6.501TS OPENB	EUR	17,3700	17,3700	17,3700			17,3700					
Certificate	NL0013150006	EUTRY6.651TS OPENB	EUR	20,4300	20,4300	20,4300			20,4300					
Certificate	NL0013018930	EUTRY6.834TS OPENB	EUR	23,7500	23,7500	23,7500			23,7500					
Certificate	NL0013013956	EUTRY7.024TS OPENB	EUR	27,1900	27,1900	27,1900			27,1900					
Certificate	NL0013012339	EUTRY7.194TS OPENB	EUR	30,0000	30,2700	30,0000	4500,0000	1	30,2700	150				
Certificate	NL0013012347	EUTRY7.652TS OPENB	EUR	38,5500	38,5500	38,5500			38,5500					
Certificate	NL0012993950	EUTRY8.584TS OPENB	EUR	55,4100	55,4100	55,4100			55,4100					
Certificate	NL0012989313	EUTRY8.984TS OPENB	EUR	62,6400	62,6400	62,6400			62,6400					
Certificate	DE000CE6CDQ4	EUUSD LEVOPENZ	EUR	7,3100	7,3100	7,3100			7,3100					
Certificate	DE000CE6CDR2	EUUSD SHROPENZ	EUR	5,5350	5,5350	5,5350			5,5350					
Certificate	DE000CYOAOB1	EUUSD 1TL OPENC	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	DE000CCKKKX8	EUUSD 1TL OPENC	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	DE000CYOAOH8	EUUSD 0.9TL OPENC	EUR	13,4400	13,4400	13,4400			13,4400					
Certificate	DE000CJ3NYP1	EUUSD 1.1SWT0119Z	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	LU1816970591	EUUSD 1.1TCIOPENS	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CJ3NK83	EUUSD 1.1TL 1218Z	EUR	0,2850	0,2850	0,2850			0,2850					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY16ZL1	EUUSD 1.1TL OPENC	EUR											
Certificate	NL0012791339	EUUSD 1.28S OPENB	EUR	6,2650	6,2650	6,2650			6,2650					
Certificate	NL0012609648	EUUSD 1.2TL OPENH	EUR											
Certificate	NL0012609382	EUUSD 1.2TRLOPENH	EUR											
Certificate	NL0012861728	EUUSD 1.2TRSOPENH	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	DE000CQ5B212	EUUSD 1.2TS OPENC	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	DE000CQ5BBA2	EUUSD 1.2TS OPENC	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	NL0012861850	EUUSD 1.2TS OPENH	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	DE000VA278T0	EUUSD 1.2TS OPENV	EUR	8,5250	8,5250	8,5250			8,5250					
Certificate	LU1695122132	EUUSD 1.3TPIOPENS	EUR	14,7500	14,7500	14,7500			14,7500					
Certificate	NL0013132731	EUUSD 1.3TRSOPENH	EUR	15,0800	15,0800	15,0800			15,0800					
Certificate	DE000CY52XC0	EUUSD 1.3TS OPENC	EUR	14,7400	14,7400	14,7400			14,7400					
Certificate	NL0013182280	EUUSD 1.3TS OPENH	EUR	15,6000	15,6000	15,6000			15,6000					
Certificate	NL0013086911	EUUSD .986TRLOPENH	EUR	12,9000	12,9000	12,9000			12,9000					
Certificate	NL0012089304	EUUSD 0.82TL OPENH	EUR	27,8600	27,8600	27,8600			27,8600					
Certificate	NL0012089296	EUUSD 0.83TL OPENH	EUR	26,9800	26,9800	26,9800			26,9800					
Certificate	DE000CY0AQG0	EUUSD 0.92TL OPENC	EUR	11,5200	11,5200	11,5200			11,5200					
Certificate	DE000CJ3PNB9	EUUSD 0.94TL 1218Z	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	NL0012107593	EUUSD 0.94TL OPENB	EUR	18,2050	18,2050	18,2050			18,2050					
Certificate	DE000CY0AQF2	EUUSD 0.94TL OPENC	EUR	9,5900	9,5900	9,5900			9,5900					
Certificate	NL0011231253	EUUSD 0.94TL OPENH	EUR	18,0900	18,0900	18,0900			18,0900					
Certificate	DE000CY0AQE5	EUUSD 0.95TL OPENC	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	DE000CY0AQD7	EUUSD 0.96TL OPENC	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	DE000CJ3NT27	EUUSD 0.98TL 1218Z	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000CY0AQC9	EUUSD 0.98TL OPENC	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CY50TZ3	EUUSD 0.99TL OPENC	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	DE000CY50TY6	EUUSD 1.01TL OPENC	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	DE000CJ3NT35	EUUSD 1.02TL 1218Z	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	DE000CX592M1	EUUSD 1.02TL OPENC	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	DE000CY50TX8	EUUSD 1.03TL OPENC	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000VN658J5	EUUSD 1.03TL OPENV	EUR	2,7350	2,7350	2,7350			2,7350					
Certificate	DE000CY0AW11	EUUSD 1.04TL OPENC	EUR											
Certificate	DE000CY16SW3	EUUSD 1.05TL OPENC	EUR											
Certificate	DE000CY50TW0	EUUSD 1.05TL OPENC	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0012903892	EUUSD 1.05TL OPENH	EUR	8,2900	8,2900	7,5800	102796,0000	1	7,5800	12400				
Certificate	NL0012904452	EUUSD 1.05TRLOPENH	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	DE000CJ3NK75	EUUSD 1.06TL 1218Z	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	NL0010930921	EUUSD 1.06TL OPENB	EUR	7,8250	7,8250	7,8250			7,8250					
Certificate	DE000CJ3NYQ9	EUUSD 1.07SWT0119Z	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	DE000CQ5B125	EUUSD 1.07TL OPENC	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000CQ5BB40	EUUSD 1.07TL OPENC	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	DE000CJ3PNC7	EUUSD 1.08TL 1218Z	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	DE000CQ5BB57	EUUSD 1.08TL OPENC	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000CQ5AW95	EUUSD 1.09TL OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CR6Y9Y1	EUUSD 1.09TL OPENZ	EUR	3,6050	3,6050	3,6050			3,6050					
Certificate	NL0012178123	EUUSD 1.09TRLOPENH	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000CY50TT6	EUUSD 1.11TL OPENC	EUR											
Certificate	NL0012089072	EUUSD 1.11TL OPENH	EUR	2,8100	2,9100	2,2900	242310,0000	27	2,2900	90000				
Certificate	NL0013180458	EUUSD 1.11TL OPENH	EUR	2,3800	2,3800	2,2700	11900,0000	1	2,2700	5000				
Certificate	NL0012176697	EUUSD 1.11TRLOPENH	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0013182322	EUUSD 1.12TL OPENH	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0012195689	EUUSD 1.12TRLOPENH	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CJ3QXR2	EUUSD 1.13TL OPENZ	EUR	0,5000	0,5000	0,3350	125,0000	1	0,3350	250				
Certificate	NL0013152093	EUUSD 1.15BS OPENB	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000CY52996	EUUSD 1.15TL OPENC	EUR											
Certificate	NL0013151764	EUUSD 1.15TS OPENB	EUR	3,1500	3,8250	3,1500	37900,0000	3	3,8250	11000				
Certificate	NL0013182306	EUUSD 1.15TS OPENH	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000CJ3PE06	EUUSD 1.16TS OPENZ	EUR	1,4600	1,7500	1,4600	644,0000	2	1,7500	400				
Certificate	NL0013017411	EUUSD 1.16BS OPENB	EUR	2,1200	2,7150	2,1200	2197,0000	2	2,7150	1000				
Certificate	NL0013085640	EUUSD 1.16TRSOPENH	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0013125636	EUUSD 1.16TS OPENH	EUR	2,5000	3,1000	2,3000	8393,7200	14	3,1000	3376				
Certificate	DE000VA9CWT3	EUUSD 1.16TS OPENV	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	DE000CJ3PE06	EUUSD 1.16TS OPENZ	EUR	2,6450	2,6450	2,6450			2,6450					
Certificate	NL0013013774	EUUSD 1.17BS OPENB	EUR	3,6050	3,6050	3,6050			3,6050					
Certificate	NL0012906366	EUUSD 1.17TRSOPENH	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	NL0013086903	EUUSD 1.17TRSOPENH	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	DE000CJ3PAW2	EUUSD 1.17TS 1218Z	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	NL0012906689	EUUSD 1.17TS OPENH	EUR	3,5100	4,0300	3,5100	17820,0000	2	4,0300	5000				
Certificate	DE000CJ3PCJ5	EUUSD 1.17TS OPENZ	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	NL0013004336	EUUSD 1.18BS OPENB	EUR	4,1000	4,4850	4,1000	844,6000	1	4,4850	206				
Certificate	NL0012905715	EUUSD 1.18TRSOPENH	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	NL0012792535	EUUSD 1.19BS OPENB	EUR	5,3750	5,3750	5,3750			5,3750					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012922843	EUUSD 1.19TRSOPENH	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	NL0012863773	EUUSD 1.19TRSOPENH	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	DE000CJ3NL88	EUUSD 1.19TS 1218Z	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	DE000CQ58B99	EUUSD 1.19TS OPENC	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	DE000CQ58204	EUUSD 1.19TS OPENC	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	NL0012862122	EUUSD 1.19TS OPENH	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	DE000VA3ECE6	EUUSD 1.19TS OPENV	EUR	7,6050	7,6050	7,6050			7,6050					
Certificate	NL0012788178	EUUSD 1.21BS OPENB	EUR	7,1350	7,1350	7,1350			7,1350					
Certificate	DE000CJ3NLC6	EUUSD 1.21TS 1218Z	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CQ58B80	EUUSD 1.21TS OPENC	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	DE000CQ58220	EUUSD 1.21TS OPENC	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	NL0012847032	EUUSD 1.21TS OPENH	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	DE000VA2T8V6	EUUSD 1.21TS OPENV	EUR	9,4150	9,4150	9,4150			9,4150					
Certificate	NL0012786347	EUUSD 1.22BS OPENB	EUR	8,0250	8,0250	8,0250			8,0250					
Certificate	DE000CQ5AWC6	EUUSD 1.22TS OPENC	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	DE000CQ5AW20	EUUSD 1.22TS OPENC	EUR	7,7800	7,7800	7,7800			7,7800					
Certificate	DE000VA2T8X2	EUUSD 1.22TS OPENV	EUR	10,3250	10,3250	10,3250			10,3250					
Certificate	DE000CJ3NLD4	EUUSD 1.23TS 1218Z	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	DE000CQ5AW38	EUUSD 1.23TS OPENC	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	DE000CQ5AWD4	EUUSD 1.23TS OPENC	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	DE000VA2T8Z7	EUUSD 1.23TS OPENV	EUR	11,2350	11,2350	11,2350			11,2350					
Certificate	DE000CQ5AWE2	EUUSD 1.24TS OPENC	EUR	10,4300	10,4300	10,4300			10,4300					
Certificate	DE000CQ5AW46	EUUSD 1.24TS OPENC	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	DE000VA2T810	EUUSD 1.24TS OPENV	EUR	12,1250	12,1250	12,1250			12,1250					
Certificate	NL0012677231	EUUSD 1.25BS OPENB	EUR	10,6650	10,6650	10,6650			10,6650					
Certificate	LU1719404607	EUUSD 1.25TPIOPENS	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	DE000CQ5AW53	EUUSD 1.25TS OPENC	EUR	10,4300	10,4300	10,4300			10,4300					
Certificate	DE000CY50U52	EUUSD 1.25TS OPENC	EUR											
Certificate	DE000CQ5AWF9	EUUSD 1.25TS OPENC	EUR	11,3100	11,3100	11,3100			11,3100					
Certificate	DE000CV886D8	EUUSD 1.25TS OPENZ	EUR	10,5700	10,5700	10,5700			10,5700					
Certificate	NL0012677249	EUUSD 1.26BS OPENB	EUR	11,5550	11,5550	11,5550			11,5550					
Certificate	LU1695201944	EUUSD 1.26TPIOPENS	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	DE000VL2FQ76	EUUSD 1.26TS OPENV	EUR	11,4850	11,4850	11,4850			11,4850					
Certificate	DE000CE6E2D2	EUUSD 1.26TS OPENZ	EUR	11,4900	11,4900	11,4900			11,4900					
Certificate	LU1695202165	EUUSD 1.27TPIOPENS	EUR	12,1300	12,1300	12,1300			12,1300					
Certificate	DE000CJ3NLE2	EUUSD 1.27TS 1218Z	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	DE000CY50U60	EUUSD 1.27TS OPENC	EUR	12,4600	12,4600	12,4600			12,4600					
Certificate	DE000CY52XN7	EUUSD 1.27TS OPENC	EUR	12,9800	12,9800	12,9800			12,9800					
Certificate	DE000CY52XF3	EUUSD 1.27TS OPENC	EUR	12,1000	12,1000	12,1000			12,1000					
Certificate	DE000VL2FQ92	EUUSD 1.27TS OPENV	EUR	12,3750	12,3750	12,3750			12,3750					
Certificate	DE000CE6E523	EUUSD 1.27TS OPENZ	EUR	12,3700	12,3700	12,3700			12,3700					
Certificate	LU1695202249	EUUSD 1.28TPIOPENS	EUR	13,0100	13,0100	13,0100			13,0100					
Certificate	DE000CY16ZQ0	EUUSD 1.28TS OPENC	EUR	12,4000	12,4000	12,4000			12,4000					
Certificate	DE000CY52XE6	EUUSD 1.28TS OPENC	EUR	12,9800	12,9800	12,9800			12,9800					
Certificate	LU1695202322	EUUSD 1.29TPIOPENS	EUR	13,8900	13,8900	13,8900			13,8900					
Certificate	DE000CY52XM9	EUUSD 1.29TS OPENC	EUR	14,7400	14,7400	14,7400			14,7400					
Certificate	DE000CY50U78	EUUSD 1.29TS OPENC	EUR	14,2100	14,2100	14,2100			14,2100					
Certificate	DE000CY52XD8	EUUSD 1.29TS OPENC	EUR	13,8700	13,8700	13,8700			13,8700					
Certificate	NL0013134281	EUUSD 1.29TS OPENH	EUR	14,7200	14,7200	14,7200			14,7200					
Certificate	DE000CJ3NLF9	EUUSD 1.31TS 1218Z	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	DE000CQ5AWG7	EUUSD 1.31TS OPENC	EUR	16,6100	16,6100	16,6100			16,6100					
Certificate	DE000CY50U86	EUUSD 1.31TS OPENC	EUR	15,9700	15,9700	15,9700			15,9700					
Certificate	DE000CY52XB2	EUUSD 1.31TS OPENC	EUR	15,6200	15,6200	15,6200			15,6200					
Certificate	NL0013184914	EUUSD 1.31TS OPENH	EUR	16,4700	16,4700	16,4700			16,4700					
Certificate	NL0013192354	EUUSD 1.31TS OPENH	EUR	16,4400	16,4400	16,4400			16,4400					
Certificate	NL0013131535	EUUSD 1.32TRSOPENH	EUR	16,8500	16,8500	16,8500			16,8500					
Certificate	DE000CQ5AWH5	EUUSD 1.32TS OPENC	EUR	17,4900	17,4900	17,4900			17,4900					
Certificate	DE000CY52XA4	EUUSD 1.32TS OPENC	EUR	16,5000	16,5000	16,5000			16,5000					
Certificate	DE000CY52X99	EUUSD 1.33TS OPENC	EUR	17,3800	17,3800	17,3800			17,3800					
Certificate	DE000CY52X81	EUUSD 1.34TS OPENC	EUR	18,2700	18,2700	18,2700			18,2700					
Certificate	DE000CY50U94	EUUSD 1.34TS OPENC	EUR	18,6100	18,6100	18,6100			18,6100					
Certificate	DE000CJ3NT43	EUUSD 1.35TS 1218Z	EUR	1,9350	1,9350	1,9350			1,9350					
Certificate	DE000CY52XL1	EUUSD 1.35TS OPENC	EUR	20,0300	20,0300	20,0300			20,0300					
Certificate	DE000CY52X73	EUUSD 1.35TS OPENC	EUR	19,1400	19,1400	19,1400			19,1400					
Certificate	NL0011228002	EUUSD 1.35TS OPENH	EUR	21,2900	21,2900	21,2900			21,2900					
Certificate	NL0009755081	EUUSD 1.36TS OPENB	EUR	22,8200	22,8200	22,8200			22,8200					
Certificate	DE000CZ7DVB9	EUUSD 1.45TS OPENZ	EUR	28,2000	28,2000	28,2000	846,0000	1	28,2000		30			
Certificate	DE000CV87HF8	EUUSD 1.49TS OPENZ	EUR	31,7700	31,7700	31,7700			31,7700					
Certificate	NL0012907372	EUUSD.8325TRLOPENH	EUR	26,4800	26,4800	26,4800			26,4800					
Certificate	NL0012906101	EUUSD.8527TRLOPENH	EUR	24,6900	24,6900	24,6900			24,6900					
Certificate	NL0012898902	EUUSD.8793TRLOPENH	EUR	22,3300	22,3300	22,3300			22,3300					
Certificate	NL0012906093	EUUSD.9032TRLOPENH	EUR	20,2100	20,2100	20,2100			20,2100					



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	NL0012904478	EUUSD.9238TRLOPENH	EUR	18,4000	18,4000	18,4000			18,4000					
Certificate	NL0013180581	EUUSD.9626TL OPENH	EUR	15,2500	15,2500	15,2500			15,2500					
Certificate	NL0012898886	EUUSD.9652TRLOPENH	EUR	14,7400	14,7400	14,7400			14,7400					
Certificate	NL0013127897	EUUSD.9754TRLOPENH	EUR	13,8500	13,8500	13,8500			13,8500					
Certificate	NL0013180573	EUUSD.9776TL OPENH	EUR	13,9300	13,9300	13,9300			13,9300					
Certificate	NL0013087778	EUUSD.9809TRLOPENH	EUR	13,3500	13,3500	13,3500			13,3500					
Certificate	NL0013180565	EUUSD.9826TL OPENH	EUR	13,4900	13,4900	13,4900			13,4900					
Certificate	NL0012904460	EUUSD.9946TRLOPENH	EUR	12,1500	12,1500	12,1500			12,1500					
Certificate	NL0013180557	EUUSD.9976TL OPENH	EUR	12,1700	12,1700	12,1700			12,1700					
Certificate	NL0012091367	EUUSD0.852TL OPENH	EUR	25,0100	25,0100	25,0100			25,0100					
Certificate	NL0011593496	EUUSD0.856TL OPENH	EUR	25,4100	25,4100	25,4100			25,4100					
Certificate	NL0012852255	EUUSD0.873TL OPENH	EUR	23,1500	23,1500	23,1500			23,1500					
Certificate	NL0012852222	EUUSD0.899TL OPENH	EUR	20,9100	20,9100	20,9100			20,9100					
Certificate	NL0012852180	EUUSD0.919TL OPENH	EUR	19,1400	19,1400	19,1400			19,1400					
Certificate	DE000CV8ATU1	EUUSD0.934TL OPENZ	EUR	17,4100	17,4100	17,4100			17,4100					
Certificate	NL0012852156	EUUSD0.945TL OPENH	EUR	16,8300	16,8300	16,8300			16,8300					
Certificate	NL0012906085	EUUSD0.948TRLOPENH	EUR	16,2300	16,2300	16,2300			16,2300					
Certificate	NL0012852123	EUUSD0.971TL OPENH	EUR	14,5900	14,5900	14,5900			14,5900					
Certificate	DE000CD64DQ1	EUUSD0.975TL OPENZ	EUR	13,7900	13,7900	13,7900			13,7900					
Certificate	NL0012091342	EUUSD0.992TL OPENH	EUR	12,7300	12,7300	12,7300			12,7300					
Certificate	LU1756896566	EUUSD1.001TCIOPENH	EUR	9,1600	9,1600	9,1600			9,1600					
Certificate	NL0013083918	EUUSD1.002TRLOPENH	EUR	11,5000	11,5000	11,5000			11,5000					
Certificate	NL0013180540	EUUSD1.003TL OPENH	EUR	11,7300	11,7300	11,7300			11,7300					
Certificate	DE000CR6YKU0	EUUSD1.007TL OPENZ	EUR	11,0000	11,0000	11,0000			11,0000					
Certificate	NL0013083900	EUUSD1.007TRLOPENH	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	NL0013083892	EUUSD1.012TRLOPENH	EUR	10,6200	10,6200	10,6200			10,6200					
Certificate	NL0012089197	EUUSD1.013TL OPENH	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	NL0010930905	EUUSD1.014TL OPENB	EUR	11,8450	11,8450	11,8450			11,8450					
Certificate	NL0013180532	EUUSD1.018TL OPENH	EUR	10,3900	10,3900	10,3900			10,3900					
Certificate	NL0012898860	EUUSD1.021TRLOPENH	EUR	9,8500	9,8500	9,8500			9,8500					
Certificate	NL0012089189	EUUSD1.024TL OPENH	EUR	10,4700	10,4700	9,8700	18777,1500	4	9,8700	1845				
Certificate	DE000CV8ATV9	EUUSD1.026TL OPENZ	EUR	9,2900	9,2900	9,2900			9,2900					
Certificate	NL0013083884	EUUSD1.027TRLOPENH	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	LU1756896723	EUUSD1.031TCIOPENH	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	NL0012852057	EUUSD1.032TL OPENH	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	NL0013083876	EUUSD1.032TRLOPENH	EUR	8,8400	8,8400	8,8400			8,8400					
Certificate	NL0012852040	EUUSD1.037TL OPENH	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	DE000VN66LF1	EUUSD1.038TL OPENV	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	NL0013078199	EUUSD1.038TRLOPENH	EUR	8,3300	8,3300	8,3300			8,3300					
Certificate	NL0013180524	EUUSD1.043TL OPENH	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	DE000VN66LH7	EUUSD1.043TL OPENV	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	NL0013130792	EUUSD1.045TRLOPENH	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	DE000CR6YKV8	EUUSD1.047TL OPENZ	EUR	7,4400	7,4400	7,4400			7,4400					
Certificate	DE000VN66LK1	EUUSD1.048TL OPENV	EUR	1,3550	1,3550	1,3550			1,3550					
Certificate	DE000VN66LL9	EUUSD1.053TL OPENV	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	DE000VN66LA2	EUUSD1.056TL OPENV	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	NL0013188840	EUUSD1.057TL OPENH	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	DE000CD646V0	EUUSD1.057TL OPENZ	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	NL0013083868	EUUSD1.057TRLOPENH	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	NL0012102560	EUUSD1.059BL OPENB	EUR	6,5750	6,5750	6,5750			6,5750					
Certificate	NL0011046560	EUUSD1.059TRLOPENH	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	LU1756897028	EUUSD1.061TCIOPENH	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0012896047	EUUSD1.062TL OPENH	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	DE000VA9CWU1	EUUSD1.062TL OPENV	EUR	5,7550	5,7550	5,7550			5,7550					
Certificate	NL0013084692	EUUSD1.062TRLOPENH	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	NL0011046172	EUUSD1.063TRLOPENH	EUR											
Certificate	NL0011041371	EUUSD1.064TL OPENH	EUR											
Certificate	DE000VA9CW69	EUUSD1.064TL OPENV	EUR	7,4550	7,4550	7,4550			7,4550					
Certificate	NL0012089130	EUUSD1.067TL OPENH	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	DE000VA9CWW7	EUUSD1.067TL OPENV	EUR	5,3150	5,3150	5,3150			5,3150					
Certificate	DE000CR6YKW6	EUUSD1.067TL OPENZ	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	NL0013082407	EUUSD1.067TRLOPENH	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	NL0011421037	EUUSD1.068TRLOPENH	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	DE000VA9CWX5	EUUSD1.072TL OPENV	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	NL0013083850	EUUSD1.072TRLOPENH	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	DE000VA87D55	EUUSD1.073TL OPENV	EUR	6,5050	6,5050	6,5050			6,5050					
Certificate	NL0011046925	EUUSD1.076TL OPENH	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	DE000VASRER1	EUUSD1.076TL OPENV	EUR	3,4850	3,4850	3,4850			3,4850					
Certificate	DE000VA87DW6	EUUSD1.076TL OPENV	EUR	4,4150	4,4150	4,4150			4,4150					
Certificate	DE000VASREM2	EUUSD1.077TL OPENV	EUR	5,3150	5,3150	5,3150			5,3150					
Certificate	DE000CD63UB9	EUUSD1.077TL OPENZ	EUR	4,7850	4,7850	4,7850			4,7850					
Certificate	NL0012852008	EUUSD1.078TL OPENH	EUR	5,1200	5,1200	5,1200			5,1200					



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	DE000V87D63	EUUSD1.078TL OPENV	EUR	6,0750	6,0750	6,0750			6,0750					
Certificate	NL0012198253	EUUSD1.078TRLOPENH	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	LU1756897374	EUUSD1.081TCIOPENS	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	DE000V8F535	EUUSD1.081TL OPENV	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	DE000V8RENO	EUUSD1.082TL OPENV	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	NL0012102545	EUUSD1.083TL OPENB	EUR	6,4400	6,5300	5,8450	2099,7500	2	5,8450	325				
Certificate	NL0012089114	EUUSD1.083TL OPENH	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	NL0012178131	EUUSD1.084TRLOPENH	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	DE000CJ3P968	EUUSD1.085TL OPENZ	EUR	4,1250	4,1250	4,1250			4,1250					
Certificate	DE000V8AREP5	EUUSD1.087TL OPENV	EUR	4,4350	4,4350	4,4350			4,4350					
Certificate	NL0012851992	EUUSD1.088TL OPENH	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	NL0013152077	EUUSD1.089BL OPENB	EUR	3,9800	3,9850	3,8850	1074,6000	1	3,8850	270				
Certificate	DE000V8AREQ3	EUUSD1.092TL OPENV	EUR	3,9950	3,9950	3,9950			3,9950					
Certificate	NL0013180516	EUUSD1.093TL OPENH	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	NL0013153448	EUUSD1.094BL OPENB	EUR	3,4450	3,4450	3,4450			3,4450					
Certificate	NL0012095228	EUUSD1.096TRLOPENH	EUR	3,8300	3,8300	3,2100	76,6000	1	3,2100	20				
Certificate	NL0013152374	EUUSD1.097TL OPENB	EUR	4,6150	4,6150	4,6150			4,6150					
Certificate	DE000V8A4Y147	EUUSD1.097TL OPENV	EUR	3,4650	3,4650	3,4650			3,4650					
Certificate	DE000CV8A2R8	EUUSD1.097TL OPENZ	EUR	3,0150	3,0150	3,0150			3,0150					
Certificate	NL0013180508	EUUSD1.098TL OPENH	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	NL0013152085	EUUSD1.099BL OPENB	EUR	3,0050	3,0050	3,0050			3,0050					
Certificate	NL0011041421	EUUSD1.099TL OPENH	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	DE000CJ3PKC3	EUUSD1.102TL OPENZ	EUR	2,5650	2,5650	2,5650			2,5650					
Certificate	NL0012094981	EUUSD1.102TRLOPENH	EUR	3,2000	3,4000	2,6500	4160,0900	9	2,6700	1403				
Certificate	NL0013017403	EUUSD1.104BL OPENB	EUR	2,8000	2,8000	2,5550	3061,0000	2	2,5550	1100				
Certificate	NL0012851976	EUUSD1.104TL OPENH	EUR	3,1400	3,1400	2,8100	967,8000	3	2,8100	320				
Certificate	LU1816970674	EUUSD1.105TCIOPENS	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	NL0013180490	EUUSD1.105TL OPENH	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0013134034	EUUSD1.105TRLOPENH	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	NL0010930947	EUUSD1.106TL OPENB	EUR	3,8250	3,8250	3,8250			3,8250					
Certificate	NL0013180482	EUUSD1.106TL OPENH	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	NL0013134026	EUUSD1.106TRLOPENH	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	NL0013152382	EUUSD1.107TL OPENB	EUR	3,9500	3,9500	3,7250	12793,0000	2	3,7250	3300				
Certificate	NL0013180474	EUUSD1.107TL OPENH	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000CNG69M7	EUUSD1.107TL OPENZ	EUR	2,1050	2,1050	2,1050			2,1050					
Certificate	NL0013180466	EUUSD1.108TL OPENH	EUR	2,5500	2,5500	2,4500	12750,0000	1	2,4500	5000				
Certificate	NL0012176713	EUUSD1.108TRLOPENH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0013016132	EUUSD1.109BL OPENB	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	DE000V8F022	EUUSD1.109TL OPENV	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	NL0013180441	EUUSD1.111TL OPENH	EUR	2,2900	2,3000	2,1800	143510,0000	14	2,1800	64000				
Certificate	NL0013133085	EUUSD1.112TL OPENH	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	DE000CV8AVK8	EUUSD1.112TL OPENZ	EUR	1,6650	1,6650	1,6650			1,6650					
Certificate	NL0013133465	EUUSD1.112TRLOPENH	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	NL0013180433	EUUSD1.113TL OPENH	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	NL0013133457	EUUSD1.113TRLOPENH	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0011081849	EUUSD1.114BL OPENB	EUR	1,7000	1,7000	1,6650	2152,2000	1	1,6650	1266				
Certificate	NL0013180425	EUUSD1.114TL OPENH	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	NL0013133077	EUUSD1.115TL OPENH	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0012176663	EUUSD1.115TRLOPENH	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	NL0012105050	EUUSD1.116TL OPENB	EUR	2,9050	2,9050	2,9050			2,9050					
Certificate	NL0013180920	EUUSD1.116TL OPENH	EUR	2,3500	2,3500	1,7500	4700,0000	1	1,7500	2000				
Certificate	NL0013182140	EUUSD1.116TRLOPENH	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0012176655	EUUSD1.116TRLOPENH	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	NL0013132905	EUUSD1.117TL OPENH	EUR	2,3200	2,3200	1,6200	9280,0000	1	1,6200	4000				
Certificate	NL0013180912	EUUSD1.118TL OPENH	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000CR9NZF6	EUUSD1.118TL OPENZ	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0012091763	EUUSD1.118TRLOPENH	EUR	1,7500	1,7500	1,2600	700,0000	1	1,2600	400				
Certificate	NL0013190705	EUUSD1.119TL OPENH	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	NL0013154040	EUUSD1.121TL OPENB	EUR	2,6500	2,6500	2,5250	18786,0000	2	2,5250	7240				
Certificate	NL0012089056	EUUSD1.121TL OPENH	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	NL0012195671	EUUSD1.121TRLOPENH	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0012195887	EUUSD1.122TL OPENH	EUR	1,3400	1,3400	1,2300	536,0000	1	1,2300	400				
Certificate	NL0013182314	EUUSD1.122TL OPENH	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	NL0012195663	EUUSD1.122TRLOPENH	EUR	1,1600	1,1600	0,9200	34,8000	1	0,9200	30				
Certificate	NL0012988794	EUUSD1.123BL OPENB	EUR	1,5500	1,5550	0,8650	2130,0000	4	0,8850	1800				
Certificate	NL0012195879	EUUSD1.123TL OPENH	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CV8ATW7	EUUSD1.123TL OPENZ	EUR	0,8700	0,9200	0,7700	1790,0000	2	0,7700	2000				
Certificate	NL0012091755	EUUSD1.123TRLOPENH	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0013184997	EUUSD1.124TL OPENH	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000V8AC266	EUUSD1.124TL OPENV	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	NL0012095210	EUUSD1.124TRLOPENH	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	NL0013182769	EUUSD1.125TL OPENH	EUR	0,9500	0,9500	0,9500			0,9500					



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	NL0012200794	EUUSD1.125TRLOPENH	EUR	0,8800	0,8800	0,6400	999,8000	3	0,6400	1358				
Certificate	NL0013154461	EUUSD1.126TL OPENB	EUR	2,1050	2,1050	2,1050			2,1050					
Certificate	NL0013184989	EUUSD1.126TL OPENH	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0012089049	EUUSD1.126TL OPENH	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	NL0013182637	EUUSD1.126TRLOPENH	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	NL0013184971	EUUSD1.127TL OPENH	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0013182629	EUUSD1.127TRLOPENH	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0013182751	EUUSD1.128TL OPENH	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	NL0013182611	EUUSD1.128TRLOPENH	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	NL0013188600	EUUSD1.129TRLOPENH	EUR	0,8900	0,9800	0,2000	975,2000	8	0,2100	1680				
Certificate	NL0013186299	EUUSD1.141TRSOPEH	EUR											
Certificate	NL0013186406	EUUSD1.141TS OPENH	EUR											
Certificate	NL0013186398	EUUSD1.142TS OPENH	EUR											
Certificate	NL0013185853	EUUSD1.143TRSOPEH	EUR											
Certificate	NL0013186059	EUUSD1.143TS OPENH	EUR											
Certificate	NL0013185846	EUUSD1.144TRSOPEH	EUR											
Certificate	NL0013186042	EUUSD1.144TS OPENH	EUR											
Certificate	NL0013185838	EUUSD1.145TRSOPEH	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	NL0013186034	EUUSD1.145TS OPENH	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	NL0013185820	EUUSD1.146TRSOPEH	EUR	0,8400	1,3900	0,6700	3511,1400	7	1,3900	3428				
Certificate	NL0013186026	EUUSD1.146TS OPENH	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	NL0013010705	EUUSD1.147TL OPENB	EUR											
Certificate	NL0013185812	EUUSD1.147TRSOPEH	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0013186018	EUUSD1.147TS OPENH	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	NL0013132756	EUUSD1.148TRSOPEH	EUR	1,3600	1,6200	1,3600	340,0000	1	1,6200	250				
Certificate	NL0013132897	EUUSD1.148TS OPENH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0013132749	EUUSD1.149TRSOPEH	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0013180870	EUUSD1.149TS OPENH	EUR	2,0000	2,1800	2,0000	100,0000	1	2,1800	50				
Certificate	NL0013186281	EUUSD1.151TRSOPEH	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	NL0013126022	EUUSD1.151TRSOPEH	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0013186380	EUUSD1.151TS OPENH	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000V9ACWS1	EUUSD1.151TS OPENV	EUR	3,9050	3,9050	3,9050			3,9050					
Certificate	NL0013126014	EUUSD1.152TRSOPEH	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0013126410	EUUSD1.152TS OPENH	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0013126006	EUUSD1.153TRSOPEH	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0013182298	EUUSD1.153TS OPENH	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	NL0013087737	EUUSD1.154TRSOPEH	EUR	1,5200	2,1600	1,5200	306,0000	1	2,1600	200				
Certificate	NL0013186000	EUUSD1.154TS OPENH	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	NL0013087729	EUUSD1.155TRSOPEH	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	NL0013124415	EUUSD1.155TS OPENH	EUR	2,6000	2,6600	2,6000	13000,0000	1	2,6600	5000				
Certificate	DE000V9ACWS5	EUUSD1.155TS OPENV	EUR	2,1950	2,1950	2,1950			2,1950					
Certificate	DE000C3QED2	EUUSD1.155TS OPENZ	EUR	2,1950	2,1950	2,1950			2,1950					
Certificate	NL0013087711	EUUSD1.156TRSOPEH	EUR	2,3300	2,3400	2,3300	512,6000	1	2,3400	220				
Certificate	NL0013184948	EUUSD1.156TS OPENH	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0013190697	EUUSD1.156TS OPENH	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000V9A8F48	EUUSD1.156TS OPENV	EUR	4,3750	4,3750	4,3750			4,3750					
Certificate	NL0013087703	EUUSD1.157TRSOPEH	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0013188204	EUUSD1.157TS OPENH	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	NL0013087695	EUUSD1.158TRSOPEH	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0013189558	EUUSD1.158TS OPENH	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0013124407	EUUSD1.158TS OPENH	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	LU1859833581	EUUSD1.159TPIOPEH	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0013085657	EUUSD1.159TRSOPEH	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0013191356	EUUSD1.159TS OPENH	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	NL0013185150	EUUSD1.159TS OPENH	EUR	2,6800	3,0400	2,6800	26800,0000	1	3,0400	10000				
Certificate	NL0012970065	EUUSD1.161TL OPENB	EUR											
Certificate	NL0013085632	EUUSD1.161TRSOPEH	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0013013964	EUUSD1.161TS OPENB	EUR	4,7650	4,7650	4,7650			4,7650					
Certificate	DE000V9A8FXV2	EUUSD1.161TS OPENV	EUR	4,8350	4,8350	4,8350			4,8350					
Certificate	NL0013085624	EUUSD1.162TRSOPEH	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	NL0013087349	EUUSD1.162TS OPENH	EUR	2,6900	3,2900	2,6800	70610,0000	10	3,2900	26000				
Certificate	NL0013085616	EUUSD1.163TRSOPEH	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	NL0013184930	EUUSD1.163TS OPENH	EUR	2,7900	3,4100	2,6900	65590,0000	9	3,4100	24000				
Certificate	NL0013192362	EUUSD1.163TS OPENH	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0013085608	EUUSD1.164TRSOPEH	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0013184922	EUUSD1.164TS OPENH	EUR	2,8300	3,5000	2,7700	106610,0000	14	3,5000	38000				
Certificate	NL0012907356	EUUSD1.165TRSOPEH	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	NL0012907570	EUUSD1.165TS OPENH	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	NL0013188832	EUUSD1.165TS OPENH	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	DE000V9A8FZ80	EUUSD1.165TS OPENV	EUR	3,0750	3,0750	3,0750			3,0750					
Certificate	DE000C3NZQ6	EUUSD1.165TS OPENZ	EUR	3,0750	3,0750	3,0750			3,0750					
Certificate	DE000V97PVC7	EUUSD1.166TS OPENV	EUR	5,3150	5,3150	5,3150			5,3150					



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	NL0012907349	EUUSD1.167TRSOPENH	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0013130107	EUUSD1.167TRSOPENH	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	NL0013084684	EUUSD1.168TRSOPENH	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0012907562	EUUSD1.168TS OPENH	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	DE000VA8FRX0	EUUSD1.169TS OPENV	EUR	3,5150	3,5150	3,5150			3,5150					
Certificate	LU1840909615	EUUSD1.171TPIOPENS	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	NL0013083835	EUUSD1.171TRSOPENH	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0013006331	EUUSD1.171TS OPENB	EUR	5,6850	5,6850	5,6850			5,6850					
Certificate	DE000VA7PVD5	EUUSD1.171TS OPENV	EUR	5,7750	5,7750	5,7750			5,7750					
Certificate	NL0013131543	EUUSD1.172TRSOPENH	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	NL0013078181	EUUSD1.173TRSOPENH	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	NL0013081672	EUUSD1.173TS OPENH	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0013083827	EUUSD1.174TRSOPENH	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	DE000VA7PU92	EUUSD1.174TS OPENV	EUR	3,9650	3,9650	3,9650			3,9650					
Certificate	NL0012906267	EUUSD1.175TS OPENH	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	NL0012905723	EUUSD1.176TRSOPENH	EUR	3,5200	4,1100	3,5200	1056,0000	1	4,1100	300				
Certificate	DE000VA640R1	EUUSD1.176TS OPENV	EUR	6,2250	6,2250	6,2250			6,2250					
Certificate	DE000CJ3NVW3	EUUSD1.176TS OPENZ	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	NL0013083819	EUUSD1.177TRSOPENH	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	NL0012905863	EUUSD1.177TS OPENH	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	NL0012907059	EUUSD1.177TS OPENH	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	NL0013083801	EUUSD1.178TRSOPENH	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000CV8A2T4	EUUSD1.178TS OPENZ	EUR											
Certificate	NL0013084676	EUUSD1.179TRSOPENH	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	NL0012906259	EUUSD1.179TS OPENH	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	DE000VA640P5	EUUSD1.179TS OPENV	EUR	4,4150	4,4150	4,4150			4,4150					
Certificate	NL0013004104	EUUSD1.181TS OPENB	EUR	6,5950	6,5950	6,5950			6,5950					
Certificate	DE000VA64Y40	EUUSD1.181TS OPENV	EUR	6,6850	6,6850	6,6850			6,6850					
Certificate	DE000CJ3NVX1	EUUSD1.181TS OPENZ	EUR	4,4250	4,4250	4,4250			4,4250					
Certificate	LU1840909706	EUUSD1.183TPIOPENS	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	NL0013082365	EUUSD1.183TRSOPENH	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	NL0012915508	EUUSD1.184TS OPENH	EUR	4,7500	5,2900	4,7500	9500,0000	1	5,2900	2000				
Certificate	DE000VA4Y121	EUUSD1.184TS OPENV	EUR	4,8350	4,8350	4,8350			4,8350					
Certificate	NL0012915953	EUUSD1.185TRSOPENH	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	NL0012920862	EUUSD1.185TS OPENH	EUR	5,4000	5,4000	5,3800	10800,0000	1	5,3800	2000				
Certificate	DE000VA3ECD8	EUUSD1.185TS OPENV	EUR	7,1550	7,1550	7,1550			7,1550					
Certificate	NL0012915946	EUUSD1.186TRSOPENH	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	NL0012915490	EUUSD1.186TS OPENH	EUR	5,4900	5,4900	5,4700	10980,0000	1	5,4700	2000				
Certificate	DE000CV8AJ16	EUUSD1.186TS OPENZ	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	LU1756999378	EUUSD1.187TPIOPENS	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	NL0012922280	EUUSD1.187TS OPENH	EUR	5,5400	5,5500	5,5400	5540,0000	1	5,5500	1000				
Certificate	NL0012902639	EUUSD1.188TRSOPENH	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	NL0012862148	EUUSD1.188TS OPENH	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	DE000VA15U51	EUUSD1.188TS OPENV	EUR	5,2850	5,2850	5,2850			5,2850					
Certificate	NL0012862130	EUUSD1.189TS OPENH	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	NL0012863765	EUUSD1.191TRSOPENH	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0012792659	EUUSD1.191TS OPENB	EUR	7,5350	7,5350	7,5350			7,5350					
Certificate	NL0012862114	EUUSD1.191TS OPENH	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	DE000CV89254	EUUSD1.191TS OPENZ	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	LU1756999535	EUUSD1.192TPIOPENS	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	NL0012863757	EUUSD1.192TRSOPENH	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0012863740	EUUSD1.193TRSOPENH	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	NL0012863948	EUUSD1.193TS OPENH	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	DE000VA15U69	EUUSD1.193TS OPENV	EUR	5,7350	5,7350	5,7350			5,7350					
Certificate	NL0012863930	EUUSD1.194TS OPENH	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	NL0012863724	EUUSD1.195TRSOPENH	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	NL0012863922	EUUSD1.195TS OPENH	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	NL0012862379	EUUSD1.196TS OPENH	EUR	6,3700	6,3700	6,3700			6,3700					
Certificate	DE000VAGT126	EUUSD1.196TS OPENV	EUR	8,0450	8,0450	8,0450			8,0450					
Certificate	DE000CV8AOY8	EUUSD1.196TS OPENZ	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	LU1756999709	EUUSD1.197TPIOPENS	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	NL0012861884	EUUSD1.197TS OPENH	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	NL0012863260	EUUSD1.198TRSOPENH	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0012861876	EUUSD1.198TS OPENH	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	DE000VA15U85	EUUSD1.198TS OPENV	EUR	6,1750	6,1750	6,1750			6,1750					
Certificate	NL0012609655	EUUSD1.199TL OPENH	EUR											
Certificate	NL0012609390	EUUSD1.199TRLOPENH	EUR											
Certificate	NL0012861868	EUUSD1.199TS OPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0012552699	EUUSD1.201TL OPENH	EUR											
Certificate	NL0012861710	EUUSD1.201TRSOPENH	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	NL0012790372	EUUSD1.201TS OPENB	EUR	8,4450	8,4450	8,4450			8,4450					
Certificate	DE000CV88WC2	EUUSD1.201TS OPENZ	EUR	6,2100	6,2100	6,2100			6,2100					



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	NL0012609093	EUUSD1.202TL OPENH	EUR											
Certificate	LU1756856859	EUUSD1.202TPIOPENS	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	NL0012608897	EUUSD1.202TRLOPENH	EUR											
Certificate	NL0012849327	EUUSD1.202TS OPENH	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	NL0012584585	EUUSD1.203TL OPENH	EUR											
Certificate	NL0012861694	EUUSD1.203TRSOPENH	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	NL0012849319	EUUSD1.203TS OPENH	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	DE000VA15RK2	EUUSD1.203TS OPENV	EUR	6,6150	6,6150	6,6150			6,6150					
Certificate	NL0012609085	EUUSD1.204TL OPENH	EUR											
Certificate	NL0012554711	EUUSD1.204TRLOPENH	EUR											
Certificate	NL0012585277	EUUSD1.205TL OPENH	EUR											
Certificate	NL0012850994	EUUSD1.205TRSOPENH	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	NL0012848022	EUUSD1.205TS OPENH	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	DE000VA2T8U8	EUUSD1.205TS OPENV	EUR	8,9650	8,9650	8,9650			8,9650					
Certificate	NL0012585814	EUUSD1.206TRLOPENH	EUR											
Certificate	NL0012848014	EUUSD1.206TS OPENH	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	DE000CV8A0Z5	EUUSD1.206TS OPENZ	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	NL0012848295	EUUSD1.207TRSOPENH	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	NL0012847065	EUUSD1.207TS OPENH	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	NL0012847057	EUUSD1.208TS OPENH	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	DE000VA15RM8	EUUSD1.208TS OPENV	EUR	7,0650	7,0650	7,0650			7,0650					
Certificate	LU1756401268	EUUSD1.209TPIOPENS	EUR	6,8900	6,8900	6,8900			6,8900					
Certificate	NL0012847040	EUUSD1.209TS OPENH	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	NL0012847610	EUUSD1.211TRSOPENH	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	NL0012788442	EUUSD1.211TS OPENB	EUR	9,3550	9,3550	9,3550			9,3550					
Certificate	NL0012846638	EUUSD1.211TS OPENH	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	DE000CV88N27	EUUSD1.211TS OPENZ	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	NL0012846620	EUUSD1.212TS OPENH	EUR	7,7900	7,7900	7,7900			7,7900					
Certificate	DE000VA2T5Y6	EUUSD1.213TS OPENV	EUR	7,5050	7,5050	7,5050			7,5050					
Certificate	NL0012520126	EUUSD1.214TRSOPENH	EUR											
Certificate	NL0012615553	EUUSD1.214TS OPENH	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	NL0012615777	EUUSD1.215TRSOPENH	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	DE000VA2T8W4	EUUSD1.215TS OPENV	EUR	9,8650	9,8650	9,8650			9,8650					
Certificate	NL0012613673	EUUSD1.216TS OPENH	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	DE000CV8A104	EUUSD1.216TS OPENZ	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	DE000VA12DX3	EUUSD1.218TS OPENV	EUR	7,9450	7,9450	7,9450			7,9450					
Certificate	LU1756401342	EUUSD1.219TPIOPENS	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	NL0012612675	EUUSD1.219TRSOPENH	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	NL0012786545	EUUSD1.221TS OPENB	EUR	10,2650	10,2650	10,2650			10,2650					
Certificate	NL0012613632	EUUSD1.221TS OPENH	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	DE000CV88KW5	EUUSD1.221TS OPENZ	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	DE000VA1ZDZ8	EUUSD1.223TS OPENV	EUR	8,1600	8,4050	8,1600	367,2000	1	8,4050	45				
Certificate	NL0012615546	EUUSD1.224TS OPENH	EUR	8,8600	8,8600	8,8600			8,8600					
Certificate	NL0012611545	EUUSD1.225TS OPENH	EUR	8,9500	8,9500	8,9500			8,9500					
Certificate	DE000VA2T8Y0	EUUSD1.225TS OPENV	EUR	10,7750	10,7750	10,7750			10,7750					
Certificate	DE000CJ3NRS9	EUUSD1.226TS OPENZ	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	NL0012612634	EUUSD1.227TRSOPENH	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000VA1ZD14	EUUSD1.228TS OPENV	EUR	8,8450	8,8450	8,8450			8,8450					
Certificate	LU1756820665	EUUSD1.229TPIOPENS	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	NL0012611503	EUUSD1.229TS OPENH	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	NL0012612204	EUUSD1.231TRSOPENH	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	NL0012785588	EUUSD1.231TS OPENB	EUR	11,1750	11,1750	11,1750			11,1750					
Certificate	DE000CV88K04	EUUSD1.231TS OPENZ	EUR	8,8600	8,8600	8,8600			8,8600					
Certificate	NL0012611065	EUUSD1.233TS OPENH	EUR	9,6500	9,6500	9,6500			9,6500					
Certificate	DE000VA1ZD30	EUUSD1.233TS OPENV	EUR	9,2850	9,2850	9,2850			9,2850					
Certificate	NL0012611248	EUUSD1.235TRSOPENH	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	DE000VA2T802	EUUSD1.235TS OPENV	EUR	11,6850	11,6850	11,6850			11,6850					
Certificate	NL0012609614	EUUSD1.237TS OPENH	EUR	10,0100	10,0100	10,0100			10,0100					
Certificate	DE000VA1ZD55	EUUSD1.238TS OPENV	EUR	9,7150	9,7150	9,7150			9,7150					
Certificate	LU1756820822	EUUSD1.239TPIOPENS	EUR	9,5300	9,5300	9,5300			9,5300					
Certificate	NL0012609366	EUUSD1.239TRSOPENH	EUR	9,7000	9,7000	9,7000			9,7000					
Certificate	NL0012609036	EUUSD1.241TS OPENH	EUR	10,3600	10,3600	10,3600			10,3600					
Certificate	DE000CV88H33	EUUSD1.241TS OPENZ	EUR	9,7400	9,7400	9,7400			9,7400					
Certificate	NL0012784540	EUUSD1.242TS OPENB	EUR	12,0850	12,0850	12,0850			12,0850					
Certificate	NL0012609028	EUUSD1.242TS OPENH	EUR	10,4500	10,4500	10,4500			10,4500					
Certificate	NL0012608863	EUUSD1.243TRSOPENH	EUR	10,0500	10,0500	10,0500			10,0500					
Certificate	DE000VA2T828	EUUSD1.245TS OPENV	EUR	12,5650	12,5650	12,5650			12,5650					
Certificate	NL0012600969	EUUSD1.246TS OPENH	EUR	10,8200	10,8200	10,8200			10,8200					
Certificate	NL0012600951	EUUSD1.247TS OPENH	EUR	10,9000	10,9000	10,9000			10,9000					
Certificate	NL0012602163	EUUSD1.248TRSOPENH	EUR	10,4100	10,4100	10,4100			10,4100					
Certificate	DE000VA1SS24	EUUSD1.248TS OPENV	EUR	10,6150	10,6150	10,6150			10,6150					
Certificate	NL0012600688	EUUSD1.249TRSOPENH	EUR	10,5000	10,5000	10,5000			10,5000					



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	NL0012600936	EUUSD1.249TS OPENH	EUR	11,0800	11,0800	11,0800			11,0800					
Certificate	NL0012600647	EUUSD1.253TRSOPENH	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	DE000VA15S32	EUUSD1.253TS OPENV	EUR	11,0550	11,0550	11,0550			11,0550					
Certificate	NL0012581888	EUUSD1.254TS OPENH	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	LU1719404789	EUUSD1.255TPIOPENS	EUR	10,8800	10,8800	10,8800			10,8800					
Certificate	NL0012582050	EUUSD1.257TRSOPENH	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	NL0012605372	EUUSD1.257TS OPENH	EUR	11,7900	11,7900	11,7900			11,7900					
Certificate	NL0012582043	EUUSD1.258TRSOPENH	EUR	11,3300	11,3300	11,3300			11,3300					
Certificate	DE000CV52XG1	EUUSD1.261TS OPENC	EUR	11,2100	11,2100	11,2100			11,2100					
Certificate	NL0012560254	EUUSD1.261TS OPENH	EUR	12,1100	12,1100	12,1100			12,1100					
Certificate	NL0012581748	EUUSD1.262TRSOPENH	EUR	11,7000	11,7000	11,7000			11,7000					
Certificate	NL0012560734	EUUSD1.264TRSOPENH	EUR	11,8900	11,8900	11,8900			11,8900					
Certificate	NL0012088728	EUUSD1.264TS OPENH	EUR	12,4000	12,4000	12,4000			12,4000					
Certificate	LU1695202082	EUUSD1.265TPIOPENS	EUR	11,6800	11,6800	11,6800			11,6800					
Certificate	NL0012560221	EUUSD1.265TS OPENH	EUR	12,4700	12,4700	12,4700			12,4700					
Certificate	DE000VL2FQ84	EUUSD1.265TS OPENV	EUR	11,9350	11,9350	11,9350			11,9350					
Certificate	NL0012436257	EUUSD1.268TRSOPENH	EUR	12,2500	12,2500	12,2500			12,2500					
Certificate	NL0012560700	EUUSD1.269TRSOPENH	EUR	12,3400	12,3400	12,3400			12,3400					
Certificate	NL0012560999	EUUSD1.269TS OPENH	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	NL0010155818	EUUSD1.272TL OPENA	EUR											
Certificate	NL0012563597	EUUSD1.272TS OPENH	EUR	13,1000	13,1000	13,1000			13,1000					
Certificate	NL0011040993	EUUSD1.272TS OPENH	EUR	14,2400	14,2400	14,2400			14,2400					
Certificate	NL0012563589	EUUSD1.273TS OPENH	EUR	13,1900	13,1900	13,1900			13,1900					
Certificate	NL0012560668	EUUSD1.274TRSOPENH	EUR	12,7900	12,7900	12,7900			12,7900					
Certificate	NL0012554513	EUUSD1.275TRSOPENH	EUR	12,8700	12,8700	12,8700			12,8700					
Certificate	DE000VL2FRA8	EUUSD1.275TS OPENV	EUR	12,8250	12,8250	12,8250			12,8250					
Certificate	NL0012563860	EUUSD1.276TRSOPENH	EUR	12,9700	12,9700	12,9700			12,9700					
Certificate	NL0010155826	EUUSD1.276TS OPENA	EUR											
Certificate	NL0012563845	EUUSD1.278TRSOPENH	EUR	13,1500	13,1500	13,1500			13,1500					
Certificate	NL0010876660	EUUSD1.278TS OPENB	EUR	15,3350	15,3350	15,3350			15,3350					
Certificate	NL0012580807	EUUSD1.278TS OPENH	EUR	13,6400	13,6400	13,6400			13,6400					
Certificate	NL0012552467	EUUSD1.282TS OPENH	EUR	13,9700	13,9700	13,9700			13,9700					
Certificate	NL0013182132	EUUSD1.285TRSOPENH	EUR	13,7300	13,7300	13,7300			13,7300					
Certificate	DE000CR1JU20	EUUSD1.285TS OPENZ	EUR	13,6600	13,6600	13,6600			13,6600					
Certificate	NL0012554489	EUUSD1.291TRSOPENH	EUR	14,2200	14,2200	14,2200			14,2200					
Certificate	NL0013180748	EUUSD1.295TRSOPENH	EUR	14,6300	14,6300	14,6300			14,6300					
Certificate	NL0013180862	EUUSD1.295TS OPENH	EUR	15,1600	15,1600	15,1600			15,1600					
Certificate	DE000CE6EJA1	EUUSD1.295TS OPENZ	EUR	14,5500	14,5500	14,5500			14,5500					
Certificate	NL0012559512	EUUSD1.296TRSOPENH	EUR	14,6700	14,6700	14,6700			14,6700					
Certificate	NL0010519880	EUUSD1.299BS OPENB	EUR	15,0700	15,0700	15,0700			15,0700					
Certificate	NL0013083793	EUUSD1.302TRSOPENH	EUR	15,2000	15,2000	15,2000			15,2000					
Certificate	NL0012560189	EUUSD1.302TS OPENH	EUR	15,7600	15,7600	15,7600			15,7600					
Certificate	NL0013083785	EUUSD1.307TRSOPENH	EUR	15,6400	15,6400	15,6400			15,6400					
Certificate	NL0013188824	EUUSD1.312TS OPENH	EUR	16,6400	16,6400	16,6400			16,6400					
Certificate	DE000CR1JDN2	EUUSD1.312TS OPENZ	EUR	16,0700	16,0700	16,0700			16,0700					
Certificate	NL0012563837	EUUSD1.316TRSOPENH	EUR	16,4400	16,4400	16,4400			16,4400					
Certificate	NL0013085889	EUUSD1.322TRSOPENH	EUR	16,9600	16,9600	16,9600			16,9600					
Certificate	NL0013083777	EUUSD1.322TRSOPENH	EUR	16,9700	16,9700	16,9700			16,9700					
Certificate	NL0012851950	EUUSD1.322TS OPENH	EUR	17,5800	17,5800	17,5800			17,5800					
Certificate	DE000CV4ZKR2	EUUSD1.322TS OPENZ	EUR	16,9600	16,9600	16,9600			16,9600					
Certificate	NL0013083769	EUUSD1.327TRSOPENH	EUR	17,4100	17,4100	17,4100			17,4100					
Certificate	NL0013083751	EUUSD1.332TRSOPENH	EUR	17,8500	17,8500	17,8500			17,8500					
Certificate	DE000CV4ZR52	EUUSD1.332TS OPENZ	EUR	17,8400	17,8400	17,8400			17,8400					
Certificate	NL0006280570	EUUSD1.337TS OPENB	EUR	20,7400	20,7400	20,7400			20,7400					
Certificate	NL0012851919	EUUSD1.342TS OPENH	EUR	19,3600	19,3600	19,3600			19,3600					
Certificate	DE000CV4ZR60	EUUSD1.342TS OPENZ	EUR	18,7300	18,7300	18,7300			18,7300					
Certificate	NL0012904445	EUUSD1.343TRSOPENH	EUR	18,8400	18,8400	18,8400			18,8400					
Certificate	NL0006215667	EUUSD1.349TS OPENB	EUR	21,8200	21,8200	21,8200			21,8200					
Certificate	NL0012851893	EUUSD1.352TS OPENH	EUR	20,2600	20,2600	20,2600			20,2600					
Certificate	DE000CV4ZV80	EUUSD1.352TS OPENZ	EUR	19,6000	19,6000	19,6000			19,6000					
Certificate	NL0012851869	EUUSD1.367TS OPENH	EUR	21,6000	21,6000	21,6000			21,6000					
Certificate	NL0012898845	EUUSD1.368TRSOPENH	EUR	21,0400	21,0400	21,0400			21,0400					
Certificate	DE000CZ7DV92	EUUSD1.371TS OPENZ	EUR	21,2700	21,2700	21,2700			21,2700					
Certificate	NL0006217283	EUUSD1.377TS OPENB	EUR	24,3700	24,3700	24,3700			24,3700					
Certificate	NL0012851828	EUUSD1.387TS OPENH	EUR	23,3700	23,3700	23,3700			23,3700					
Certificate	NL0012906077	EUUSD1.398TRSOPENH	EUR	23,7200	23,7200	23,7200			23,7200					
Certificate	NL0012851786	EUUSD1.407TS OPENH	EUR	25,1400	25,1400	25,1400			25,1400					
Certificate	DE000CV87HE1	EUUSD1.411TS OPENZ	EUR	24,8100	24,8100	24,8100			24,8100					
Certificate	NL0006280588	EUUSD1.412TS OPENB	EUR	27,5000	27,5000	27,5000			27,5000					
Certificate	NL0012851745	EUUSD1.427TS OPENH	EUR	26,9200	26,9200	26,9200			26,9200					
Certificate	NL0012904437	EUUSD1.428TRSOPENH	EUR	26,3700	26,3700	26,3700			26,3700					
Certificate	NL0012851703	EUUSD1.447TS OPENH	EUR	28,7000	28,7000	28,7000			28,7000					



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	NL0012906069	EUUSD1.458TRSOPENH	EUR	29,0200	29,0200	29,0200			29,0200					
Certificate	NL0012851661	EUUSD1.467TS OPENH	EUR	30,4800	30,4800	30,4800			30,4800					
Certificate	NL0012898803	EUUSD1.483TRSOPENH	EUR	31,2200	31,2200	31,2200			31,2200					
Certificate	NL0011231238	EUUSD1.483TS OPENH	EUR	33,2000	33,2000	33,2000			33,2000					
Certificate	NL0012851620	EUUSD1.487TS OPENH	EUR	32,2600	32,2600	32,2600			32,2600					
Certificate	NL0012851588	EUUSD1.507TS OPENH	EUR	34,0300	34,0300	34,0300			34,0300					
Certificate	NL0012851547	EUUSD1.527TS OPENH	EUR	35,8200	35,8200	35,8200			35,8200					
Certificate	NL0012860233	EUUSD1.547TS OPENH	EUR	37,5900	37,5900	37,5900			37,5900					
Certificate	NL0011887989	EUUSF1.048TRLOPENH	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	DE000CD62221	EUZAR 18.2TS OPENZ	EUR	12,4900	12,4900	12,4900			12,4900					
Certificate	DE000CE6E168	EUZAR 19.2TS OPENZ	EUR	18,6700	18,6700	18,6700			18,6700					
Certificate	DE000CV894G5	EUZAR13.36TL OPENZ	EUR	17,8550	17,8550	17,8550			17,8550					
Certificate	DE000CE6E150	EUZAR14.36TL OPENZ	EUR	11,6600	11,6600	11,6600			11,6600					
Certificate	DE000CE6BL19	EUZAR15.41TL OPENZ	EUR	6,1500	6,1500	5,2050	615,0000	1	5,2050	100				
Certificate	DE000CJ3PA18	EUZAR17.21TS OPENZ	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	DE000CV88839	EUZAR20.23TS OPENZ	EUR	25,0100	25,0100	25,0100			25,0100					
Certificate	DE000CE6CXQ2	EVTG 11.38TL OPENZ	EUR	6,2050	6,9400	6,2050			6,9400					
Certificate	DE000CV88R23	EVTG 12.38TL OPENZ	EUR	5,2200	5,9600	5,2200			5,9600					
Certificate	DE000CV892M7	EVTG 13.38TL OPENZ	EUR	4,2350	4,9700	4,2350			4,9700					
Certificate	DE000CJ3N8J7	EVTG 14.86TL OPENZ	EUR	2,7650	3,4900	2,7650			3,4900					
Certificate	DE000CJ3PVL1	EVTG 16.35TL OPENZ	EUR	1,3350	2,0600	1,3350			2,0600					
Certificate	DE000CJ3QH44	EVTG 17.84TL OPENZ	EUR											
Certificate	DE000CJ3QP85	EVTG 19.83TL OPENZ	EUR											
Certificate	NL0009517689	EXXON 47TL OPENB	EUR	28,3100	28,3100	28,3100			28,3100					
Certificate	NL0011729777	EXXON101.8TS OPENH	EUR	2,9500	3,0200	2,9500			3,0200					
Certificate	NL0011732607	EXXON102.6TS OPENH	EUR	3,0200	3,1000	3,0200			3,1000					
Certificate	DE000CR4J0T1	EXXON69.69TL OPENZ	EUR	6,3900	6,3900	5,7200			5,7200					
Certificate	NL0011739172	EXXON88.28TS OPENH	EUR	1,6700	1,7300	1,6700			1,7300					
Certificate	NL0011729785	EXXON90.02TS OPENH	EUR	1,8300	1,9000	1,8300			1,9000					
Certificate	NL0011052170	EXXON90.12TS OPENH	EUR	1,8400	1,9100	1,8400			1,9100					
Certificate	NL0011732615	EXXON90.81TS OPENH	EUR	1,9100	1,9700	1,9100			1,9700					
Certificate	NL0011928379	EXXON98.58TS OPENH	EUR	2,6500	2,7200	2,6500			2,7200					
Certificate	DE000CJ3N4L2	EZJ 7.73TL OPENZ	EUR	3,2000	3,2000	3,1950			3,1950					
Certificate	DE000CJ3PKZ4	EZJ 10.74TL OPENZ	EUR											
Certificate	DE000CJ3NSG2	EZJ 9.247TL OPENZ	EUR	1,5500	1,5500	1,5450			1,5450					
Certificate	NL0011796818	FAGR 5TL OPENB	EUR	11,1850	11,1850	11,1450			11,1450					
Certificate	NL0011806328	FAGR 6TL OPENB	EUR	10,2050	10,2050	10,1650			10,1650					
Certificate	NL0012781645	FAGR 13TL OPENB	EUR	3,4550	3,4550	3,4250			3,4250					
Certificate	NL0011529383	FAGR 1.9TL OPENB	EUR	14,0850	14,0850	14,0550			14,0550					
Certificate	NL0011529391	FAGR 2.9TL OPENB	EUR	13,1750	13,1750	13,1350			13,1350					
Certificate	NL0011648605	FAGR 3.9TL OPENB	EUR	12,1750	12,1750	12,1350			12,1350					
Certificate	NL0011916036	FAGR 7.1TL OPENB	EUR	8,5550	8,5550	8,5250			8,5250					
Certificate	DE000CD62NE0	FAGR 7.6TL OPENZ	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	NL0012029169	FAGR 8.2TL OPENB	EUR	7,5950	7,5950	7,5650			7,5650					
Certificate	DE000CD63MQ4	FAGR 8.6TL OPENZ	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	NL0012109060	FAGR 9.3TL OPENB	EUR	6,6350	6,6350	6,6050			6,6050					
Certificate	NL0012504484	FAGR 9.8TL OPENB	EUR	6,2050	6,2050	6,1750			6,1750					
Certificate	NL0012684955	FAGR 10.4TL OPENB	EUR	5,7150	5,7150	5,6850			5,6850					
Certificate	NL0012684963	FAGR 10.9TL OPENB	EUR	5,2650	5,2650	5,2350			5,2350					
Certificate	NL0012684971	FAGR 11.4TL OPENB	EUR	4,8350	4,8350	4,8050			4,8050					
Certificate	NL0012685564	FAGR 11.9TL OPENB	EUR	4,3850	4,3850	4,3550			4,3550					
Certificate	NL0012780746	FAGR 12.5TL OPENB	EUR	3,8850	3,8850	3,8550			3,8550					
Certificate	NL0012782551	FAGR 13.6TL OPENB	EUR	2,9350	2,9350	2,9050			2,9050					
Certificate	DE000CV88D11	FAGR 13.6TL OPENZ	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	NL0013157068	FAGR 14.1TL OPENB	EUR	1,8750	1,8750	1,8450			1,8450					
Certificate	NL0013157449	FAGR 14.6TL OPENB	EUR											
Certificate	NL0013165459	FAGR 15.1TS OPENB	EUR	2,2250	2,2250	2,1950			2,1950					
Certificate	NL0013015647	FAGR 15.6TS OPENB	EUR	2,8350	2,8350	2,8050			2,8050					
Certificate	NL0013014228	FAGR 16.1TS OPENB	EUR	3,3850	3,3850	3,3550			3,3550					
Certificate	NL0013004245	FAGR 16.7TS OPENB	EUR	4,0250	4,0250	3,9950			3,9950					
Certificate	NL0012994560	FAGR 17.7TS OPENB	EUR	6,2550	6,2550	6,2250			6,2250					
Certificate	DE000CE6BH31	FAGR 9.36TL OPENZ	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000CV50301	FAGR 10.43TL OPENZ	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	DE000CV50322	FAGR 11.48TL OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	DE000CV88BD4	FAGR 12.54TL OPENZ	EUR	0,5800	0,5800	0,5550	348,0000	1	0,5550	600				
Certificate	DE000CJ3QLM8	FAGR 14.61TL OPENZ	EUR											
Certificate	DE000CV88M93	FAGR 16.96TS OPENZ	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	DE000CV89263	FAGR 18.85TS OPENZ	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	DE000CR9RFH5	FAGR 24.83TS OPENZ	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CW42AL4	FBOOK 84TL OPENC	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000CV88BQ6	FBOOK 90TL 1218Z	EUR	4,6150	4,8100	4,6150	48,1000	1	4,7150	10				
Certificate	DE000CX00QC5	FBOOK 100TL OPENC	EUR	2,3500	2,3500	2,3500			2,3500					



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	DE000CP235V8	FBOOK 110TL OPENC	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000CP23326	FBOOK 110TL OPENC	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	DE000CV88BR4	FBOOK 120TL 1218Z	EUR	1,9950	2,0750	1,9950	247,2000	1	2,0750	120				
Certificate	DE000CQ5AF96	FBOOK 120TL OPENC	EUR	2,0600	2,1600	2,0600	61,8000	1	2,1600	30				
Certificate	DE000CP23R52	FBOOK 120TL OPENC	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000CQ5AF54	FBOOK 120TL OPENC	EUR	1,4400	1,5200	1,4400	216,0000	1	1,5200	150				
Certificate	DE000CX01L50	FBOOK 125TS OPENC	EUR											
Certificate	DE000CP23K00	FBOOK 130TL OPENC	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CP235X4	FBOOK 150TS OPENC	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000CP23342	FBOOK 150TS OPENC	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CQ58Z28	FBOOK 160TS OPENC	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CP23K18	FBOOK 160TS OPENC	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CP06P30	FBOOK 170TS OPENC	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000CP06PR8	FBOOK 170TS OPENC	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000CQ58139	FBOOK 180TL OPENC	EUR											
Certificate	DE000CP06537	FBOOK 180TS OPENC	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	DE000CY52AE4	FBOOK 180TS OPENC	EUR											
Certificate	DE000CP064G3	FBOOK 180TS OPENC	EUR	3,2500	3,2900	3,2500	1933,7500	1	3,2900	595				
Certificate	DE000CY52C37	FBOOK 180TS OPENC	EUR											
Certificate	DE000CQ58VQ6	FBOOK 190TS OPENC	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	DE000CQ58TV0	FBOOK 190TS OPENC	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	DE000CQ58147	FBOOK 200TS OPENC	EUR											
Certificate	DE000CQ58VR4	FBOOK 200TS OPENC	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	DE000CQ58A82	FBOOK 200TS OPENC	EUR											
Certificate	DE000CY50W35	FBOOK 200TS OPENC	EUR											
Certificate	DE000CQ58TW8	FBOOK 200TS OPENC	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000CY52JN6	FBOOK 205TS OPENC	EUR											
Certificate	DE000CQ58TX6	FBOOK 210TS OPENC	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	DE000CQ58VS2	FBOOK 210TS OPENC	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	DE000CQ58J18	FBOOK 220TS OPENC	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	DE000CQ58PX4	FBOOK 230TS OPENC	EUR	7,6400	7,6400	7,6400			7,6400					
Certificate	DE000CQ58PY2	FBOOK 240TS OPENC	EUR											
Certificate	DE000CV8AHN1	FBOOK 106.TL OPENZ	EUR	3,1650	3,2550	3,1650			3,2550					
Certificate	NL0012775118	FBOOK 175.BS OPENB	EUR											
Certificate	NL0010155859	FBOOK 22.9TS OPENA	EUR											
Certificate	NL0011042866	FBOOK 67.8TL OPENH	EUR	7,1500	7,2600	7,1500			7,2600					
Certificate	NL0011052253	FBOOK 73.8TL OPENH	EUR	6,6800	6,8000	6,6800			6,8000					
Certificate	NL0010892188	FBOOK 78.7TL OPENB	EUR	60,9300	60,9300	60,9300			60,9300					
Certificate	NL0011052246	FBOOK 79.4TL OPENH	EUR	6,2400	6,3500	6,2400			6,3500					
Certificate	NL0011425319	FBOOK 89.7TL OPENB	EUR	51,8500	51,8500	51,8500			51,8500					
Certificate	DE000CJ3QFN8	FBOOK100.5TL 0319Z	EUR	3,7650	3,8550	3,7650			3,8550					
Certificate	DE000VA90T03	FBOOK107.8TL OPENV	EUR	3,1150	3,1150	3,1150			3,1150					
Certificate	DE000VA90T11	FBOOK110.3TL OPENV	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	NL0011654579	FBOOK111.5TL OPENB	EUR	33,8900	33,8900	33,8900			33,8900					
Certificate	NL0011650742	FBOOK112.28L OPENB	EUR	27,4800	27,4800	27,4800			27,4800					
Certificate	DE000VA90T29	FBOOK112.8TL OPENV	EUR	2,6650	2,6650	2,6650			2,6650					
Certificate	DE000VA90T37	FBOOK115.3TL OPENV	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	DE000CJ3P5H5	FBOOK115.5TL 0319Z	EUR	2,4450	2,5250	2,4450			2,5250					
Certificate	NL0011803945	FBOOK116.9TL OPENB	EUR	29,4300	29,4300	29,4300			29,4300					
Certificate	DE000CJ3QAS8	FBOOK117.4TL OPENZ	EUR	2,1650	2,2450	2,1650			2,2450					
Certificate	NL0011659933	FBOOK117.88L OPENB	EUR	22,5300	22,5300	22,5300			22,5300					
Certificate	DE000VA9C1R1	FBOOK120.2TL OPENV	EUR	1,9900	2,0700	1,9900	3923,5000	4	2,0050	1949				
Certificate	DE000VA8F3G8	FBOOK122.5TL OPENV	EUR	1,6900	1,8600	1,6900	5250,0000	3	1,7850	3000				
Certificate	DE000VA90T45	FBOOK125.3TL OPENV	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000CV89X32	FBOOK125.9TL OPENZ	EUR	1,4350	1,5050	1,4350			1,5050					
Certificate	DE000CJ3P8L1	FBOOK126.5TL 0319Z	EUR	1,4750	1,5550	1,4750			1,5550					
Certificate	DE000CN6LAF3	FBOOK126.6TL OPENZ	EUR	2,7400	2,8900	2,7400			2,8900					
Certificate	DE000VA90T52	FBOOK127.8TL OPENV	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000VA90T60	FBOOK130.3TL OPENV	EUR											
Certificate	DE000VA90Z39	FBOOK132.9TL OPENV	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	DE000VA900H0	FBOOK135.4TL OPENV	EUR											
Certificate	DE000CJ3QRA0	FBOOK135.4TL OPENZ	EUR											
Certificate	DE000VN9HE09	FBOOK135.5TL OPENV	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	DE000VN9HB47	FBOOK137.7TS OPENV	EUR											
Certificate	DE000VN9HG67	FBOOK140.2TS OPENV	EUR											
Certificate	DE000VN9HB54	FBOOK140.2TS OPENV	EUR											
Certificate	DE000VN9G9N2	FBOOK142.7TS OPENV	EUR											
Certificate	NL0013154388	FBOOK143.88S OPENB	EUR											
Certificate	DE000VA9C3Q9	FBOOK145.2TS OPENV	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CJ3QV20	FBOOK145.4TS OPENZ	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	NL0013154636	FBOOK147.5TS OPENB	EUR	15,9100	15,9100	15,1100	1272,8000	1	15,1100	80				
Certificate	DE000VA9C1Q3	FBOOK147.7TS OPENV	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	DE000VA9CX84	FBOOK150.2TS OPENV	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	DE000VA5RLT2	FBOOK151.4TL OPENV	EUR											
Certificate	NL0011597372	FBOOK152.4TS OPENH	EUR											
Certificate	DE000VA9CYB7	FBOOK152.7TS OPENV	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	NL0013149529	FBOOK153.8BS OPENB	EUR	11,4500	11,4500	11,4500			11,4500					
Certificate	DE000VA9CTG6	FBOOK155.2TS OPENV	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	DE000VA8FW67	FBOOK157.7TS OPENV	EUR	1,4250	1,4250	1,4250			1,4250					
Certificate	DE000VA8FS58	FBOOK160.2TS OPENV	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	DE000CJ3PN21	FBOOK160.4TS OPENZ	EUR	1,6950	1,6950	1,6350			1,6350					
Certificate	DE000VA7PSK6	FBOOK162.6TS OPENV	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	NL0013005184	FBOOK163.8BS OPENB	EUR	20,2900	20,2900	20,2900			20,2900					
Certificate	NL0012777007	FBOOK165.1BS OPENB	EUR											
Certificate	DE000VA7PSL4	FBOOK165.1TS OPENV	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	NL0012777247	FBOOK167.5TS OPENB	EUR											
Certificate	NL0013004641	FBOOK167.5TS OPENB	EUR	34,3000	34,3000	34,3000			34,3000					
Certificate	DE000VA7PSM2	FBOOK167.6TS OPENV	EUR	2,3150	2,3150	2,3150			2,3150					
Certificate	NL0010116786	FBOOK17.81TL OPENB	EUR	111,4700	111,4700	111,4700			111,4700					
Certificate	DE000VA7PSN0	FBOOK170.1TS OPENV	EUR	2,5350	2,5350	2,5350			2,5350					
Certificate	DE000VA6D6T8	FBOOK172.6TS OPENV	EUR	2,7550	2,7550	2,7550			2,7550					
Certificate	NL0012995575	FBOOK173.8BS OPENB	EUR	29,1100	29,1100	29,1100			29,1100					
Certificate	DE000CJ3NKA2	FBOOK175.4TS OPENZ	EUR	3,0100	3,0100	2,9550			2,9550					
Certificate	NL0012995831	FBOOK177.5TS OPENB	EUR	43,8900	43,8900	43,8900			43,8900					
Certificate	DE000VA6D534	FBOOK177.6TS OPENV	EUR	3,1950	3,1950	3,1950			3,1950					
Certificate	DE000VA6EGV4	FBOOK180.1TS OPENV	EUR	3,4400	3,4400	3,4150	137,6000	1	3,4150	40				
Certificate	DE000VA5RLP0	FBOOK182.7TS OPENV	EUR	3,6350	3,6350	3,6350			3,6350					
Certificate	NL0012990469	FBOOK183.8BS OPENB	EUR	37,9300	37,9300	37,9300			37,9300					
Certificate	DE000VA5RLQ8	FBOOK187.7TS OPENV	EUR	4,0850	4,0850	4,0850			4,0850					
Certificate	DE000VA5RLR6	FBOOK192.7TS OPENV	EUR	4,5250	4,5250	4,5250			4,5250					
Certificate	NL0012984926	FBOOK193.8BS OPENB	EUR	46,7500	46,7500	46,7500			46,7500					
Certificate	DE000CV8ADH2	FBOOK195.5TS OPENZ	EUR	4,7750	4,7750	4,7250			4,7250					
Certificate	DE000VA5RLS4	FBOOK197.7TS OPENV	EUR	4,9650	4,9650	4,9650			4,9650					
Certificate	DE000VA5RPH8	FBOOK202.7TS OPENV	EUR	5,4050	5,4050	5,4050			5,4050					
Certificate	NL0012984934	FBOOK203.7BS OPENB	EUR	55,5700	55,5700	55,5700			55,5700					
Certificate	NL0012973135	FBOOK227.6TS OPENB	EUR	91,7600	91,7600	91,7600			91,7600					
Certificate	DE000CV4Z951	FBOOK235.8TS OPENZ	EUR	16,6400	16,6400	16,5800			16,5800					
Certificate	NL0010516241	FBOOK49.11TL OPENB	EUR	85,3000	85,3000	85,3000			85,3000					
Certificate	DE000CF80DX8	FBOOK62.34TL OPENC	EUR											
Certificate	DE000CC16AQ9	FBOOK65.72TL OPENC	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	NL0010658084	FBOOK67.65TL OPENB	EUR	70,0000	70,0000	70,0000			70,0000					
Certificate	NL0010661773	FBOOK73.78TL OPENB	EUR	64,9500	64,9500	64,9500			64,9500					
Certificate	DE000CB9YG61	FBOOK78.49TL OPENZ	EUR	11,1600	11,3600	11,1600			11,3600					
Certificate	DE000CJ3N5N5	FBOOK90.64TL OPENZ	EUR	4,5150	4,6150	4,5150			4,6150					
Certificate	DE000VN61YF5	FCHI LEVOPENV	EUR	6,2750	6,2750	6,2750			6,2750					
Certificate	DE000VN61YG3	FCHI LEVOPENV	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000VN61YH1	FCHI LEVOPENV	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000VN61YJ7	FCHI SHROPENV	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	DE000VA234R3	FCHI SHROPENV	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000VN61YL3	FCHI SHROPENV	EUR	0,0650	0,0650	0,0650			0,0650					
Certificate	DE000VN61YK5	FCHI SHROPENV	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	DE000CE6EH79	FCHMI11.98TL OPENZ	EUR	1,5700	1,7550	1,5700			1,7550					
Certificate	DE000CJ3PX52	FCHMI13.47TL OPENZ	EUR											
Certificate	DE000CV8ADV3	FCHMI9.974TL OPENZ	EUR	3,5500	3,7350	3,5500			3,7350					
Certificate	DE000CV8ALY0	FFARM 6.4TL OPENZ	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0013006604	FFARM 8.4BL OPENB	EUR											
Certificate	DE000CJ3QV95	FFARM 5.27TL OPENZ	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000CV8APS3	FFARM 5.87TL OPENZ	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	NL0013164817	FFARM 6.91BL OPENB	EUR	1,6500	1,6500	1,6400			1,6400					
Certificate	DE000CE6CQJ1	FFARM 6.94TL OPENZ	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0013156979	FFARM 7.41BL OPENB	EUR	1,1500	1,1500	1,1400			1,1400					
Certificate	DE000CE6CNE9	FFARM 7.69TL OPENZ	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0013008709	FFARM 7.91BL OPENB	EUR	0,6500	0,6500	0,6400			0,6400					
Certificate	DE000CE6CND1	FFARM 8.43TL OPENZ	EUR											
Certificate	NL0013163322	FFARM 8.87BS OPENB	EUR	0,5900	0,5900	0,5800			0,5800					
Certificate	NL0013147549	FFARM 9.87BS OPENB	EUR	1,5900	1,5900	1,5800			1,5800					
Certificate	NL0013006760	FFARM10.87BS OPENB	EUR	2,5900	2,5900	2,5800			2,5800					
Certificate	NL0012796551	FLOW 32BOC1219Z	EUR	25,8500	25,8500	25,2600			25,2600					
Certificate	NL0012796544	FLOW 34BOC0919Z	EUR	26,9100	26,9100	25,9400			25,9400					
Certificate	DE000CE6FKS8	FLOW 14.2TL OPENZ	EUR	1,4500	1,4500	1,3250			1,3250					
Certificate	NL0012683072	FLOW 19.2TL OPENB	EUR	10,2700	10,2700	9,2500	605,8000	1	9,2500	65				
Certificate	NL0012795793	FLOW 28.5BOC0919Z	EUR	24,8000	24,8000	23,9600			23,9600					
Certificate	NL0012795785	FLOW 29.5BOC0619Z	EUR	26,1800	26,1800	25,1900			25,1900					
Certificate	DE000CV87S17	FLOW 37.3TS OPENZ	EUR	0,9500	1,0750	0,9500			1,0750					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV4YRA6	FLOW 12.54TL OPENZ	EUR	1,6000	1,6000	1,4750			1,4750					
Certificate	NL0012502769	FLOW 12.59TL OPENB	EUR	16,2800	16,2800	15,2600			15,2600					
Certificate	NL0012490635	FLOW 14.12TL OPENB	EUR	14,8900	14,8900	13,8700	721,1400	1	13,8700	51				
Certificate	DE000CE6F322	FLOW 14.57TL OPENZ	EUR	1,3400	1,3400	1,2150			1,2150					
Certificate	NL0012700801	FLOW 14.85TL OPENB	EUR	14,2200	14,2200	13,2000			13,2000					
Certificate	NL0012504492	FLOW 15.42TL OPENB	EUR	13,7100	13,7100	12,6900	4522,7000	1	12,6900	355				
Certificate	DE000CE6EX87	FLOW 15.61TL OPENZ	EUR	1,2400	1,2400	1,1150			1,1150					
Certificate	DE000CN6FY58	FLOW 15.85TL OPENZ	EUR	0,6400	0,6400	0,5800			0,5800					
Certificate	NL0012700819	FLOW 16.17TL OPENB	EUR	13,0200	13,0200	11,9900	1199,0000	1	12,0000	100				
Certificate	DE000CV4YVX0	FLOW 16.63TL OPENZ	EUR	1,1400	1,1400	1,0150			1,0150					
Certificate	DE000CV4YY54	FLOW 17.48TL OPENZ	EUR	1,1300	1,1300	1,0100	1608,8300	4	1,0200	1583				
Certificate	DE000CV4YYU0	FLOW 17.65TL OPENZ	EUR	1,0300	1,0300	0,9150	1953,2300	2	0,9150	2111				
Certificate	NL0012681001	FLOW 17.68TL OPENB	EUR	11,6500	11,6500	10,6300			10,6300					
Certificate	DE000CV4Z2E8	FLOW 18.67TL OPENZ	EUR	0,9300	0,9300	0,8150			0,8150					
Certificate	DE000CV500V7	FLOW 19.62TL OPENZ	EUR	0,9300	0,9300	0,8050			0,8050					
Certificate	DE000CV501B7	FLOW 20.18TL OPENZ	EUR	0,7800	0,7800	0,6550			0,6550					
Certificate	NL0012686612	FLOW 20.72TL OPENB	EUR	8,8900	8,8900	7,8700			7,8700					
Certificate	DE000CV505H5	FLOW 21.67TL OPENZ	EUR	0,6400	0,6400	0,5150	532,0700	2	0,5150	919				
Certificate	DE000CV50632	FLOW 21.72TL OPENZ	EUR	0,7300	0,7300	0,6050	590,7500	4	0,6050	950				
Certificate	NL0012985162	FLOW 22.43TL OPENB	EUR	7,3300	7,3300	6,3100			6,3100					
Certificate	DE000CV505J1	FLOW 23.17TL OPENZ	EUR	0,4900	0,4900	0,3650	3469,7200	10	0,3650	8894				
Certificate	DE000CJ3NM32	FLOW 23.82TL OPENZ	EUR	0,5300	0,5300	0,4050	73,5000	1	0,4050	150				
Certificate	NL0013000698	FLOW 23.94TL OPENB	EUR	5,9600	5,9600	4,9400	5340,0000	2	4,9400	1000				
Certificate	DE000CJ3NZH5	FLOW 24.55TL OPENZ	EUR	0,3500	0,3500	0,2300	4549,6600	10	0,2500	18414				
Certificate	NL0013005440	FLOW 25.41TL OPENB	EUR	4,6100	4,6100	3,5900	199,0000	1	3,5900	50				
Certificate	DE000CJ3PEH5	FLOW 26.04TL OPENZ	EUR	0,2100	0,2100	0,0700	2245,6300	18	0,1000	22957				
Certificate	DE000CJ3PFL4	FLOW 26.31TL OPENZ	EUR	0,2900	0,3200	0,1650	160,0000	2	0,1650	500				
Certificate	NL0013154560	FLOW 26.91TL OPENB	EUR											
Certificate	NL0013157548	FLOW 29.46TS OPENB	EUR	5,0400	6,0000	5,0400			6,0000					
Certificate	NL0013016041	FLOW 31.96TS OPENB	EUR	7,7900	8,7500	7,7900			8,7500					
Certificate	DE000CV89T12	FLOW 32.32TS OPENZ	EUR	0,4500	0,5750	0,4500	1712,0000	2	0,5750	3200				
Certificate	NL0013016066	FLOW 36.96TS OPENB	EUR	13,3400	14,3000	13,3400			14,3000					
Certificate	NL0012782825	FLOW 39.43TS OPENB	EUR	16,0900	17,0500	16,0900	305,6400	1	17,0500	18				
Certificate	NL0009176510	FMOTR 2.7TL OPENB	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	NL0010249736	FMOTR 6.9TL OPENB	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000CR9PCU9	FMOTR13.37TS OPENZ	EUR	4,2950	4,2950	4,2750			4,2750					
Certificate	DE000CN6K214	FNV 56.7TL OPENZ	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	DE000CN6GBC8	FNV 44.75TL OPENZ	EUR	5,0600	5,0700	5,0600			5,0700					
Certificate	DE000CN6JBR0	FNV 50.15TL OPENZ	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000CE6C3Q4	FNV 64.55TL OPENZ	EUR											
Certificate	DE000CJ3QJF6	FNV 64.88TL OPENZ	EUR	1,7000	1,7000	1,6800			1,6800					
Certificate	DE000CD61561	FORTU1.23TL OPENZ	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000CN6HVVH3	FORTU8.047TL OPENZ	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0013005192	FRARI 119.85 OPENB	EUR	2,7950	2,7950	2,6750			2,6750					
Certificate	NL0012104269	FRARI 55.4TL OPENB	EUR	48,4600	48,4600	48,4600			48,4600					
Certificate	NL0012264204	FRARI 81.7TL OPENB	EUR	27,2200	27,2200	27,2200			27,2200					
Certificate	NL0012270144	FRARI 86.9TL OPENB	EUR	23,0400	23,0400	23,0400			23,0400					
Certificate	NL0012277123	FRARI 89.3TL OPENB	EUR	21,0700	21,0700	21,0700			21,0700					
Certificate	DE000CJ3QB24	FRARI102.9TL OPENZ	EUR	0,7300	0,7700	0,7300			0,7700					
Certificate	NL0012998199	FRARI138.98S OPENB	EUR	4,7850	4,7850	4,6550			4,6550					
Certificate	DE000CD63Z81	FRARI58.03TL OPENZ	EUR	4,4400	4,5000	4,4400			4,5000					
Certificate	NL0013151491	FRARI65.468L OPENB	EUR	2,8750	3,0050	2,8750			3,0050					
Certificate	DE000CJ3P9X4	FRARI72.75TL OPENZ	EUR	3,2200	3,2800	3,2200			3,2800					
Certificate	NL0013008691	FRARI75.488L OPENB	EUR	1,8750	2,0050	1,8750			2,0050					
Certificate	NL0012997977	FRARI85.538L OPENB	EUR	0,8750	0,9950	0,8750			0,9950					
Certificate	DE000CV8ALN3	FRARI87.59TL OPENZ	EUR	1,9900	2,0400	1,9900			2,0400					
Certificate	NL0013160898	FRARI95.498L OPENB	EUR											
Certificate	NL0013163314	FRARI99.048S OPENB	EUR	0,8050	0,8050	0,6750			0,6750					
Certificate	NL0011657291	FREEP 8.5TL OPENB	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0012026181	FREEP 10.5TL OPENB	EUR											
Certificate	NL0012054118	FREGD 90.7TS OPENH	EUR	5,7000	5,7800	5,7000			5,7800					
Certificate	DE000CJ3QXA8	FREGD26.21TL OPENZ	EUR	1,4450	1,4450	1,3600			1,3600					
Certificate	DE000CJ3QXB6	FREGD30.71TL OPENZ	EUR	1,0050	1,0050	0,9200			0,9200					
Certificate	DE000CJ3P7M1	FREGD35.23TL OPENZ	EUR	0,5550	0,5550	0,4700			0,4700					
Certificate	NL0013191380	FREGD38.91TL OPENH	EUR	0,4100	0,4100	0,3400			0,3400					
Certificate	DE000CJ3NKX4	FREGD41.27TL OPENZ	EUR											
Certificate	NL0011226097	FREGD43.73TL OPENH	EUR											
Certificate	NL0013191372	FREGD43.91TS OPENH	EUR	0,6800	0,7600	0,6800			0,7600					
Certificate	NL0011226089	FREGD47.98TL OPENH	EUR											
Certificate	NL0013188220	FREGD50.03TL OPENH	EUR											
Certificate	NL0013190713	FREGD51.91TS OPENH	EUR	1,5400	1,6100	1,5400			1,6100					
Certificate	NL0013130545	FREGD57.91TS OPENH	EUR	2,1800	2,2600	2,1800			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	NL0013085061	FREGD63.67TS OPENH	EUR	2,8000	2,8800	2,8000			2,8800					
Certificate	NL0012936637	FREGD70.17TS OPENH	EUR	3,5000	3,5700	3,5000			3,5700					
Certificate	NL0012584593	FREGD72.12TS OPENH	EUR	3,7100	3,7800	3,7100			3,7800					
Certificate	NL0012371868	FREGD73.14TS OPENH	EUR	3,8200	3,8900	3,8200			3,8900					
Certificate	NL0012915599	FREGD77.16TS OPENH	EUR	4,2500	4,3300	4,2500			4,3300					
Certificate	NL0012849368	FREGD78.06TS OPENH	EUR	4,3500	4,4200	4,3500			4,4200					
Certificate	NL0012242135	FREGD78.37TS OPENH	EUR	4,3800	4,4600	4,3800			4,4600					
Certificate	NL0012178974	FREGD83.41TS OPENH	EUR	4,9200	5,0000	4,9200			5,0000					
Certificate	NL0012053490	FREGD90.64TS OPENH	EUR	5,7000	5,7800	5,7000			5,7800					
Certificate	NL0012093801	FREGD90.94TS OPENH	EUR	5,7300	5,8100	5,7300			5,8100					
Certificate	DE000CJ3N3D1	FRES 5.62TL OPENZ	EUR	3,2900	3,2900	3,2050			3,2050					
Certificate	DE000CV8BCX9	FRES 6.53TL OPENZ	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CJ3QN20	FRES 7.44TL OPENZ	EUR	1,4100	1,4100	1,3250			1,3250					
Certificate	NL0012311807	FRESE 107.TS OPENH	EUR	5,2400	5,2700	5,2400			5,2700					
Certificate	NL0013185168	FRESE 66.3TL OPENH	EUR											
Certificate	NL0012561666	FRESE116.5TS OPENH	EUR	6,2600	6,2900	6,2600			6,2900					
Certificate	NL0011225446	FRESE43.94TL OPENH	EUR	2,1600	2,1600	2,1200			2,1200					
Certificate	DE000CJ3QE62	FRESE44.93TL OPENZ	EUR	1,8100	1,8100	1,7800			1,7800					
Certificate	DE000CJ3PC32	FRESE51.97TL OPENZ	EUR	1,1100	1,1100	1,0800			1,0800					
Certificate	NL0011225438	FRESE52.43TL OPENH	EUR	1,3700	1,3700	1,3300			1,3300					
Certificate	DE000CR9RQQ3	FRESE60.03TL OPENZ	EUR	0,3300	0,3300	0,2900			0,2900					
Certificate	NL0011225420	FRESE60.92TL OPENH	EUR	0,5700	0,5700	0,5400			0,5400					
Certificate	NL0013191364	FRESE66.03TS OPENH	EUR	0,8400	0,8800	0,8400			0,8800					
Certificate	DE000CJ3QP93	FRESE67.99TL OPENZ	EUR											
Certificate	NL0013188212	FRESE72.27TL OPENH	EUR											
Certificate	NL0013189566	FRESE74.03TS OPENH	EUR	1,6900	1,7300	1,6900			1,7300					
Certificate	NL0013085046	FRESE79.56TS OPENH	EUR	2,2900	2,3200	2,2900			2,3200					
Certificate	NL0012935712	FRESE93.45TS OPENH	EUR	3,7800	3,8100	3,7800			3,8100					
Certificate	NL0011929872	FRESE95.41TS OPENH	EUR	3,9900	4,0300	3,9900			4,0300					
Certificate	NL0011225354	FRESE98.28TS OPENH	EUR	4,3000	4,3300	4,3000			4,3300					
Certificate	NL0010048492	FT100 3910TL OPENB	EUR	33,3150	33,3150	33,3150			33,3150					
Certificate	NL0010288601	FT100 4650TL OPENB	EUR	25,4150	25,4150	25,4150			25,4150					
Certificate	NL0010733788	FTEPR STN0920V	EUR											
Certificate	DE000CJ3PPU4	FTI 14.47TL OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	DE000CJ3P7Q2	FTI 16.97TL OPENZ	EUR	0,3600	0,3700	0,3250	730,0000	2	0,3250	2000				
Certificate	DE000CNGHXJ5	FTI 18.98TL OPENZ	EUR											
Certificate	DE000CE6DL58	FTI 29.48TS OPENZ	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	DE000VN61ZY3	FTMIB LEVOPENV	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	DE000VN61Z20	FTMIB LEVOPENV	EUR	0,0260	0,0260	0,0260			0,0260					
Certificate	DE000VN61ZX5	FTMIB LEVOPENV	EUR	2,4750	2,4750	2,4750			2,4750					
Certificate	DE000VL51Z66	FTMIB SHROPENV	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000VN61Z21	FTMIB SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN61Z13	FTMIB SHROPENV	EUR	0,1150	0,1150	0,1150			0,1150					
Certificate	DE000VA1ZHT2	FTMIB SHROPENV	EUR	11,4150	11,4150	11,4150			11,4150					
Certificate	DE000VN61Z05	FTMIB SHROPENV	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0009335876	FTS4020750TL OPENB	EUR	16,2550	16,2550	16,2550			16,2550					
Certificate	NL0009335884	FTS4028660TL OPENB	EUR	11,7950	11,7950	11,7950			11,7950					
Certificate	DE000VN61ZT3	FTSE LEVOPENV	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	DE000VN61Z55	FTSE LEVOPENV	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000VN61ZR7	FTSE LEVOPENV	EUR	5,8250	5,8250	5,8250			5,8250					
Certificate	DE000VN61ZV9	FTSE SHROPENV	EUR	1,5250	1,5250	1,5250			1,5250					
Certificate	DE000VN61ZU1	FTSE SHROPENV	EUR	3,9400	4,1600	3,9300	472,8000	1	4,1600	120				
Certificate	DE000VN61ZW7	FTSE SHROPENV	EUR	0,4100	0,4100	0,3950	410,0000	1	0,3950	1000				
Certificate	DE000CX002X8	FUGRO 5TL OPENC	EUR											
Certificate	LU1876930121	FUGRO 6TCIOPENS	EUR	3,7100	3,9500	3,7100			3,9500					
Certificate	LU1876930394	FUGRO 7TCIOPENS	EUR	2,7100	2,9500	2,7100			2,9500					
Certificate	LU1876930477	FUGRO 8TCIOPENS	EUR	1,7300	1,9600	1,7300			1,9600					
Certificate	LU1876930634	FUGRO 9TCIOPENS	EUR	0,7800	1,0000	0,7800			1,0000					
Certificate	LU1817292284	FUGRO 10TCIOPENS	EUR											
Certificate	LU1876935351	FUGRO 11TCIOPENS	EUR											
Certificate	DE000CX599Q7	FUGRO 14TL OPENC	EUR											
Certificate	LU1876935518	FUGRO 14TCIOPENS	EUR	4,7000	4,7000	4,4700			4,4700					
Certificate	LU1876935609	FUGRO 15TCIOPENS	EUR	5,7000	5,7000	5,4700			5,4700					
Certificate	DE000CW3A5Z7	FUGRO 20TS OPENC	EUR											
Certificate	DE000CW0JWP2	FUGRO 25TS OPENC	EUR											
Certificate	NL0013157456	FUGRO 3.8TL OPENB	EUR	5,9700	6,2000	5,9700			6,2000					
Certificate	NL0010896429	FUGRO 7.5TL OPENB	EUR	2,7400	3,0000	2,7400	1260,0000	1	2,9700	420				
Certificate	LU1876930550	FUGRO 8.5TCIOPENS	EUR	1,2500	1,4800	1,2500			1,4800					
Certificate	NL0010896437	FUGRO 8.6TL OPENB	EUR	1,7700	2,0000	1,7700	5770,0000	3	2,0000	3000				
Certificate	DE000CJ3P3E7	FUGRO 8.7TL 0319Z	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	DE000CV8AB89	FUGRO 8.8TL 1218Z	EUR	0,2050	0,2050	0,2050			0,2050					
Certificate	NL0012505291	FUGRO 8.9TL OPENB	EUR	1,2700	1,5200	1,2700	14776,0000	3	1,5000	10050				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012505309	FUGRO 9.2TL OPENB	EUR	0,9800	1,2100	0,9800			1,2100					
Certificate	DE000CJ3P3F4	FUGRO 9.4TL 0319Z	EUR											
Certificate	NL0012505317	FUGRO 9.5TL OPENB	EUR											
Certificate	DE000CV8BEN6	FUGRO 9.8TL 1218Z	EUR											
Certificate	NL0012996995	FUGRO 9.9TL OPENB	EUR											
Certificate	DE000CJ3QPZ1	FUGRO 10.2TL 0319Z	EUR											
Certificate	NL0013153737	FUGRO 10.2TL OPENB	EUR											
Certificate	LU1876930717	FUGRO 10.5TCIOPENS	EUR											
Certificate	NL0013162555	FUGRO 10.8TS OPENB	EUR	2,1700	2,1700	1,9400			1,9400					
Certificate	NL0013162563	FUGRO 11.3TS OPENB	EUR	2,7100	2,7100	2,4800			2,4800					
Certificate	NL0013010101	FUGRO 11.8TS OPENB	EUR	3,3100	3,3100	3,0800			3,0800					
Certificate	NL0013001928	FUGRO 12.3TS OPENB	EUR	3,8400	3,8400	3,6100			3,6100					
Certificate	NL0012796932	FUGRO 12.5BOC0619Z	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	LU1790692450	FUGRO 12.9TPIOPENS	EUR	3,4600	3,4600	3,2300			3,2300					
Certificate	NL0012795694	FUGRO 13.1BOC0619Z	EUR	10,2600	10,2600	10,2600			10,2600					
Certificate	NL0012795702	FUGRO 13.3BOC0919Z	EUR	10,1900	10,1900	10,1900			10,1900					
Certificate	NL0012796569	FUGRO 13.48OC0919Z	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	LU1876935435	FUGRO 13.5TPIOPENS	EUR	4,2000	4,2000	3,9700			3,9700					
Certificate	NL0012796577	FUGRO 13.6BOC1219Z	EUR	10,1400	10,1400	10,1400			10,1400					
Certificate	NL0012795363	FUGRO 13.9BOC1218Z	EUR	13,7100	13,7100	13,7100			13,7100					
Certificate	NL0012795371	FUGRO 14.4BOC0319Z	EUR	11,5850	11,5850	11,5850			11,5850					
Certificate	DE000CV50QM7	FUGRO 14.4TS OPENC	EUR											
Certificate	LU1784830215	FUGRO 16.2TS OPENS	EUR											
Certificate	NL0009678168	FUGRO 49.8TS OPENB	EUR	45,5400	45,5400	45,5400			45,5400					
Certificate	NL0010150512	FUGRO 50.2TL OPENA	EUR											
Certificate	DE000CV8BDB3	FUGRO 6.41TL OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	NL0011230511	FUGRO 8.64TL OPENH	EUR	0,1700	0,2000	0,1700			0,2000					
Certificate	NL0011052865	FUGRO 8.64TL OPENH	EUR	0,1700	0,2000	0,1700			0,2000					
Certificate	DE000CE6EBD2	FUGRO 8.91TL OPENZ	EUR	0,1500	0,1900	0,1500	3386,0200	4	0,1750	20506				
Certificate	LU1612634193	FUGRO 9.37TCIOPENS	EUR											
Certificate	NL0013180946	FUGRO 9.61TL OPENH	EUR											
Certificate	NL0012996821	FUGRO10.01BL OPENB	EUR											
Certificate	DE000CJ3QCR6	FUGRO10.22TL OPENZ	EUR											
Certificate	NL0013164106	FUGRO10.29BS OPENB	EUR	1,1000	1,1000	0,8700			0,8700					
Certificate	DE000CJ3QU88	FUGRO11.05TS OPENZ	EUR	0,2850	0,2850	0,2850			0,2850					
Certificate	NL0013151657	FUGRO11.29BS OPENB	EUR	2,1000	2,1000	1,8700			1,8700					
Certificate	NL0013180938	FUGRO11.48TS OPENH	EUR	0,3300	0,3300	0,3100			0,3100					
Certificate	LU1859906213	FUGRO11.64TPIOPENS	EUR	2,3300	2,3300	2,1000			2,1000					
Certificate	LU1840380569	FUGRO12.28TPIOPENS	EUR	2,8900	2,8900	2,6600			2,6600					
Certificate	NL0012987515	FUGRO12.29BS OPENB	EUR	3,1000	3,1000	2,8700			2,8700					
Certificate	DE000CV8AXL2	FUGRO12.54TS OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	NL0012986210	FUGRO13.28BS OPENB	EUR	4,0900	4,0900	3,8600			3,8600					
Certificate	NL0012796940	FUGRO13.75BOC1219Z	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	NL0013001738	FUGRO14.27BS OPENB	EUR	5,0800	5,0800	4,8500			4,8500					
Certificate	DE000CE6CE82	FUGRO14.53TS OPENZ	EUR	0,9700	0,9750	0,9700	485,0000	2	0,9750	500				
Certificate	LU1784830306	FUGRO14.85TS OPENS	EUR											
Certificate	NL0011052766	FUGRO25.74TS OPENH	EUR	1,9100	1,9100	1,8900			1,8900					
Certificate	NL0012996573	FUGRO4.886BL OPENB	EUR	4,9300	5,1700	4,9300			5,1700					
Certificate	NL0012488928	FUGRO5.893BL OPENB	EUR	3,9300	4,1600	3,9300			4,1600					
Certificate	NL0012281075	FUGRO6.928BL OPENB	EUR	2,8900	3,1200	2,8900			3,1200					
Certificate	NL0012280945	FUGRO7.966BL OPENB	EUR	1,8700	2,0900	1,8700	93,5000	1	2,0900	50				
Certificate	DE000CE6GE9	FUGRO8.416TL OPENZ	EUR	0,2200	0,2650	0,2200	110,0000	1	0,2650	500				
Certificate	NL0011535059	FUGRO9.003BL OPENB	EUR	0,7900	1,0200	0,7900			1,0200					
Certificate	DE000CN6H8G0	FUGRO9.421TL OPENZ	EUR											
Certificate	NL0009706282	FVLAN 0%FRN02MAY21	EUR	114,3000	114,3000	114,3000			114,3000					
Certificate	DE000CE6CDS0	FVS LEVOPENZ	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CE6CDT8	FVS SHROPEMZ	EUR	11,2800	11,2800	11,2800			11,2800					
Certificate	NL0012789622	FVS 16TS OPENB	EUR											
Certificate	NL0013002736	FVS 11.7TL OPENB	EUR	9,6300	9,6300	9,6300			9,6300					
Certificate	NL0013002744	FVS 12.7TL OPENB	EUR	8,7700	8,7700	8,7200	438,5000	1	8,7200	50				
Certificate	NL0013161664	FVS 1571TL OPENB	EUR											
Certificate	NL0012776264	FVS 17.5TL OPENB	EUR											
Certificate	NL0013164213	FVS 17.7TL OPENB	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	DE000CN6GXU4	FVS 19.2TL OPENZ	EUR											
Certificate	DE000CV87LA1	FVS 38.2TS OPENZ	EUR	30,9050	30,9050	30,9050			30,9050					
Certificate	DE000CV4ZTK8	FVS 9.08TL OPENZ	EUR	11,7750	11,7750	11,7750			11,7750					
Certificate	DE000CV4ZTJO	FVS 10.18TL OPENZ	EUR	10,7250	10,7250	10,7250			10,7250					
Certificate	DE000CV4Z5N5	FVS 11.29TL OPENZ	EUR	9,6750	9,6750	9,6750			9,6750					
Certificate	DE000CV4Z2E1	FVS 12.37TL OPENZ	EUR	8,6450	8,6450	8,6450			8,6450					
Certificate	NL0012979561	FVS 13.71TL OPENB	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	NL0013004880	FVS 14.71TL OPENB	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	NL0013163553	FVS 15.71TL OPENB	EUR	5,9900	5,9900	5,9900			5,9900					



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	NL0013163561	FVS 16.71TL OPENB	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	NL0013158140	FVS 17.51TS OPENB	EUR											
Certificate	NL0013165103	FVS 18.69TL OPENB	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	NL0013147671	FVS 19.51TS OPENB	EUR											
Certificate	NL0012970081	FVS 21.49TS OPENB	EUR	3,5800	3,5800	3,5800				3,5800				
Certificate	DE000CV88KY1	FVS 23.14TS OPENZ	EUR	10,8250	10,8250	10,8250				10,8250				
Certificate	DE000CV88BT0	FVS 26.93TS OPENZ	EUR	15,8850	15,8850	15,8850				15,8850				
Certificate	NL0012688063	FVS 27.36TS OPENB	EUR	10,1000	10,1000	10,1000				10,1000				
Certificate	DE000CV87L87	FVS 30.71TS OPENZ	EUR	20,9150	20,9150	20,9150				20,9150				
Certificate	NL0012106041	FVS 33.27TS OPENB	EUR	16,6500	16,6500	16,6500				16,6500				
Certificate	DE000CV87L95	FVS 34.45TS OPENZ	EUR	25,9050	25,9050	25,9050				25,9050				
Certificate	NL0012038277	FVS 38.06TS OPENB	EUR	21,9600	21,9600	21,9600				21,9600				
Certificate	NL0012024582	FVS 42.84TS OPENB	EUR	27,2700	27,2700	27,2700				27,2700				
Certificate	DE000CD61XL6	FVS 60.17TS OPENZ	EUR	60,1950	60,1950	60,1950				60,1950				
Certificate	DE000CN6JOL5	FVS 66.71TS OPENZ	EUR	68,9250	68,9250	68,9250				68,9250				
Certificate	DE000VA23427	GAS LEVOPENV	EUR	0,0250	0,0250	0,0250				0,0250				
Certificate	DE000VN61057	GAS LEVOPENV	EUR	0,7850	0,7850	0,7850				0,7850				
Certificate	DE000VN61073	GAS LEVOPENV	EUR	0,0010	0,0010	0,0010				0,0010				
Certificate	DE000VN611A3	GAS SHROPENV	EUR	0,0010	0,0010	0,0010				0,0010				
Certificate	DE000VN61081	GAS SHROPENV	EUR	0,1550	0,1550	0,1550				0,1550				
Certificate	NL0012989263	GAS 2.88TL OPENB	EUR	3,1950	3,1950	3,1950				3,1950				
Certificate	NL0013004062	GAS 3.13TL OPENB	EUR	2,8250	2,8250	2,8250				2,8250				
Certificate	NL0013149560	GAS 3.37TL OPENB	EUR	2,0650	2,0650	2,0650				2,0650				
Certificate	NL0013151707	GAS 3.63TL OPENB	EUR	1,6000	1,6450	1,6000	560,0000	1	1,6450	350				
Certificate	NL0013153075	GAS 3.87TL OPENB	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	NL0013159007	GAS 4.12TL OPENB	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0013161003	GAS 4.59TS OPENB	EUR											
Certificate	NL0013157910	GAS 4.84TS OPENB	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000CJ3QB65	GAS 4.93TS OPENZ	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	NL0013153661	GAS 5.13TS OPENB	EUR	1,5200	1,7750	1,5200	42970,0000	7	1,7750	27000				
Certificate	DE000CJ3NXU3	GAS 2.968TL OPENZ	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000CJ3P851	GAS 3.572TL OPENZ	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	DE000CJ3QB73	GAS 5.623TS OPENZ	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	DE000CD63W01	GASI 10.55TL OPENZ	EUR	3,8700	3,8700	3,7050			3,7050					
Certificate	DE000CD64OK6	GASI 12.04TL OPENZ	EUR	2,3800	2,3800	2,2150			2,2150					
Certificate	DE000CE6DMR1	GASI 13.54TL OPENZ	EUR	0,9000	0,9000	0,7450			0,7450					
Certificate	NL0013158991	GASOI 410TL OPENB	EUR	14,1900	14,1900	14,1900			14,1900					
Certificate	NL0013160203	GASOI 459TL OPENB	EUR	10,0000	10,0000	10,0000			10,0000					
Certificate	NL0012493027	GASOI 485TL OPENB	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	NL0013160211	GASOI 534TL OPENB	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0013160252	GASOI 603TS OPENB	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	NL0013156763	GASOI 631TS OPENB	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	NL0013152358	GASOI 682TS OPENB	EUR	13,8100	13,8100	13,8100			13,8100					
Certificate	NL0013002264	GASOI 732TS OPENB	EUR	18,4300	18,4300	18,4300			18,4300					
Certificate	NL0010910659	GAZPR 2.1TL OPENB	EUR	2,5800	2,5800	2,5100			2,5100					
Certificate	NL0011906482	GBL 68TL OPENB	EUR	12,3500	13,0300	12,3500			13,0300					
Certificate	NL0013165343	GBL 73TL OPENB	EUR	7,7400	8,4200	7,7400			8,4200					
Certificate	NL0009071521	GBL 33.8TL OPENB	EUR	44,2500	44,9300	44,2500			44,9300					
Certificate	NL0010887287	GBL 54.9TL OPENB	EUR	24,5500	25,2300	24,5500			25,2300					
Certificate	NL0010893582	GBL 57.6TL OPENB	EUR	22,0000	22,6800	22,0000			22,6800					
Certificate	NL0013165335	GBL 70.5TL OPENB	EUR	10,0600	10,7400	10,0600			10,7400					
Certificate	NL0012115117	GBL 75.8TL OPENB	EUR											
Certificate	NL0013160617	GBL 78.3TL OPENB	EUR											
Certificate	NL0013162571	GBL 79.8TS OPENB	EUR	10,6100	10,6100	9,9300			9,9300					
Certificate	NL0013011018	GBL 83.8TS OPENB	EUR	14,8300	14,8300	14,1500			14,1500					
Certificate	NL0013007974	GBL 87.7TS OPENB	EUR	19,1100	19,1100	18,4300			18,4300					
Certificate	NL0012680128	GBL 99.5TS OPENB	EUR	31,7900	31,7900	31,1100			31,1100					
Certificate	NL001298215	GBL 104.2BS OPENB	EUR	2,9350	2,9350	2,8650			2,8650					
Certificate	DE000CR9RUJ0	GBL 54.58TL OPENZ	EUR	2,1200	2,1600	2,1200			2,1600					
Certificate	DE000CR1PLO	GBL 60.56TL OPENZ	EUR	1,5200	1,5600	1,5200			1,5600					
Certificate	NL0013155989	GBL 62.92BL OPENB	EUR	1,3550	1,4250	1,3550			1,4250					
Certificate	DE000CN6KC28	GBL 66.45TL OPENZ	EUR	0,9400	0,9700	0,9400			0,9700					
Certificate	NL0013008717	GBL 67.93BL OPENB	EUR	0,8550	0,9150	0,8550			0,9150					
Certificate	NL0012980009	GBL 72.95BL OPENB	EUR	0,3450	0,4150	0,3450			0,4150					
Certificate	DE000CD62L88	GBL 73.38TL OPENZ	EUR	0,2600	0,2900	0,2600			0,2900					
Certificate	NL0013158926	GBL 77.93BL OPENB	EUR											
Certificate	NL0013009004	GBL 84.29BS OPENB	EUR	0,9450	0,9450	0,8750			0,8750					
Certificate	NL001298207	GBL 94.23BS OPENB	EUR	1,9350	1,9350	1,8750			1,8750					
Certificate	DE000CE6C8K6	GBPUS 1.2TL OPENZ	EUR	4,7150	4,7150	4,7150			4,7150					
Certificate	NL0013181233	GBPUS 1.3TRSOPENH	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	NL0012899751	GBPUS .988TROPENH	EUR	23,3400	23,3400	23,3400			23,3400					
Certificate	NL0012171847	GBPUS 1.04TL OPENH	EUR	19,6200	19,6200	19,6200			19,6200					



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
Certificate	NL0012089502	GBPUS 1.24TL OPENH	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0012089494	GBPUS 1.25TL OPENH	EUR											
Certificate	NL0013192065	GBPUS 1.25TRLOPENH	EUR											
Certificate	NL0013191398	GBPUS 1.26TL OPENH	EUR											
Certificate	NL0013127954	GBPUS 1.26TRLOPENH	EUR											
Certificate	NL0013185861	GBPUS 1.29TRLOPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	NL0013134067	GBPUS 1.31TRLOPENH	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	NL0013085707	GBPUS 1.32TRLOPENH	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	NL0012929319	GBPUS 1.33TRLOPENH	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	NL0013083934	GBPUS 1.34TRLOPENH	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	NL0012863294	GBPUS 1.36TRLOPENH	EUR	8,4900	9,5700	8,4900	699,2000	3	9,5700	80				
Certificate	NL0012612790	GBPUS 1.38TRLOPENH	EUR	11,3800	11,3800	11,3800			11,3800					
Certificate	NL0012578991	GBPUS 1.63TS OPENH	EUR	34,9900	34,9900	34,9900			34,9900					
Certificate	NL0012906390	GBPUS.9358TRLOPENH	EUR	27,9500	27,9500	27,9500			27,9500					
Certificate	NL0012906176	GBPUS.9559TRLOPENH	EUR	26,1800	26,1800	26,1800			26,1800					
Certificate	NL0012171938	GBPUS0.945TL OPENH	EUR	27,9900	27,9900	27,9900			27,9900					
Certificate	NL0012171920	GBPUS0.955TL OPENH	EUR	27,0800	27,0800	27,0800			27,0800					
Certificate	NL0012171912	GBPUS0.966TL OPENH	EUR	26,1600	26,1600	26,1600			26,1600					
Certificate	NL0012171904	GBPUS0.976TL OPENH	EUR	25,2500	25,2500	25,2500			25,2500					
Certificate	NL0012171896	GBPUS0.986TL OPENH	EUR	24,3500	24,3500	24,3500			24,3500					
Certificate	NL0012171888	GBPUS0.997TL OPENH	EUR	23,3900	23,3900	23,3900			23,3900					
Certificate	NL0012171870	GBPUS1.008TL OPENH	EUR	22,4800	22,4800	22,4800			22,4800					
Certificate	NL0012171862	GBPUS1.018TL OPENH	EUR	21,5700	21,5700	21,5700			21,5700					
Certificate	NL0012906168	GBPUS1.022TRLOPENH	EUR	20,3700	20,3700	20,3700			20,3700					
Certificate	NL0012171854	GBPUS1.029TL OPENH	EUR	20,5900	20,5900	20,5900			20,5900					
Certificate	NL0012899736	GBPUS1.048TRLOPENH	EUR	18,0200	18,0200	18,0200			18,0200					
Certificate	NL0012171839	GBPUS1.051TL OPENH	EUR	18,6900	18,6900	18,6900			18,6900					
Certificate	NL0012171821	GBPUS1.061TL OPENH	EUR	17,8000	17,8000	17,8000			17,8000					
Certificate	NL0012171813	GBPUS1.072TL OPENH	EUR	16,8700	16,8700	16,8700			16,8700					
Certificate	NL0012904551	GBPUS1.077TRLOPENH	EUR	15,4500	15,4500	15,4500			15,4500					
Certificate	NL0012171805	GBPUS1.082TL OPENH	EUR	15,9700	15,9700	15,9700			15,9700					
Certificate	DE000C3QLB1	GBPUS1.087TL OPENZ	EUR	14,6300	14,6300	14,6300			14,6300					
Certificate	NL0012171797	GBPUS1.092TL OPENH	EUR	15,0800	15,0800	15,0800			15,0800					
Certificate	NL0012171789	GBPUS1.103TL OPENH	EUR	14,1700	14,1700	14,1700			14,1700					
Certificate	NL0012899710	GBPUS1.104TRLOPENH	EUR	13,1000	13,1000	13,1000			13,1000					
Certificate	NL0012171771	GBPUS1.113TL OPENH	EUR	13,2400	13,2400	13,2400			13,2400					
Certificate	NL0012171763	GBPUS1.123TL OPENH	EUR	12,3400	12,3400	12,3400			12,3400					
Certificate	NL0012904544	GBPUS1.128TRLOPENH	EUR	10,9800	10,9800	10,9800			10,9800					
Certificate	NL0012089601	GBPUS1.134TL OPENH	EUR	11,3900	11,3900	11,3900			11,3900					
Certificate	DE000CE6CAT4	GBPUS1.138TL OPENZ	EUR	10,2400	10,2400	10,2400			10,2400					
Certificate	NL0012899694	GBPUS1.144TRLOPENH	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	NL0012089593	GBPUS1.146TL OPENH	EUR	10,4000	10,4000	10,4000			10,4000					
Certificate	NL0012089585	GBPUS1.157TL OPENH	EUR	9,4100	9,4100	9,4100			9,4100					
Certificate	NL0012089577	GBPUS1.168TL OPENH	EUR	8,4700	8,4700	8,4700			8,4700					
Certificate	NL0012904536	GBPUS1.168TRLOPENH	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	NL0012089569	GBPUS1.178TL OPENH	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	NL0012899678	GBPUS1.184TRLOPENH	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	NL0012089551	GBPUS1.188TL OPENH	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	NL0012089544	GBPUS1.199TL OPENH	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	NL0012904528	GBPUS1.203TRLOPENH	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	NL0013017833	GBPUS1.205TL OPENB	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	NL0012089536	GBPUS1.209TL OPENH	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	NL0013189343	GBPUS1.216TRLOPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	NL0012089528	GBPUS1.219TL OPENH	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	NL0012201529	GBPUS1.223TRLOPENH	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0012988950	GBPUS1.226TL OPENB	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	NL0012089510	GBPUS1.229TL OPENH	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0012200323	GBPUS1.229TRLOPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0012863336	GBPUS1.236TRLOPENH	EUR	1,8600	1,8600	1,8600	23250,0000	3	1,3800	12500				
Certificate	NL0013182652	GBPUS1.243TRLOPENH	EUR	1,3200	1,3200	0,8100	16500,0000	3	0,8100	12500				
Certificate	NL0012906382	GBPUS1.248TRLOPENH	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000C3QHN4	GBPUS1.249TL OPENZ	EUR											
Certificate	NL0013192073	GBPUS1.249TRLOPENH	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0013192057	GBPUS1.251TRLOPENH	EUR											
Certificate	NL0013187255	GBPUS1.252TRLOPENH	EUR											
Certificate	NL0013186075	GBPUS1.254TL OPENH	EUR											
Certificate	NL0013185887	GBPUS1.254TRLOPENH	EUR											
Certificate	NL0013085921	GBPUS1.256TRLOPENH	EUR											
Certificate	NL0013181779	GBPUS1.257TL OPENH	EUR											
Certificate	NL0013127988	GBPUS1.257TRLOPENH	EUR											
Certificate	NL0013127970	GBPUS1.258TRLOPENH	EUR											
Certificate	NL0012208037	GBPUS1.258TRLOPENH	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	NL0013127962	GBPUS1.259TRLOPENH	EUR											
Certificate	NL0012208029	GBPUS1.259TRSOPENH	EUR											
Certificate	NL0012200398	GBPUS1.261TRLOPENH	EUR											
Certificate	NL0013126477	GBPUS1.263TL OPENH	EUR											
Certificate	NL0013126170	GBPUS1.263TRLOPENH	EUR											
Certificate	NL0013004096	GBPUS1.264TL OPENB	EUR											
Certificate	NL0012055800	GBPUS1.264TL OPENH	EUR											
Certificate	NL0013126162	GBPUS1.264TRLOPENH	EUR											
Certificate	NL0012199525	GBPUS1.266TRLOPENH	EUR											
Certificate	NL0013126154	GBPUS1.266TRLOPENH	EUR											
Certificate	NL0013126469	GBPUS1.267TL OPENH	EUR											
Certificate	NL0013126147	GBPUS1.267TRLOPENH	EUR											
Certificate	NL0013126139	GBPUS1.268TRLOPENH	EUR											
Certificate	NL0013126121	GBPUS1.269TRLOPENH	EUR											
Certificate	NL0013126451	GBPUS1.271TL OPENH	EUR											
Certificate	NL0012171755	GBPUS1.272TL OPENH	EUR											
Certificate	NL0013124480	GBPUS1.273TL OPENH	EUR											
Certificate	NL0013192040	GBPUS1.285TRSOPENH	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0013192032	GBPUS1.286TRSOPENH	EUR	3,0700	3,0700	3,0700				3,0700				
Certificate	NL0013192370	GBPUS1.286TS OPENH	EUR	4,2200	4,2200	4,2200				4,2200				
Certificate	NL0013187834	GBPUS1.288TRSOPENH	EUR	3,2100	3,2100	3,2100				3,2100				
Certificate	NL0013185879	GBPUS1.289TRSOPENH	EUR	3,3600	3,3600	3,3600				3,3600				
Certificate	NL0013188238	GBPUS1.289TS OPENH	EUR	4,4800	4,4800	4,4800				4,4800				
Certificate	NL0013186067	GBPUS1.291TS OPENH	EUR	4,6400	4,6400	4,6400				4,6400				
Certificate	NL0013181316	GBPUS1.292TRSOPENH	EUR	3,6400	3,6400	3,6400				3,6400				
Certificate	NL0013181308	GBPUS1.293TRSOPENH	EUR	3,7300	3,7300	3,7300				3,7300				
Certificate	NL0013181290	GBPUS1.294TRSOPENH	EUR	3,8200	3,8200	3,8200				3,8200				
Certificate	NL0013181753	GBPUS1.294TS OPENH	EUR	4,8900	4,8900	4,8900				4,8900				
Certificate	NL0013181282	GBPUS1.295TRSOPENH	EUR	3,9100	3,9100	3,9100				3,9100				
Certificate	NL0013181274	GBPUS1.296TRSOPENH	EUR	4,0000	4,0000	4,0000				4,0000				
Certificate	NL0013181266	GBPUS1.297TRSOPENH	EUR	4,0800	4,0800	4,0800				4,0800				
Certificate	NL0013181746	GBPUS1.297TS OPENH	EUR	5,1500	5,1500	5,1500				5,1500				
Certificate	NL0013181258	GBPUS1.298TRSOPENH	EUR	4,1700	4,1700	4,1700				4,1700				
Certificate	NL0013181241	GBPUS1.299TRSOPENH	EUR	4,2600	4,2600	4,2600				4,2600				
Certificate	NL0013182785	GBPUS1.299TS OPENH	EUR	5,3400	5,3400	5,3400				5,3400				
Certificate	NL0013181225	GBPUS1.301TRSOPENH	EUR	4,4400	4,4400	4,4400				4,4400				
Certificate	NL0013181738	GBPUS1.301TS OPENH	EUR	5,5200	5,5200	5,5200				5,5200				
Certificate	NL0013182165	GBPUS1.302TRSOPENH	EUR	4,5200	4,5200	4,5200				4,5200				
Certificate	NL0013182157	GBPUS1.303TRSOPENH	EUR	4,6100	4,6100	4,6100				4,6100				
Certificate	NL0013182330	GBPUS1.303TS OPENH	EUR	5,6900	5,6900	5,6900				5,6900				
Certificate	NL0013183361	GBPUS1.304TRSOPENH	EUR	4,6500	4,6500	4,6500				4,6500				
Certificate	NL0013182645	GBPUS1.305TRSOPENH	EUR	4,7900	4,7900	4,7900				4,7900				
Certificate	NL0013182777	GBPUS1.305TS OPENH	EUR	5,8800	5,8800	5,8800				5,8800				
Certificate	NL0013133473	GBPUS1.307TRSOPENH	EUR	4,9700	4,9700	4,9700				4,9700				
Certificate	NL0013154057	GBPUS1.307TS OPENB	EUR	0,8500	0,8550	0,8450	170,0000	1	0,8550	200				
Certificate	NL0013134075	GBPUS1.308TRSOPENH	EUR	5,0600	5,0600	5,0600				5,0600				
Certificate	NL0013180623	GBPUS1.308TS OPENH	EUR	6,1400	6,1400	6,1400				6,1400				
Certificate	NL0013180755	GBPUS1.309TRSOPENH	EUR	5,1500	5,1500	5,1500				5,1500				
Certificate	NL0013134059	GBPUS1.311TRSOPENH	EUR	5,3200	5,3200	5,3200				5,3200				
Certificate	NL0013134042	GBPUS1.312TRSOPENH	EUR	5,4100	5,4100	5,4100				5,4100				
Certificate	NL0013180615	GBPUS1.312TS OPENH	EUR	6,4900	6,4900	6,4900				6,4900				
Certificate	NL0013132806	GBPUS1.313TRSOPENH	EUR	5,4900	5,4900	5,4900				5,4900				
Certificate	NL0013132798	GBPUS1.314TRSOPENH	EUR	5,5900	5,5900	5,5900				5,5900				
Certificate	NL0013132921	GBPUS1.314TS OPENH	EUR	6,7400	6,7400	6,7400				6,7400				
Certificate	NL0013132780	GBPUS1.315TRSOPENH	EUR	5,6700	5,6700	5,6700				5,6700				
Certificate	NL0013085731	GBPUS1.317TRSOPENH	EUR	5,8400	5,8400	5,8400				5,8400				
Certificate	NL0013085723	GBPUS1.318TRSOPENH	EUR	5,9300	5,9300	5,9300				5,9300				
Certificate	NL0013086150	GBPUS1.318TS OPENH	EUR	7,0800	7,0800	7,0800				7,0800				
Certificate	NL0013085715	GBPUS1.319TRSOPENH	EUR	6,0100	6,0100	6,0100				6,0100				
Certificate	NL0013085699	GBPUS1.321TRSOPENH	EUR	6,1900	6,1900	6,1900				6,1900				
Certificate	NL0013086143	GBPUS1.321TS OPENH	EUR	7,3500	7,3500	7,3500				7,3500				
Certificate	NL0013085681	GBPUS1.322TRSOPENH	EUR	6,2800	6,2800	6,2800				6,2800				
Certificate	NL0013085673	GBPUS1.323TRSOPENH	EUR	6,3700	6,3700	6,3700				6,3700				
Certificate	NL0013085665	GBPUS1.324TRSOPENH	EUR	6,4600	6,4600	6,4600				6,4600				
Certificate	NL0013086135	GBPUS1.324TS OPENH	EUR	7,6200	7,6200	7,6200				7,6200				
Certificate	NL0013130800	GBPUS1.325TRSOPENH	EUR	6,5500	6,5500	6,5500				6,5500				
Certificate	NL0012904171	GBPUS1.326TRSOPENH	EUR	6,6100	6,6100	6,6100				6,6100				
Certificate	NL0012905509	GBPUS1.327TRSOPENH	EUR	6,7100	6,7100	6,7100				6,7100				
Certificate	NL0013083124	GBPUS1.327TS OPENH	EUR	7,8700	7,8700	7,8700				7,8700				
Certificate	NL0012905491	GBPUS1.328TRSOPENH	EUR	6,8000	6,8000	6,8000				6,8000				
Certificate	NL0013085095	GBPUS1.329TS OPENH	EUR	8,0500	8,0500	8,0500				8,0500				
Certificate	NL0012904163	GBPUS1.332TRSOPENH	EUR	7,1500	7,1500	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
Certificate	NL0012982250	GBPUS1.332TS OPENB	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	NL0013085087	GBPUS1.332TS OPENH	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	NL0012905483	GBPUS1.333TRSOPENH	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	NL0013083942	GBPUS1.334TRSOPENH	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	NL0013085079	GBPUS1.335TS OPENH	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	NL0012918965	GBPUS1.336TRSOPENH	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	NL0012905475	GBPUS1.337TRSOPENH	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	NL0012902316	GBPUS1.337TS OPENH	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	NL0013084700	GBPUS1.338TRSOPENH	EUR	7,6900	7,6900	7,6900			7,6900					
Certificate	NL0012918957	GBPUS1.339TRSOPENH	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	NL0013131592	GBPUS1.341TRSOPENH	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	NL0012916373	GBPUS1.342TRSOPENH	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	NL0012902308	GBPUS1.342TS OPENH	EUR	9,2500	9,2500	9,2500			9,2500					
Certificate	NL0013083926	GBPUS1.343TRSOPENH	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	NL0013082423	GBPUS1.344TRSOPENH	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	NL0012866230	GBPUS1.347TRSOPENH	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	NL0012866198	GBPUS1.351TRSOPENH	EUR	8,7900	8,7900	8,7900			8,7900					
Certificate	DE000CV89JC7	GBPUS1.351TS OPENZ	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	NL0012902290	GBPUS1.352TS OPENH	EUR	10,1400	10,1400	10,1400			10,1400					
Certificate	NL0012866156	GBPUS1.355TRSOPENH	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	NL0012793293	GBPUS1.357TS OPENB	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	NL0012888689	GBPUS1.361TS OPENH	EUR	10,9400	10,9400	10,9400			10,9400					
Certificate	NL0012848303	GBPUS1.364TRSOPENH	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	NL0012615801	GBPUS1.368TRSOPENH	EUR	10,3400	10,3400	10,3400			10,3400					
Certificate	NL0012614663	GBPUS1.372TRSOPENH	EUR	10,6900	10,6900	10,6900			10,6900					
Certificate	NL0012612832	GBPUS1.376TRSOPENH	EUR	11,0400	11,0400	11,0400			11,0400					
Certificate	NL0012612758	GBPUS1.384TRSOPENH	EUR	11,7400	11,7400	11,7400			11,7400					
Certificate	NL0012612717	GBPUS1.388TRSOPENH	EUR	12,0900	12,0900	12,0900			12,0900					
Certificate	NL0012903900	GBPUS1.402TS OPENH	EUR	14,6000	14,6000	14,6000			14,6000					
Certificate	NL0012614614	GBPUS1.407TRSOPENH	EUR	13,7700	13,7700	13,7700			13,7700					
Certificate	NL0012785596	GBPUS1.407TS OPENB	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	DE000CV88K12	GBPUS1.411TS OPENZ	EUR	14,2200	14,2200	14,2200			14,2200					
Certificate	NL0012784086	GBPUS1.432TS OPENB	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	NL0012171649	GBPUS1.432TS OPENH	EUR	17,3000	17,3000	17,3000			17,3000					
Certificate	NL0012899645	GBPUS1.434TRSOPENH	EUR	16,1500	16,1500	16,1500			16,1500					
Certificate	NL0012171631	GBPUS1.442TS OPENH	EUR	18,1700	18,1700	18,1700			18,1700					
Certificate	NL0013082415	GBPUS1.444TRSOPENH	EUR	17,0500	17,0500	17,0500			17,0500					
Certificate	NL0012171623	GBPUS1.452TS OPENH	EUR	19,0600	19,0600	19,0600			19,0600					
Certificate	NL0012775266	GBPUS1.456TS OPENB	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	NL0012171615	GBPUS1.461TS OPENH	EUR	19,9300	19,9300	19,9300			19,9300					
Certificate	NL0012904510	GBPUS1.464TRSOPENH	EUR	18,8100	18,8100	18,8100			18,8100					
Certificate	NL0012171607	GBPUS1.471TS OPENH	EUR	20,8200	20,8200	20,8200			20,8200					
Certificate	DE000CE6D608	GBPUS1.471TS OPENZ	EUR	19,5200	19,5200	19,5200			19,5200					
Certificate	NL0012906119	GBPUS1.479TRSOPENH	EUR	20,1400	20,1400	20,1400			20,1400					
Certificate	NL0012898985	GBPUS1.504TRSOPENH	EUR	22,3300	22,3300	22,3300			22,3300					
Certificate	NL0012899637	GBPUS1.514TRSOPENH	EUR	23,2200	23,2200	23,2200			23,2200					
Certificate	NL0012904502	GBPUS1.529TRSOPENH	EUR	24,5600	24,5600	24,5600			24,5600					
Certificate	DE000CE6EUR2	GBPUS1.538TS OPENZ	EUR	25,4800	25,4800	25,4800			25,4800					
Certificate	NL0012898969	GBPUS1.554TRSOPENH	EUR	26,7500	26,7500	26,7500			26,7500					
Certificate	NL0012904494	GBPUS1.579TRSOPENH	EUR	28,9800	28,9800	28,9800			28,9800					
Certificate	DE000CV4ZV98	GBPUS1.609TS OPENZ	EUR	31,7300	31,7300	31,7300			31,7300					
Certificate	NL0012898944	GBPUS1.614TRSOPENH	EUR	32,0500	32,0500	32,0500			32,0500					
Certificate	NL0012904486	GBPUS1.639TRSOPENH	EUR	34,2900	34,2900	34,2900			34,2900					
Certificate	NL0012898928	GBPUS1.674TRSOPENH	EUR	37,3600	37,3600	37,3600			37,3600					
Certificate	NL0012901938	GBPUS1.689TRSOPENH	EUR	38,6900	38,6900	38,6900			38,6900					
Certificate	DE0006874803	GBUGS PI OPENN	EUR	134,7500	134,7500	134,7500			134,7500					
Certificate	NL0012985709	GBUGS 175TS OPENB	EUR	3,6350	3,6350	3,6350			3,6350					
Certificate	NL0011264189	GBUGS 79.7TL OPENB	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	NL0011264197	GBUGS 96.2TL OPENB	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	NL0011639588	GBUGS112.7TL OPENB	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	NL0011642673	GBUGS128.9TL OPENB	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0013010739	GBUGS201.2TS OPENB	EUR	6,2050	6,2050	6,2050			6,2050					
Certificate	NL0012021315	GBUGS232.2TS OPENB	EUR	9,2350	9,2350	9,2350			9,2350					
Certificate	DE000VN61YA6	GDAXI LEVOPENV	EUR	0,0450	0,0450	0,0450			0,0450					
Certificate	DE000VN61X80	GDAXI LEVOPENV	EUR	2,2650	2,2650	2,2650			2,2650					
Certificate	DE000VN61X72	GDAXI LEVOPENV	EUR	9,0050	9,0050	9,0050			9,0050					
Certificate	DE000VN61X98	GDAXI LEVOPENV	EUR	0,3400	0,3450	0,3200	448,8000	2	0,3450	1360				
Certificate	DE000VL51241	GDAXI LEVOPENV	EUR											
Certificate	DE000VL51233	GDAXI LEVOPENV	EUR	0,0850	0,0850	0,0850			0,0850					
Certificate	DE000VL51217	GDAXI LEVOPENV	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	DE000VL51209	GDAXI LEVOPENV	EUR	4,5050	4,5050	4,5050			4,5050					
Certificate	DE000VA234W3	GDAXI SHROPENV	EUR	25,6850	25,6850	25,6850			25,6850					



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	DE000VN61YB4	GDAXI SHROPNV	EUR	8,1650	8,1650	8,1650			8,1650					
Certificate	DE000VN61YD0	GDAXI SHROPNV	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	DE000VN61YE8	GDAXI SHROPNV	EUR	0,2100	0,2450	0,2050	2100,0000	1	0,2450	10000				
Certificate	DE000VN61YC2	GDAXI SHROPNV	EUR	4,2550	4,2550	4,2550			4,2550					
Certificate	NL0000479152	GDRUG PI OPENN	EUR	22,9100	22,9100	22,9100			22,9100					
Certificate	NL0011521554	GE 31.2TS OPENB	EUR	24,7000	24,7000	24,7000			24,7000					
Certificate	NL0011530662	GE 34.5TS OPENB	EUR	27,9200	27,9200	27,9200			27,9200					
Certificate	DE000CJ3PHJ4	GEAUT 13.5TL OPENZ	EUR											
Certificate	DE000CJ3PDM7	GEAUT 13.5TL OPENZ	EUR											
Certificate	DE000CJ3PUB4	GEAUT 13.6TL OPENZ	EUR	0,1900	0,1900	0,1900			0,1900					
Certificate	DE000CJ3N583	GEAUT 9.11TL OPENZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CJ3NYE5	GEAUT10.64TL OPENZ	EUR	0,4900	0,5000	0,4900			0,5000					
Certificate	DE000CJ3NWG4	GEAUT12.15TL OPENZ	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CE6BQB0	GENMA LEVOPENZ	EUR	0,1530	0,1530	0,1380			0,1380					
Certificate	DE000CE6BQA2	GENMA SHROPNV	EUR	0,6920	0,7660	0,6920			0,7660					
Certificate	NL0011425384	GENMA 476TL OPENB	EUR	8,2150	8,2150	8,2150			8,2150					
Certificate	NL0011425392	GENMA 528TL OPENB	EUR	7,5750	7,5750	7,5750			7,5750					
Certificate	NL0011425400	GENMA 581TL OPENB	EUR	6,9250	6,9250	6,9250			6,9250					
Certificate	NL0011442751	GENMA 635TL OPENB	EUR	6,2650	6,2650	6,2650			6,2650					
Certificate	NL0011649959	GENMA 688TL OPENB	EUR	5,6350	5,6350	5,6350			5,6350					
Certificate	NL0011651930	GENMA 740TL OPENB	EUR	4,9950	4,9950	4,9950			4,9950					
Certificate	DE000VA3TFH0	GENMA 1015TS OPENV	EUR											
Certificate	DE000VA3TFJ6	GENMA 1017TS OPENV	EUR											
Certificate	DE000VA64XJ0	GENMA 1057TS OPENV	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000VA64XK8	GENMA 1061TS OPENV	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000VA6D500	GENMA 1109TS OPENV	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000VA6D518	GENMA 1111TS OPENV	EUR	1,9950	1,9950	1,9950			1,9950					
Certificate	NL0013012966	GENMA 1114TS OPENB	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	DE000VA4YOV4	GENMA 1131TS OPENV	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000VASRB46	GENMA 1133TS OPENV	EUR	2,2650	2,2650	2,2650			2,2650					
Certificate	DE000VL76M20	GENMA 1135TL OPENV	EUR											
Certificate	DE000VL76M05	GENMA 1155TL OPENV	EUR											
Certificate	DE000VA32492	GENMA 1155TS OPENV	EUR	2,5450	2,5450	2,5450			2,5450					
Certificate	DE000VA15TN2	GENMA 1157TS OPENV	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	DE000VA4RL52	GENMA 1174TS OPENV	EUR	2,0250	2,0250	2,0250			2,0250					
Certificate	DE000VA5ELM5	GENMA 1191TS OPENV	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	DE000VA4RM44	GENMA 1195TS OPENV	EUR	3,1050	3,1050	3,1050			3,1050					
Certificate	NL0012975700	GENMA 1214TS OPENB	EUR	4,0550	4,0550	4,0550			4,0550					
Certificate	DE000VA1SQK7	GENMA 1237TL OPENV	EUR											
Certificate	DE000VA15S06	GENMA 1237TS OPENV	EUR	3,6350	3,6350	3,6350			3,6350					
Certificate	DE000VA15R64	GENMA 1257TS OPENV	EUR	3,9050	3,9050	3,9050			3,9050					
Certificate	DE000VA15R72	GENMA 1277TS OPENV	EUR	4,1850	4,1850	4,1850			4,1850					
Certificate	DE000VA15Q67	GENMA 1297TS OPENV	EUR											
Certificate	DE000CE6FEB7	GENMA 1319TS OPENZ	EUR	5,3650	5,6500	5,3650			5,6500					
Certificate	DE000CJ3PMN6	GENMA567.3TL OPENZ	EUR	6,9300	6,9300	6,6500			6,6500					
Certificate	DE000CN6JDA2	GENMA635.8TL OPENZ	EUR	6,0850	6,1900	5,8000	1238,0000	1	5,8000	200				
Certificate	DE000VA8F3Y1	GENMA711.1TL OPENV	EUR	4,1650	4,1650	4,1650			4,1650					
Certificate	DE000CJ3N3A7	GENMA713.5TL OPENZ	EUR	5,1100	5,1100	4,8400			4,8400					
Certificate	DE000VA8FOH2	GENMA760.7TL OPENV	EUR	3,9450	3,9450	3,9450			3,9450					
Certificate	DE000VA8FZU9	GENMA761.1TL OPENV	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	DE000CJ3PRQ8	GENMA791.1TL OPENZ	EUR	4,1550	4,1550	3,8800	123,9000	1	3,8800	30				
Certificate	DE000VA8F386	GENMA810.6TS OPENV	EUR											
Certificate	DE000VA8F527	GENMA810.7TL OPENV	EUR	3,3050	3,3050	3,3050			3,3050					
Certificate	DE000VA8F5Y6	GENMA811.2TL OPENV	EUR	2,8250	2,8250	2,8250			2,8250					
Certificate	DE000VA9C2A5	GENMA860.8TL OPENV	EUR	2,6750	2,6750	2,6750			2,6750					
Certificate	DE000VA87GF4	GENMA861.3TL OPENV	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	DE000CJ3PV21	GENMA872.8TL OPENZ	EUR	3,1450	3,1450	2,8600			2,8600					
Certificate	DE000VA9OR13	GENMA910.8TL OPENV	EUR	2,0450	2,0450	2,0450			2,0450					
Certificate	DE000VA9ORS8	GENMA911.8TL OPENV	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	DE000VA9OV66	GENMA960.8TL OPENV	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	DE000VA9OV33	GENMA961.9TL OPENV	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000CJ3QR26	GENMA962.8TL OPENZ	EUR	2,0150	2,0150	1,7300			1,7300					
Certificate	DE000VA2T745	GENMA977.1TS OPENV	EUR											
Certificate	DE000VA3TH65	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 1.24TL OPENZ	EUR	0,7300	0,7500	0,7300			0,7500					
Certificate	DE000CJ3P158	GFS 1.45TL OPENZ	EUR	0,5200	0,5400	0,5200			0,5400					
Certificate	DE000CV880E9	GFS 1.64TL OPENZ	EUR	0,3200	0,3400	0,3200			0,3400					
Certificate	DE000CX598V9	GILEA 60TL OPENC	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CD638X3	GILEA58.56TL OPENZ	EUR	0,5200	0,5500	0,5200			0,5500					



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	DE000CD61PF4	GILEA64.04TL OPENZ	EUR	0,2900	0,3200	0,2900			0,3200					
Certificate	DE000CE6CQM5	GIMV 37.2TL OPENZ	EUR	1,1150	1,1150	1,1150			1,1150					
Certificate	DE000CV89B87	GIMV 28.71TL OPENZ	EUR	1,9250	1,9250	1,9250			1,9250					
Certificate	DE000CE6D6C6	GIMV 33.01TL OPENZ	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	DE000CE6CQL7	GIMV 41.41TL OPENZ	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	DE000CV4ZTV5	GIMV 43.35TL OPENZ	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	DE000CV4YYD6	GIVN 1764TL OPENZ	EUR	2,9250	2,9650	2,9250			2,9650					
Certificate	DE000CV508T4	GIVN 1968TL OPENZ	EUR	2,0450	2,0850	2,0450			2,0850					
Certificate	DE000CV89SN5	GIVN 2171TL OPENZ	EUR	1,1650	1,2050	1,1650			1,2050					
Certificate	DE000CN6FBU2	GLAXO 11.9TL OPENZ	EUR	0,6600	0,6600	0,6550			0,6550					
Certificate	DE000CR9QZV8	GLAXO10.05TL OPENZ	EUR	1,0600	1,0600	1,0550			1,0550					
Certificate	DE000CR9PR57	GLAXO10.88TL OPENZ	EUR	0,8800	0,8800	0,8750			0,8750					
Certificate	DE000CV886G1	GLAXO12.89TL OPENZ	EUR	0,4400	0,4400	0,4350			0,4350					
Certificate	DE000CJ3PF39	GLAXO14.38TL OPENZ	EUR											
Certificate	DE000CR9ROA6	GLAXO9.017TL OPENZ	EUR	1,2900	1,2900	1,2850			1,2850					
Certificate	DE000CN6HWG3	GLENC 0.69TL OPENZ	EUR	2,3600	2,4350	2,3600			2,4350					
Certificate	DE000CN6K8C4	GLENC 1.23TL OPENZ	EUR	1,7900	1,8650	1,7900			1,8650					
Certificate	DE000CD63559	GLENC 1.94TL OPENZ	EUR	1,0500	1,1250	1,0500			1,1250					
Certificate	DE000CD63EL2	GLENC 2.26TL OPENZ	EUR	0,7100	0,7850	0,7100	3465,0000	1	0,7850	4500				
Certificate	DE000CD64C38	GLENC 2.63TL OPENZ	EUR	0,3200	0,3950	0,3200			0,3950					
Certificate	NL0013110422	GLPG LEVOPENZ	EUR	43,4400	43,4400	43,4400			43,4400					
Certificate	XS1894611869	GLPG STN1021B	EUR	98,5500	98,6200	98,5500	2956,5000	1	98,6200	3000				
Certificate	DE000CV50WZ7	GLPG 50TL OPENC	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	DE000CV50UM9	GLPG 50TL OPENC	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	DE000CV50X00	GLPG 55TL OPENC	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	DE000CV50I08	GLPG 56TL OPENC	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CV50I16	GLPG 58TL OPENC	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000CV50I57	GLPG 58TL OPENC	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	DE000CV16M30	GLPG 60TL OPENC	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	DE000CV50I65	GLPG 60TL OPENC	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000CV511D9	GLPG 62TL OPENC	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	LU1876930808	GLPG 64TCIOPENS	EUR	28,0900	28,5700	28,0900			28,5700					
Certificate	DE000CV52BE2	GLPG 65TL OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CV511B3	GLPG 65TL OPENC	EUR	2,5800	2,7000	2,5700	8021,0000	3	2,6500	3030				
Certificate	NL0012700959	GLPG 708L OPENB	EUR	22,6400	23,0600	22,6400			23,0600					
Certificate	DE000CV516N7	GLPG 70TL OPENC	EUR	2,1800	2,3500	2,1700	27153,4600	29	2,3000	12022				
Certificate	DE000CV514E1	GLPG 70TL OPENC	EUR											
Certificate	DE000CQ58089	GLPG 75TL OPENC	EUR											
Certificate	DE000CQ582J7	GLPG 75TL OPENC	EUR											
Certificate	DE000CQ58NF6	GLPG 75TL OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CQ58P02	GLPG 75TL OPENC	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000CQ582K5	GLPG 80TL OPENC	EUR											
Certificate	DE000CQ58097	GLPG 80TL OPENC	EUR											
Certificate	DE000CQ5AK99	GLPG 85TS OPENC	EUR											
Certificate	DE000CQ5ACT2	GLPG 85TS OPENC	EUR											
Certificate	LU1876935781	GLPG 90TPIOPENS	EUR											
Certificate	DE000CP23NK3	GLPG 90TS OPENC	EUR											
Certificate	DE000CP23QE9	GLPG 90TS OPENC	EUR											
Certificate	NL0012976625	GLPG 918OC0619B	EUR	87,9300	87,9500	87,9300			87,9500					
Certificate	LU1876935864	GLPG 92TPIOPENS	EUR											
Certificate	LU1876935948	GLPG 94TPIOPENS	EUR	5,3300	5,3300	4,8600			4,8600					
Certificate	NL0012796957	GLPG 968OC0619Z	EUR	87,3400	87,3400	87,3400			87,3400					
Certificate	LU1876936086	GLPG 96TPIOPENS	EUR	7,2600	7,2600	6,8000			6,8000					
Certificate	DE000CP06PH9	GLPG 100TS OPENC	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CP06MA1	GLPG 100TS OPENC	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0012796403	GLPG 1018OC0919Z	EUR	88,7400	88,7400	88,7400			88,7400					
Certificate	NL0012793038	GLPG 1038OC1218B	EUR	102,3800	102,4400	102,3800			102,4400					
Certificate	NL0012796668	GLPG 1058OC0919Z	EUR	88,8400	88,8400	88,8400			88,8400					
Certificate	NL0012796411	GLPG 1058OC1219Z	EUR	88,9600	88,9600	88,9600			88,9600					
Certificate	NL0012796676	GLPG 1058OC1219Z	EUR	88,9600	88,9600	88,9600			88,9600					
Certificate	DE000CV51AC0	GLPG 110TS OPENC	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000CV51C12	GLPG 110TS OPENC	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	NL0012796684	GLPG 1158OC1219Z	EUR	88,7700	88,7700	88,7700			88,7700					
Certificate	DE000CP06K19	GLPG 120TS OPENC	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000CP06K50	GLPG 120TS OPENC	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	DE000CP06K68	GLPG 130TS OPENC	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	DE000CP06K27	GLPG 130TS OPENC	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	NL0011898101	GLPG 41.3TL OPENB	EUR	53,0600	53,4800	53,0600			53,4800					
Certificate	NL0011818539	GLPG 43.3TL OPENB	EUR	51,2700	51,6900	51,2700			51,6900					
Certificate	NL0011898119	GLPG 45.5TL OPENB	EUR	49,2800	49,7000	49,2800			49,7000					
Certificate	NL0012016281	GLPG 50.3TL OPENB	EUR	44,9000	45,3200	44,8800	449,3000	1	45,3200	10				
Certificate	NL0012016489	GLPG 52.9TL OPENB	EUR	42,5500	42,9700	42,5500			42,9700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012030472	GLPG 55.5TL OPENB	EUR	40,1300	40,5500	40,1300			40,5500					
Certificate	NL0012585293	GLPG 56.7TL OPENH	EUR	3,8900	3,9000	3,8900			3,9000					
Certificate	NL0012100606	GLPG 58.3TL OPENB	EUR	37,5900	38,0100	37,5900	234434,0000	3	38,0100	6200				
Certificate	NL0012108377	GLPG 61.3TL OPENB	EUR	34,8800	35,3000	34,8800			35,3000					
Certificate	NL0012488019	GLPG 66.4TL OPENB	EUR	30,2400	30,6600	30,2400			30,6600					
Certificate	NL0012692172	GLPG 69.4TL OPENB	EUR	27,5000	27,9200	27,5000			27,9200					
Certificate	NL0012976898	GLPG 72.5TL OPENB	EUR	24,7100	25,1300	24,7100			25,1300					
Certificate	NL0012976906	GLPG 75.5TL OPENB	EUR	21,9600	22,3800	21,9600			22,3800					
Certificate	NL0012978407	GLPG 78.5TL OPENB	EUR	19,2400	19,8300	19,2400	1983,0000	1	19,6600	100				
Certificate	NL0012997001	GLPG 81.5TL OPENB	EUR	16,5300	16,9500	16,5300			16,9500					
Certificate	NL0012996839	GLPG 82.1BL OPENB	EUR	10,5400	11,4100	9,2800	14127,2500	8	10,9600	1385				
Certificate	NL0013153398	GLPG 95.1TS OPENB	EUR	1,4950	1,4950	1,4100	7150,0000	2	1,4450	5000				
Certificate	LU1784830991	GLPG 96.8TS OPENS	EUR											
Certificate	NL0013004443	GLPG 98.6BS OPENB	EUR	1,0250	1,0250	0,9750			0,9750					
Certificate	NL0013001936	GLPG 100.9TS OPENB	EUR	2,1450	2,1450	2,0950			2,0950					
Certificate	LU1840348830	GLPG 103.4TPIOPENS	EUR	13,8900	13,8900	13,4200			13,4200					
Certificate	NL0012677488	GLPG 104.6BS OPENB	EUR	16,0600	16,0600	15,5600			15,5600					
Certificate	NL0012910558	GLPG 104.9TS OPENH	EUR	2,6100	2,6400	2,6100			2,6400					
Certificate	DE000CE6CEZ3	GLPG 105.2TS OPENZ	EUR	1,1500	1,1800	1,1000	28375,0000	8	1,1650	25000				
Certificate	LU1784830728	GLPG 105.6TS OPENS	EUR											
Certificate	NL0013002975	GLPG 106.9TS OPENB	EUR	2,8150	2,8150	2,7650			2,7650					
Certificate	LU1817318188	GLPG 107.2TPIOPENS	EUR	17,5700	17,5700	17,1000			17,1000					
Certificate	NL0012984355	GLPG 107.5BS OPENB	EUR	19,0300	19,0300	18,5300			18,5300					
Certificate	NL0012985618	GLPG 110.5BS OPENB	EUR	22,0000	22,0000	21,4000	1072,5000	1	21,5000	50				
Certificate	LU1817318261	GLPG 112.3TPIOPENS	EUR	22,5700	22,5700	22,1000			22,1000					
Certificate	NL0012997266	GLPG 113.5BS OPENB	EUR	24,9900	24,9900	24,4900			24,4900					
Certificate	DE000CV8A6J6	GLPG 114.5TS OPENZ	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	DE000CV8AGL7	GLPG 123.8TS OPENZ	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	DE000CN6JF02	GLPG 18.52TL OPENZ	EUR	3,6450	3,6450	3,6450			3,6450					
Certificate	DE000CN6EQE7	GLPG 21.73TL OPENZ	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	DE000CN6EN80	GLPG 25.55TL OPENZ	EUR	3,3150	3,3150	3,3150			3,3150					
Certificate	DE000CR9R185	GLPG 33.15TL OPENZ	EUR	2,9650	2,9650	2,9650			2,9650					
Certificate	DE000CN6ETT9	GLPG 36.87TL OPENZ	EUR	2,7850	2,7850	2,7850			2,7850					
Certificate	DE000CN6IUU4	GLPG 39.79TL OPENZ	EUR	2,6550	2,6550	2,6550			2,6550					
Certificate	NL0011899190	GLPG 42.73BL OPENB	EUR	49,0700	49,6400	49,0700	173182,0000	8	49,4900	3500				
Certificate	DE000CN6L865	GLPG 43.38TL OPENZ	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	NL0011899216	GLPG 46.99BL OPENB	EUR	44,8000	45,2200	44,8000			45,2200					
Certificate	DE000CD61LN7	GLPG 47.44TL OPENZ	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	NL0011915012	GLPG 49.11BL OPENB	EUR	42,6800	43,1000	42,6800			43,1000					
Certificate	NL0012016380	GLPG 51.23BL OPENB	EUR	40,5600	40,9800	40,5600			40,9800					
Certificate	DE000CD62508	GLPG 51.48TL OPENZ	EUR	2,1500	2,1500	2,1050	860,0000	1	2,1050	400				
Certificate	NL0012592794	GLPG 52.67TL OPENH	EUR	4,2500	4,2700	4,2500			4,2700					
Certificate	NL0012016562	GLPG 53.34BL OPENB	EUR	38,4500	38,8700	38,4500			38,8700					
Certificate	NL0012028856	GLPG 55.45BL OPENB	EUR	36,3400	36,7600	36,3400			36,7600					
Certificate	DE000CD63MR2	GLPG 56.01TL OPENZ	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	NL0012100044	GLPG 57.54BL OPENB	EUR	34,3000	34,7200	34,3000			34,7200					
Certificate	NL0012100929	GLPG 59.64BL OPENB	EUR	32,1500	32,5700	32,1500			32,5700					
Certificate	DE000CD645U4	GLPG 60.45TL OPENZ	EUR	1,7000	1,7000	1,6850	1698,3000	1	1,6850	999				
Certificate	NL0012102263	GLPG 61.75BL OPENB	EUR	30,0400	30,4600	30,0400			30,4600					
Certificate	NL0012580906	GLPG 62.79TL OPENH	EUR	3,3300	3,3500	3,3300			3,3500					
Certificate	NL0012113682	GLPG 63.83BL OPENB	EUR	27,9600	28,3800	27,9600			28,3800					
Certificate	LU1650907055	GLPG 65.39TCIOPENS	EUR	25,2900	25,7800	25,2900			25,7800					
Certificate	DE000CE6BH80	GLPG 65.98TL OPENZ	EUR	1,4500	1,4600	1,4300	6624,6100	6	1,4350	4574				
Certificate	NL0012580898	GLPG 66.85TL OPENH	EUR	2,9700	2,9800	2,9700			2,9800					
Certificate	NL0012488100	GLPG 66.93BL OPENB	EUR	25,7100	26,1300	24,5200	20212,2400	3	26,1300	804				
Certificate	LU1573743462	GLPG 67.31TCIOPENS	EUR	22,8900	23,3700	22,3900	559,7500	1	23,3700	25				
Certificate	LU1650954560	GLPG 69.61TCIOPENS	EUR	20,9900	21,5800	20,1400	53304,6200	21	21,4700	2499				
Certificate	NL0012580880	GLPG 70.89TL OPENH	EUR	2,6000	2,6100	2,6000			2,6100					
Certificate	DE000CE6E929	GLPG 72.56TL OPENZ	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	LU1790451410	GLPG 72.57TCIOPENS	EUR	18,9200	19,4000	18,9200			19,4000					
Certificate	NL0012976682	GLPG 73.03BL OPENB	EUR	19,6100	20,1600	19,6100	13287,4000	3	20,0300	665				
Certificate	NL0012977359	GLPG 76.06BL OPENB	EUR	16,5800	17,0000	16,5800			17,0000					
Certificate	NL0012935738	GLPG 76.79TL OPENH	EUR	2,0600	2,0700	2,0600			2,0700					
Certificate	LU1817217661	GLPG 77.23TCIOPENS	EUR	14,6000	15,0800	14,6000			15,0800					
Certificate	DE000CJ3N617	GLPG 78.72TL OPENZ	EUR	1,7900	1,7900	1,6700	3561,0400	4	1,6700	1994				
Certificate	NL0012979439	GLPG 79.09BL OPENB	EUR	13,5500	14,4000	12,5700	80710,1000	29	13,9700	5950				
Certificate	LU1817216267	GLPG 79.12TCIOPENS	EUR	12,7400	13,2100	12,7400			13,2100					
Certificate	LU1817292367	GLPG 81.44TCIOPENS	EUR	10,4800	10,9600	10,4800			10,9600					
Certificate	LU1859906726	GLPG 85.19TCIOPENS	EUR	7,0700	7,5400	6,2700	1545,6400	5	7,5400	222				
Certificate	DE000CJ3QN46	GLPG 85.72TL OPENZ	EUR	1,0300	1,0300	1,0200	5721,7000	2	1,0200	5585				
Certificate	NL0013155468	GLPG 92.62BS OPENB	EUR	0,4250	0,4400	0,3750	7,9200	1	0,3750	18				
Certificate	DE000CJ3QHDS	GLPG 95.09TS OPENZ	EUR	1,2000	1,2500	1,2000	3333,0000	3	1,2500	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	LU1859714146	GLPG 98.85TPIOPENS	EUR	9,7600	9,7600	9,3000			9,3000					
Certificate	NL0012370779	GMLTO 31TL OPENH	EUR	2,2400	2,2700	2,2400			2,2700					
Certificate	DE000CY52M84	GMLTO 45TL OPENC	EUR											
Certificate	DE000CW3AWX9	GMLTO 70TS OPENC	EUR											
Certificate	NL0012240147	GMLTO 73TS OPENH	EUR	3,0600	3,0600	3,0500			3,0500					
Certificate	DE000CX00M47	GMLTO 75TS OPENC	EUR											
Certificate	DE000CW3AE57	GMLTO 80TS OPENC	EUR											
Certificate	DE000CX00N95	GMLTO 80TS OPENC	EUR											
Certificate	NL0012438279	GMLTO 12.4TL OPENH	EUR	3,9400	3,9600	3,9400			3,9600					
Certificate	NL0011991138	GMLTO 16.5TL OPENH	EUR	3,5700	3,5900	3,5700			3,5900					
Certificate	NL0011991120	GMLTO 20.6TL OPENH	EUR	3,1900	3,2200	3,1900			3,2200					
Certificate	NL0012526552	GMLTO 24.5TL OPENH	EUR	2,8400	2,8600	2,8400			2,8600					
Certificate	NL0012500672	GMLTO 25.8TL OPENB	EUR	26,5900	26,7700	26,5900			26,7700					
Certificate	DE000CE6F264	GMLTO 27.1TL OPENZ	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0011416433	GMLTO 27.4TL OPENH	EUR	2,5700	2,6000	2,5700			2,6000					
Certificate	NL0012499677	GMLTO 28.9TL OPENB	EUR	23,7300	23,9100	23,7300			23,9100					
Certificate	NL0012527956	GMLTO 30.6TL OPENH	EUR	2,2800	2,3100	2,2800			2,3100					
Certificate	NL0012541767	GMLTO 30.8TL OPENH	EUR	2,2700	2,2900	2,2700			2,2900					
Certificate	NL0012693170	GMLTO 31.9TL OPENB	EUR	20,8800	21,0600	20,8800			21,0600					
Certificate	NL0012548192	GMLTO 34.4TL OPENH	EUR	1,9400	1,9600	1,9400			1,9600					
Certificate	NL0012548184	GMLTO 36.4TL OPENH	EUR	1,7500	1,7800	1,7500			1,7800					
Certificate	NL0012548176	GMLTO 38.4TL OPENH	EUR	1,5700	1,5900	1,5700			1,5900					
Certificate	NL0012548168	GMLTO 40.5TL OPENH	EUR	1,3800	1,4100	1,3800			1,4100					
Certificate	NL0012548150	GMLTO 42.5TL OPENH	EUR	1,2000	1,2300	1,2000			1,2300					
Certificate	NL0012549091	GMLTO 44.5TL OPENH	EUR	1,0100	1,0400	1,0100			1,0400					
Certificate	NL0012549943	GMLTO 46.6TL OPENH	EUR	0,8300	0,8500	0,8300	3187,5000	3	0,8500	3750				
Certificate	NL0012494579	GMLTO 53.4BOC1218B	EUR	53,1500	53,1500	53,1500			53,1500					
Certificate	NL0012523898	GMLTO 54.3TS OPENH	EUR	0,9900	0,9900	0,9800	338,1000	1	0,9800	345				
Certificate	NL0012206783	GMLTO 57.6TS OPENH	EUR	1,3500	1,3500	1,3400			1,3400					
Certificate	NL0012437891	GMLTO 62.1TS OPENH	EUR	1,8500	1,8500	1,8400			1,8400					
Certificate	NL0011425418	GMLTO 63.4TS OPENB	EUR	17,9600	17,9600	17,7600			17,7600					
Certificate	NL0011991039	GMLTO 64.4TS OPENH	EUR	2,1000	2,1000	2,0900			2,0900					
Certificate	NL0012435267	GMLTO 69.9TS OPENH	EUR	2,7100	2,7100	2,7000			2,7000					
Certificate	NL0012330187	GMLTO 83.2TS OPENH	EUR	4,1900	4,1900	4,1800			4,1800					
Certificate	NL0011713904	GMLTO 95.6TS OPENH	EUR	5,5700	5,5700	5,5600			5,5600					
Certificate	NL0012488951	GMLTO26.948L OPENB	EUR	24,6300	24,8100	24,6300			24,8100					
Certificate	NL0012500581	GMLTO29.018L OPENB	EUR	22,5600	22,7400	22,5600			22,7400					
Certificate	DE000CE6EYYO	GMLTO29.22TL OPENZ	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0012279590	GMLTO31.078L OPENB	EUR	2,0400	2,0500	2,0400			2,0500					
Certificate	DE000CE6EMM0	GMLTO31.29TL OPENZ	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0011442587	GMLTO60.988S OPENB	EUR	1,1400	1,1400	1,1200			1,1200					
Certificate	DE000CR9S779	GMLTO61.19TS OPENZ	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	NL0009938836	GMOTR11.24TL OPENB	EUR	22,2100	22,2100	22,2100			22,2100					
Certificate	NL0010132064	GMOTR13.58TL OPENB	EUR	20,3300	20,3300	20,3300			20,3300					
Certificate	NL0011903802	GMOTR25.34TL OPENB	EUR	10,8600	10,8600	10,8600			10,8600					
Certificate	NL0011917034	GMOTR28.23TL OPENB	EUR	8,5400	8,5400	8,5400			8,5400					
Certificate	DE000VN61296	GOLD LEVOPENV	EUR	10,1950	10,1950	10,1950			10,1950					
Certificate	DE000VN610B3	GOLD LEVOPENV	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	DE000VN610A5	GOLD LEVOPENV	EUR	5,8150	5,8150	5,8150			5,8150					
Certificate	DE000CE6C1D6	GOLD LEVOPENZ	EUR	2,6860	2,6860	2,5860	53,7200	1	2,5860	20				
Certificate	DE000CE6C1B0	GOLD LEVOPENZ	EUR	6,0750	6,0750	6,0750			6,0750					
Certificate	DE000CE6C1A2	GOLD LEVOPENZ	EUR	8,7350	8,7350	8,7350			8,7350					
Certificate	NL0000778801	GOLD PI OPENN	EUR	10,9600	10,9600	10,9600			10,9600					
Certificate	DE000VN610C1	GOLD SHROPENV	EUR	8,3150	8,3150	8,3150			8,3150					
Certificate	DE000VN610E7	GOLD SHROPENV	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000VN610D9	GOLD SHROPENV	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	DE000CE6C1E4	GOLD SHROPENZ	EUR	4,2310	4,2310	4,2310			4,2310					
Certificate	DE000CE6C1C8	GOLD SHROPENZ	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	NL0000457703	GOLD 604TL OPENB	EUR	58,9800	58,9800	58,9800			58,9800					
Certificate	NL0000457679	GOLD 622TL OPENB	EUR	57,5200	57,5200	57,5200			57,5200					
Certificate	NL0000459378	GOLD 641TL OPENB	EUR	55,8800	55,8800	55,8800			55,8800					
Certificate	NL0000452894	GOLD 656TL OPENB	EUR	54,6000	54,6000	54,6000			54,6000					
Certificate	NL0000174795	GOLD 670TL OPENB	EUR	53,4200	53,4200	53,4200			53,4200					
Certificate	NL0000430742	GOLD 672TL OPENB	EUR	53,2500	53,2500	53,2500			53,2500					
Certificate	NL0000431138	GOLD 702TL OPENB	EUR	50,7800	50,7800	50,7800			50,7800					
Certificate	NL0000171015	GOLD 726TL OPENB	EUR	48,6900	48,6900	48,6900			48,6900					
Certificate	NL0000171262	GOLD 742TL OPENB	EUR	47,3900	47,3900	47,3900			47,3900					
Certificate	NL0000172435	GOLD 768TL OPENB	EUR	45,1600	45,1600	45,1600			45,1600					
Certificate	NL0000172443	GOLD 783TL OPENB	EUR	43,9500	43,9500	43,9400	3076,5000	1	43,9400	70				
Certificate	NL0000174092	GOLD 794TL OPENB	EUR	42,9500	42,9500	42,9500			42,9500					
Certificate	NL0000173045	GOLD 812TL OPENB	EUR	41,4800	41,4800	41,4800			41,4800					
Certificate	NL0000377968	GOLD 832TL OPENB	EUR	37,7000	37,7000	37,7000			37,7000					



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	NL0000078327	GOLD 864TL OPENB	EUR	37,0100	37,0100	37,0100			37,0100					
Certificate	DE000CV8AVT9	GOLD 900TL 1218Z	EUR	3,0550	3,0550	3,0550			3,0550					
Certificate	NL0006473126	GOLD 906TL OPENB	EUR	31,4500	31,4600	31,1300	23327,8900	12	31,2800	744				
Certificate	DE000CX0K6H2	GOLD 920TL OPENC	EUR	20,6600	20,6600	20,6600			20,6600					
Certificate	NL00006518250	GOLD 932TL OPENB	EUR	29,0000	29,0000	29,0000			29,0000					
Certificate	NL0011048673	GOLD 938TL OPENH	EUR	28,6400	28,6400	28,6400			28,6400					
Certificate	DE000CX0K6G4	GOLD 950TL OPENC	EUR	17,7400	17,7400	17,7400			17,7400					
Certificate	NL00006520884	GOLD 959TL OPENB	EUR	26,6300	26,6300	26,6300			26,6300					
Certificate	DE000CX0K6F6	GOLD 980TL OPENC	EUR	14,8300	14,8300	14,8300			14,8300					
Certificate	DE000CW42322	GOLD 980TL OPENC	EUR	17,1500	17,1500	17,1500			17,1500					
Certificate	NL00006521288	GOLD 986TL OPENB	EUR	24,2600	24,2600	24,2600			24,2600					
Certificate	NL0011423546	GOLD 999TL OPENH	EUR	23,3400	23,3400	23,3400			23,3400					
Certificate	DE000CV8A427	GOLD 1000TL 1218Z	EUR	2,1750	2,1750	2,1750			2,1750					
Certificate	DE000CV0JYK9	GOLD 1000TL OPENC	EUR	12,1200	12,1200	12,1200			12,1200					
Certificate	DE000CP06586	GOLD 1000TL OPENC	EUR	23,0500	23,0500	23,0500			23,0500					
Certificate	DE000CC5KZ25	GOLD 1000TL OPENC	EUR	13,2500	13,2500	13,2500			13,2500					
Certificate	DE000CN6HP36	GOLD 1000TL OPENZ	EUR	21,6700	21,6700	21,6700			21,6700					
Certificate	LU1816980129	GOLD 1003TCIOPENS	EUR	20,2900	20,2900	19,9900			19,9900					
Certificate	NL0010876017	GOLD 1012TL OPENB	EUR	22,0500	22,0500	22,0500			22,0500					
Certificate	NL0011408133	GOLD 1012TRLOPENH	EUR	20,9300	20,9300	20,9300			20,9300					
Certificate	NL0011417688	GOLD 1014TL OPENH	EUR	22,0200	22,0200	22,0200			22,0200					
Certificate	NL00006527384	GOLD 1015TL OPENB	EUR	21,7400	21,7400	21,7400			21,7400					
Certificate	DE000VA7TEN2	GOLD 1017TL OPENV	EUR	21,5550	21,5550	21,5550			21,5550					
Certificate	DE000CV0JYL7	GOLD 1020TL OPENC	EUR	10,1700	10,1700	10,1700			10,1700					
Certificate	DE000CB1NF48	GOLD 1020TL OPENZ	EUR	19,9500	19,9500	19,9100	997,5000	1	19,9100	50				
Certificate	DE000CF04SN7	GOLD 1025TL OPENC	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	DE000CC5KZY8	GOLD 1025TL OPENC	EUR	10,8300	10,8300	10,8300			10,8300					
Certificate	DE000VASREC3	GOLD 1026TL OPENV	EUR	20,4950	20,4950	20,4950			20,4950					
Certificate	DE000VASRJL3	GOLD 1026TL OPENV	EUR	18,8050	18,8050	18,8050			18,8050					
Certificate	NL0011524517	GOLD 1027BL OPENB	EUR	19,3750	19,3750	19,3750			19,3750					
Certificate	NL0011048657	GOLD 1027TL OPENH	EUR	20,9100	20,9100	20,9100			20,9100					
Certificate	DE000VAGEG25	GOLD 1038TL OPENV	EUR	17,9050	17,9050	17,9050			17,9050					
Certificate	DE000CP23KN3	GOLD 1040TL OPENC	EUR	20,6900	20,6900	20,6900			20,6900					
Certificate	DE000CV4Z0F2	GOLD 1040TL OPENZ	EUR	2,0550	2,0550	2,0550			2,0550					
Certificate	NL00006527392	GOLD 1046TL OPENB	EUR	19,1200	19,1200	19,1200			19,1200					
Certificate	DE000VA4Y1V2	GOLD 1046TL OPENV	EUR	16,9450	16,9450	16,9450			16,9450					
Certificate	DE000VA4Y1U4	GOLD 1046TL OPENV	EUR	18,7150	18,7150	18,7150			18,7150					
Certificate	NL0011048640	GOLD 1049TL OPENH	EUR	18,9700	18,9700	18,9700			18,9700					
Certificate	DE000CV8A419	GOLD 1050TL 1218Z	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	LU1816980392	GOLD 1053TCIOPENS	EUR	15,8000	15,8000	15,4800			15,4800					
Certificate	NL0010897146	GOLD 1055BL OPENB	EUR	16,8650	16,8650	16,8650			16,8650					
Certificate	DE000CR9R201	GOLD 1056TL OPENZ	EUR	16,7500	16,7500	16,7500			16,7500					
Certificate	NL0011408125	GOLD 1057TRLOPENH	EUR	16,9600	16,9600	16,9600			16,9600					
Certificate	DE000CX0KBQ1	GOLD 1060TL OPENC	EUR	7,3000	7,3000	7,1600	365,0000	1	7,1600	50				
Certificate	NL0011601257	GOLD 1060TL OPENH	EUR	18,0400	18,0400	18,0400			18,0400					
Certificate	DE000VN66XC3	GOLD 1061TL OPENV	EUR	13,5750	13,5750	13,5750			13,5750					
Certificate	DE000VAGEGH3	GOLD 1066TL OPENV	EUR	17,1850	17,1850	17,1850			17,1850					
Certificate	DE000VAGEG29	GOLD 1068TL OPENV	EUR	15,2450	15,2450	15,2450			15,2450					
Certificate	NL0011417548	GOLD 1068TRLOPENH	EUR	15,9500	15,9500	15,9500			15,9500					
Certificate	DE000VL5RYU0	GOLD 1069TL OPENV	EUR	15,4650	15,4650	15,4650			15,4650					
Certificate	NL0011048632	GOLD 1072TL OPENH	EUR	17,0400	17,0400	17,0400			17,0400					
Certificate	NL0012989453	GOLD 1075BL OPENB	EUR	15,1700	15,1700	15,1700			15,1700					
Certificate	NL00006527400	GOLD 1076TL OPENB	EUR	16,8000	16,8200	16,5000	336,0000	1	16,5000	20				
Certificate	DE000CR9R121	GOLD 1076TL OPENZ	EUR	14,9800	14,9800	14,9800			14,9800					
Certificate	DE000VA7PSR1	GOLD 1077TL OPENV	EUR	16,3050	16,3050	16,3050			16,3050					
Certificate	DE000CP063P6	GOLD 1080TL OPENC	EUR	16,0600	16,0600	16,0600			16,0600					
Certificate	NL0011417530	GOLD 1080TRLOPENH	EUR	14,9300	14,9300	14,9300			14,9300					
Certificate	DE000VN66XD1	GOLD 1081TL OPENV	EUR	11,7650	11,7650	11,7650			11,7650					
Certificate	DE000CN6GCN3	GOLD 1082TL OPENZ	EUR	16,3200	16,3200	16,3200			16,3200					
Certificate	NL0012989818	GOLD 1087TL OPENB	EUR	15,6400	15,6400	15,5600	1955,0000	1	15,5600	125				
Certificate	DE000VL37D12	GOLD 1087TL OPENV	EUR	13,6750	13,6750	13,6750			13,6750					
Certificate	NL0011417522	GOLD 1092TRLOPENH	EUR	13,8200	13,8200	13,8200			13,8200					
Certificate	NL0011048624	GOLD 1094TL OPENH	EUR	15,1100	15,1100	15,1100			15,1100					
Certificate	DE000VAGEGL5	GOLD 1096TL OPENV	EUR	14,5750	14,5750	14,5750			14,5750					
Certificate	DE000CB4TDG7	GOLD 1096TL OPENZ	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000CV88RN9	GOLD 1100TL 1218Z	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	DE000CQ5BUL9	GOLD 1100TL OPENC	EUR	11,1800	11,1800	11,1800			11,1800					
Certificate	DE000CV16Q36	GOLD 1100TL OPENC	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	LU1790448978	GOLD 1102TCIOPENS	EUR	10,8600	10,8600	10,5200			10,5200					
Certificate	NL00009071398	GOLD 1103TL OPENB	EUR	14,1400	14,1400	14,1400			14,1400					
Certificate	NL0011408117	GOLD 1103TRLOPENH	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	NL0012101489	GOLD 1106TL OPENB	EUR	13,8400	13,8400	13,8400			13,8400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VL37D20	GOLD 1107TL OPENV	EUR	11,8950	11,8950	11,8950			11,8950					
Certificate	LU1651059070	GOLD 1109TCIOPENS	EUR	7,5000	7,6500	7,1400	2956,0000	4	7,1400	400				
Certificate	DE000CV8APV7	GOLD 1112TL OPENZ	EUR	11,7500	11,7500	11,7500			11,7500					
Certificate	NL0010897153	GOLD 1114BL OPENB	EUR	11,6850	11,6850	11,6850			11,6850					
Certificate	NL0010441531	GOLD 1116BL OPENB	EUR	11,5350	11,5350	11,5350			11,5350					
Certificate	NL0012981088	GOLD 1116BL OPENB	EUR	11,5400	11,5400	11,5400			11,5400					
Certificate	NL0011048616	GOLD 1116TL OPENH	EUR	13,1700	13,1700	13,1700			13,1700					
Certificate	DE000VAGEGP6	GOLD 1116TL OPENV	EUR	12,8350	12,8350	12,8350			12,8350					
Certificate	DE000VAGTY61	GOLD 1118TL OPENV	EUR	10,8050	10,8050	10,8050			10,8050					
Certificate	DE000CV50ZT3	GOLD 1120TL OPENC	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	DE000CN6EUY7	GOLD 1122TL OPENZ	EUR	12,2900	12,2900	12,2900			12,2900					
Certificate	NL0010876025	GOLD 1125TL OPENB	EUR	12,2750	12,2750	12,2750			12,2750					
Certificate	NL0009170935	GOLD 1126TL OPENB	EUR	12,0750	12,0750	12,0750			12,0750					
Certificate	NL0011594080	GOLD 1126TL OPENH	EUR	12,2900	12,2900	12,2900			12,2900					
Certificate	DE000VASRJUM1	GOLD 1126TL OPENV	EUR	9,9050	9,9050	9,9050			9,9050					
Certificate	DE000VN66JW0	GOLD 1129TL OPENV	EUR	10,1150	10,1150	10,1150			10,1150					
Certificate	DE000VN66KA4	GOLD 1130TL OPENV	EUR	8,1250	8,1250	8,1250			8,1250					
Certificate	DE000CB4TPD8	GOLD 1133TL OPENZ	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	NL0012099683	GOLD 1136BL OPENB	EUR	9,7300	9,7300	9,7300			9,7300					
Certificate	DE000VAGEGS0	GOLD 1136TL OPENV	EUR	11,0950	11,0950	11,0950			11,0950					
Certificate	NL0011417506	GOLD 1136TRLOPENH	EUR	9,9600	9,9600	9,9600			9,9600					
Certificate	NL0012989271	GOLD 1137TL OPENB	EUR	11,4900	11,5000	11,1400	22980,0000	1	11,1400	2000				
Certificate	DE000VAGEGS2	GOLD 1138TL OPENV	EUR	9,0250	9,0250	9,0250			9,0250					
Certificate	NL0011048608	GOLD 1139TL OPENH	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	NL0011594072	GOLD 1142TL OPENH	EUR	10,9700	10,9700	10,9700			10,9700					
Certificate	NL0011594064	GOLD 1146TL OPENH	EUR	10,5900	10,5900	10,5900			10,5900					
Certificate	NL0011407705	GOLD 1147TRLOPENH	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	NL0011263561	GOLD 1148BL OPENB	EUR	8,6850	8,6850	8,6850			8,6850					
Certificate	DE000CV8AXQ1	GOLD 1149TL OPENZ	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	DE000CV88RM1	GOLD 1150TL 1218Z	EUR	0,8800	0,8800	0,8450	88,0000	1	0,8450	100				
Certificate	DE000CQ58UM7	GOLD 1150TL OPENC	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	NL0011530860	GOLD 1152TL OPENB	EUR	9,8850	9,8850	9,8850			9,8850					
Certificate	NL0011593520	GOLD 1152TL OPENH	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	DE000CP061W6	GOLD 1160TL OPENC	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000CQ58FX5	GOLD 1160TL OPENC	EUR	8,1500	8,1500	7,8500	65,2000	1	7,8500	8				
Certificate	DE000CR9QX90	GOLD 1160TL OPENZ	EUR	7,5550	7,5550	7,5550			7,5550					
Certificate	NL0011812300	GOLD 1161TL OPENB	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	NL0011593512	GOLD 1163TL OPENH	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	DE000CR9R4Z5	GOLD 1164TL OPENZ	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	DE000VASRJUK5	GOLD 1165TL OPENV	EUR	8,4050	8,4050	8,4050			8,4050					
Certificate	NL0011594056	GOLD 1166TL OPENH	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	DE000VASRJUN9	GOLD 1166TL OPENV	EUR	6,3550	6,3550	6,3550			6,3550					
Certificate	NL0012975833	GOLD 1170BL OPENB	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000CP061X4	GOLD 1170TL OPENC	EUR	5,5500	5,5500	5,1400	10929,5000	3	5,1400	2015				
Certificate	DE000CV8AVX1	GOLD 1170TL OPENZ	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	NL0011407697	GOLD 1170TRLOPENH	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	DE000VAGEGW2	GOLD 1176TL OPENV	EUR	7,6050	7,6050	7,6050			7,6050					
Certificate	NL0011259635	GOLD 1177BL OPENB	EUR	6,1450	6,1450	6,1450			6,1450					
Certificate	DE000VAGEG86	GOLD 1178TL OPENV	EUR	5,8100	5,8100	5,4750	34,8600	1	5,4750	6				
Certificate	DE000CP063Q4	GOLD 1180TL OPENC	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	DE000CP06594	GOLD 1180TL OPENC	EUR	7,3900	7,3900	7,3900			7,3900					
Certificate	DE000CR9QUV7	GOLD 1180TL OPENZ	EUR	6,0000	6,0000	5,7600	360,0000	1	5,7600	60				
Certificate	NL0012991087	GOLD 1181TL OPENB	EUR	7,3700	7,3700	7,3700			7,3700					
Certificate	LU1841026419	GOLD 1187TCIOPENS	EUR	4,5800	4,5800	4,2000			4,2000					
Certificate	DE000VA71SY4	GOLD 1187TL OPENV	EUR	6,7950	6,7950	6,7950			6,7950					
Certificate	DE000VA71S07	GOLD 1189TL OPENV	EUR	4,6150	4,6150	4,6150			4,6150					
Certificate	DE000CP23987	GOLD 1190TL OPENC	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	DE000CP06YW0	GOLD 1190TL OPENC	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000CJ3NYT3	GOLD 1190TL OPENZ	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	NL0013011019	GOLD 1197BL OPENB	EUR	4,6600	4,7800	4,3700	8235,4000	3	4,3700	1770				
Certificate	DE000VA9C2X7	GOLD 1199TL OPENV	EUR	5,9550	5,9550	5,9550			5,9550					
Certificate	DE000CJ3N799	GOLD 1199TL OPENZ	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	DE000CP07CH5	GOLD 1200TL OPENC	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	DE000CP06YX8	GOLD 1200TL OPENC	EUR											
Certificate	DE000CV50LT3	GOLD 1200TL OPENC	EUR											
Certificate	NL0013155583	GOLD 1201TL OPENB	EUR	5,9300	5,9300	5,6300	5986,5000	2	5,6400	1050				
Certificate	DE000VN9G676	GOLD 1202TL OPENV	EUR	3,7450	3,7450	3,7450			3,7450					
Certificate	DE000VA90VE0	GOLD 1202TL OPENV	EUR											
Certificate	DE000CJ3N8N9	GOLD 1203TL OPENZ	EUR	0,4600	0,4600	0,4250	2773,8000	1	0,4250	6030				
Certificate	DE000VA90VC4	GOLD 1209TL OPENV	EUR	5,1250	5,1250	5,1250			5,1250					
Certificate	DE000CJ3QR34	GOLD 1209TL OPENZ	EUR	3,4200	3,4200	3,2150	342,0000	1	3,2150	100				
Certificate	DE000CV50WK9	GOLD 1210TL 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	DE000CP23PY9	GOLD 1210TL OPENC	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000VN9G684	GOLD 1212TL OPENV	EUR	2,8650	2,8650	2,8650			2,8650					
Certificate	DE000CJ3QX69	GOLD 1219TL OPENZ	EUR											
Certificate	DE000CP23S10	GOLD 1220TL OPENC	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	DE000CY50WL7	GOLD 1220TL OPENC	EUR											
Certificate	DE000VN9HEN8	GOLD 1220TL OPENV	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	NL0013164197	GOLD 1221TL OPENB	EUR	4,4000	4,4000	4,1200	8520,0000	2	4,1400	2000				
Certificate	DE000V12FME1	GOLD 1222TL OPENV	EUR											
Certificate	DE000CX01D39	GOLD 1225TL OPENC	EUR											
Certificate	DE000CY50NN2	GOLD 1225TL OPENC	EUR											
Certificate	DE000VL37D38	GOLD 1227TL OPENV	EUR											
Certificate	DE000VA9CYC5	GOLD 1239TS OPENV	EUR											
Certificate	DE000CY518G7	GOLD 1240TL OPENC	EUR											
Certificate	DE000CP063R2	GOLD 1240TS OPENC	EUR											
Certificate	DE000CV8A674	GOLD 1242TS OPENZ	EUR											
Certificate	DE000CV8ALC6	GOLD 1242TS OPENZ	EUR											
Certificate	NL0012987572	GOLD 1248BS OPENB	EUR											
Certificate	NL0012982243	GOLD 1248TS OPENB	EUR											
Certificate	DE000CJ3QPM9	GOLD 1248TS OPENZ	EUR											
Certificate	DE000CP06129	GOLD 1250TS OPENC	EUR											
Certificate	DE000VA4YYX6	GOLD 1253TS OPENV	EUR											
Certificate	DE000VA4YYZ1	GOLD 1256TS OPENV	EUR											
Certificate	DE000CJ3PK08	GOLD 1256TS OPENZ	EUR	0,1350	0,1350	0,1350			0,1350					
Certificate	DE000CQ5B1X0	GOLD 1260TL OPENC	EUR											
Certificate	DE000CY52K52	GOLD 1260TL OPENC	EUR											
Certificate	DE000CY52NN8	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ5AJV3	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ5A735	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ5BUQ8	GOLD 1260TS OPENC	EUR	0,7700	1,2500	0,7500	169,0000	2	1,2500	200				
Certificate	DE000CQ5BWE0	GOLD 1260TS OPENC	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000CP23KP8	GOLD 1260TS OPENC	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	DE000CV8A815	GOLD 1267TS OPENZ	EUR											
Certificate	NL0012981096	GOLD 1268BS OPENB	EUR	1,9200	2,3600	1,9100	37215,5000	8	2,2800	17950				
Certificate	NL0012980254	GOLD 1268TS OPENB	EUR	4,0000	4,6000	4,0000	6305,0000	3	4,5200	1550				
Certificate	DE000CP06YY6	GOLD 1270TS OPENC	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000VA4YYY4	GOLD 1273TS OPENV	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	LU1790505447	GOLD 1275TPIOPENS	EUR	2,1700	2,5800	2,1700			2,5800					
Certificate	DE000CY0AVR7	GOLD 1275TS OPENC	EUR											
Certificate	DE000VA3TKM0	GOLD 1276TS OPENV	EUR											
Certificate	DE000VA3TKP3	GOLD 1277TS OPENV	EUR	4,2250	4,2250	4,2250			4,2250					
Certificate	DE000CV89XK1	GOLD 1277TS OPENZ	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	DE000CY52NP3	GOLD 1280TL OPENC	EUR											
Certificate	DE000CX01XL0	GOLD 1280TL OPENC	EUR											
Certificate	DE000CQ5BNX9	GOLD 1280TS OPENC	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CP063S0	GOLD 1280TS OPENC	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	NL0012975858	GOLD 1287BS OPENB	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000CV8A8D5	GOLD 1287TS OPENZ	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000CY52WQ2	GOLD 1290TL OPENC	EUR											
Certificate	DE000CQ5BMA9	GOLD 1290TS OPENC	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000VA3TKN8	GOLD 1296TS OPENV	EUR	3,6150	3,6150	3,6150			3,6150					
Certificate	DE000CV89KJ0	GOLD 1296TS OPENZ	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	DE000VA3TKQ1	GOLD 1297TS OPENV	EUR	5,9950	5,9950	5,9950			5,9950					
Certificate	DE000CV89J53	GOLD 1297TS OPENZ	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	DE000CX595Y9	GOLD 1300TL OPENC	EUR											
Certificate	DE000CV8A8Q7	GOLD 1300TS 1218Z	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	DE000CP063T8	GOLD 1300TS OPENC	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	DE000CQ5BMB7	GOLD 1300TS OPENC	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	DE000CQ5BPC8	GOLD 1300TS OPENC	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	DE000CJ3QX77	GOLD 1307TS OPENZ	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000CQ5BMC5	GOLD 1310TS OPENC	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	DE000VA3KSD1	GOLD 1316TS OPENV	EUR	5,3350	5,3350	5,3350			5,3350					
Certificate	DE000VA3KSE9	GOLD 1317TS OPENV	EUR	7,7150	7,7150	7,7150			7,7150					
Certificate	DE000CV89HX7	GOLD 1317TS OPENZ	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	DE000CQ5BPD6	GOLD 1320TS OPENC	EUR	9,8500	9,8500	9,8500			9,8500					
Certificate	DE000CQ5BB24	GOLD 1320TS OPENC	EUR	9,7100	9,7100	9,7100			9,7100					
Certificate	DE000CY51G68	GOLD 1320TS OPENC	EUR											
Certificate	DE000CQ5BJT5	GOLD 1320TS OPENC	EUR	9,7800	9,7800	9,7800			9,7800					
Certificate	NL0012790737	GOLD 1327BS OPENB	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	LU1757003238	GOLD 1329TPIOPENS	EUR	6,7200	7,1400	6,7200			7,1400					
Certificate	NL0012786537	GOLD 1329TS OPENB	EUR	10,0400	10,0400	10,0400			10,0400					
Certificate	DE000CQ5BF12	GOLD 1330TS OPENC	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	DE000CV88UM5	GOLD 1336TS OPENZ	EUR	0,9350	0,9350	0,9350			0,9350					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA2T9C4	GOLD 1337TS OPENV	EUR	9,4550	9,4550	9,4550			9,4550					
Certificate	DE000CV88UT0	GOLD 1337TS OPENZ	EUR	8,3400	8,3400	8,3400			8,3400					
Certificate	DE000VA15NP0	GOLD 1339TS OPENV	EUR	7,0750	7,0750	7,0750			7,0750					
Certificate	DE000CQ5AV29	GOLD 1340TS OPENC	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	DE000CQ5AW79	GOLD 1340TS OPENC	EUR	11,4300	11,4300	11,4300			11,4300					
Certificate	NL0012784532	GOLD 1349TS OPENB	EUR	11,8400	11,8400	11,8400			11,8400					
Certificate	DE000CV8A435	GOLD 1350TS 1218Z	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000CQ5AW04	GOLD 1350TS OPENC	EUR	8,8300	8,8300	8,8300			8,8300					
Certificate	DE000VA2T9D2	GOLD 1357TS OPENV	EUR	11,2450	11,2450	11,2450			11,2450					
Certificate	DE000CV886P2	GOLD 1357TS OPENZ	EUR	10,0900	10,0900	10,0900			10,0900					
Certificate	DE000CQ5AW12	GOLD 1360TS OPENC	EUR	9,7100	9,7100	9,7100			9,7100					
Certificate	DE000VA1SSU2	GOLD 1360TS OPENV	EUR	8,8250	8,8250	8,8250			8,8250					
Certificate	DE000VA6EGD2	GOLD 1364TS OPENV	EUR	12,5450	12,5450	12,5450			12,5450					
Certificate	NL0011899745	GOLD 1367BS OPENB	EUR	11,0700	11,0700	11,0700			11,0700					
Certificate	LU1756002058	GOLD 1375TPIOPENS	EUR	11,4700	11,9200	11,4700			11,9200					
Certificate	DE000VASM7M6	GOLD 1376TS OPENV	EUR	13,4750	13,4750	13,4750			13,4750					
Certificate	DE000CV4ZRD7	GOLD 1376TS OPENC	EUR	1,3350	1,3350	1,3350			1,3350					
Certificate	DE000CV88C53	GOLD 1377TS OPENZ	EUR	11,8700	11,8700	11,8700			11,8700					
Certificate	DE000CX00UD5	GOLD 1380TS OPENC	EUR	12,4900	12,4900	12,4900			12,4900					
Certificate	DE000CY52NQ1	GOLD 1380TS OPENC	EUR	14,7800	14,7800	14,7800			14,7800					
Certificate	DE000CY51NS9	GOLD 1380TS OPENC	EUR	14,7300	14,7300	14,7300			14,7300					
Certificate	DE000CQ5AMC7	GOLD 1380TS OPENC	EUR	14,9600	14,9600	14,9600			14,9600					
Certificate	DE000CY518J1	GOLD 1380TS OPENC	EUR	14,6900	14,6900	14,6900			14,6900					
Certificate	DE000CX59WM8	GOLD 1380TS OPENC	EUR	10,6700	10,6700	10,6700			10,6700					
Certificate	DE000CY51WZ5	GOLD 1380TS OPENC	EUR	14,7500	14,7500	14,7500			14,7500					
Certificate	DE000CY50ZY3	GOLD 1380TS OPENC	EUR	14,6600	14,6600	14,6600			14,6600					
Certificate	DE000CQ5AAE8	GOLD 1380TS OPENC	EUR	14,8000	14,8000	14,8000			14,8000					
Certificate	DE000CY52CT8	GOLD 1380TS OPENC	EUR	14,7700	14,7700	14,7700			14,7700					
Certificate	NL0011705074	GOLD 1384TRSOPENH	EUR	12,8500	12,8500	12,8500			12,8500					
Certificate	NL0011603147	GOLD 1384TS OPENH	EUR	14,9100	14,9100	14,9100			14,9100					
Certificate	NL0012696900	GOLD 1387BS OPENB	EUR	12,8300	12,8300	12,8300			12,8300					
Certificate	DE000CX00U47	GOLD 1390TS OPENC	EUR	11,0100	11,0100	11,0100			11,0100					
Certificate	DE000CY518B8	GOLD 1390TS OPENC	EUR	11,9900	11,9900	11,9900			11,9900					
Certificate	NL0010377610	GOLD 1392TS OPENB	EUR	15,6600	15,6600	15,6600			15,6600					
Certificate	DE000VA7P5P5	GOLD 1392TS OPENV	EUR	15,1550	15,1550	15,1550			15,1550					
Certificate	NL0010377040	GOLD 1397BS OPENB	EUR	13,6750	13,6750	13,6750			13,6750					
Certificate	DE000CN6JEK9	GOLD 1398TS OPENZ	EUR	13,7100	13,7100	13,7100			13,7100					
Certificate	NL0012694616	GOLD 1399TS OPENB	EUR	16,3500	16,3500	16,3500			16,3500					
Certificate	DE000CV88RP4	GOLD 1400TS 1218Z	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	DE000VA71SX6	GOLD 1402TS OPENV	EUR	16,1350	16,1350	16,1350			16,1350					
Certificate	DE000VN66XA7	GOLD 1402TS OPENV	EUR	10,5650	10,5650	10,5650			10,5650					
Certificate	NL0011730817	GOLD 1405TS OPENH	EUR	16,8200	16,8200	16,8200			16,8200					
Certificate	LU1651060839	GOLD 1408TPIOPENS	EUR	12,9000	13,3500	12,9000			13,3500					
Certificate	DE000CX00U54	GOLD 1410TS OPENC	EUR	12,7500	12,7500	12,7500			12,7500					
Certificate	DE000CY52WS8	GOLD 1410TS OPENC	EUR	13,8400	13,8400	13,8400			13,8400					
Certificate	DE000VA71WH1	GOLD 1412TS OPENV	EUR	17,0350	17,0350	17,0350			17,0350					
Certificate	DE000CN6KFD9	GOLD 1416TS OPENC	EUR	17,3800	17,3800	17,3800			17,3800					
Certificate	DE000CN6LC84	GOLD 1416TS OPENC	EUR	15,3300	15,3300	15,3300			15,3300					
Certificate	DE000CY52NR9	GOLD 1420TS OPENC	EUR	18,3900	18,3900	18,3900			18,3900					
Certificate	DE000CQ5AAE5	GOLD 1420TS OPENC	EUR	18,4200	18,4200	18,4200			18,4200					
Certificate	DE000CQ5A2N0	GOLD 1420TS OPENC	EUR	14,7100	14,7100	14,7100			14,7100					
Certificate	DE000CY52962	GOLD 1420TS OPENC	EUR	18,3900	18,3900	18,3900			18,3900					
Certificate	DE000CY517Y2	GOLD 1420TS OPENC	EUR	18,3000	18,3000	18,3000			18,3000					
Certificate	DE000CX00UE3	GOLD 1420TS OPENC	EUR	16,0400	16,0400	16,0400			16,0400					
Certificate	DE000CQ5AMD5	GOLD 1420TS OPENC	EUR	18,5800	18,5800	18,5800			18,5800					
Certificate	DE000CQ58FZ0	GOLD 1420TS OPENC	EUR	18,8000	18,8000	18,8000			18,8000					
Certificate	DE000CY51NT7	GOLD 1420TS OPENC	EUR	18,3400	18,3400	18,3400			18,3400					
Certificate	DE000VA87E05	GOLD 1421TS OPENV	EUR	17,9650	17,9650	17,9650			17,9650					
Certificate	DE000VN66XB5	GOLD 1422TS OPENV	EUR	12,2850	12,2850	12,2850			12,2850					
Certificate	DE000CX01D70	GOLD 1425TS OPENC	EUR	14,1800	14,1800	14,1800			14,1800					
Certificate	NL0011048350	GOLD 1428TS OPENH	EUR	18,8600	18,8600	18,8600			18,8600					
Certificate	DE000VN9G668	GOLD 1435TS OPENV	EUR	16,8850	16,8850	16,8850			16,8850					
Certificate	DE000CN6LC92	GOLD 1436TS OPENC	EUR	17,1000	17,1000	17,1000			17,1000					
Certificate	DE000CY50WP8	GOLD 1440TS OPENC	EUR	16,3400	16,3400	16,3400			16,3400					
Certificate	DE000CY518K9	GOLD 1440TS OPENC	EUR	20,1100	20,1100	20,1100			20,1100					
Certificate	DE000CY50Z20	GOLD 1440TS OPENC	EUR	20,0800	20,0800	20,0800			20,0800					
Certificate	DE000VL2FMC5	GOLD 1441TS OPENV	EUR	14,0050	14,0050	14,0050			14,0050					
Certificate	NL0011705066	GOLD 1443TRSOPENH	EUR	18,0200	18,0200	18,0200			18,0200					
Certificate	NL0011730809	GOLD 1444TS OPENH	EUR	20,3400	20,3400	20,3400			20,3400					
Certificate	NL0010377644	GOLD 1447TS OPENB	EUR	20,6700	20,6700	20,6700			20,6700					
Certificate	DE000CV88RQ2	GOLD 1450TS 1218Z	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	DE000CV16QB1	GOLD 1450TS OPENC	EUR	20,7900	20,7900	20,7900			20,7900					



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	DE000CY16Q28	GOLD 1450TS OPENC	EUR	17,0300	17,0300	17,0300			17,0300					
Certificate	LU1651918119	GOLD 1453TPIOpens	EUR	16,9900	17,4600	16,9900			17,4600					
Certificate	DE000CD61CH8	GOLD 1455TS OPENZ	EUR	18,7900	18,7900	18,7900			18,7900					
Certificate	DE000CN6KFE7	GOLD 1456TS OPENZ	EUR	21,3700	21,3700	21,3700			21,3700					
Certificate	DE000CY518D6	GOLD 1460TS OPENC	EUR	18,1300	18,1300	18,1300			18,1300					
Certificate	DE000VL2FMD3	GOLD 1461TS OPENV	EUR	15,7250	15,7250	15,7250			15,7250					
Certificate	NL0011417449	GOLD 1466TRSOPENH	EUR	20,0900	20,0900	20,0900			20,0900					
Certificate	DE000CD61XA9	GOLD 1473TS OPENZ	EUR	20,4100	20,4100	20,4100			20,4100					
Certificate	NL0010377131	GOLD 1474TS OPENB	EUR	23,0300	23,0300	23,0300			23,0300					
Certificate	DE000CX01XN6	GOLD 1475TS OPENC	EUR	18,6900	18,6900	18,6900			18,6900					
Certificate	DE000CY52970	GOLD 1480TS OPENC	EUR	23,8200	23,8200	23,8200			23,8200					
Certificate	DE000CY518L7	GOLD 1480TS OPENC	EUR	23,7200	23,7200	23,7200			23,7200					
Certificate	NL0011730791	GOLD 1483TS OPENH	EUR	23,8800	23,8800	23,8800			23,8800					
Certificate	DE000CD61XB7	GOLD 1493TS OPENZ	EUR	22,1700	22,1700	22,1700			22,1700					
Certificate	DE000CE6CFH8	GOLD 1496TS OPENZ	EUR	2,5350	2,5350	2,5350			2,5350					
Certificate	DE000CV88RR0	GOLD 1500TS 1218Z	EUR	2,2650	2,2650	2,2650			2,2650					
Certificate	LU1651918382	GOLD 1503TPIOpens	EUR	21,3400	21,8300	21,3400			21,8300					
Certificate	NL0011048343	GOLD 1504TS OPENH	EUR	25,7700	25,7700	25,7700			25,7700					
Certificate	DE000CD62197	GOLD 1513TS OPENZ	EUR	23,9500	23,9500	23,9500			23,9500					
Certificate	DE000CQ5AW87	GOLD 1520TS OPENC	EUR	27,7300	27,7300	27,7300			27,7300					
Certificate	DE000CQ5AAG3	GOLD 1520TS OPENC	EUR	27,4600	27,4600	27,4600			27,4600					
Certificate	DE000CQ581Y8	GOLD 1520TS OPENC	EUR	23,8700	23,8700	23,8700			23,8700					
Certificate	DE000CY51729	GOLD 1520TS OPENC	EUR	27,3300	27,3300	27,3300			27,3300					
Certificate	DE000CY518C6	GOLD 1520TS OPENC	EUR	23,3800	23,3800	23,3800			23,3800					
Certificate	DE000CT9MZ77	GOLD 1526TS OPENC	EUR	20,6300	20,6300	20,6300			20,6300					
Certificate	DE000CE6EQR0	GOLD 1532TS OPENZ	EUR	25,6200	25,6200	25,6200			25,6200					
Certificate	DE000CE6EQW0	GOLD 1535TS OPENZ	EUR	2,9250	2,9250	2,9250			2,9250					
Certificate	DE000CV88RS8	GOLD 1550TS 1218Z	EUR	2,7150	2,7150	2,7150			2,7150					
Certificate	DE000CY52WT6	GOLD 1560TS OPENC	EUR	26,9900	26,9900	26,9900			26,9900					
Certificate	DE000CY518M5	GOLD 1560TS OPENC	EUR	30,9500	30,9500	30,9500			30,9500					
Certificate	NL0011417654	GOLD 1573TS OPENH	EUR	31,9600	31,9600	31,9600			31,9600					
Certificate	DE000CE6EQX8	GOLD 1575TS OPENZ	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	NL0011417423	GOLD 1579TRSOPENH	EUR	30,0700	30,0700	30,0700			30,0700					
Certificate	DE000CN6JEL7	GOLD 1597TS OPENZ	EUR	31,3100	31,3100	31,3100			31,3100					
Certificate	DE000CV50889	GOLD 1615TS OPENZ	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	NL0011417647	GOLD 1631TS OPENH	EUR	37,2100	37,2100	37,2100			37,2100					
Certificate	DE000CV87HK8	GOLD 1637TS OPENZ	EUR	34,8400	34,8400	34,8400			34,8400					
Certificate	DE000CV50897	GOLD 1655TS OPENZ	EUR	4,1250	4,1250	4,1250			4,1250					
Certificate	NL0011048335	GOLD 1658TS OPENH	EUR	39,6100	39,6100	39,6100			39,6100					
Certificate	DE000CV87HL6	GOLD 1677TS OPENZ	EUR	38,3700	38,3700	38,3700			38,3700					
Certificate	NL0009900315	GOLD 1683TS OPENB	EUR	41,8900	41,8900	41,8900			41,8900					
Certificate	NL0011603139	GOLD 1754TS OPENH	EUR	48,3300	48,3300	48,3300			48,3300					
Certificate	DE000CV87HM4	GOLD 1757TS OPENZ	EUR	45,4400	45,4400	45,4400			45,4400					
Certificate	NL0011705058	GOLD 1766TRSOPENH	EUR	46,6000	46,6000	46,6000			46,6000					
Certificate	NL0011048327	GOLD 1811TS OPENH	EUR	53,4300	53,4300	53,4300			53,4300					
Certificate	NL0011730783	GOLD 1875TS OPENH	EUR	59,1800	59,1800	59,1800			59,1800					
Certificate	DE000CN6HP51	GOLD 960.TL OPENZ	EUR	25,2300	25,2300	25,2300			25,2300					
Certificate	NL0011048715	GOLD 581.4TL OPENH	EUR	59,5800	59,5800	59,5800			59,5800					
Certificate	NL0011048707	GOLD 670.5TL OPENH	EUR	51,8400	51,8400	51,8400			51,8400					
Certificate	NL0011048699	GOLD 759.7TL OPENH	EUR	44,1100	44,1100	44,1100			44,1100					
Certificate	NL0011601265	GOLD 830.8TL OPENH	EUR	37,9400	37,9400	37,9400			37,9400					
Certificate	DE000CV89YQ6	GOLD 838.6TL OPENZ	EUR	35,9700	35,9700	35,9700			35,9700					
Certificate	NL0011600994	GOLD 876.1TRL OPENH	EUR	32,9200	32,9200	32,9200			32,9200					
Certificate	DE000CB1NF30	GOLD 920.1TL OPENZ	EUR	28,7600	28,7600	28,7600			28,7600					
Certificate	DE000CN6HP69	GOLD 939.9TL OPENZ	EUR	27,0100	27,0100	27,0100			27,0100					
Certificate	NL0011264742	GOLD 940.38L OPENB	EUR	27,0350	27,0350	27,0350			27,0350					
Certificate	NL0011423561	GOLD 955.2TL OPENH	EUR	27,1500	27,1500	27,1500			27,1500					
Certificate	NL0011423553	GOLD 966.1TL OPENH	EUR	26,2000	26,2000	26,2000			26,2000					
Certificate	DE000CN6HP44	GOLD 980.2TL OPENZ	EUR	23,4500	23,4500	23,4500			23,4500					
Certificate	NL0011048665	GOLD 982.5TL OPENH	EUR	24,7800	24,7800	24,7800			24,7800					
Certificate	DE000CJ3PS04	GOLDC 6.22TL OPENZ	EUR	3,3450	3,3450	3,3150			3,3150					
Certificate	DE000CJ3N1P9	GOLDC 7.26TL OPENZ	EUR	2,4850	2,4850	2,4450			2,4450					
Certificate	DE000CV8AYY3	GOLDC 8.26TL OPENZ	EUR	1,6650	1,7000	1,6250	425,0000	1	1,6250	250				
Certificate	NL0012847891	GOLDF 1002TRL OPENH	EUR	21,7400	21,7400	21,7400			21,7400					
Certificate	NL0012851133	GOLDF 1002TRL OPENH	EUR	21,7700	21,7700	21,7700			21,7700					
Certificate	NL0012906507	GOLDF 1028TRL OPENH	EUR	19,4600	19,4600	19,4600			19,4600					
Certificate	NL0012910335	GOLDF 1044TRL OPENH	EUR	18,0600	18,0600	18,0600			18,0600					
Certificate	NL0013079924	GOLDF 1080TRL OPENH	EUR	14,9300	14,9300	14,9300			14,9300					
Certificate	NL0012209902	GOLDF 1083TL OPENH	EUR	16,0400	16,0400	16,0400			16,0400					
Certificate	NL0013183429	GOLDF 1099TRL OPENH	EUR	13,2500	13,2500	13,2500			13,2500					
Certificate	NL0011995592	GOLDF 1105TL OPENH	EUR	14,1100	14,1100	14,1100			14,1100					
Certificate	NL0012052393	GOLDF 1116TRL OPENH	EUR	11,6700	11,6700	11,6700			11,6700					



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	NL0013079916	GOLDF 1140TRLOPENH	EUR	9,5700	9,5700	9,5700			9,5700					
Certificate	NL0013079908	GOLDF 1143TRLOPENH	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	NL0012916068	GOLDF 1147TRLOPENH	EUR	8,9900	8,9900	8,9900			8,9900					
Certificate	NL0012895833	GOLDF 1151TRLOPENH	EUR	8,6100	8,6100	8,6100			8,6100					
Certificate	NL0012938625	GOLDF 1155TRLOPENH	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	NL0012938609	GOLDF 1160TRLOPENH	EUR	7,8000	7,8000	7,8000			7,8000					
Certificate	NL0011735824	GOLDF 1164TRLOPENH	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	NL0013079890	GOLDF 1168TRLOPENH	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	NL0012938591	GOLDF 1173TRLOPENH	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	NL0012889174	GOLDF 1176TL OPENH	EUR	8,3000	8,3000	8,0200	830,0000	1	8,0200	100				
Certificate	NL0012938575	GOLDF 1178TRLOPENH	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	NL0012889646	GOLDF 1182TRLOPENH	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	NL0012889620	GOLDF 1187TRLOPENH	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	NL0012891477	GOLDF 1191TRLOPENH	EUR	5,2400	5,2400	5,0900	1310,0000	1	5,0900	250				
Certificate	NL0013083223	GOLDF 1198TL OPENH	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	NL0013082464	GOLDF 1200TRLOPENH	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	NL0013187875	GOLDF 1206TRLOPENH	EUR	4,1300	4,1700	3,7100	162810,0000	12	3,7100	40500				
Certificate	NL0013188923	GOLDF 1212TL OPENH	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	NL0013191216	GOLDF 1215TRLOPENH	EUR	3,1400	3,1400	2,9200	1657,0000	2	2,9200	550				
Certificate	NL0013133689	GOLDF 1235TRLOPENH	EUR											
Certificate	NL0013133671	GOLDF 1240TRLOPENH	EUR											
Certificate	NL0013186497	GOLDF 1242TS OPENH	EUR											
Certificate	NL0012930564	GOLDF 1245TRLOPENH	EUR											
Certificate	NL0013185713	GOLDF 1250TRLOPENH	EUR											
Certificate	NL0012930952	GOLDF 1252TS OPENH	EUR	2,6300	3,0000	2,5500	518,0000	2	3,0000	200				
Certificate	NL0012930044	GOLDF 1255TRLOPENH	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	NL0013134125	GOLDF 1255TRLOPENH	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0013180789	GOLDF 1255TRLOPENH	EUR	1,1500	1,4800	1,1200	484,0000	2	1,4000	400				
Certificate	NL0012930945	GOLDF 1262TS OPENH	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	NL0013133663	GOLDF 1265TRLOPENH	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	NL0012930002	GOLDF 1265TRLOPENH	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	NL0012520282	GOLDF 1270TRLOPENH	EUR											
Certificate	NL0012925945	GOLDF 1272TS OPENH	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	NL0012924922	GOLDF 1274TRLOPENH	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0012548630	GOLDF 1280TS OPENH	EUR											
Certificate	NL0012922868	GOLDF 1282TRLOPENH	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	NL0012923809	GOLDF 1282TS OPENH	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	NL0012919435	GOLDF 1287TRLOPENH	EUR	4,2900	4,2900	4,2400	429,0000	1	4,2400	100				
Certificate	NL0011995030	GOLDF 1289TRLOPENH	EUR											
Certificate	NL0013086986	GOLDF 1292TRLOPENH	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	NL0012922553	GOLDF 1292TS OPENH	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	NL0011995576	GOLDF 1294TS OPENH	EUR											
Certificate	NL0012919401	GOLDF 1295TRLOPENH	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	NL0012918775	GOLDF 1302TS OPENH	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	NL0012551279	GOLDF 1304TRLOPENH	EUR											
Certificate	NL0012916472	GOLDF 1305TRLOPENH	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	NL0012556492	GOLDF 1309TL OPENH	EUR											
Certificate	NL0012863559	GOLDF 1317TRLOPENH	EUR	6,8900	6,8900	6,8900			6,8900					
Certificate	NL0012861926	GOLDF 1317TS OPENH	EUR	8,8700	8,8700	8,8700			8,8700					
Certificate	NL0012863542	GOLDF 1319TRLOPENH	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	NL0012863500	GOLDF 1329TRLOPENH	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	NL0012614333	GOLDF 1335TS OPENH	EUR	10,4700	10,4700	10,4700			10,4700					
Certificate	NL0012847826	GOLDF 1342TRLOPENH	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	NL0012613046	GOLDF 1344TRLOPENH	EUR	9,3100	9,3100	9,3100			9,3100					
Certificate	NL0012614325	GOLDF 1345TS OPENH	EUR	11,3700	11,3700	11,3700			11,3700					
Certificate	NL0012848428	GOLDF 1352TRLOPENH	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	NL0012614317	GOLDF 1355TS OPENH	EUR	12,2700	12,2700	12,2700			12,2700					
Certificate	NL0012864284	GOLDF 1357TRLOPENH	EUR	10,4300	10,4300	10,4300			10,4300					
Certificate	NL0012520274	GOLDF 1360TRLOPENH	EUR											
Certificate	NL0012848410	GOLDF 1362TRLOPENH	EUR	10,8500	10,8500	10,8500			10,8500					
Certificate	NL0012551451	GOLDF 1367TS OPENH	EUR	13,4100	13,4100	13,4100			13,4100					
Certificate	NL0012847776	GOLDF 1372TRLOPENH	EUR	11,7200	11,7200	11,7200			11,7200					
Certificate	NL0012848394	GOLDF 1374TRLOPENH	EUR	11,9400	11,9400	11,9400			11,9400					
Certificate	NL0012614309	GOLDF 1375TS OPENH	EUR	14,0700	14,0700	14,0700			14,0700					
Certificate	NL0011998273	GOLDF 1383TS OPENH	EUR	14,7900	14,7900	14,7900			14,7900					
Certificate	NL0012048706	GOLDF 1384TS OPENH	EUR	14,9100	14,9100	14,9100			14,9100					
Certificate	NL0012199921	GOLDF 1387TS OPENH	EUR	15,1700	15,1700	15,1700			15,1700					
Certificate	NL0013183395	GOLDF 1400TRLOPENH	EUR	14,2000	14,2000	14,2000			14,2000					
Certificate	NL0012906499	GOLDF 1407TRLOPENH	EUR	14,8900	14,8900	14,8900			14,8900					
Certificate	NL0012906481	GOLDF 1411TRLOPENH	EUR	15,7700	15,7700	15,7700			15,7700					
Certificate	NL0012548598	GOLDF 1417TS OPENH	EUR	17,8800	17,8800	17,8800			17,8800					
Certificate	NL0013084015	GOLDF 1429TRLOPENH	EUR	16,7800	16,7800	16,7800			16,7800					



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	NL0012096507	GOLDF 1448TRSOPENH	EUR	18,4300	18,4300	18,4300			18,4300					
Certificate	NL0012195416	GOLDF 1449TRSOPENH	EUR	18,5600	18,5600	18,5600			18,5600					
Certificate	NL0013185242	GOLDF 1462TS OPENH	EUR	21,9300	21,9300	21,9300			21,9300					
Certificate	NL0012095566	GOLDF 1464TS OPENH	EUR	22,1600	22,1600	22,1600			22,1600					
Certificate	NL0012368104	GOLDF 1464TS OPENH	EUR	22,1700	22,1700	22,1700			22,1700					
Certificate	NL0012847768	GOLDF 1469TRSOPENH	EUR	20,3200	20,3200	20,3200			20,3200					
Certificate	NL0012329296	GOLDF 1477TS OPENH	EUR	23,3300	23,3300	23,3300			23,3300					
Certificate	NL0012548580	GOLDF 1477TS OPENH	EUR	23,2800	23,2800	23,2800			23,2800					
Certificate	NL0012906473	GOLDF 1487TRSOPENH	EUR	21,9500	21,9500	21,9500			21,9500					
Certificate	NL0012906465	GOLDF 1497TRSOPENH	EUR	22,8400	22,8400	22,8400			22,8400					
Certificate	NL0012313522	GOLDF 1497TS OPENH	EUR	25,1000	25,1000	25,1000			25,1000					
Certificate	NL0012549208	GOLDF 1497TS OPENH	EUR	25,0900	25,0900	25,0900			25,0900					
Certificate	NL0013181357	GOLDF 1510TRSOPENH	EUR	23,9400	23,9400	23,9400			23,9400					
Certificate	NL0013186323	GOLDF 1510TRSOPENH	EUR	23,9300	23,9300	23,9300			23,9300					
Certificate	NL0011892609	GOLDF 1514TRSOPENH	EUR	24,3200	24,3200	24,3200			24,3200					
Certificate	NL0012432157	GOLDF 1522TS OPENH	EUR	27,3600	27,3600	27,3600			27,3600					
Certificate	NL0012211528	GOLDF 1528TS OPENH	EUR	27,9400	27,9400	27,9400			27,9400					
Certificate	NL0013084007	GOLDF 1529TRSOPENH	EUR	25,6200	25,6200	25,6200			25,6200					
Certificate	NL0012311179	GOLDF 1536TS OPENH	EUR	28,6600	28,6600	28,6600			28,6600					
Certificate	NL0012906457	GOLDF 1537TRSOPENH	EUR	26,3700	26,3700	26,3700			26,3700					
Certificate	NL0012847750	GOLDF 1539TRSOPENH	EUR	26,5000	26,5000	26,5000			26,5000					
Certificate	NL0011891601	GOLDF 1547TS OPENH	EUR	29,6700	29,6700	29,6700			29,6700					
Certificate	NL0013192081	GOLDF 1550TRSOPENH	EUR	27,4900	27,4900	27,4900			27,4900					
Certificate	NL0012519086	GOLDF 1567TS OPENH	EUR	31,3900	31,3900	31,3900			31,3900					
Certificate	NL0011894324	GOLDF 1567TS OPENH	EUR	31,4800	31,4800	31,4800			31,4800					
Certificate	NL0012437974	GOLDF 1586TS OPENH	EUR	33,1500	33,1500	33,1500			33,1500					
Certificate	NL0012437966	GOLDF 1596TS OPENH	EUR	34,0400	34,0400	34,0400			34,0400					
Certificate	NL0012565857	GOLDF 1607TS OPENH	EUR	35,0100	35,0100	35,0100			35,0100					
Certificate	NL0011896113	GOLDF 1609TS OPENH	EUR	35,2200	35,2200	35,2200			35,2200					
Certificate	NL0012847701	GOLDF 1639TRSOPENH	EUR	35,3400	35,3400	35,3400			35,3400					
Certificate	NL0012848378	GOLDF 1669TRSOPENH	EUR	37,9900	37,9900	37,9900			37,9900					
Certificate	NL0012847677	GOLDF 1699TRSOPENH	EUR	40,6300	40,6300	40,6300			40,6300					
Certificate	NL0012311161	GOLDF 1705TS OPENH	EUR	43,9000	43,9000	43,9000			43,9000					
Certificate	NL0012048698	GOLDF 1720TS OPENH	EUR	45,2100	45,2100	45,2100			45,2100					
Certificate	NL0011996210	GOLDF 1744TRSOPENH	EUR	44,6600	44,6600	44,6600			44,6600					
Certificate	NL0012330823	GOLDF 1817TRSOPENH	EUR	51,1000	51,1000	51,1000			51,1000					
Certificate	NL0011891668	GOLDF 1897TRSOPENH	EUR	58,1900	58,1900	58,1900			58,1900					
Certificate	NL0012848360	GOLDF 1947TRSOPENH	EUR	62,6400	62,6400	62,6400			62,6400					
Certificate	NL0012313514	GOLDF 1964TS OPENH	EUR	67,2400	67,2400	67,2400			67,2400					
Certificate	NL0012516694	GOLDF 1972TRSOPENH	EUR	64,7800	64,7800	64,7800			64,7800					
Certificate	NL0012432140	GOLDF 2029TS OPENH	EUR	73,1600	73,1600	73,1600			73,1600					
Certificate	NL0012437792	GOLDF 2090TS OPENH	EUR	78,6500	78,6500	78,6500			78,6500					
Certificate	NL0012439780	GOLDF 2154TS OPENH	EUR	84,3800	84,3800	84,3800			84,3800					
Certificate	NL0012906622	GOLDF 655.TRLOPENH	EUR	52,4700	52,4700	52,4700			52,4700					
Certificate	NL0011990619	GOLDF 961.TRLOPENH	EUR	25,4100	25,4100	25,4100			25,4100					
Certificate	NL0012906630	GOLDF629.9TRLOPENH	EUR	54,6900	54,6900	54,6900			54,6900					
Certificate	NL0012906614	GOLDF680.1TRLOPENH	EUR	50,2500	50,2500	50,2500			50,2500					
Certificate	NL0012906606	GOLDF705.6TRLOPENH	EUR	48,0000	48,0000	48,0000			48,0000					
Certificate	NL0012847909	GOLDF750.8TRLOPENH	EUR	44,0000	44,0000	44,0000			44,0000					
Certificate	NL0012906598	GOLDF781.3TRLOPENH	EUR	41,3000	41,3000	41,3000			41,3000					
Certificate	NL0012906580	GOLDF806.4TRLOPENH	EUR	39,0900	39,0900	39,0900			39,0900					
Certificate	NL0012057822	GOLDF808.4TL OPENH	EUR	39,8800	39,8800	39,8800			39,8800					
Certificate	NL0012906572	GOLDF831.5TRLOPENH	EUR	36,8700	36,8700	36,8700			36,8700					
Certificate	NL0012906564	GOLDF856.9TRLOPENH	EUR	34,6100	34,6100	34,6100			34,6100					
Certificate	NL0013188931	GOLDF881.8TL OPENH	EUR	33,5100	33,5100	33,5100			33,5100					
Certificate	NL0013185085	GOLDF882.8TL OPENH	EUR	33,4300	33,4300	33,4300			33,4300					
Certificate	NL0012896062	GOLDF890.6TL OPENH	EUR	32,7500	32,7500	32,7500			32,7500					
Certificate	NL0012906556	GOLDF897.1TRLOPENH	EUR	31,0700	31,0700	31,0700			31,0700					
Certificate	NL0012906549	GOLDF917.2TRLOPENH	EUR	29,2800	29,2800	29,2800			29,2800					
Certificate	NL0012906531	GOLDF927.3TRLOPENH	EUR	28,3900	28,3900	28,3900			28,3900					
Certificate	NL0012902654	GOLDF930.1TRLOPENH	EUR	28,1400	28,1400	28,1400			28,1400					
Certificate	NL0012906523	GOLDF947.6TRLOPENH	EUR	26,5900	26,5900	26,5900			26,5900					
Certificate	NL0012906515	GOLDF977.8TRLOPENH	EUR	23,9200	23,9200	23,9200			23,9200					
Certificate	NL0013185721	GOLDF992.3TRLOPENH	EUR	22,6400	22,6400	22,6400			22,6400					
Certificate	DE000CJ3N6J1	GOPRO 4.9TL 1218Z	EUR											
Certificate	DE000CJ3QT40	GOPRO 3.78TL 0319Z	EUR	1,0350	1,0350	0,9650			0,9650					
Certificate	DE000CJ3P5K9	GOPRO 4.38TL 0319Z	EUR	0,5250	0,5250	0,4550			0,4550					
Certificate	DE000CJ3N6H5	GOPRO 4.55TL 1218Z	EUR	0,3850	0,3850	0,3100	825,0000	2	0,3150	2500				
Certificate	DE000CJ3P8M9	GOPRO 4.73TL 0319Z	EUR	0,2250	0,2250	0,1650			0,1650					
Certificate	DE000CJ3QR91	GOPRO3.123TL OPENZ	EUR	1,5950	1,5950	1,5350			1,5350					
Certificate	DE000CV89U68	GOPRO4.121TL OPENZ	EUR	0,7250	0,7250	0,6550			0,6550					
Certificate	DE000CV8AHP6	GOPRO4.635TL OPENZ	EUR	0,2950	0,2950	0,2250			0,2250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0000455905	GOUD CT OPENN	EUR	1094,5000	1095,5000	1094,5000			1095,5000					
Certificate	DE000CJ3PAL5	GRMN 45.86TL OPENZ	EUR	1,8450	1,9150	1,8450			1,9150					
Certificate	DE000CV8ASYS	GRMN 52.78TL OPENZ	EUR	1,2650	1,3250	1,2650			1,3250					
Certificate	DE000CJ3PWJ3	GRMN 61.06TL OPENZ	EUR	0,5650	0,6250	0,5650			0,6250					
Certificate	NL0012977565	GRVNV 19.18L OPENB	EUR	0,0750	0,0750	0,0650			0,0650					
Certificate	NL0013153596	GRVNV 21.78S OPENB	EUR	0,2650	0,2650	0,2650			0,2650					
Certificate	NL0012982839	GRVNV 23.78S OPENB	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	NL0013146632	GRVNV 25.78S OPENB	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	DE000CV89RM9	GRVNV11.51TL OPENZ	EUR	7,8800	7,8800	7,8800			7,8800					
Certificate	DE000CV4ZUQ3	GRVNV13.55TL OPENZ	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	DE000CV4ZQ87	GRVNV14.56TL OPENZ	EUR	4,8250	4,8250	4,8250			4,8250					
Certificate	NL0012682777	GRVNV15.07TL OPENB	EUR	5,4550	5,4550	5,3750			5,3750					
Certificate	DE000CD63RB5	GRVNV15.57TL OPENZ	EUR	3,8150	3,8150	3,8150			3,8150					
Certificate	NL0010933560	GRVNV16.09TL OPENB	EUR	4,4950	4,4950	4,4150			4,4150					
Certificate	DE000CD63G35	GRVNV16.56TL OPENZ	EUR	2,8250	2,8250	2,8250			2,8250					
Certificate	NL0012998884	GRVNV17.09BL OPENB	EUR	0,2750	0,2750	0,2650			0,2650					
Certificate	NL0012034094	GRVNV17.18TL OPENB	EUR	3,4850	3,4850	3,4050			3,4050					
Certificate	DE000CD63DO3	GRVNV17.57TL OPENZ	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	NL0012977557	GRVNV18.08BL OPENB	EUR	0,1750	0,1750	0,1650			0,1650					
Certificate	NL0012785844	GRVNV18.18TL OPENB	EUR	2,5550	2,5550	2,4750			2,4750					
Certificate	DE000CV89VH1	GRVNV18.55TL OPENZ	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	NL0012983340	GRVNV19.19TL OPENB	EUR	1,6150	1,6150	1,5350			1,5350					
Certificate	DE000CJ3QY68	GRVNV21.05TS OPENZ	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	NL0013154917	GRVNV21.53TS OPENB	EUR	3,8850	3,8850	3,8850			3,8850					
Certificate	NL0012786313	GRVNV23.03TS OPENB	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	DE000CE6E4W8	GRVNV23.55TS OPENZ	EUR	4,2550	4,2550	4,2550			4,2550					
Certificate	NL0012988216	GRVNV24.54TS OPENB	EUR	7,1450	7,1450	7,1450			7,1450					
Certificate	DE000CN6FG88	GRVNV26.04TS OPENZ	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	DE000CJ3PU14	GRVNV28.53TS OPENZ	EUR	9,2300	9,2300	9,2300			9,2300					
Certificate	NL0010135000	GS 113TL OPENB	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	XS1219743553	GSCI STN0419B	EUR	58,0000	59,9500	58,0000			59,9500					
Certificate	DE000CJ3P980	GVCHD 5.51TL OPENZ	EUR	0,9500	1,0350	0,9500			1,0350					
Certificate	DE000CJ3QUB2	GVCHD4.512TL OPENZ	EUR	2,0400	2,1250	2,0400			2,1250					
Certificate	DE000CJ3NLH5	GVCHD7.013TL OPENZ	EUR											
Certificate	DE000CV8AX34	GWPH 110.4TL OPENZ	EUR	0,9200	0,9200	0,9000			0,9000					
Certificate	DE000CJ3QM70	GWPH 80.04TL OPENZ	EUR	2,1600	2,1600	2,1500			2,1500					
Certificate	DE000CJ3PSE2	GWPH 95.19TL OPENZ	EUR	1,5400	1,5400	1,5300			1,5300					
Certificate	NL0012582225	HEIDL 86.2TS OPENH	EUR	3,8500	3,8700	3,8500			3,8700					
Certificate	NL0011990346	HEIDL102.8TS OPENH	EUR	5,6300	5,6500	5,6300			5,6500					
Certificate	NL0011989876	HEIDL104.6TS OPENH	EUR	5,8300	5,8500	5,8300			5,8500					
Certificate	NL0012541650	HEIDL115.1TS OPENH	EUR	6,9600	6,9700	6,9600			6,9700					
Certificate	NL0011225545	HEIDL35.84TL OPENH	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000CJ3N476	HEIDL40.89TL OPENZ	EUR	1,3350	1,3500	1,3350			1,3500					
Certificate	DE000CN6ERD7	HEIDL49.96TL OPENZ	EUR	0,4350	0,4500	0,4350			0,4500					
Certificate	NL0011225529	HEIDL52.83TL OPENH	EUR	0,4800	0,5500	0,4800	82,5000	1	0,4800	150				
Certificate	NL0013188246	HEIDL62.39TS OPENH	EUR	1,2900	1,3100	1,2900			1,3100					
Certificate	NL0012905137	HEIDL69.96TS OPENH	EUR	2,1000	2,1200	2,1000			2,1200					
Certificate	NL0012938302	HEIDL71.84TS OPENH	EUR	2,3000	2,3200	2,3000			2,3200					
Certificate	NL0012920896	HEIDL73.47TS OPENH	EUR	2,4800	2,5000	2,4800			2,5000					
Certificate	NL0012919757	HEIDL75.42TS OPENH	EUR	2,6900	2,7100	2,6900			2,7100					
Certificate	NL0012917165	HEIDL77.39TS OPENH	EUR	2,9000	2,9200	2,9000			2,9200					
Certificate	NL0012911945	HEIDL79.32TS OPENH	EUR	3,1100	3,1300	3,1100			3,1300					
Certificate	NL0012861280	HEIDL80.99TS OPENH	EUR	3,2900	3,3100	3,2900			3,3100					
Certificate	NL0011992573	HEIDL83.68TL OPENH	EUR											
Certificate	NL0012580914	HEIDL84.22TS OPENH	EUR	3,6300	3,6500	3,6300			3,6500					
Certificate	NL0012565246	HEIDL88.07TS OPENH	EUR	4,0500	4,0700	4,0500			4,0700					
Certificate	NL0012561674	HEIDL89.94TS OPENH	EUR	4,2500	4,2700	4,2500			4,2700					
Certificate	NL0012312896	HEIDL93.68TS OPENH	EUR	4,6500	4,6700	4,6500			4,6700					
Certificate	NL0012246367	HEIDL98.39TS OPENH	EUR	5,1600	5,1800	5,1600			5,1800					
Certificate	NL0011993852	HEIDL99.15TS OPENH	EUR	5,2400	5,2600	5,2400			5,2600					
Certificate	NL0012245559	HEIDL99.18TS OPENH	EUR	5,2400	5,2600	5,2400			5,2600					
Certificate	NL0012102735	HEIJM 6.1TL OPENB	EUR	2,4350	2,6250	2,4350			2,6250					
Certificate	NL0012033849	HEIJM 3.51TL OPENB	EUR	4,6850	4,8750	4,6850			4,8750					
Certificate	NL0010124293	HEIJM 4.03TL OPENB	EUR	4,3950	4,3950	4,3950			4,3950					
Certificate	NL0012034102	HEIJM 4.55TL OPENB	EUR	3,7850	3,9750	3,7850			3,9750					
Certificate	NL0012035893	HEIJM 5.06TL OPENB	EUR	3,3350	3,5250	3,3350			3,5250					
Certificate	NL0012102404	HEIJM 5.59TL OPENB	EUR	2,8750	3,0650	2,8750			3,0650					
Certificate	NL0012257836	HEIJM 6.62TL OPENB	EUR	1,9850	2,2250	1,9850	1554,0000	2	2,1750	700				
Certificate	NL0012488993	HEIJM 7.12TL OPENB	EUR	1,5450	1,7350	1,5450			1,7350					
Certificate	NL0012504518	HEIJM 7.38TL OPENB	EUR	1,3250	1,5600	1,3250	499,2000	1	1,5150	320				
Certificate	NL0012489223	HEIJM 7.63TL OPENB	EUR											
Certificate	NL0013165467	HEIJM 7.96TS OPENB	EUR	1,6650	1,6650	1,6650			1,6650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012489470	HEIJM 8.15TL OPENB	EUR											
Certificate	NL0013162589	HEIJM 8.46TS OPENB	EUR	2,2450	2,2450	2,0950			2,0950					
Certificate	NL0013161227	HEIJM 8.96TS OPENB	EUR	2,8350	2,8350	2,6850			2,6850					
Certificate	NL0013151996	HEIJM 9.46TS OPENB	EUR	3,4150	3,4150	3,2650			3,2650					
Certificate	NL0013150873	HEIJM 9.96TS OPENB	EUR	3,9950	3,9950	3,8450			3,8450					
Certificate	NL0013012982	HEIJM10.44TS OPENB	EUR	4,5650	4,5650	4,4150			4,4150					
Certificate	NL0013011851	HEIJM10.94TS OPENB	EUR	5,1550	5,1550	5,0050			5,0050					
Certificate	NL0013005929	HEIJM12.45TS OPENB	EUR	6,9150	6,9150	6,7650			6,7650					
Certificate	NL0012791909	HEIJM13.43TS OPENB	EUR	8,0650	8,0650	7,9150			7,9150					
Certificate	NL0013110430	HEINK LEVOPENZ	EUR	43,0200	45,1100	43,0200			45,1100					
Certificate	NL0011042189	HEINK 36TL OPENH	EUR	44,8700	46,3500	44,8700			46,3500					
Certificate	DE000CX59UA7	HEINK 50TL OPENC	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	NL0011042163	HEINK 53TL OPENH	EUR	29,0000	30,4800	29,0000			30,4800					
Certificate	DE000CC60N21	HEINK 58TL OPENC	EUR	26,4300	26,4300	26,4300			26,4300					
Certificate	DE000CC60P04	HEINK 60TL OPENC	EUR	24,4400	24,4400	24,4400			24,4400					
Certificate	DE000CC60C41	HEINK 60TL OPENC	EUR	21,3500	21,3500	21,3500			21,3500					
Certificate	DE000CW42PP3	HEINK 60TL OPENC	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CX000X2	HEINK 60TL OPENC	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	NL0010928503	HEINK 62TL OPENB	EUR	20,5200	21,8800	20,5200			21,8800					
Certificate	DE000CC60C58	HEINK 62TL OPENC	EUR	19,2500	19,2500	19,2500			19,2500					
Certificate	DE000CV8B9B6	HEINK 64TL 1218Z	EUR	2,9650	3,1300	2,9650			3,1300					
Certificate	DE000CC8ATM1	HEINK 64TL OPENC	EUR	17,3600	17,3600	17,3600			17,3600					
Certificate	DE000CP06TY6	HEINK 65TL OPENC	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000CX00336	HEINK 65TL OPENC	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000CX0K1H3	HEINK 65TL OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CC8AE29	HEINK 65TL OPENC	EUR	16,2000	16,2000	16,2000			16,2000					
Certificate	DE000CV8BA14	HEINK 69TL 1218Z	EUR	1,9750	2,1400	1,9750			2,1400					
Certificate	DE000CP06ZU1	HEINK 70TL OPENC	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CY0AYM2	HEINK 70TL OPENC	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CP06WP8	HEINK 70TL OPENC	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CY0AZC0	HEINK 70TL OPENC	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CP06ZV9	HEINK 72TL OPENC	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CP06WQ6	HEINK 72TL OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CV8ABA1	HEINK 74TL 1218Z	EUR	0,9950	1,1600	0,9950			1,1600					
Certificate	DE000CY50X34	HEINK 75TL OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CY16FR0	HEINK 75TL OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CY16AP5	HEINK 75TL OPENC	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CY50UQ0	HEINK 75TL OPENC	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CQ58Z00	HEINK 76TL OPENC	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CP234R9	HEINK 76TL OPENC	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	LU1876931012	HEINK 78TCIOPENS	EUR											
Certificate	DE000CP234S7	HEINK 78TL OPENC	EUR											
Certificate	DE000CP232A9	HEINK 78TL OPENC	EUR											
Certificate	LU1876931103	HEINK 80TCIOPENS	EUR											
Certificate	DE000CX59PQ3	HEINK 80TS OPENC	EUR											
Certificate	LU1876936169	HEINK 82TCIOPENS	EUR	4,2800	4,2800	2,8600	130,9100	2	2,9200		38			
Certificate	NL0013004260	HEINK 82TS OPENB	EUR	10,4700	10,4700	9,0700			9,0700					
Certificate	DE000CP23NL1	HEINK 82TS OPENC	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CP067V5	HEINK 85TS OPENC	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CP06792	HEINK 85TS OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CQ58Z18	HEINK 86TS OPENC	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	LU1817099010	HEINK 89TCIOPENS	EUR	10,6500	10,6500	9,2800			9,2800					
Certificate	LU1876936243	HEINK 90TCIOPENS	EUR	12,2300	12,2300	10,8600			10,8600					
Certificate	DE000CQ58V12	HEINK 90TS OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CP060F3	HEINK 90TS OPENC	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	NL0012987275	HEINK 92BOC0619B	EUR	81,3000	82,7500	81,3000			82,7500					
Certificate	NL0012933618	HEINK 92TS OPENH	EUR	21,4900	21,4900	20,8100			20,8100					
Certificate	LU1876936326	HEINK 96TCIOPENS	EUR	18,2000	18,2000	16,8300			16,8300					
Certificate	NL0012494587	HEINK 99BOC1218B	EUR	77,9500	79,3500	77,9500			79,3500					
Certificate	LU1876936599	HEINK 100TCIOPENS	EUR	22,1900	22,1900	20,8200			20,8200					
Certificate	DE000CY52483	HEINK 100TS OPENC	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CQ58ZL3	HEINK 100TS OPENC	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000CY50S25	HEINK 100TS OPENC	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CY16JD2	HEINK 100TS OPENC	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CY16HZ9	HEINK 100TS OPENC	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CP060G1	HEINK 100TS OPENC	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	LU1876936672	HEINK 104TCIOPENS	EUR	26,1900	26,1900	24,8100			24,8100					
Certificate	DE000CY50X42	HEINK 110TS OPENC	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	DE000CQ5AWP8	HEINK 110TS OPENC	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000CQ58ZM1	HEINK 110TS OPENC	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	DE000CY50NU7	HEINK 110TS OPENC	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0011042197	HEINK 27.5TL OPENH	EUR	52,7700	54,2800	52,7700			54,2800					



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	NL0010176335	HEINK 37.1TL OPENB	EUR	45,0100	45,0100	45,0100			45,0100					
Certificate	NL0010657144	HEINK 42.4TL OPENB	EUR	40,0400	40,0400	40,0400			40,0400					
Certificate	NL0011042171	HEINK 44.5TL OPENH	EUR	36,9100	38,4200	36,9100				38,4200				
Certificate	NL0010887451	HEINK 47.7TL OPENB	EUR	33,7700	35,1300	33,7700				35,1300				
Certificate	NL0011042155	HEINK 57.3TL OPENH	EUR	25,0100	26,5200	25,0100				26,5200				
Certificate	NL0010921391	HEINK 57.7TL OPENB	EUR	24,4800	25,8400	24,4800				25,8400				
Certificate	NL0011042148	HEINK 61.5TL OPENH	EUR	21,0800	22,5500	21,0800				22,5500				
Certificate	NL0011425525	HEINK 64.1TL OPENB	EUR	18,5600	19,9200	18,5600				19,9200				
Certificate	NL0012048524	HEINK 65.7TL OPENH	EUR	17,1800	18,6600	17,1800				18,6600				
Certificate	NL0012094064	HEINK 69.3TL OPENH	EUR	13,9000	15,3800	13,9000				15,3800				
Certificate	NL0012489975	HEINK 69.4TL OPENB	EUR	13,5700	14,9300	13,5700				14,9300				
Certificate	NL0012171946	HEINK 71.3TL OPENH	EUR	12,0000	13,5100	12,0000				13,5100				
Certificate	NL0011996079	HEINK 71.6TS OPENH	EUR											
Certificate	NL0012111355	HEINK 72.4TL OPENB	EUR	10,7600	12,1200	10,7600				12,1200				
Certificate	NL0012175319	HEINK 73.3TL OPENH	EUR	10,1000	11,6100	10,1000				11,6100				
Certificate	DE000VA6D3E7	HEINK 73.6TL OPENV	EUR	0,5400	0,5400	0,5400				0,5400				
Certificate	NL0013009681	HEINK 73.9TL OPENB	EUR	9,4400	10,8000	9,4400				10,8000				
Certificate	NL0013012800	HEINK 75.4TL OPENB	EUR	7,9600	9,3200	7,9600				9,3200				
Certificate	NL0012202949	HEINK 75.4TL OPENH	EUR	8,1600	9,6700	8,1600				9,6700				
Certificate	NL0013019086	HEINK 76.9TL OPENB	EUR	6,6000	7,9600	6,6000				7,9600				
Certificate	NL0013148356	HEINK 78.4TL OPENB	EUR											
Certificate	NL0013128440	HEINK 78.6TL OPENH	EUR											
Certificate	NL0012899975	HEINK 82.6TS OPENH	EUR	11,3400	11,3400	10,6300				10,6300				
Certificate	NL0012989131	HEINK 87.9TS OPENB	EUR	16,8200	16,8200	15,4200				15,4200				
Certificate	NL0012936652	HEINK 88.2TS OPENH	EUR	17,4300	17,4300	16,7500	2553,0000	1	16,7500	150				
Certificate	NL0011728753	HEINK 93.7TS OPENH	EUR	23,4000	23,4000	22,6900				22,6900				
Certificate	NL0011241187	HEINK 94.5TS OPENH	EUR	24,2600	24,2600	23,5500				23,5500				
Certificate	LU1790554817	HEINK 94.6TPIOPENS	EUR	15,3100	15,3100	13,9400				13,9400				
Certificate	NL0012275671	HEINK 96.7TS OPENB	EUR	26,3500	26,3500	24,9500				24,9500				
Certificate	NL0012889083	HEINK 98.2TS OPENH	EUR	28,2300	28,2300	27,5500				27,5500				
Certificate	NL0012971931	HEINK 99.7TS OPENB	EUR	29,5500	29,5500	28,1500				28,1500				
Certificate	NL0012931216	HEINK 99.9TS OPENH	EUR	30,0100	30,0100	29,3300				29,3300				
Certificate	NL0012604698	HEINK104.7TS OPENH	EUR	35,2700	35,2700	34,5600				34,5600				
Certificate	NL0012246375	HEINK105.3TS OPENH	EUR	35,8300	35,8300	35,1500				35,1500				
Certificate	DE000CV875K5	HEINK105.8TS OPENZ	EUR	5,5500	5,5500	5,3900				5,3900				
Certificate	DE000CF80AP0	HEINK48.16TL OPENC	EUR											
Certificate	DE000CD63X18	HEINK53.84TL OPENZ	EUR	24,5900	25,4000	24,5900				25,4000				
Certificate	DE000CR1JCA1	HEINK58.89TL OPENZ	EUR	19,5300	20,3400	19,5300				20,3400				
Certificate	LU1841030361	HEINK60.34TCIOPENS	EUR	18,0500	19,4200	18,0500				19,4200				
Certificate	DE000CJ3P3H0	HEINK61.25TL 0319Z	EUR	3,5150	3,6700	3,5150				3,6700				
Certificate	DE000CR4JJ35	HEINK62.32TL OPENZ	EUR	16,1250	16,9350	16,1250				16,9350				
Certificate	DE000CR6Y955	HEINK63.22TL OPENZ	EUR	15,2400	16,0500	15,2400				16,0500				
Certificate	NL0011539267	HEINK65.72BL OPENB	EUR	12,9100	14,2700	12,9100				14,2700				
Certificate	DE000CJ3P3J6	HEINK65.75TL 0319Z	EUR	2,6150	2,7700	2,6150				2,7700				
Certificate	DE000CR6XCW5	HEINK66.28TL OPENZ	EUR	12,1900	13,0000	12,1900				13,0000				
Certificate	DE000VA7TEH4	HEINK66.74TL OPENV	EUR	1,2400	1,2400	1,2400				1,2400				
Certificate	NL0011532023	HEINK67.88BL OPENB	EUR	10,7700	12,1300	10,7700				12,1300				
Certificate	LU1493003252	HEINK68.14TCIOPENS	EUR	10,0800	11,4600	10,0800				11,4600				
Certificate	DE000VA7PVP26	HEINK68.72TL OPENV	EUR	1,0400	1,0400	1,0400				1,0400				
Certificate	DE000VA90VF7	HEINK69.87TL OPENV	EUR	0,9400	0,9400	0,9400				0,9400				
Certificate	NL0012109375	HEINK69.98BL OPENB	EUR	8,6700	10,0300	8,6700	20020,0000	1	10,0300	2000				
Certificate	DE000VAGEFN3	HEINK70.67TL OPENV	EUR	0,8400	0,8400	0,8400				0,8400				
Certificate	LU1840980673	HEINK70.88TCIOPENS	EUR	7,5000	8,8700	7,5000				8,8700				
Certificate	DE000CE6BG24	HEINK71.23TL OPENZ	EUR	1,4550	1,6200	1,4550				1,6200				
Certificate	DE000CJ3P3K4	HEINK71.25TL 0319Z	EUR	1,5250	1,6800	1,5250				1,6800				
Certificate	DE000VAGEFR4	HEINK71.67TL OPENV	EUR	0,7400	0,7400	0,7400				0,7400				
Certificate	NL0013010556	HEINK72.15BL OPENB	EUR	6,5000	7,8600	6,5000				7,8600				
Certificate	LU1840912916	HEINK73.02TCIOPENS	EUR	5,3500	6,7200	5,3500				6,7200				
Certificate	NL0012111611	HEINK74.17BL OPENB	EUR	4,4800	5,8400	4,4800				5,8400				
Certificate	DE000VA7PSH2	HEINK74.72TL OPENV	EUR	0,4400	0,4400	0,4400				0,4400				
Certificate	DE000VA7I273	HEINK75.76TL OPENV	EUR	0,3500	0,3500	0,3500				0,3500				
Certificate	NL0013013808	HEINK76.17BL OPENB	EUR	2,4800	3,8400	2,4800	20404,0000	4	3,8400	7300				
Certificate	LU1859906999	HEINK76.21TCIOPENS	EUR	2,2700	3,6400	2,2700				3,6400				
Certificate	DE000VA87LQ1	HEINK76.81TL OPENV	EUR	0,2600	0,2600	0,2600				0,2600				
Certificate	DE000VA87LTS	HEINK77.81TL OPENV	EUR											
Certificate	NL0013153505	HEINK78.15BL OPENB	EUR											
Certificate	DE000VA90VG5	HEINK78.87TL OPENV	EUR											
Certificate	DE000VN9HEJ6	HEINK80.28TS OPENV	EUR	0,1800	0,1800	0,1800				0,1800				
Certificate	DE000VN9HEK4	HEINK81.28TS OPENV	EUR	0,2700	0,2700	0,2700				0,2700				
Certificate	DE000VA90TJ3	HEINK82.36TS OPENV	EUR	0,3600	0,3600	0,3600				0,3600				
Certificate	NL0012996912	HEINK83.52BS OPENB	EUR	5,8900	5,8900	4,4900				4,4900				
Certificate	DE000VA6ECD1	HEINK83.74TS OPENV	EUR	0,4500	0,4500	0,4500				0,4500				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1817217406	HEINK85.48TPIOpens	EUR	7,1900	7,1900	5,8300			5,8300					
Certificate	DE000VAGD690	HEINK85.77TS OPENV	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CJ3N252	HEINK85.93TS OPENZ	EUR	1,5850	1,6200	1,3400	174,5000	2	1,4200	125				
Certificate	NL0012994875	HEINK86.49BS OPENB	EUR	8,8600	8,8600	7,4600			7,4600					
Certificate	DE000VASRQX3	HEINK87.81TS OPENV	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012985824	HEINK89.46BS OPENB	EUR	11,8300	11,8300	10,4300			10,4300					
Certificate	DE000VASRQY1	HEINK89.81TS OPENV	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000VASRQZ8	HEINK91.81TS OPENV	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0012490163	HEINK91.83BS OPENB	EUR	14,2000	14,2000	12,8000			12,8000					
Certificate	DE000VASRQ07	HEINK93.81TS OPENV	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000VASRQ15	HEINK95.81TS OPENV	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	DE000CE6D4Q1	HEINK95.88TS OPENZ	EUR	3,5650	3,5650	3,4000			3,4000					
Certificate	DE000VASRQ23	HEINK97.81TS OPENV	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0011721345	HENKE 85TL OPENH	EUR	1,9400	2,0400	1,9400			2,0400					
Certificate	NL0011721337	HENKE 89.1TL OPENH	EUR	1,5500	1,6500	1,5500			1,6500					
Certificate	NL0011714027	HENKE 92.1TL OPENH	EUR	1,2800	1,3800	1,2800			1,3800					
Certificate	NL0013128457	HENKE 94.6TL OPENH	EUR	1,0400	1,1400	1,0400			1,1400					
Certificate	NL0012905145	HENKE104.5TS OPENH	EUR	1,3600	1,3600	1,3000			1,3000					
Certificate	NL0012888697	HENKE114.3TS OPENH	EUR	2,4200	2,4200	2,3500			2,3500					
Certificate	NL0012565261	HENKE116.1TS OPENH	EUR	2,6100	2,6100	2,5400			2,5400					
Certificate	NL0012333819	HENKE123.9TS OPENH	EUR	3,4500	3,4500	3,3900			3,3900					
Certificate	NL0011225552	HENKE126.9TS OPENH	EUR	3,7700	3,7700	3,7000			3,7000					
Certificate	NL0012210108	HENKE150.9TS OPENH	EUR	6,3500	6,3500	6,2900			6,2900					
Certificate	DE000CJ3NUE3	HENKE67.78TL OPENZ	EUR	3,1050	3,2100	3,1050			3,2100					
Certificate	DE000C9R9QT7	HENKE77.78TL OPENZ	EUR	2,1150	2,2100	2,1150			2,2100					
Certificate	DE000C9P6H0	HENKE86.75TL OPENZ	EUR	1,2250	1,3200	1,2250			1,3200					
Certificate	DE000CV893G7	HERMS468.7TL OPENZ	EUR	1,3300	1,4350	1,3300			1,4350					
Certificate	DE000CJ3QXM3	HFSH 5.33TL OPENZ	EUR	0,5600	0,5600	0,4950			0,4950					
Certificate	DE000CJ3QCV8	HFSH 6.33TL OPENZ	EUR	0,3800	0,3800	0,3150			0,3150					
Certificate	DE000CJ3N3M2	HFSH 7.32TL OPENZ	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CJ3QLN6	HFSH 8.33TL OPENZ	EUR											
Certificate	NL0013005713	HLAN 127.TL OPENB	EUR	1,7200	1,7300	1,5600	2997,5000	2	1,5600	1750				
Certificate	DE000CJ3PB41	HLAN 105.6TL OPENZ	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	NL0013015357	HLAN 119.5TL OPENB	EUR	2,4100	2,4100	2,2500			2,2500					
Certificate	DE000CJ3PB58	HLAN 120.7TL OPENZ	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000CJ3QXLS	HLAN 130.7TL OPENZ	EUR											
Certificate	NL0013005721	HLAN 134.6TL OPENB	EUR											
Certificate	DE000CJ3PB66	HLAN 135.7TL OPENZ	EUR											
Certificate	NL0013005762	HLAN 150.2TS OPENB	EUR	3,4000	3,6000	3,4000			3,6000					
Certificate	NL0013005770	HLAN 165.2TS OPENB	EUR	5,0600	5,2600	5,0600			5,2600					
Certificate	DE000CJ3PRY2	HLAN 95.55TL OPENZ	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	DE000CV4ZTT9	HMB 102.6TL OPENZ	EUR	1,1200	1,1800	1,1200			1,1800					
Certificate	DE000CV887N5	HMB 112.5TL OPENZ	EUR	0,9300	0,9800	0,9300			0,9800					
Certificate	DE000CJ3NJ82	HMB 122.5TL OPENZ	EUR	0,7400	0,7900	0,7400			0,7900					
Certificate	DE000CJ3NS02	HMB 137.5TL OPENZ	EUR	0,4500	0,5000	0,4500			0,5000					
Certificate	DE000CJ3QDT0	HMB 152.4TL OPENZ	EUR	0,1700	0,2200	0,1700			0,2200					
Certificate	DE000CV87TK3	HMB 82.36TL OPENZ	EUR	1,5100	1,5700	1,5100			1,5700					
Certificate	DE000CV880X9	HMB 92.57TL OPENZ	EUR	1,3100	1,3700	1,3100			1,3700					
Certificate	NL0011525654	HOMED105.9TL OPENB	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	DE000CD62361	HSBC 4.124TL OPENZ	EUR	2,5950	2,5950	2,5750			2,5750					
Certificate	DE000CD62LF1	HSBC 4.802TL OPENZ	EUR	1,8450	1,8450	1,8250			1,8250					
Certificate	DE000CD641B3	HSBC 5.809TL OPENZ	EUR	0,7450	0,7450	0,7250			0,7250					
Certificate	NL0000456457	HSCEI PI OPENN	EUR	116,3000	116,3000	116,3000			116,3000					
Certificate	NL0011218367	HSCEI STN1019V	EUR	103,0000	103,2500	103,0000			103,2500					
Certificate	NL0000450922	HSCEI 1360TL OPENB	EUR	10,1100	10,1100	10,1100			10,1100					
Certificate	NL0006473597	HSCEI 2050TL OPENB	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	NL0006518359	HSCEI 3590TL OPENB	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	NL0009067479	HSCEI 4500TL OPENB	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	NL0009069947	HSCEI 5520TL OPENB	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	NL0009995448	HSCEI 6540TL OPENB	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	NL0012277933	HSCEI 8720TL OPENB	EUR	2,5450	2,5450	2,5450			2,5450					
Certificate	NL0012277958	HSCEI 9760TL OPENB	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	NL0012976286	HSCEI11470TS OPENB	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	NL0012976294	HSCEI11960TS OPENB	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0012976302	HSCEI12460TS OPENB	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	NL0011252796	HSCEI13950TS OPENB	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	DE0005718605	HSI PI OPENN	EUR	289,3700	289,3700	289,3700			289,3700					
Certificate	NL0006467334	HSI 3540TL OPENB	EUR	25,5450	25,5450	25,5450			25,5450					
Certificate	NL0009172667	HSI 6290TL OPENB	EUR	22,6150	22,6150	22,6150			22,6150					
Certificate	NL0009172675	HSI 9920TL OPENB	EUR	18,7250	18,7250	18,7250			18,7250					
Certificate	NL0010609160	HSI 15300TL OPENB	EUR	12,9650	12,9650	12,9650			12,9650					
Certificate	NL0012277990	HSI 18330TL OPENB	EUR	9,7100	9,7100	9,7100			9,7100					



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	NL0012278006	HSI 21460TL OPENB	EUR	6,3700	6,3700	6,3700			6,3700					
Certificate	NL0012278014	HSI 23540TL OPENB	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	NL0012278022	HSI 24580TL OPENB	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0013157233	HSI 25600TL OPENB	EUR											
Certificate	NL0013157266	HSI 28020TS OPENB	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	NL0012976328	HSI 29030TS OPENB	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	NL0012976336	HSI 31030TS OPENB	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	DE000CE6CCZ7	HUGO 55.3TL OPENZ	EUR	0,4250	0,4250	0,4000			0,4000					
Certificate	DE000CJ3PHU1	HUGO 39.29TL OPENZ	EUR	2,0150	2,0150	1,9900			1,9900					
Certificate	DE000CE6DQL5	HUGO 49.31TL OPENZ	EUR	1,0150	1,0150	0,9900			0,9900					
Certificate	NL0000458172	IABBP PI OPENN	EUR	90,2500	91,2500	90,2500			91,2500					
Certificate	NL0000847689	IAEET PI OPENN	EUR	1,3900	1,4000	1,3900			1,4000					
Certificate	NL0006303281	IAVIT PI OPENN	EUR	19,5800	19,7900	19,5800			19,7900					
Certificate	NL0000290195	IAWUT PI OPENN	EUR	32,5900	32,8800	32,5900			32,8800					
Certificate	NL0013162613	IBAB 16.4TS OPENB	EUR	0,4600	0,4600	0,4500			0,4500					
Certificate	NL0013001969	IBAB 19.4TS OPENB	EUR	0,8000	0,8000	0,7900			0,7900					
Certificate	DE000CJ3N633	IBAB 9.64TL OPENZ	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	DE000CV4ZCG2	IBAB 10.64TL OPENZ	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	NL0013015894	IBAB 11.54TL OPENB	EUR	0,3900	0,4100	0,3900			0,4100					
Certificate	DE000CJ3NLR4	IBAB 11.78TL OPENZ	EUR	0,3700	0,3700	0,3350	185,0000	1	0,3350	500				
Certificate	NL0013009707	IBAB 12.54TL OPENB	EUR	0,3000	0,3200	0,3000			0,3200					
Certificate	DE000CV4ZCE7	IBAB 12.87TL OPENZ	EUR	0,2350	0,2350	0,2350			0,2350					
Certificate	NL0013005812	IBAB 13.54TL OPENB	EUR	0,2100	0,2300	0,2100			0,2300					
Certificate	DE000CJ3PV96	IBAB 13.92TL OPENZ	EUR											
Certificate	NL0013156508	IBAB 14.54TL OPENB	EUR											
Certificate	DE000CJ3QJC3	IBAB 14.92TL OPENZ	EUR											
Certificate	NL0013159338	IBAB 15.54TL OPENB	EUR											
Certificate	DE000CJ3QN53	IBAB 15.94TL OPENZ	EUR											
Certificate	NL0012994040	IBAB 22.39TS OPENB	EUR	1,1400	1,1400	1,1300			1,1300					
Certificate	DE000CE6EAD4	IBAB 32.08TS OPENZ	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	DE000CV505N3	IBERD4.539TL OPENZ	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CE6CA03	IBERD5.239TL OPENZ	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0010131066	IBEX 4640TL OPENB	EUR	42,2300	42,2300	42,2300			42,2300					
Certificate	NL0010134136	IBEX 5760TL OPENB	EUR	31,4100	31,4100	31,4100			31,4100					
Certificate	DE000CNGIQA4	IBEX 6288TL OPENZ	EUR	24,3400	24,3400	24,3400			24,3400					
Certificate	NL0010443057	IBEX 6320TL OPENB	EUR	25,9300	25,9300	25,9300			25,9300					
Certificate	DE000CNGHNC1	IBEX 6807TL OPENZ	EUR	19,1500	19,1500	19,1500			19,1500					
Certificate	NL0010445706	IBEX 6870TL OPENB	EUR	20,5400	20,5400	20,5400			20,5400					
Certificate	DE000CX0JRX5	IBEX 7000TL OPENC	EUR	15,0500	15,0500	15,0500			15,0500					
Certificate	DE000CX0JS51	IBEX 7000TL OPENC	EUR	15,7000	17,0000	15,7000	349,0000	3	16,0200	21				
Certificate	DE000CNGH3U2	IBEX 7327TL OPENZ	EUR	13,9400	13,9400	13,9400			13,9400					
Certificate	DE000CX004V8	IBEX 7500TL OPENC	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	DE000CX005F8	IBEX 7500TL OPENC	EUR	10,0400	10,0400	10,0400			10,0400					
Certificate	DE000CD626D0	IBEX 7838TL OPENZ	EUR	8,8400	8,8400	8,8400			8,8400					
Certificate	DE000CX590N3	IBEX 8200TL OPENC	EUR	2,5700	2,5700	2,0900	642,5000	1	2,0900	250				
Certificate	DE000CD63YL0	IBEX 8342TL OPENZ	EUR	4,6300	4,6300	3,8000	46,3000	1	3,8000	10				
Certificate	DE000CP063N1	IBEX 8500TL OPENC	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	DE000CP06VN5	IBEX 9500TS OPENC	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	DE000CP07C75	IBEX 9500TS OPENC	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	DE000CJ3N740	IBEX 9604TS OPENZ	EUR	8,9300	8,9300	8,9300			8,9300					
Certificate	DE000CE6BU18	IBEX 10299TS OPENZ	EUR	15,8700	15,8700	15,8700			15,8700					
Certificate	NL0011048897	IBEX 10350TS OPENH	EUR	25,0300	25,0300	25,0300			25,0300					
Certificate	DE000CQ5AMA1	IBEX 10500TS OPENC	EUR	14,7300	14,7300	14,7300			14,7300					
Certificate	DE000CQ5AJU5	IBEX 10500TS OPENC	EUR	12,5000	12,5000	12,5000			12,5000					
Certificate	NL0011048889	IBEX 10720TS OPENH	EUR	29,4400	29,4400	29,0100			29,0100					
Certificate	DE000CE6C2X2	IBEX 10991TS OPENZ	EUR	22,8000	22,8000	22,8000			22,8000					
Certificate	DE000CY16UK4	IBEX 11500TS OPENC	EUR	14,2300	14,2300	14,2300			14,2300					
Certificate	DE000CY50MT1	IBEX 11500TS OPENC	EUR	17,7500	17,7500	17,7500			17,7500					
Certificate	DE000CY51WX0	IBEX 11500TS OPENC	EUR	21,3200	21,3200	21,3200			21,3200					
Certificate	DE000CE6C899	IBEX 11688TS OPENZ	EUR	29,7600	29,7600	29,7600			29,7600					
Certificate	DE000CY51YA4	IBEX 12000TS OPENC	EUR	23,7700	23,7700	23,7700			23,7700					
Certificate	DE000CY50MU9	IBEX 12000TS OPENC	EUR	22,5000	22,5000	22,5000			22,5000					
Certificate	DE000CY16RS3	IBEX 12000TS OPENC	EUR	18,6000	18,6000	18,6000			18,6000					
Certificate	NL0011048871	IBEX 12180TS OPENH	EUR	45,3400	45,3400	44,9100			44,9100					
Certificate	DE000CE6CU58	IBEX 12384TS OPENZ	EUR	36,7200	36,7200	36,7200			36,7200					
Certificate	DE000CY16RT1	IBEX 13000TS OPENC	EUR	27,9100	27,9100	27,9100			27,9100					
Certificate	DE000CY16U30	IBEX 13000TS OPENC	EUR	29,5300	29,5300	29,5300			29,5300					
Certificate	NL0011048863	IBEX 13640TS OPENH	EUR	61,2400	61,2400	60,8100			60,8100					
Certificate	NL0013010135	IBM 149TS OPENB	EUR	3,5150	3,5150	3,5150			3,5150					
Certificate	NL0011052089	IBM 187TS OPENH	EUR	7,0100	7,0400	7,0100			7,0400					
Certificate	NL0009172253	IBM 78.6TL OPENB	EUR	42,6200	42,6200	42,6200			42,6200					
Certificate	NL0011637277	IBM 105.9TL OPENB	EUR	1,9900	1,9900	1,9900			1,9900					



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	NL0011240395	IBM 110.7TL OPENH	EUR	1,5800	1,5900	1,5800			1,5900					
Certificate	NL0011651534	IBM 112.2TL OPENB	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0013014558	IBM 135.3TS OPENB	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	NL0012682975	IBM 164.2TS OPENB	EUR	4,9650	4,9650	4,9650			4,9650					
Certificate	NL0011240346	IBM 171.9TS OPENH	EUR	5,5900	5,6100	5,5900			5,6100					
Certificate	NL0012031686	IBM 181.3TS OPENB	EUR	6,5950	6,5950	6,5950			6,5950					
Certificate	NL0011408976	ICAAG206.1TL OPENH	EUR	13,6000	13,6000	13,6000			13,6000					
Certificate	NL0011408968	ICAAG221.8TL OPENH	EUR	12,2100	12,2100	12,2100			12,2100					
Certificate	NL0011714035	ICAAG338.1TS OPENH	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	DE000CJ3NOG0	ICAG 4.26TL OPENZ	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	DE000CV4Y2Y9	ICAG 4.95TL OPENZ	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000CJ3P166	ICAG 5.67TL OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	DE000CJ3NVA9	ICICI 6.4TL OPENZ	EUR	0,2850	0,2850	0,2850			0,2850					
Certificate	DE000CV8ASZ2	ICICI 7.48TL OPENZ	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	DE000CJ3PSF9	ICICI 8.49TL OPENZ	EUR	0,1050	0,1050	0,1050			0,1050					
Certificate	DE000CN6KYM1	IFSfu14013TL OPENZ	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	DE000CE6C7N2	IFSfu15628TL OPENZ	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000CE6C7P7	IFSfu17136TL OPENZ	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CV894D2	IFSfu22737TS OPENZ	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	DE000CV87ER0	IFSfu24733TS OPENZ	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	DE000CV508E6	IFSfu26730TS OPENZ	EUR	8,2500	8,2500	8,2500			8,2500					
Certificate	NL0013016421	IMCD 50.38L OPENB	EUR	0,6850	0,6850	0,6750			0,6750					
Certificate	NL0012990659	IMCD 70.4TS OPENB	EUR	19,5300	19,6300	19,5300			19,6300					
Certificate	NL0012031348	IMCD 33.34TL OPENB	EUR	25,6000	25,6000	25,5000			25,5000					
Certificate	DE000CN6KVU0	IMCD 34.29TL OPENZ	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	NL0012038764	IMCD 37.45TL OPENB	EUR	21,7800	21,7800	21,6800			21,6800					
Certificate	DE000CD63QL6	IMCD 37.49TL OPENZ	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	NL0012102743	IMCD 39.47TL OPENB	EUR	19,8900	19,8900	19,7900	872,9600	1	19,7900	44				
Certificate	DE000CE6BNC5	IMCD 39.73TL OPENZ	EUR	1,6650	1,6650	1,6650			1,6650					
Certificate	DE000CD64AG8	IMCD 40.64TL OPENZ	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	DE000CE6BPL1	IMCD 42.71TL OPENZ	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	NL0012119820	IMCD 43.52TL OPENB	EUR	16,1300	16,1300	16,0300			16,0300					
Certificate	DE000CE6BLK2	IMCD 44.29TL OPENZ	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	NL0012122030	IMCD 45.54TL OPENB	EUR	14,2400	14,2400	14,1400			14,1400					
Certificate	DE000CE6C6F0	IMCD 45.67TL OPENZ	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	NL0012281810	IMCD 47.54TL OPENB	EUR	12,3700	12,3700	12,2700			12,2700					
Certificate	DE000CV88M28	IMCD 49.64TL OPENZ	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	NL0013019102	IMCD 51.52TL OPENB	EUR	8,6800	8,6800	8,5800			8,5800					
Certificate	NL0012977573	IMCD 52.81BL OPENB	EUR	0,4250	0,4400	0,4150	880,0000	2	0,4150	2000				
Certificate	DE000CV89FA9	IMCD 53.61TL OPENZ	EUR	0,2850	0,2850	0,2850			0,2850					
Certificate	NL0012977581	IMCD 55.34BL OPENB	EUR	0,1750	0,1750	0,1650			0,1650					
Certificate	NL0013019128	IMCD 55.52TL OPENB	EUR	4,9500	4,9500	4,8500			4,8500					
Certificate	NL0013159320	IMCD 57.52TL OPENB	EUR											
Certificate	NL0013160070	IMCD 57.81BL OPENB	EUR											
Certificate	NL0013162597	IMCD 58.51TS OPENB	EUR	6,7900	6,8900	6,7900			6,8900					
Certificate	NL0013163330	IMCD 59.78BS OPENB	EUR	0,3750	0,3850	0,3750			0,3850					
Certificate	NL0013154933	IMCD 61.51TS OPENB	EUR	9,9600	10,0600	9,9600			10,0600					
Certificate	NL0013007982	IMCD 64.51TS OPENB	EUR	13,1800	13,2800	13,1800			13,2800					
Certificate	NL0013007719	IMCD 64.78BS OPENB	EUR	0,8750	0,8850	0,8750			0,8850					
Certificate	DE000CJ3N484	IMCD 65.08TS OPENZ	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	NL0013005614	IMCD 67.49TS OPENB	EUR	16,3900	16,4900	16,3900			16,4900					
Certificate	NL0012979546	IMCD 69.75BS OPENB	EUR	1,3750	1,3850	1,3750			1,3850					
Certificate	DE000CV89FC5	IMCD 73.04TS OPENZ	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	NL0012990477	IMCD 74.71BS OPENB	EUR	1,8750	1,8850	1,8750			1,8850					
Certificate	DE000CV8B0A7	IMCD 83.04TS OPENZ	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	NL0013110448	INBEV LEVOPENZ	EUR	35,8400	36,0000	35,8400			36,0000					
Certificate	NL0012331987	INBEV 32TL OPENH	EUR	3,2600	3,2700	3,2600			3,2700					
Certificate	DE000CQ5BYL1	INBEV 50TL OPENC	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CP06YZ3	INBEV 50TL OPENC	EUR	1,4900	1,5500	1,4900	1862,5000	1	1,5500	1250				
Certificate	DE000CP23MX8	INBEV 55TL OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000VN9HFS4	INBEV 56TL 0319V	EUR											
Certificate	DE000VA8F4R3	INBEV 58TL 0319V	EUR											
Certificate	DE000VA8F1K4	INBEV 60TL 0319V	EUR											
Certificate	DE000VA8F4P7	INBEV 60TL 1218V	EUR											
Certificate	DE000CY52UY0	INBEV 60TL OPENC	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	DE000CQ5ARW4	INBEV 60TL OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000VA8F1N8	INBEV 62TL 0319V	EUR											
Certificate	DE000VA8F1F4	INBEV 62TL 1218V	EUR											
Certificate	DE000VA71UJ1	INBEV 64TL 0319V	EUR											
Certificate	DE000VA8F1G2	INBEV 64TL 1218V	EUR											
Certificate	DE000VN9HFP0	INBEV 64TS 0319V	EUR											
Certificate	DE000CP23433	INBEV 65TL 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	DE000CP231W5	INBEV 65TL OPENC	EUR											
Certificate	DE000VA9C0J0	INBEV 66TL 0319V	EUR											
Certificate	DE000VN9HC20	INBEV 66TS 0319V	EUR											
Certificate	DE000VN9G593	INBEV 68TS 0319V	EUR											
Certificate	DE000VA8F1D9	INBEV 70TS 0319V	EUR											
Certificate	DE000VA8F1T5	INBEV 70TS 1218V	EUR											
Certificate	NL0013110554	INBEV 72B0C0919Z	EUR	62,9200	62,9700	62,9200			62,9700					
Certificate	DE000VA8F1E7	INBEV 72TS 0319V	EUR											
Certificate	DE000VA8F1V1	INBEV 72TS 1218V	EUR											
Certificate	DE000VA8FX90	INBEV 74TS 0319V	EUR											
Certificate	DE000VA8FYD8	INBEV 74TS 1218V	EUR											
Certificate	DE000CP06V29	INBEV 75TS OPENC	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000CP06Z12	INBEV 75TS OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000VA71NV1	INBEV 76TS 0319V	EUR											
Certificate	DE000VA71N02	INBEV 76TS 1218V	EUR											
Certificate	DE000VA7PTQ1	INBEV 78TS 0319V	EUR											
Certificate	DE000VA64XR3	INBEV 78TS 1218V	EUR											
Certificate	NL0012796122	INBEV 80B0N1219Z	EUR	63,9100	64,1300	63,9100			64,1300					
Certificate	DE000VA7PTR9	INBEV 80TS 0319V	EUR											
Certificate	DE000VA6D724	INBEV 80TS 1218V	EUR											
Certificate	DE000CP06Z20	INBEV 80TS OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CP06TK5	INBEV 80TS OPENC	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000VA7PTS7	INBEV 82TS 0319V	EUR											
Certificate	DE000VA6D237	INBEV 82TS 1218V	EUR											
Certificate	DE000VA7PVN4	INBEV 84TS 0319V	EUR											
Certificate	DE000VA6D245	INBEV 84TS 1218V	EUR											
Certificate	NL0012796700	INBEV 86B0C1219Z	EUR	61,8500	62,0800	61,8500			62,0800					
Certificate	DE000VASRQP9	INBEV 86TS 1218V	EUR											
Certificate	DE000VASRME2	INBEV 88TS 1218V	EUR											
Certificate	DE000VA4YTU2	INBEV 90TS 1218V	EUR											
Certificate	DE000CP06206	INBEV 90TS OPENC	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000CQ5BSU4	INBEV 90TS OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CQ5ANR3	INBEV 90TS OPENC	EUR											
Certificate	DE000VA3Z0T8	INBEV 92TS 1218V	EUR											
Certificate	NL0012795231	INBEV 93B0C1218Z	EUR	61,7900	61,9300	61,7900			61,9300					
Certificate	DE000VA3Z0U6	INBEV 94TS 1218V	EUR											
Certificate	DE000VA3Z1L3	INBEV 96TS 1218V	EUR											
Certificate	NL0012539944	INBEV 97TS OPENH	EUR	4,2600	4,2900	4,2600			4,2900					
Certificate	DE000VA3Z3K1	INBEV 98TS 1218V	EUR											
Certificate	DE000CY529L4	INBEV 100TS OPENC	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000CY52B04	INBEV 100TS OPENC	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	NL0012583405	INBEV 100TS OPENH	EUR	4,5800	4,6100	4,5800			4,6100					
Certificate	DE000CY50032	INBEV 110TS OPENC	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000CY50230	INBEV 110TS OPENC	EUR											
Certificate	DE000CX0J969	INBEV 125TS OPENC	EUR											
Certificate	DE000CW42UQ1	INBEV 130TS OPENC	EUR											
Certificate	DE000CJ3QCM7	INBEV 64.TL OPENZ	EUR											
Certificate	NL0012331979	INBEV 25.9TL OPENH	EUR	3,8400	3,8600	3,8400	2316,0000	1	3,8400	600				
Certificate	NL0011993407	INBEV 40.9TL OPENH	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	NL0010127148	INBEV 45.2TL OPENB	EUR	20,3750	21,0450	20,3750			21,0450					
Certificate	NL0010127932	INBEV 49.6TL OPENB	EUR	16,1950	16,8300	15,8450	5840,1600	2	16,8300	366				
Certificate	NL0011995246	INBEV 50.2TL OPENH	EUR	1,5700	1,5800	1,5700			1,5800					
Certificate	NL0011993399	INBEV 56.4TL OPENH	EUR	1,0000	1,0100	1,0000	1010,0000	1	1,0000	1000				
Certificate	NL0010609806	INBEV 60.4TL OPENB	EUR	6,1650	6,8350	5,8000	18005,5000	4	6,8350	2990				
Certificate	NL0012331995	INBEV 62.7TL OPENH	EUR											
Certificate	NL0013012149	INBEV 62.9TL OPENB	EUR											
Certificate	NL0013191307	INBEV 66.2TS OPENH	EUR	0,9300	0,9600	0,9300			0,9600					
Certificate	NL0013161185	INBEV 68.3TS OPENB	EUR	11,5050	11,5050	10,7950			10,7950					
Certificate	NL0013188063	INBEV 70.3TS OPENH	EUR	1,3700	1,4000	1,3700			1,4000					
Certificate	NL0013014152	INBEV 73.3TS OPENB	EUR	16,9550	16,9550	16,2450			16,2450					
Certificate	NL0013079247	INBEV 76.2TS OPENH	EUR	2,0100	2,0400	2,0100			2,0400					
Certificate	DE000VA7PSB5	INBEV 76.6TS OPENV	EUR											
Certificate	NL0012995781	INBEV 78.3TS OPENB	EUR	22,2950	22,2950	21,5850			21,5850					
Certificate	NL0012894083	INBEV 80.3TS OPENH	EUR	2,4500	2,4800	2,4500			2,4800					
Certificate	NL0012894075	INBEV 82.3TS OPENH	EUR	2,6700	2,7000	2,6700			2,7000					
Certificate	NL0012994024	INBEV 83.2TS OPENB	EUR	27,6550	27,6550	26,9450			26,9450					
Certificate	NL0012890719	INBEV 86.2TS OPENH	EUR	3,0900	3,1200	3,0900			3,1200					
Certificate	NL0012595094	INBEV 90.2TS OPENH	EUR	3,5200	3,5500	3,5200			3,5500					
Certificate	NL0012580435	INBEV 92.1TS OPENH	EUR	3,7300	3,7600	3,7300			3,7600					
Certificate	NL0012580427	INBEV 94.1TS OPENH	EUR	3,9400	3,9700	3,9400			3,9700					
Certificate	DE000CE6DKR5	INBEV100.4TS OPENZ	EUR	7,6900	7,6900	7,6700			7,6700					
Certificate	NL0012925994	INBEV102.2TS OPENH	EUR	4,8200	4,8500	4,8200			4,8500					



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	NL0011421862	INBEV105.7TS OPENH	EUR	5,1900	5,2300	5,1900			5,2300					
Certificate	NL0012592687	INBEV105.9TS OPENH	EUR	5,2200	5,2500	5,2200			5,2500					
Certificate	NL0012585129	INBEV105.9TS OPENH	EUR	5,2200	5,2500	5,2200			5,2500					
Certificate	NL0011041876	INBEV108.4TS OPENH	EUR	5,4900	5,5200	5,4900			5,5200					
Certificate	NL0012048383	INBEV114.5TS OPENH	EUR	6,1400	6,1700	6,1400			6,1700					
Certificate	NL0011995162	INBEV119.8TS OPENH	EUR	6,7200	6,7500	6,7200			6,7500					
Certificate	NL0011995154	INBEV125.5TS OPENH	EUR	7,3400	7,3700	7,3400			7,3700					
Certificate	NL0011995147	INBEV131.2TS OPENH	EUR	7,9600	7,9900	7,9600			7,9900					
Certificate	NL0012549034	INBEV138.3TS OPENH	EUR	8,7200	8,7600	8,7200			8,7600					
Certificate	NL0012559611	INBEV138.8TS OPENH	EUR	8,7800	8,8100	8,7800			8,8100					
Certificate	NL0012332027	INBEV139.9TS OPENH	EUR	8,9000	8,9300	8,9000			8,9300					
Certificate	NL0012332035	INBEV145.7TS OPENH	EUR	9,5200	9,5500	9,5200			9,5500					
Certificate	NL0012329445	INBEV154.4TS OPENH	EUR	10,4600	10,4900	10,4600			10,4900					
Certificate	DE000CJ3QTJ7	INBEV39.54TL OPENZ	EUR	4,5400	4,5550	4,5400			4,5550					
Certificate	DE000CJ3NUC7	INBEV45.57TL OPENZ	EUR	3,3300	3,3550	3,3300			3,3550					
Certificate	DE000CJ3QYX8	INBEV51.57TL OPENZ	EUR	2,1400	2,1650	2,1400			2,1650					
Certificate	DE000VN9HEH0	INBEV52.28TL OPENV	EUR											
Certificate	DE000CV8BD37	INBEV54.57TL OPENZ	EUR	1,5300	1,8200	1,5300	10831,0000	8	1,5550	6850				
Certificate	NL0013163934	INBEV54.77BL OPENB	EUR	8,3450	8,9850	8,3450			8,9850					
Certificate	DE000VA8F5R0	INBEV54.77TL OPENV	EUR	0,8100	0,8150	0,8100	16,2000	1	0,8150	20				
Certificate	DE000VA8F5S8	INBEV55.77TL OPENV	EUR											
Certificate	DE000VA8F5T6	INBEV56.77TL OPENV	EUR											
Certificate	DE000CJ3QRW4	INBEV57.03TL OPENZ	EUR	1,0600	1,0850	1,0600			1,0850					
Certificate	NL0013017528	INBEV57.52BL OPENB	EUR	5,5950	6,2350	5,5950			6,2350					
Certificate	DE000VA8F3N4	INBEV57.77TL OPENV	EUR											
Certificate	DE000VA8F3P9	INBEV58.77TL OPENV	EUR											
Certificate	DE000VA8F3Q7	INBEV59.77TL OPENV	EUR											
Certificate	DE000CJ3N8C2	INBEV60.05TL OPENZ	EUR	0,4600	0,4850	0,4600			0,4850					
Certificate	NL0013017536	INBEV60.43BL OPENB	EUR	2,6850	3,3250	2,6850	500,5000	1	3,3250	175				
Certificate	DE000VA71WA6	INBEV61.72TL OPENV	EUR											
Certificate	DE000VA71R08	INBEV62.72TL OPENV	EUR											
Certificate	NL0013004351	INBEV63.48BL OPENB	EUR											
Certificate	DE000VA8F3R5	INBEV63.77TL OPENV	EUR											
Certificate	DE000VN9HEE7	INBEV64.43TS OPENV	EUR											
Certificate	NL0013164874	INBEV64.83BS OPENB	EUR	3,2450	3,2450	2,5350			2,5350					
Certificate	DE000VA9C043	INBEV64.86TL OPENV	EUR											
Certificate	DE000VN9HEF4	INBEV65.43TS OPENV	EUR											
Certificate	DE000VA9C068	INBEV65.86TL OPENV	EUR											
Certificate	DE000VN9HEG2	INBEV66.43TS OPENV	EUR											
Certificate	DE000CJ3QYY6	INBEV67.04TS OPENZ	EUR	1,0400	1,0400	1,0150			1,0150					
Certificate	DE000VN9G9G6	INBEV67.44TS OPENV	EUR											
Certificate	NL0013163157	INBEV68.07BS OPENB	EUR	6,4750	6,4750	5,7650			5,7650					
Certificate	DE000VN9G6T5	INBEV68.44TS OPENV	EUR											
Certificate	DE000VA8F3J2	INBEV70.49TS OPENV	EUR											
Certificate	NL0013017635	INBEV71.47BS OPENB	EUR	9,8750	9,8750	9,1650			9,1650					
Certificate	DE000VA8F3K0	INBEV71.49TS OPENV	EUR											
Certificate	DE000VA8F3L8	INBEV72.49TS OPENV	EUR											
Certificate	DE000CJ3PLZ2	INBEV72.53TS OPENZ	EUR	2,1200	2,1200	1,9700	20050,0000	2	2,0950	10000				
Certificate	DE000VA8F3M6	INBEV73.49TS OPENV	EUR											
Certificate	DE000VA8FSN9	INBEV74.51TS OPENV	EUR											
Certificate	NL0013008899	INBEV75.06BS OPENB	EUR	13,4650	13,4650	12,7550			12,7550					
Certificate	DE000VA71RX8	INBEV75.54TS OPENV	EUR											
Certificate	DE000VA64ZF3	INBEV77.61TS OPENV	EUR											
Certificate	DE000VA64XZ6	INBEV78.61TS OPENV	EUR											
Certificate	NL0012995526	INBEV78.85BS OPENB	EUR	17,2550	17,2550	16,5450			16,5450					
Certificate	DE000VA6D716	INBEV79.76TS OPENV	EUR											
Certificate	DE000CV8BE10	INBEV80.52TS OPENZ	EUR	3,7100	3,7100	3,6950			3,6950					
Certificate	DE000VASRRX1	INBEV81.78TS OPENV	EUR											
Certificate	DE000VASRRY9	INBEV83.78TS OPENV	EUR											
Certificate	DE000VASRQN4	INBEV85.79TS OPENV	EUR											
Certificate	DE000VA1GMD6	INBEV89.02TS OPENV	EUR											
Certificate	DE000CV8BAUE3	INBEV90.49TS OPENZ	EUR	5,7100	5,7100	5,6800			5,6800					
Certificate	NL0000456465	INDIA PI OPENN	EUR	92,8500	96,4500	92,8500			96,4500					
Certificate	NL0000290302	INDIA PI OPENN	EUR	14,6200	15,1600	14,6200			15,1600					
Certificate	DE000CV87MS2	INDIT19.07TL OPENZ	EUR	1,5600	1,5600	1,4650			1,4650					
Certificate	DE000CN6JRC8	INDIT21.07TL OPENZ	EUR	1,1600	1,1600	1,0650			1,0650					
Certificate	DE000CV87ZQ7	INDIT23.06TL OPENZ	EUR	0,7700	0,7700	0,6750			0,6750					
Certificate	DE000CJ3QLS5	INDIT25.55TL OPENZ	EUR	0,2800	0,2800	0,1950			0,1950					
Certificate	NL0011927827	INFIN 12.8TL OPENH	EUR	6,0200	6,0200	5,9800			5,9800					
Certificate	NL0011934336	INFIN 14.1TL OPENH	EUR	4,8000	4,8000	4,7700			4,7700					
Certificate	NL0011975651	INFIN 14.6TL OPENH	EUR	4,3400	4,3400	4,3000			4,3000					
Certificate	DE000CJ3QK23	INFIN 16.7TL OPENZ	EUR	1,4800	1,4800	1,3150	222,0000	1	1,3150	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	NL0013190721	INFIN 18.6TS OPENH	EUR	2,0300	2,1600	2,0300			2,1600					
Certificate	NL0012312979	INFIN 5.91TL OPENH	EUR	12,4600	12,4600	12,4200			12,4200					
Certificate	NL0012312961	INFIN 7.44TL OPENH	EUR	11,0300	11,0300	10,9900			10,9900					
Certificate	NL0012312953	INFIN 8.98TL OPENH	EUR	9,5900	9,5900	9,5500			9,5500					
Certificate	NL0011714183	INFIN10.76TL OPENH	EUR	7,9200	7,9200	7,8900			7,8900					
Certificate	NL0011714167	INFIN11.29TL OPENH	EUR	7,4400	7,4400	7,4000			7,4000					
Certificate	DE000CN6K2G8	INFIN11.63TL OPENZ	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	NL0011896576	INFIN11.76TL OPENH	EUR	6,9900	6,9900	6,9500			6,9500					
Certificate	NL0011896568	INFIN12.02TL OPENH	EUR	6,7500	6,7500	6,7100			6,7100					
Certificate	NL0011896550	INFIN12.28TL OPENH	EUR	6,5100	6,5100	6,4700			6,4700					
Certificate	NL0011926860	INFIN12.54TL OPENH	EUR	6,2700	6,2700	6,2300			6,2300					
Certificate	NL0011927819	INFIN13.06TL OPENH	EUR	5,7800	5,7800	5,7400			5,7400					
Certificate	DE000CJ3PPP4	INFIN13.21TL OPENZ	EUR	4,7550	4,7550	4,7550			4,7550					
Certificate	NL0011928742	INFIN13.32TL OPENH	EUR	5,5400	5,5400	5,5000			5,5000					
Certificate	NL0011929377	INFIN13.57TL OPENH	EUR	5,3000	5,3000	5,2600			5,2600					
Certificate	NL0011934120	INFIN13.84TL OPENH	EUR	5,0400	5,0400	5,0100			5,0100					
Certificate	DE000CD62KN7	INFIN14.71TL OPENZ	EUR	3,8300	3,8300	3,2650	957,5000	1	3,2650	250				
Certificate	NL0011993936	INFIN15.12TL OPENH	EUR	3,8500	3,8500	3,8100			3,8100					
Certificate	NL0012333801	INFIN15.36TL OPENH	EUR	3,6200	3,6200	3,5800			3,5800					
Certificate	NL0011996319	INFIN15.55TL OPENH	EUR											
Certificate	NL0012049316	INFIN15.64TL OPENH	EUR	3,3600	3,3600	3,3200			3,3200					
Certificate	NL0011997523	INFIN16.05TL OPENH	EUR											
Certificate	NL0013185002	INFIN17.01TL OPENH	EUR	2,0800	2,0800	2,0400			2,0400					
Certificate	NL0013189574	INFIN17.99TL OPENH	EUR											
Certificate	NL0013188253	INFIN18.66TL OPENH	EUR											
Certificate	NL0012897953	INFIN20.99TS OPENH	EUR	4,6000	4,7300	4,6000			4,7300					
Certificate	NL0012938310	INFIN22.36TS OPENH	EUR	6,0700	6,2100	6,0700			6,2100					
Certificate	NL0012920904	INFIN23.27TS OPENH	EUR	7,0400	7,1800	7,0400			7,1800					
Certificate	NL0012919765	INFIN24.25TS OPENH	EUR	8,1000	8,2300	8,1000			8,2300					
Certificate	NL0012917173	INFIN24.74TS OPENH	EUR	8,6300	8,7600	8,6300			8,7600					
Certificate	NL0012057533	INFIN25.45TS OPENH	EUR	9,3900	9,5200	9,3900			9,5200					
Certificate	NL0012093819	INFIN25.47TS OPENH	EUR	9,4100	9,5400	9,4100			9,5400					
Certificate	NL0012861298	INFIN26.13TS OPENH	EUR	10,1200	10,2600	10,1200			10,2600					
Certificate	NL0012557763	INFIN26.58TS OPENH	EUR	10,6100	10,7400	10,6100			10,7400					
Certificate	NL0012542195	INFIN26.66TS OPENH	EUR	10,6900	10,8200	10,6900			10,8200					
Certificate	NL0012206825	INFIN27.03TS OPENH	EUR	11,0900	11,2200	11,0900			11,2200					
Certificate	NL0012312920	INFIN28.68TS OPENH	EUR	12,8600	12,9900	12,8600			12,9900					
Certificate	NL0012312912	INFIN30.13TS OPENH	EUR	14,4200	14,5500	14,4200			14,5500					
Certificate	NL0012519037	INFIN31.85TS OPENH	EUR	16,2700	16,4000	16,2700			16,4000					
Certificate	NL0012524995	INFIN31.91TS OPENH	EUR	16,3300	16,4600	16,3300			16,4600					
Certificate	NL0012546469	INFIN33.54TS OPENH	EUR	18,0900	18,2200	18,0900			18,2200					
Certificate	NL0012527964	INFIN34.85TS OPENH	EUR	19,5000	19,6300	19,5000			19,6300					
Certificate	NL0012540595	INFIN34.93TS OPENH	EUR	19,5800	19,7100	19,5800			19,7100					
Certificate	NL0012561021	INFIN36.39TS OPENH	EUR	21,1500	21,2800	21,1500			21,2800					
Certificate	NL0012538110	INFIN37.83TS OPENH	EUR	22,6900	22,8300	22,6900			22,8300					
Certificate	DE000CJ3PSG7	INFOS 6.37TL OPENZ	EUR	0,3050	0,3150	0,3050			0,3150					
Certificate	DE000CV8AT14	INFOS 7.36TL OPENZ	EUR	0,4450	0,4750	0,4450			0,4750					
Certificate	DE000CJ3NKR6	INFOS 8.42TL OPENZ	EUR	0,1350	0,1450	0,1350			0,1450					
Certificate	DE000CE6BQM7	ING LEVOPENZ	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	DE000CE6BQC8	ING SHROPENZ	EUR	45,0300	45,0300	45,0300			45,0300					
Certificate	XS1365096327	ING STN0219B	EUR	108,5000	108,6000	108,5000			108,6000					
Certificate	XS1758704230	ING STN0221B	EUR	58,4000	59,1000	57,9000	2895,0000	1	59,1000	5000				
Certificate	XS1649307003	ING STN0720B	EUR	60,5000	60,5000	60,5000			60,5000					
Certificate	XS1913464753	ING STN1121B	EUR	85,1000	85,9500	85,1000			85,9500					
Certificate	XS1536788042	ING STN1219B	EUR											
Certificate	DE000CP23QF6	ING 8TL OPENC	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000VA8FUZ9	ING 9TL 0319V	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	DE000CX0KWW5	ING 9TL OPENC	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	LU1859832260	ING 10TCIOPENS	EUR											
Certificate	DE000VA7PSY7	ING 10TL 0319V	EUR											
Certificate	DE000VAGEAG8	ING 10TL 1218V	EUR											
Certificate	DE000CV8BEQ9	ING 10TL 1218Z	EUR											
Certificate	DE000CX0IQS9	ING 10TL OPENC	EUR											
Certificate	DE000CX59PR1	ING 10TL OPENC	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CX0KYW1	ING 10TL OPENC	EUR	0,7200	0,8900	0,6700	29700,0000	8	0,8000	40000				
Certificate	DE000CX59PS9	ING 11TL OPENC	EUR											
Certificate	DE000VN9G791	ING 11TS 0319V	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	DE000CP23QH2	ING 11TS OPENC	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	NL0012796981	ING 12BOC1219Z	EUR	10,1400	10,1400	10,1400			10,1400					
Certificate	DE000VA7PSV3	ING 12TS 0319V	EUR	2,1950	2,1950	2,1950			2,1950					
Certificate	DE000VASRRU7	ING 12TS 1218V	EUR	2,1750	2,1750	2,1750			2,1750					
Certificate	DE000CJ3PE30	ING 12TS 1218Z	EUR	2,1800	2,1800	2,1800			2,1800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP060H9	ING 12TS OPENC	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	DE000CP062G7	ING 12TS OPENC	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0012795579	ING 13BOC0619Z	EUR	9,8200	9,8200	9,8200			9,8200					
Certificate	DE000CY16AQ3	ING 13TL OPENC	EUR											
Certificate	DE000VA5ELT0	ING 13TS 1218V	EUR	3,1750	3,1750	3,1750			3,1750					
Certificate	DE000CQ58E62	ING 13TS OPENC	EUR											
Certificate	DE000CP065G0	ING 13TS OPENC	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	DE000VA322P2	ING 14TS 1218V	EUR	4,1750	4,1750	4,1750			4,1750					
Certificate	DE000CQ5A235	ING 14TS OPENC	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000CQ582P4	ING 14TS OPENC	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	DE000CQ5A7Q2	ING 15TS OPENC	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	DE000CY52YE4	ING 16TS OPENC	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	DE000CY52QT8	ING 16TS OPENC	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0012648315	ING 18BOC0619Z	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	DE000CY16F05	ING 18TS OPENC	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000CV505P8	ING 15.TS OPENZ	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	NL00099900224	ING 2.3TL OPENB	EUR	7,8250	7,8250	7,8250			7,8250					
Certificate	NL0010174165	ING 2.6TL OPENB	EUR	7,5950	7,5950	7,5950			7,5950					
Certificate	NL0010175436	ING 2.9TL OPENB	EUR	7,2550	7,2550	7,2550			7,2550					
Certificate	NL0010175758	ING 3.3TL OPENB	EUR	6,9250	6,9250	6,9250			6,9250					
Certificate	NL0010378568	ING 3.7TL OPENB	EUR	6,5550	6,5550	6,5550			6,5550					
Certificate	NL0010380408	ING 4.4TL OPENB	EUR	5,8950	5,8950	5,8950			5,8950					
Certificate	NL0010441309	ING 4.8TL OPENB	EUR	5,4750	5,4750	5,4750			5,4750					
Certificate	NL0010442323	ING 5.3TL OPENB	EUR	5,0250	5,0250	5,0250			5,0250					
Certificate	NL0010445599	ING 5.9TL OPENB	EUR	4,3300	4,5050	4,3300	2165,0000	1	4,5050	500				
Certificate	NL0010515508	ING 6.5TL OPENB	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	NL0010153235	ING 6.6TL OPENA	EUR											
Certificate	NL0010887501	ING 6.6TL OPENB	EUR	3,7150	3,7950	3,7150			3,7950					
Certificate	DE000CJ3QXN1	ING 6.7TL OPENZ	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	DE000CD624I2	ING 8.2TL OPENZ	EUR	1,9000	2,0000	1,9000	1666,5000	4	1,9400	850				
Certificate	DE000CV88EP1	ING 8.5TL 1218Z	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000CX00369	ING 8.5TL OPENC	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	NL0012579205	ING 8.7TL OPENH	EUR	1,7600	1,8200	1,7400	1820,0000	1	1,7400	1000				
Certificate	DE000VA7TDW5	ING 9.5TL 0319V	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000VA8FUV2	ING 9.5TL 1218V	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	DE000CV8APH6	ING 9.5TL 1218Z	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000CP065B1	ING 9.5TL OPENC	EUR	0,3400	0,4500	0,2800	4806,9800	5	0,4000	10972				
Certificate	DE000CX0KYV3	ING 9.5TL OPENC	EUR	1,2600	1,3200	1,2200	14052,5000	6	1,3200	11330				
Certificate	DE000CP065R7	ING 9.5TL OPENC	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000VA87EC6	ING 10.5TL 0319V	EUR											
Certificate	DE000VA87EB8	ING 10.5TL 1218V	EUR											
Certificate	DE000CP232C5	ING 10.5TL OPENC	EUR											
Certificate	DE000CP234T5	ING 10.5TL OPENC	EUR											
Certificate	DE000VN9HCX1	ING 10.5TS 0319V	EUR	0,6400	0,7050	0,6400	80,0000	1	0,7050	125				
Certificate	DE000CP23QG4	ING 10.5TS OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000VA9C0E1	ING 11.5TS 0319V	EUR	1,7000	1,7200	1,6850	68200,0000	2	1,6850	40000				
Certificate	NL0013003247	ING 12.1BOC0919B	EUR	10,0600	10,1900	10,0600			10,1900					
Certificate	NL0012796379	ING 12.1BOC1219Z	EUR	10,0000	10,0000	10,0000			10,0000					
Certificate	NL0012796361	ING 12.2BOC0919Z	EUR	9,9100	9,9100	9,9100			9,9100					
Certificate	LU1816972027	ING 12.3TPIOPENS	EUR	2,4600	2,4600	2,3800			2,3800					
Certificate	DE000VA7PSW1	ING 12.5TS 0319V	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	DE000VA5RDL6	ING 12.5TS 1218V	EUR	2,6750	2,6750	2,6750			2,6750					
Certificate	DE000CP065Z0	ING 12.5TS OPENC	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	DE000CQ58KT3	ING 12.5TS OPENC	EUR											
Certificate	DE000CQ58T73	ING 12.5TS OPENC	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000VA3THR5	ING 12.5TS OPENV	EUR											
Certificate	NL0012796619	ING 12.6BOC1219Z	EUR	9,8900	9,8900	9,8900			9,8900					
Certificate	NL0013148810	ING 13.3BOC1219B	EUR	9,6800	9,8300	9,6800			9,8300					
Certificate	LU1790555038	ING 13.3TPIOPENS	EUR	3,2000	3,2000	3,1100			3,1100					
Certificate	DE000VA3ZYX5	ING 13.5TS 1218V	EUR	3,6750	3,6750	3,6750			3,6750					
Certificate	DE000CV8AVR3	ING 13.5TS 1218Z	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CP06610	ING 13.5TS OPENC	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000CQ582N9	ING 13.5TS OPENC	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	DE000CQ580B8	ING 13.5TS OPENC	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0012976633	ING 13.6BOC0619B	EUR	9,7900	9,7900	9,7900			9,7900					
Certificate	NL0012795587	ING 13.6BOC0919Z	EUR	9,5900	9,5900	9,5900			9,5900					
Certificate	DE000CQ5APM9	ING 14.5TS OPENC	EUR											
Certificate	DE000CQ5AWQ6	ING 14.5TS OPENC	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	NL0013000490	ING 15.2BS OPENB	EUR	5,5250	5,5250	5,4450			5,4450					
Certificate	DE000CV8ABD5	ING 15.5TS 1218Z	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	DE000CY52VM3	ING 15.5TS OPENC	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	DE000CY52B11	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	DE000CY527Q7	ING 15.5TS OPENC	EUR											
Certificate	DE000CY52YF1	ING 15.5TS OPENC	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0012236194	ING 16.58ON1218Z	EUR	9,8600	9,8600	9,8600				9,8600				
Certificate	DE000CY52QV4	ING 16.5TS OPENC	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	NL0012649024	ING 16.68OC1218Z	EUR	9,8600	9,8600	9,8600				9,8600				
Certificate	NL0012264246	ING 16.7TS OPENB	EUR	8,1950	8,1950	8,1050				8,1050				
Certificate	NL0012649032	ING 16.98OC0619Z	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	NL0012494595	ING 17.58OC1218B	EUR	9,8100	9,9000	9,8100			9,9000					
Certificate	DE000CY51AH9	ING 17.5TS OPENC	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0012676266	ING 17.98OC1218B	EUR	9,8200	9,9100	9,8200			9,9100					
Certificate	NL0012579056	ING 17.9TS OPENH	EUR	9,5200	9,5700	9,5200			9,5700					
Certificate	NL0011051529	ING 2.04TL OPENH	EUR	7,9500	7,9500	7,9300			7,9300					
Certificate	NL0011039508	ING 3.34TL OPENH	EUR	6,7400	6,7400	6,7300			6,7300					
Certificate	NL0011040241	ING 4.13TL OPENH	EUR	6,0000	6,0000	5,9800			5,9800					
Certificate	NL0011040233	ING 5.73TL OPENH	EUR	4,5200	4,5200	4,5000			4,5000					
Certificate	NL0011230487	ING 6.03TL OPENH	EUR	4,2300	4,2300	4,2200			4,2200					
Certificate	NL0011051487	ING 6.42TL OPENH	EUR	3,8700	3,8700	3,8600			3,8600					
Certificate	NL0011040225	ING 6.52TL OPENH	EUR	3,7800	3,7800	3,7600			3,7600					
Certificate	NL0011051479	ING 6.82TL OPENH	EUR	3,5000	3,5000	3,4900			3,4900					
Certificate	NL0011039474	ING 6.92TL OPENH	EUR	3,4100	3,4100	3,3900			3,3900					
Certificate	NL0011906516	ING 7.66TL OPENB	EUR	2,7150	2,7950	2,7150			2,7950					
Certificate	NL0011914221	ING 8.17TL OPENB	EUR	2,2350	2,3150	2,2350	1039,5000	1	2,3150	450				
Certificate	LU1840913054	ING 8.66TCIOPENS	EUR	1,2700	1,3500	1,2700			1,3500					
Certificate	NL0011914874	ING 8.69TL OPENB	EUR	1,7550	1,8350	1,7550			1,8350					
Certificate	DE000CJ3P3L2	ING 8.85TL 0319Z	EUR	1,0800	1,1100	1,0800	54,0000	1	1,1100	50				
Certificate	NL0011914635	ING 8.96TL OPENB	EUR	1,5050	1,5850	1,4600	4770,0000	3	1,5850	3150				
Certificate	DE000CD62KB2	ING 9.22TL OPENZ	EUR	0,8900	0,9700	0,8900	276,7000	2	0,9500	310				
Certificate	NL0012020358	ING 9.46TL OPENB	EUR	1,0350	1,1800	1,0000	45092,5000	5	1,1150	38900				
Certificate	DE000CJ3P3M0	ING 9.65TL 0319Z	EUR											
Certificate	LU1840913138	ING 9.74TCIOPENS	EUR											
Certificate	DE000CP06555	ING 9.75TL OPENC	EUR											
Certificate	DE000CP065C9	ING 9.75TL OPENC	EUR											
Certificate	DE000CJ3PKM2	ING 9.92TL OPENZ	EUR											
Certificate	NL0012023980	ING 9.98TL OPENB	EUR											
Certificate	NL0013124506	ING 10.02TL OPENH	EUR											
Certificate	DE000VNG68J2	ING 10.15TL OPENV	EUR											
Certificate	NL0013147283	ING 10.228L OPENB	EUR											
Certificate	DE000CP232B7	ING 10.25TL OPENC	EUR											
Certificate	LU1784828748	ING 10.28TL OPENS	EUR											
Certificate	DE000VA87EF9	ING 10.33TL OPENV	EUR											
Certificate	DE000VN9HF19	ING 10.34TS OPENV	EUR	0,5500	0,5500	0,5050	11000,0000	2	0,5050	20000				
Certificate	DE000CJ3P3N8	ING 10.35TL 0319Z	EUR											
Certificate	DE000CJ3PVQ0	ING 10.41TL OPENZ	EUR											
Certificate	LU1859913938	ING 10.46TCIOPENS	EUR											
Certificate	NL0013148380	ING 10.48TL OPENB	EUR											
Certificate	DE000VA87EG7	ING 10.53TL OPENV	EUR											
Certificate	DE000VN9HDF6	ING 10.54TS OPENV	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	NL0013162605	ING 10.68TS OPENB	EUR	1,7050	1,7900	1,6150	358,0000	1	1,6150	200				
Certificate	DE000VN9G924	ING 10.74TS OPENV	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	DE000CP23NM9	ING 10.75TS OPENC	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0013163348	ING 10.768S OPENB	EUR	1,0850	1,1800	0,9750	4246,2500	4	1,0050	4250				
Certificate	DE000VN9G8H6	ING 10.94TS OPENV	EUR	1,0950	1,0950	1,0950			1,0950					
Certificate	DE000CJ3QXP6	ING 11.01TS OPENZ	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CJ3QU96	ING 11.12TS OPENZ	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000VA9C3A3	ING 11.15TS OPENV	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	NL0013154297	ING 11.18TS OPENB	EUR	2,2350	2,2350	2,1450			2,1450					
Certificate	NL0012796965	ING 11.258OC0619Z	EUR	10,2600	10,2600	10,2600			10,2600					
Certificate	DE000CP232E1	ING 11.25TS OPENC	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	NL0013153992	ING 11.268S OPENB	EUR	1,5850	1,5850	1,5050			1,5050					
Certificate	DE000VA9C2N8	ING 11.35TS OPENV	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000VA9CSR5	ING 11.56TS OPENV	EUR	1,6850	1,6850	1,6850			1,6850					
Certificate	NL0013001951	ING 11.68TS OPENB	EUR	2,7750	2,7750	2,6850			2,6850					
Certificate	NL0012796973	ING 11.758OC0919Z	EUR	10,2100	10,2100	10,2100			10,2100					
Certificate	DE000CP065X5	ING 11.75TS OPENC	EUR											
Certificate	DE000CP06MF0	ING 11.75TS OPENC	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	DE000CP065E5	ING 11.75TS OPENC	EUR											
Certificate	NL0012994883	ING 11.768S OPENB	EUR	2,0850	2,1300	1,9950	629,1300	2	1,9950	301				
Certificate	DE000VA6D4X5	ING 11.81TS OPENV	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	DE000VA6D294	ING 12.01TS OPENV	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	DE000CV8BC12	ING 12.02TS OPENZ	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0012889091	ING 12.07TS OPENH	EUR	3,2100	3,2600	3,2100			3,2600					
Certificate	NL0012989149	ING 12.18TS OPENB	EUR	3,3150	3,3150	3,2250			3,2250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VASRDK8	ING 12.22TS OPENV	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	NL0012988943	ING 12.25BS OPENB	EUR	2,5750	2,5750	2,4950			2,4950					
Certificate	DE000CP060J5	ING 12.25TS OPENC	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CP065Y3	ING 12.25TS OPENC	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	NL0013003304	ING 12.35BOC0719B	EUR	9,8300	9,9600	9,8300			9,9600					
Certificate	DE000VASRMMK9	ING 12.42TS OPENV	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	DE000CV88ED7	ING 12.51TS OPENZ	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	NL0012938328	ING 12.56TS OPENH	EUR	3,7400	3,8000	3,7400			3,8000					
Certificate	NL0012796148	ING 12.65BON0919Z	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	NL0012796155	ING 12.65BON1219Z	EUR	9,7100	9,7100	9,7100			9,7100					
Certificate	NL0012988752	ING 12.68TS OPENB	EUR	3,8550	3,8550	3,7650			3,7650					
Certificate	DE000VASRCP9	ING 12.72TS OPENV	EUR	2,7750	2,7750	2,7750			2,7750					
Certificate	NL0012988539	ING 12.75BS OPENB	EUR	3,0750	3,1400	2,9850	942,0000	1	2,9850	300				
Certificate	DE000CJ3Q8B1	ING 12.75TS 0319Z	EUR	2,9900	2,9900	2,9300	370,3000	5	2,9400	125				
Certificate	DE000CP06602	ING 12.75TS OPENC	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	DE000CP065F2	ING 12.75TS OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CV898L6	ING 13.01TS OPENZ	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000VASRML7	ING 13.02TS OPENV	EUR	3,0750	3,0750	3,0750			3,0750					
Certificate	NL0012789564	ING 13.24BS OPENB	EUR	3,5650	3,5650	3,4750			3,4750					
Certificate	NL0012935449	ING 13.27TS OPENH	EUR	4,5100	4,5600	4,5100			4,5600					
Certificate	DE000VASRMM5	ING 13.42TS OPENV	EUR	3,4750	3,4750	3,4750			3,4750					
Certificate	NL0012789234	ING 13.43TS OPENB	EUR	4,6650	4,6650	4,5750			4,5750					
Certificate	DE000VA15SW5	ING 13.53TS OPENV	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	DE000CV89713	ING 13.56TS OPENZ	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	LU1757001372	ING 13.62TPIOPENS	EUR	3,4400	3,4400	3,3500			3,3500					
Certificate	DE000CQ5AZ27	ING 13.75TS OPENC	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0012586630	ING 13.81TS OPENH	EUR	5,0900	5,1500	5,0900			5,1500					
Certificate	LU1756863715	ING 13.89TPIOPENS	EUR	3,7000	3,7000	3,6100			3,6100					
Certificate	DE000CV881Y5	ING 14.01TS OPENZ	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	DE000VA15K61	ING 14.04TS OPENV	EUR	3,7650	3,7650	3,7650			3,7650					
Certificate	NL0012793046	ING 14.13BOC1218B	EUR	9,8200	9,9100	9,8200			9,9100					
Certificate	LU1784829399	ING 14.14TS OPENS	EUR											
Certificate	NL0012687313	ING 14.21BS OPENB	EUR	4,5350	4,5350	4,4450			4,4450					
Certificate	DE000CJ3P3P3	ING 14.25TS 0319Z	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	NL0012579122	ING 14.47TS OPENH	EUR	5,8100	5,8600	5,8100			5,8600					
Certificate	NL0013000482	ING 14.71BS OPENB	EUR	5,0250	5,0250	4,9450			4,9450					
Certificate	DE000CQ5A5H5	ING 14.75TS OPENC	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	NL0012579114	ING 14.96TS OPENH	EUR	6,3400	6,3900	6,3400			6,3900					
Certificate	DE000VL76NS3	ING 15.03TS OPENV	EUR	4,2550	4,2550	4,2550			4,2550					
Certificate	DE000CQ5A0Z8	ING 15.25TS OPENC	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	LU1784829126	ING 15.42TS OPENS	EUR											
Certificate	NL0012579106	ING 15.45TS OPENH	EUR	6,8700	6,9200	6,8700			6,9200					
Certificate	DE000CV50657	ING 15.49TS OPENZ	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	DE000VL76J26	ING 15.55TS OPENV	EUR	4,7450	4,7450	4,7450			4,7450					
Certificate	DE000CY52VN1	ING 15.75TS OPENC	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000CY527R5	ING 15.75TS OPENC	EUR											
Certificate	DE000CY52BK9	ING 15.75TS OPENC	EUR											
Certificate	NL0011051388	ING 15.94TS OPENH	EUR	7,3900	7,4400	7,3900			7,4400					
Certificate	NL0012579098	ING 15.94TS OPENH	EUR	7,4000	7,4500	7,4000			7,4500					
Certificate	DE000CY52QU6	ING 16.25TS OPENC	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0012579080	ING 16.43TS OPENH	EUR	7,9300	7,9800	7,9300			7,9800					
Certificate	NL0012579072	ING 16.92TS OPENH	EUR	8,4600	8,5100	8,4600			8,5100					
Certificate	NL0012579064	ING 17.41TS OPENH	EUR	8,9900	9,0400	8,9900			9,0400					
Certificate	DE000VL37FH4	ING 17.68TS OPENV	EUR	7,6450	7,6450	7,6450			7,6450					
Certificate	NL0011051370	ING 17.93TS OPENH	EUR	9,5500	9,6000	9,5500			9,6000					
Certificate	NL0012601819	ING 19.87TS OPENH	EUR	11,6400	11,7000	11,6400			11,7000					
Certificate	NL0012580971	ING 20.16TS OPENH	EUR	11,9600	12,0100	11,9600			12,0100					
Certificate	NL0012595151	ING 20.21TS OPENH	EUR	12,0100	12,0600	12,0100			12,0600					
Certificate	NL0012580963	ING 21.63TS OPENH	EUR	13,5500	13,6000	13,5500			13,6000					
Certificate	DE000CG29M52	ING 4.477TL OPENC	EUR											
Certificate	NL0011636469	ING 5.732BL OPENB	EUR	4,2650	4,3450	4,2650			4,3450					
Certificate	NL0013163991	ING 6.343BL OPENB	EUR	3,6550	3,7450	3,6550			3,7450					
Certificate	DE000CJ3PFR1	ING 6.503TL OPENZ	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0013011356	ING 6.844BL OPENB	EUR	3,1550	3,2450	3,1550			3,2450					
Certificate	NL0011904982	ING 7.346BL OPENB	EUR	2,6550	2,8050	2,6550	2780,0000	2	2,7350	1000				
Certificate	DE000CV89P65	ING 7.409TL OPENZ	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000CF3A6C9	ING 7.419TL OPENC	EUR											
Certificate	DE000CF3A6U1	ING 7.675TL OPENC	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	NL0012996078	ING 8.189BL OPENB	EUR	1,8150	1,9650	1,7250	5252,3500	10	1,8950	2785				
Certificate	DE000VM9HDG4	ING 8.345TL OPENV	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000CV883Q7	ING 8.415TL OPENZ	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	NL0012993711	ING 8.693BL OPENB	EUR	1,3050	1,4450	1,2600	7389,0000	2	1,3950	5150				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA8FSC2	ING 8.723TL OPENV	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	DE000CJ3PE1	ING 8.915TL OPENZ	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000VA71VH3	ING 8.923TL OPENV	EUR	1,0100	1,0100	0,9650	202,0000	1	0,9650	200				
Certificate	NL0011914775	ING 9.1978L OPENB	EUR	0,7950	0,8750	0,7950			0,8750					
Certificate	DE000VAGEAP9	ING 9.306TL OPENV	EUR	0,5300	0,6350	0,5250	404,3000	4	0,5850	710				
Certificate	DE000CD62H01	ING 9.417TL OPENZ	EUR	0,5300	0,5700	0,5100	1290,5700	4	0,5100	2419				
Certificate	DE000VAGEAR5	ING 9.506TL OPENV	EUR	0,4900	0,4900	0,4050	49,0000	1	0,4050	100				
Certificate	DE000VAGD4Y3	ING 9.704TL OPENV	EUR	0,1400	0,1400	0,0500	60,7500	2	0,0650	945				
Certificate	NL0012020606	ING 9.7268L OPENB	EUR	0,2750	0,4000	0,1800	15091,5000	15	0,3550	53450				
Certificate	DE000VAGD344	ING 9.903TL OPENV	EUR											
Certificate	DE000CD62JC2	ING 9.916TL OPENZ	EUR											
Certificate	NL0009557792	INTEL 12.7TL OPENB	EUR	31,9600	31,9600	31,9600			31,9600					
Certificate	NL0009626548	INTEL 14.6TL OPENB	EUR	30,4700	30,4700	30,4700			30,4700					
Certificate	NL0010379327	INTEL 18.9TL OPENB	EUR	26,9800	26,9800	26,9800			26,9800					
Certificate	NL0010610119	INTEL 21.5TL OPENB	EUR	24,8900	24,8900	24,8900			24,8900					
Certificate	NL0011902838	INTEL32.418L OPENB	EUR	13,6700	13,6700	13,6700			13,6700					
Certificate	DE000CE6E978	INTER 11.5TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CV8JB1	INTER 16.7TS OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CJ3N625	INTER 8.94TL OPENZ	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CE6E2E0	INTER 9.93TL OPENZ	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0013015365	INTER10.74TL OPENB	EUR	0,9200	0,9400	0,9200			0,9400					
Certificate	DE000CE6BT86	INTER10.99TL OPENZ	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0013009699	INTER11.74TL OPENB	EUR	0,7400	0,7600	0,7400			0,7600					
Certificate	DE000CD64DV1	INTER12.06TL OPENZ	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	NL0012999312	INTER12.75TL OPENB	EUR	0,5500	0,5700	0,5500			0,5700					
Certificate	DE000CE6FQGO	INTER13.11TL OPENZ	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	NL0013154198	INTER13.74TL OPENB	EUR	0,3700	0,3900	0,3700			0,3900					
Certificate	NL0013011877	INTER14.66TS OPENB	EUR	0,3800	0,3800	0,3600			0,3600					
Certificate	NL0012999346	INTER16.65TS OPENB	EUR	0,8200	0,8200	0,8000			0,8000					
Certificate	DE000CD64DW9	INTER18.57TS OPENZ	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0012999353	INTER18.66TS OPENB	EUR	1,2700	1,2700	1,2500			1,2500					
Certificate	NL0012057582	INVEB 333.TL OPENH	EUR	7,1500	7,4100	7,1500			7,4100					
Certificate	NL0012848071	INVEB 417.TS OPENH	EUR	8,4400	8,4400	8,3900			8,3900					
Certificate	NL0011410162	INVEB220.4TL OPENH	EUR	17,0800	17,3700	17,0800			17,3700					
Certificate	NL0011714290	INVEB239.4TL OPENH	EUR	15,3900	15,6800	15,3900			15,6800					
Certificate	NL0011892203	INVEB251.2TL OPENH	EUR	14,3600	14,6400	14,3600			14,6400					
Certificate	NL0011926878	INVEB261.7TL OPENH	EUR	13,4300	13,7100	13,4300			13,7100					
Certificate	NL0011929906	INVEB270.3TL OPENH	EUR	12,6700	12,9500	12,6700			12,9500					
Certificate	NL0011935598	INVEB280.8TL OPENH	EUR	11,7500	12,0300	11,7500			12,0300					
Certificate	NL0012048557	INVEB287.8TL OPENH	EUR	11,1300	11,4100	11,1300			11,4100					
Certificate	NL0012681829	INVEB288.78L OPENB	EUR											
Certificate	NL0011993969	INVEB292.6TL OPENH	EUR	10,7100	10,9900	10,7100			10,9900					
Certificate	NL0012049852	INVEB303.2TL OPENH	EUR	9,7800	10,0400	9,7800			10,0400					
Certificate	NL0012051379	INVEB313.5TL OPENH	EUR	8,8700	9,1400	8,8700			9,1400					
Certificate	NL0012698862	INVEB319.48L OPENB	EUR											
Certificate	NL0012053862	INVEB323.5TL OPENH	EUR	7,9900	8,2500	7,9900			8,2500					
Certificate	NL0012565329	INVEB338.6TL OPENH	EUR	6,6600	6,9200	6,6600			6,9200					
Certificate	NL0012579213	INVEB348.6TL OPENH	EUR	5,7800	6,0300	5,7800			6,0300					
Certificate	NL0012689947	INVEB349.98L OPENB	EUR											
Certificate	NL0012929624	INVEB357.9TL OPENH	EUR	4,9500	5,2100	4,9500			5,2100					
Certificate	NL0012930812	INVEB363.8TL OPENH	EUR	4,4400	4,6900	4,4400			4,6900					
Certificate	NL0012930804	INVEB368.9TL OPENH	EUR	3,9900	4,2400	3,9900			4,2400					
Certificate	NL0013159569	INVEB379.88L OPENB	EUR											
Certificate	NL0013187123	INVEB380.2TL OPENH	EUR											
Certificate	NL0013190739	INVEB395.2TS OPENH	EUR	6,1000	6,1000	6,0400			6,0400					
Certificate	NL0013130560	INVEB407.6TS OPENH	EUR	7,4300	7,4300	7,3800			7,3800					
Certificate	NL0012057566	INVEB418.6TS OPENH	EUR	8,6100	8,6100	8,5600			8,5600					
Certificate	NL0012849400	INVEB419.1TS OPENH	EUR	8,6500	8,6500	8,6100			8,6100					
Certificate	NL0012700066	INVEB420.68S OPENB	EUR											
Certificate	NL0012555016	INVEB429.6TS OPENH	EUR	9,7900	9,7900	9,7400			9,7400					
Certificate	NL0012202964	INVEB435.9TS OPENH	EUR	10,4700	10,4700	10,4300			10,4300					
Certificate	NL0012549513	INVEB457.5TS OPENH	EUR	12,7800	12,7800	12,7500			12,7500					
Certificate	NL0012988067	INVEB460.28S OPENB	EUR											
Certificate	NL0012210660	INVEB460.2TS OPENH	EUR	13,0800	13,0800	13,0600			13,0600					
Certificate	NL0012609689	INVEB481.8TS OPENH	EUR	15,4000	15,4000	15,3800			15,3800					
Certificate	NL0011813787	INXN 29.3TL OPENB	EUR	29,7250	29,7250	29,7250			29,7250					
Certificate	DE000CJ3NX70	ISPMI 1.38TL OPENZ	EUR	0,5950	0,5950	0,5550			0,5550					
Certificate	DE000CJ3N096	ISPMI 1.58TL OPENZ	EUR	0,4050	0,4050	0,3650			0,3650					
Certificate	DE000CJ3QQA2	ISPMI 1.98TL OPENZ	EUR											
Certificate	DE000CE6CB77	ISPMI1.779TL OPENZ	EUR	0,2050	0,2050	0,1650			0,1650					
Certificate	NL0013189590	JDCOM 21TL OPENH	EUR											
Certificate	NL0013132608	JDCOM 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	NL0013188261	JDCOM 20.6TL OPENH	EUR											
Certificate	NL0013191414	JDCOM 20.6TL OPENH	EUR											
Certificate	NL0013188857	JDCOM 21.2TL OPENH	EUR											
Certificate	NL0013191406	JDCOM 21.8TS OPENH	EUR	2,4100	2,4100	1,9100			1,9100					
Certificate	NL0013189582	JDCOM 22.2TS OPENH	EUR	2,7800	2,7800	2,2800			2,2800					
Certificate	NL0013132947	JDCOM 23.2TS OPENH	EUR											
Certificate	NL0013187131	JDCOM 23.2TS OPENH	EUR	3,7100	3,7100	3,2100			3,2100					
Certificate	NL0013132939	JDCOM 23.8TS OPENH	EUR											
Certificate	NL0013131949	JDCOM 24.4TS OPENH	EUR											
Certificate	NL0013130958	JDCOM 24.8TS OPENH	EUR											
Certificate	NL0013131261	JDCOM 25.2TS OPENH	EUR											
Certificate	DE000CJ3QG03	JDCOM13.27TL OPENZ	EUR	0,7150	0,7750	0,7150			0,7750					
Certificate	NL0013155997	JDCOM15.278L OPENB	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000CJ3P8J5	JDCOM15.34TL OPENZ	EUR	0,5450	0,6050	0,5450			0,6050					
Certificate	NL0013155260	JDCOM16.778L OPENB	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000CJ3N1Q7	JDCOM17.34TL OPENZ	EUR	0,3750	0,4350	0,3750			0,4350					
Certificate	NL0013183783	JDCOM18.04TL OPENH	EUR	3,1000	3,6000	3,1000			3,6000					
Certificate	NL0013016439	JDCOM18.288L OPENB	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	NL0013184716	JDCOM18.64TL OPENH	EUR	2,6000	3,1000	2,6000			3,1000					
Certificate	NL0013185184	JDCOM19.02TL OPENH	EUR	2,2800	2,7700	2,2800			2,7700					
Certificate	DE000CJ3NVB7	JDCOM19.32TL OPENZ	EUR	0,2150	0,2750	0,2150			0,2750					
Certificate	NL0013186091	JDCOM19.42TL OPENH	EUR	1,9500	2,4300	1,9500			2,4300					
Certificate	NL0013158041	JDCOM19.788L OPENB	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0013125693	JDCOM19.82TL OPENH	EUR											
Certificate	NL0013186083	JDCOM19.82TL OPENH	EUR	1,6200	2,1000	1,6200			2,1000					
Certificate	NL0013186430	JDCOM20.22TL OPENH	EUR											
Certificate	NL0013125685	JDCOM20.62TL OPENH	EUR											
Certificate	NL0013079197	JDCOM21.08TL OPENH	EUR											
Certificate	NL0013160906	JDCOM21.278L OPENB	EUR											
Certificate	NL0013164957	JDCOM22.048S OPENB	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0013183734	JDCOM22.79TS OPENH	EUR	3,3300	3,3300	2,8400			2,8400					
Certificate	NL0013182793	JDCOM23.99TS OPENH	EUR	4,4500	4,4500	3,9700			3,9700					
Certificate	NL0013152275	JDCOM24.548S OPENB	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	NL0013180953	JDCOM24.58TS OPENH	EUR	5,0000	5,0000	4,5300			4,5300					
Certificate	NL0013182363	JDCOM25.19TS OPENH	EUR	5,5700	5,5700	5,1000			5,1000					
Certificate	NL0012907638	JDCOM25.77TS OPENH	EUR											
Certificate	NL0013181795	JDCOM25.98TS OPENH	EUR	6,3100	6,3100	5,8400			5,8400					
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	6,1100	6,1100	6,1100			6,1100					
Certificate	NL0012907596	JDCOM27.57TS OPENH	EUR											
Certificate	NL0013182355	JDCOM27.98TS OPENH	EUR	8,1800	8,1800	7,7300			7,7300					
Certificate	NL0012995609	JDCOM29.558S OPENB	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	NL0012907588	JDCOM29.97TS OPENH	EUR											
Certificate	DE000CR9PZL9	JOHNS81.62TL OPENZ	EUR	5,6300	5,7400	5,6300			5,7400					
Certificate	DE000CR6XPQ9	JOHNS82.79TL OPENZ	EUR	5,7400	5,8600	5,7400			5,8600					
Certificate	JE00B297KF09	JPIMINTDE 200625	EUR	133,9600	133,9600	133,9600			133,9600					
Certificate	NL0013156516	K S 4.7TL OPENB	EUR	11,4600	11,4600	11,3300			11,3300					
Certificate	NL0013018690	K S 8.7TL OPENB	EUR	7,9100	7,9100	7,7800			7,7800					
Certificate	NL0011647912	K S 12.6TL OPENB	EUR	4,3400	4,3400	4,2100			4,2100					
Certificate	NL0013014103	K S 14.1TL OPENB	EUR	2,9900	2,9900	2,8600			2,8600					
Certificate	NL0013162621	K S 16.8TS OPENB	EUR	3,0600	3,1600	3,0600			3,1600					
Certificate	NL0012990212	K S 20.2TS OPENB	EUR	6,8400	6,9400	6,8400			6,9400					
Certificate	NL0012793525	K S 24.4TS OPENB	EUR	11,4000	11,5000	11,4000			11,5000					
Certificate	DE000CJ3PAE0	K S 10.71TL OPENZ	EUR	5,1200	5,1200	4,8850			4,8850					
Certificate	DE000CJ3PHV9	K S 12.73TL OPENZ	EUR	3,1250	3,1250	2,8850			2,8850					
Certificate	DE000CNGJP34	K S 14.23TL OPENZ	EUR	1,6450	1,6450	1,4050			1,4050					
Certificate	DE000CE6BQV8	KBC LEVOPENZ	EUR	40,5000	40,5000	40,5000			40,5000					
Certificate	DE000CE6BQL9	KBC SHROPENZ	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	NL0010046579	KBC 3TL OPENB	EUR	56,4200	57,2900	56,4200			57,2900					
Certificate	NL0010517561	KBC 27TL OPENB	EUR	34,0400	34,9100	34,0400			34,9100					
Certificate	NL0011935606	KBC 42TL OPENH	EUR	2,2700	2,3600	2,2700			2,3600					
Certificate	NL0011970538	KBC 43TL OPENH	EUR	2,1800	2,2700	2,1800			2,2700					
Certificate	NL0011970520	KBC 44TL OPENH	EUR	2,0900	2,1800	2,0900			2,1800					
Certificate	DE000CX59GG3	KBC 45TL OPENC	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	NL0011978952	KBC 45TL OPENH	EUR	2,0000	2,0900	2,0000			2,0900					
Certificate	DE000CX59A74	KBC 50TL OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000CX59GH1	KBC 50TL OPENC	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CP060N7	KBC 55TL OPENC	EUR	0,6800	0,6800	0,6800			0,6800					



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
Certificate	DE000CX59KSO	KBC 55TL OPENC	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CX59Q27	KBC 55TL OPENC	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	DE000CP062K9	KBC 55TL OPENC	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000CY50305	KBC 60TL OPENC	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CY16WY1	KBC 60TL OPENC	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CP234X7	KBC 60TL OPENC	EUR											
Certificate	DE000CQ5AWS2	KBC 65TL OPENC	EUR											
Certificate	DE000CP234Y5	KBC 65TS OPENC	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CP06WU8	KBC 68TS OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012796163	KBC 70BON1219Z	EUR	60,8400	60,8400	60,8400			60,8400					
Certificate	DE000CQ58FE96	KBC 70TS OPENC	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CQ58FG0	KBC 70TS OPENC	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CQ5AD07	KBC 75TS OPENC	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CQ5AKE7	KBC 75TS OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CQ58V20	KBC 80TS OPENC	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CQ5AD15	KBC 80TS OPENC	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CQ5A7V2	KBC 80TS OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000CY52QZ5	KBC 85TS OPENC	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CY51GZ8	KBC 90TS OPENC	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000CY16WZ8	KBC 90TS OPENC	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000CQ5APQ0	KBC 90TS OPENC	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	NL0010280178	KBC 15.1TL OPENB	EUR	45,1100	45,9800	45,1100			45,9800					
Certificate	NL0010284618	KBC 18.4TL OPENB	EUR	42,0400	42,9100	42,0400			42,9100					
Certificate	NL0011042296	KBC 23.3TL OPENH	EUR	3,8900	3,9800	3,8900			3,9800					
Certificate	NL0011891346	KBC 30.4TL OPENH	EUR	3,2800	3,3600	3,2800			3,3600					
Certificate	NL0010903977	KBC 31.9TL OPENB	EUR	29,5700	30,4100	29,5700			30,4100					
Certificate	NL0010903985	KBC 34.6TL OPENB	EUR	27,0600	27,9000	27,0600			27,9000					
Certificate	NL0011928981	KBC 38.8TL OPENH	EUR	2,5500	2,6300	2,5500			2,6300					
Certificate	NL0011933957	KBC 39.4TL OPENH	EUR	2,5000	2,5800	2,5000			2,5800					
Certificate	NL0011934724	KBC 41.4TL OPENH	EUR	2,3200	2,4000	2,3200			2,4000					
Certificate	DE000CD62ML7	KBC 43.8TL OPENZ	EUR	17,8250	17,8250	17,8250			17,8250					
Certificate	NL0012021166	KBC 44.9TL OPENB	EUR	17,4400	18,2800	17,4400			18,2800					
Certificate	NL0011978945	KBC 46.1TL OPENH	EUR	1,9100	2,0000	1,9100			2,0000					
Certificate	NL0011990361	KBC 47.1TL OPENH	EUR	1,8300	1,9100	1,8300			1,9100					
Certificate	NL0011990924	KBC 48.2TL OPENH	EUR	1,7300	1,8100	1,7300			1,8100					
Certificate	NL0012894661	KBC 49.4TL OPENH	EUR	1,6300	1,7500	1,6300	1050,0000	1	1,7100	600				
Certificate	NL0011996996	KBC 50.3TL OPENH	EUR	1,5500	1,6300	1,5500			1,6300					
Certificate	NL0012196422	KBC 52.2TL OPENH	EUR	1,3800	1,4700	1,3800			1,4700					
Certificate	NL0012115133	KBC 52.7TL OPENB	EUR	10,1900	11,0300	10,1900			11,0300					
Certificate	NL0012365381	KBC 53.4TL OPENH	EUR	1,2800	1,3600	1,2800			1,3600					
Certificate	NL0011994058	KBC 54.2TL OPENH	EUR											
Certificate	NL0012199665	KBC 54.3TL OPENH	EUR	1,2000	1,2800	1,2000			1,2800					
Certificate	NL0012116750	KBC 55.2TL OPENB	EUR	7,8100	8,6500	7,8100			8,6500					
Certificate	NL0012214530	KBC 55.3TL OPENH	EUR	1,1100	1,1900	1,1100			1,1900					
Certificate	NL0011997317	KBC 56.2TL OPENH	EUR											
Certificate	NL0012214522	KBC 56.4TL OPENH	EUR	1,0200	1,1000	1,0200			1,1000					
Certificate	NL0012214514	KBC 57.4TL OPENH	EUR	0,9300	1,0200	0,9300			1,0200					
Certificate	NL0012260095	KBC 57.8TL OPENB	EUR	5,4400	6,2800	5,4400			6,2800					
Certificate	NL0012214506	KBC 58.4TL OPENH	EUR	0,8400	0,9300	0,8400			0,9300					
Certificate	NL0013158256	KBC 60.3TL OPENB	EUR											
Certificate	NL0013185390	KBC 61.4TL OPENH	EUR											
Certificate	NL0013190747	KBC 63.4TS OPENH	EUR	1,5400	1,5400	1,4800			1,4800					
Certificate	NL0013085400	KBC 65.1TS OPENH	EUR	1,7500	1,7500	1,6800			1,6800					
Certificate	NL0013011885	KBC 65.5TS OPENB	EUR	11,6300	11,6300	10,7300			10,7300					
Certificate	NL0012909626	KBC 68.1TS OPENH	EUR	2,1000	2,1000	2,0400			2,0400					
Certificate	DE000CV898M4	KBC 68.9TS OPENZ	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	NL0012793533	KBC 70.5TS OPENB	EUR	17,0600	17,0600	16,1000	8050,0000	1	16,1600	500				
Certificate	NL0012594980	KBC 71.8TS OPENH	EUR	2,5300	2,5300	2,4700			2,4700					
Certificate	NL0012847131	KBC 73.9TS OPENH	EUR	2,7900	2,7900	2,7200			2,7200					
Certificate	NL0012555940	KBC 75.2TS OPENH	EUR	2,9400	2,9400	2,8700			2,8700					
Certificate	NL0012555932	KBC 77.2TS OPENH	EUR	3,1700	3,1700	3,1000			3,1000					
Certificate	NL0011994009	KBC 79.9TS OPENH	EUR	3,4900	3,4900	3,4300			3,4300					
Certificate	NL0012676084	KBC 80.5TS OPENB	EUR	27,8100	27,8100	26,9100			26,9100					
Certificate	NL0012313001	KBC 89.1TS OPENH	EUR	4,5700	4,5700	4,5000			4,5000					
Certificate	NL0012312995	KBC 94.8TS OPENH	EUR	5,2500	5,2500	5,1800			5,1800					
Certificate	NL0012312987	KBC 100.6TS OPENH	EUR	5,9300	5,9300	5,8600			5,8600					
Certificate	NL0012520449	KBC 107.4TS OPENH	EUR	6,7200	6,7200	6,6500			6,6500					
Certificate	NL0012557862	KBC 114.4TS OPENH	EUR	7,5400	7,5400	7,4800			7,4800					
Certificate	DE000CK6UX27	KBC 13.04TL OPENZ	EUR	47,3750	47,3750	47,3750			47,3750					
Certificate	DE000CZ79T69	KBC 27.99TL OPENZ	EUR	31,9750	31,9750	31,9750			31,9750					
Certificate	DE000CZ7DPG0	KBC 36.77TL OPENZ	EUR	23,2050	23,2050	23,2050			23,2050					
Certificate	NL0011909072	KBC 40.63BL OPENB	EUR	19,1900	20,0300	19,1900			20,0300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV89BW2	KBC 42.35TL OPENZ	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0011916838	KBC 43.298L OPENB	EUR	16,5300	17,3700	16,5300			17,3700					
Certificate	DE000CD62ME2	KBC 46.43TL OPENZ	EUR	13,5700	13,5700	13,5700			13,5700					
Certificate	NL0012024095	KBC 48.598L OPENB	EUR	11,2300	12,0700	11,2300			12,0700					
Certificate	DE000CD63AN6	KBC 49.41TL OPENZ	EUR	10,6250	10,6250	10,6250			10,6250					
Certificate	NL0012029680	KBC 51.228L OPENB	EUR	8,6000	9,4400	8,6000			9,4400					
Certificate	DE000CD63Y66	KBC 52.04TL OPENZ	EUR	9,9050	9,9050	9,9050			9,9050					
Certificate	DE000CD63PQ7	KBC 52.38TL OPENZ	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	NL0012037030	KBC 53.868L OPENB	EUR	5,9600	6,8000	5,9600			6,8000					
Certificate	DE000CE6BTQ2	KBC 55.36TL OPENZ	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	NL0012116008	KBC 56.478L OPENB	EUR	3,3500	4,5500	3,3500	568,7500	1	4,1900	125				
Certificate	DE000CE6CGD5	KBC 58.33TL OPENZ	EUR	0,1600	0,2500	0,1600	8080,0000	5	0,1800	37000				
Certificate	NL0013153927	KBC 58.968L OPENB	EUR											
Certificate	NL0013158058	KBC 61.448L OPENB	EUR											
Certificate	NL0013164114	KBC 62.468S OPENB	EUR	3,9800	3,9800	3,0800			3,0800					
Certificate	NL0012793905	KBC 67.448S OPENB	EUR	8,9600	8,9600	8,0600			8,0600					
Certificate	NL0012771174	KBC 72.348S OPENB	EUR	13,8600	13,8600	12,9600			12,9600					
Certificate	DE000CV883R5	KBC 72.89TS OPENZ	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CE6E5Z8	KBC 76.84TS OPENZ	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CV885A6	KBC 80.84TS OPENZ	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	NL0012700090	KBC 82.048S OPENB	EUR	23,5600	23,5600	22,6600			22,6600					
Certificate	DE000CV4ZMK3	KBC 84.83TS OPENZ	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CV4ZL3	KBCA 51.4TS OPENZ	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	DE000CD62Z82	KBCA 23.85TL OPENZ	EUR	1,5550	1,5550	1,5550			1,5550					
Certificate	DE000CD62Z90	KBCA 26.35TL OPENZ	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000CD62ZA2	KBCA 28.85TL OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	NL0013152994	KBCA 33.298L OPENB	EUR	0,5500	0,5800	0,5500			0,5800					
Certificate	DE000CD63Z57	KBCA 33.53TL OPENZ	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	NL0013014798	KBCA 35.298L OPENB	EUR	0,3500	0,3800	0,3500			0,3800					
Certificate	DE000CD64C53	KBCA 36.65TL OPENZ	EUR	0,3350	0,3350	0,3350			0,3350					
Certificate	NL0012996599	KBCA 37.298L OPENB	EUR	0,1500	0,2200	0,1500	2200,0000	1	0,1800	10000				
Certificate	DE000CJ3QCW6	KBCA 39.21TL OPENZ	EUR											
Certificate	NL0013153919	KBCA 39.278L OPENB	EUR											
Certificate	NL0013164965	KBCA 40.068S OPENB	EUR	0,2800	0,2800	0,2500			0,2500					
Certificate	DE000CJ3QB56	KBCA 42.12TS OPENZ	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	NL0013015001	KBCA 43.068S OPENB	EUR	0,5800	0,5800	0,5500			0,5500					
Certificate	NL0012993018	KBCA 46.048S OPENB	EUR	0,8800	0,8800	0,8400			0,8400					
Certificate	DE000CV89R89	KBCA 46.63TS OPENZ	EUR	1,0950	1,0950	1,0950			1,0950					
Certificate	DE000CV4Z5G9	KBCA 57.08TS OPENZ	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	DE000VL51258	KC1 LEVOPENV	EUR											
Certificate	NL0013162639	KER 416TS OPENB	EUR	5,7800	5,7800	4,9400			4,9400					
Certificate	NL0013005945	KER 446TS OPENB	EUR	8,9500	8,9500	8,1100			8,1100					
Certificate	DE000CJ3PLH0	KER 356.TL OPENZ	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0012026207	KER 173.5TL OPENB	EUR	24,8200	25,7000	24,8200			25,7000					
Certificate	NL0012261069	KER 239.5TL OPENB	EUR	18,2000	19,0800	18,2000			19,0800					
Certificate	NL0012261077	KER 249.1TL OPENB	EUR	17,2400	18,1200	17,2400			18,1200					
Certificate	NL0012265763	KER 258.5TL OPENB	EUR	16,3000	17,1800	16,3000			17,1800					
Certificate	NL0012272058	KER 267.6TL OPENB	EUR	15,3800	16,2600	15,3800			16,2600					
Certificate	DE000CJ3N2X1	KER 270.7TL OPENZ	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	NL0012493597	KER 286.2TL OPENB	EUR	13,5200	14,4000	13,5200			14,4000					
Certificate	NL0012500508	KER 314.3TL OPENB	EUR	10,7100	11,5900	10,7100			11,5900					
Certificate	DE000CV4YZ04	KER 316.2TL OPENZ	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	NL0012502991	KER 323.6TL OPENB	EUR	9,7700	10,6600	9,7700			10,6600					
Certificate	NL0012503007	KER 333.1TL OPENB	EUR	8,8200	9,7100	8,8200			9,7100					
Certificate	NL0012779102	KER 351.5TL OPENB	EUR	6,9800	7,8600	6,9800			7,8600					
Certificate	NL0013015902	KER 361.4TL OPENB	EUR	5,5700	6,3900	5,5700			6,3900					
Certificate	NL0013157464	KER 376.4TL OPENB	EUR	4,1900	5,0100	4,1900			5,0100					
Certificate	NL0013004955	KER 465.8TS OPENB	EUR	11,0900	11,0900	10,2500			10,2500					
Certificate	NL0012985493	KER 485.2TS OPENB	EUR	13,1800	13,1800	12,3400			12,3400					
Certificate	DE000CV8AYG0	KGF 1.82TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CJ3QJ00	KGF 2.164TL OPENZ	EUR	0,2000	0,2100	0,2000			0,2100					
Certificate	DE000CJ3NOE5	KIN 30.79TL OPENZ	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	DE000CE6D6E2	KIN 34.74TL OPENZ	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	DE000CE6D4V1	KIN 38.57TL OPENZ	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	NL0013004393	KIN 42.338L OPENB	EUR	0,7950	0,8350	0,7950			0,8350					
Certificate	DE000CE6D3A7	KIN 42.87TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	NL0013018377	KIN 45.348L OPENB	EUR	0,4950	0,5350	0,4950			0,5350					
Certificate	DE000CJ3PWC8	KIN 46.47TL OPENZ	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	NL0013156987	KIN 48.348L OPENB	EUR	0,1950	0,2350	0,1950			0,2350					
Certificate	NL0013155484	KIN 52.448S OPENB	EUR	0,4150	0,4150	0,3450			0,3450					
Certificate	NL0012993034	KIN 57.438S OPENB	EUR	0,9150	0,9150	0,8450			0,8450					
Certificate	NL0012993042	KIN 62.388S OPENB	EUR	1,4050	1,4050	1,3450			1,3450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012031355	KLPIR 25.3TL OPENB	EUR	4,5000	5,1100	4,5000			5,1100					
Certificate	NL0011818661	KLPIR 27.9TL OPENB	EUR											
Certificate	NL0011092424	KLPIR 38.3TS OPENB	EUR	13,4500	13,4500	12,8200			12,8200					
Certificate	DE000CV8B979	KLPIR19.92TL OPENZ	EUR	4,1300	4,2900	4,1300			4,2900					
Certificate	NL0013164007	KLPIR23.05BL OPENB	EUR	0,5450	0,6050	0,5450			0,6050					
Certificate	NL0013010572	KLPIR24.55BL OPENB	EUR	0,3950	0,4550	0,3950	94,5000	1	0,4550	210				
Certificate	DE000CE6E8X7	KLPIR24.94TL OPENZ	EUR	1,6300	1,7900	1,6300			1,7900					
Certificate	NL0012994743	KLPIR26.05BL OPENB	EUR	0,2450	0,3050	0,2450			0,3050					
Certificate	NL0012979686	KLPIR27.56BL OPENB	EUR											
Certificate	NL0013155492	KLPIR30.23BS OPENB	EUR	0,2750	0,2750	0,2050			0,2050					
Certificate	NL0012977839	KLPIR33.23BS OPENB	EUR	0,5750	0,5750	0,5050			0,5050					
Certificate	NL0012977847	KLPIR36.19BS OPENB	EUR	0,8650	0,8650	0,8050			0,8050					
Certificate	DE000CV89VP4	KNIN 102.7TL OPENZ	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000CV508U2	KNIN 123.6TL OPENZ	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CJ3QCA2	KNIN 87.63TL OPENZ	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	NL0013110455	KPN LEVOPENZ	EUR	62,7000	62,7000	62,7000			62,7000					
Certificate	XS1408340252	KPN STN0519B	EUR	88,5500	88,5500	88,5500			88,5500					
Certificate	DE000CP06644	KPN 2TL OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CQ580D4	KPN 2TL OPENC	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CQ582Q2	KPN 2TL OPENC	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CV52A13	KPN 3TL OPENC	EUR											
Certificate	DE000CV52BP8	KPN 3TL OPENC	EUR											
Certificate	DE000CQ580G7	KPN 3TS OPENC	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CQ582T6	KPN 3TS OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CP23QL4	KPN 3TS OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	NL0010154480	KPN 4TL OPENA	EUR											
Certificate	NL0010380127	KPN 0.6TL OPENB	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	NL0010439741	KPN 0.7TL OPENB	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	NL0010446142	KPN 1.1TL OPENB	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	DE000CP06WTO	KPN 1.5TL OPENC	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000CP065H8	KPN 1.7TL OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CP06628	KPN 1.7TL OPENC	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0011044581	KPN 1.7TL OPENH	EUR	1,1100	1,1200	1,1100			1,1200					
Certificate	DE000CZ7D080	KPN 1.7TL OPENZ	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	DE000CP065J4	KPN 1.8TL OPENC	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CP06636	KPN 1.8TL OPENC	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0011044573	KPN 1.8TL OPENH	EUR	1,0100	1,0200	1,0100			1,0200					
Certificate	DE000CP065K2	KPN 1.9TL OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0011044565	KPN 1.9TL OPENH	EUR	0,9100	0,9200	0,9100			0,9200					
Certificate	DE000CP06651	KPN 2.1TL OPENC	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CP065LO	KPN 2.1TL OPENC	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CJ3PE48	KPN 2.2TL 1218Z	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	NL0013003254	KPN 2.5BOC0919B	EUR	2,4100	2,4200	2,4100			2,4200					
Certificate	DE000CP23QK6	KPN 2.5TL OPENC	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000CP238C2	KPN 2.5TL OPENC	EUR	0,1400	0,1400	0,1400			0,1400					
Certificate	DE000CP065Q9	KPN 2.7TS OPENC	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0012648794	KPN 2.8BON0619Z	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	NL0012649073	KPN 2.9BOC0619Z	EUR	2,8250	2,8250	2,8250			2,8250					
Certificate	NL0012649065	KPN 2.9BOC1218Z	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	NL0012236236	KPN 3.1BON1218Z	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0012649081	KPN 3.3BOC0619Z	EUR	3,0250	3,0250	3,0250			3,0250					
Certificate	NL0012648414	KPN 3.3BOC1218Z	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	NL0012648422	KPN 3.4BOC0619Z	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	NL0012236285	KPN 3.4BOC1218Z	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	DE000CP23QM2	KPN 3.5TS OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CP23NR8	KPN 3.5TS OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	NL0010248548	KPN 4.2TS OPENB	EUR	2,0050	2,0050	2,0050			2,0050					
Certificate	NL0009809987	KPN 7.1TS OPENB	EUR	5,1350	5,1350	5,1350			5,1350					
Certificate	NL0010887550	KPN 1.27TL OPENB	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	NL0011044607	KPN 1.32TL OPENH	EUR	1,5000	1,5100	1,5000			1,5100					
Certificate	NL0012993729	KPN 1.44BL OPENB	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	NL0012775076	KPN 1.59BL OPENB	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	NL0010893657	KPN 1.59TL OPENB	EUR	1,1150	1,1150	1,1150	1105,1500	1	1,1150	961				
Certificate	DE000CV882B1	KPN 1.75TL OPENZ	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	DE000CZ7E039	KPN 1.78TL OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0010923660	KPN 1.84TL OPENB	EUR	0,8750	0,9200	0,8750	419,5200	1	0,8750	456				
Certificate	DE000CV8ABK0	KPN 1.85TL 1218Z	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	DE000CJ3P3V1	KPN 1.93TL 0319Z	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	DE000CV881Q1	KPN 1.96TL OPENZ	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	DE000CJ3P3W9	KPN 1.98TL 0319Z	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	NL0011044557	KPN 1.99TL OPENH	EUR	0,8200	0,8300	0,8200			0,8300					
Certificate	LU1817100552	KPN 2.04TCIOPENS	EUR	0,5800	0,5800	0,5800			0,5800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV88CJ8	KPN 2.05TL 1218Z	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	NL0012893267	KPN 2.06TL OPENH	EUR	0,6700	0,6800	0,6700			0,6800					
Certificate	NL0010931887	KPN 2.12TL OPENB	EUR	0,6150	0,6250	0,6150	775,0000	1	0,6150	1250				
Certificate	DE000CJ3P3X7	KPN 2.13TL 0319Z	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	DE000CV88CT7	KPN 2.17TL OPENZ	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	LU1859832427	KPN 2.19TCIOPENS	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000CP234W9	KPN 2.25TL OPENC	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CQ58Z59	KPN 2.25TL OPENC	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CJ3QMP9	KPN 2.33TL 0319Z	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	NL0013158264	KPN 2.37TL OPENB	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	DE000VA90XF3	KPN 2.43TL OPENV	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	DE000CJ3QT65	KPN 2.47TL OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	NL0012864748	KPN 2.72TS OPENH	EUR	0,3600	0,3700	0,3600			0,3700					
Certificate	NL0012976641	KPN 2.75B0C0619B	EUR	2,6300	2,6300	2,6200			2,6200					
Certificate	DE000CP062Y3	KPN 2.75TS OPENC	EUR											
Certificate	NL0011051180	KPN 2.94TS OPENH	EUR	0,6500	0,6600	0,6500			0,6600					
Certificate	NL0012369805	KPN 3.13TS OPENH	EUR	0,8000	0,8100	0,8000			0,8100					
Certificate	NL0012494603	KPN 3.25B0C1218B	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	DE000CP238D0	KPN 3.25TS OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CP239M9	KPN 3.25TS OPENC	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CV89BX0	KPN 1.493TL OPENZ	EUR	1,0950	1,0950	1,0950			1,0950					
Certificate	NL0012684468	KPN 1.741BL OPENB	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	DE000CX59KQ4	KPN 1.862TL OPENC	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	LU1719605922	KPN 1.873TCIOPENS	EUR	0,7800	0,7800	0,7700			0,7700					
Certificate	DE000CR4GYN8	KPN 1.879TL OPENZ	EUR	0,7300	0,7300	0,7150	146,0000	1	0,7150	200				
Certificate	NL0012016182	KPN 1.894BL OPENB	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	DE000VASRRB7	KPN 1.921TL OPENV	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CV50947	KPN 1.973TL OPENZ	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	DE000VASRRC5	KPN 2.021TL OPENV	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	NL0011443270	KPN 2.053BL OPENB	EUR	0,5750	0,5900	0,5750	3068,0000	1	0,5750	5200				
Certificate	DE000CR4H359	KPN 2.075TL OPENZ	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	DE000VASRRD3	KPN 2.121TL OPENV	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CV88C20	KPN 2.178TL OPENZ	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	NL0012998918	KPN 2.205BL OPENB	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	DE000VAGED06	KPN 2.223TL OPENV	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CJ3PV56	KPN 2.277TL OPENZ	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	DE000VA9CTM4	KPN 2.328TL OPENV	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	NL0013158066	KPN 2.355BL OPENB	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	DE000CJ3QLU1	KPN 2.373TL OPENZ	EUR	0,2300	0,2300	0,2250	3450,0000	1	0,2250	15000				
Certificate	DE000CJ3QMJ2	KPN 2.473TL OPENZ	EUR	0,1250	0,1250	0,1250			0,1250					
Certificate	NL0013160088	KPN 2.505BL OPENB	EUR	0,1450	0,1450	0,1450			0,1450					
Certificate	DE000VA900P3	KPN 2.531TL OPENV	EUR	0,0700	0,0700	0,0700			0,0700					
Certificate	DE000CJ3QTL3	KPN 2.571TL OPENZ	EUR											
Certificate	NL0012682991	KPN 2.664TS OPENB	EUR											
Certificate	LU1719345917	KPN 2.685TCIOPENS	EUR											
Certificate	NL0012681936	KPN 2.701BS OPENB	EUR	0,1750	0,1750	0,1750			0,1750					
Certificate	DE000VA71W68	KPN 2.719TS OPENV	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	DE000CV4ZZF5	KPN 2.813TS OPENZ	EUR	0,2350	0,2350	0,2350			0,2350					
Certificate	DE000VA9CTL6	KPN 2.816TS OPENV	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	NL0012693766	KPN 2.905TS OPENB	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	NL0011443346	KPN 2.992BS OPENB	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	LU1612244134	KPN 2.998TCIOPENS	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000VA900N8	KPN 3.011TS OPENV	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000CR9PEN0	KPN 3.061TS OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	NL0013162654	KPN 3.155TS OPENB	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	LU1612320686	KPN 3.186TCIOPENS	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CN6KQ63	KPN 3.407TS OPENZ	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	NL0012269484	KPN 3.543BS OPENB	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	NL0013015910	KVV 11.2TL OPENB	EUR	2,8650	3,4850	2,8650	4756,0000	4	3,3550	1400				
Certificate	NL0013009715	KVV 13.1TL OPENB	EUR											
Certificate	NL0013153828	KVV 15.8TS OPENB	EUR	3,8550	3,8550	3,3550			3,3550					
Certificate	NL0013010184	KVV 17.8TS OPENB	EUR	6,0750	6,0750	5,5750			5,5750					
Certificate	NL0012980031	KVV 19.8TS OPENB	EUR	8,2050	8,2050	7,7050			7,7050					
Certificate	NL0012978753	KVV 21.8TS OPENB	EUR	10,3350	10,3350	9,8350			9,8350					
Certificate	DE000CJ3QT73	KVV 8.61TL OPENZ	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	DE000CJ3N8Y6	KVV 9.61TL OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000CV8AZR4	KVV 10.59TL OPENZ	EUR	0,7900	0,7900	0,7850	1580,0000	4	0,7850	2000				
Certificate	DE000CV89SU0	KVV 11.69TL OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CV89SV8	KVV 12.77TL OPENZ	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	DE000CV89SW6	KVV 13.85TL OPENZ	EUR											
Certificate	DE000CJ3PAH3	LANXE 37.6TL OPENZ	EUR	0,6350	0,6350	0,4700			0,4700					
Certificate	DE000CJ3QVC8	LANXE 30.59TL OPENZ	EUR	1,3350	1,3350	1,1600			1,1600					



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	NL0011927900	LANXE38.84TL OPENH	EUR	0,7400	0,7400	0,5900			0,5900					
Certificate	NL0013190770	LANXE42.96TL OPENH	EUR											
Certificate	NL0013186455	LANXE45.02TL OPENH	EUR											
Certificate	DE000CD62MF9	LANXE45.63TL OPENZ	EUR											
Certificate	NL0013190762	LANXE46.96TS OPENH	EUR	0,6800	0,8500	0,6800			0,8500					
Certificate	NL0011976055	LANXE47.08TL OPENH	EUR											
Certificate	NL0013186117	LANXE50.98TS OPENH	EUR	1,1200	1,2800	1,1200			1,2800					
Certificate	NL0013183791	LANXE53.96TS OPENH	EUR	1,4400	1,6000	1,4400			1,6000					
Certificate	NL0013079353	LANXE63.82TS OPENH	EUR	2,5000	2,6600	2,5000			2,6600					
Certificate	NL0012897979	LANXE67.24TS OPENH	EUR	2,8600	3,0300	2,8600			3,0300					
Certificate	NL0012894281	LANXE70.18TS OPENH	EUR	3,1800	3,3500	3,1800			3,3500					
Certificate	NL0012559843	LANXE72.02TS OPENH	EUR	3,3800	3,5400	3,3800			3,5400					
Certificate	NL0012581045	LANXE72.22TS OPENH	EUR	3,4000	3,5700	3,4000			3,5700					
Certificate	NL0012915631	LANXE77.92TS OPENH	EUR	4,0100	4,1800	4,0100			4,1800					
Certificate	NL0012581557	LANXE78.11TS OPENH	EUR	4,0300	4,2000	4,0300			4,2000					
Certificate	NL0012557920	LANXE79.83TS OPENH	EUR	4,2200	4,3800	4,2200			4,3800					
Certificate	NL0012057616	LANXE82.72TS OPENH	EUR	4,5300	4,6900	4,5300			4,6900					
Certificate	FR0013123726	LDAX1 LEVOPENS	EUR											
Certificate	DE000CJ3P9F1	LEGRD35.54TL OPENZ	EUR	1,5000	1,5000	1,4700			1,4700					
Certificate	DE000CV89NE5	LEGRD41.59TL OPENZ	EUR	0,9000	0,9000	0,8700			0,8700					
Certificate	DE000CJ3QTM1	LEGRD47.08TL OPENZ	EUR	0,3500	0,3500	0,3200			0,3200					
Certificate	DE000CV4YXL1	LEGRD51.55TL OPENZ	EUR											
Certificate	DE000CV8BC46	LHN 26.41TL OPENZ	EUR	1,0500	1,1200	1,0500			1,1200					
Certificate	DE000CV87TW8	LHN 31.44TL OPENZ	EUR	0,5500	0,6200	0,5500			0,6200					
Certificate	DE000CJ3PPR0	LHN 35.43TL OPENZ	EUR	0,1600	0,2300	0,1600			0,2300					
Certificate	DE000CJ3PFH2	LHNS 31.42TL OPENZ	EUR	1,9500	2,0800	1,9500			2,0800					
Certificate	DE000CV8AV69	LHNS 36.39TL OPENZ	EUR	1,0900	1,2200	1,0900			1,2200					
Certificate	DE000CJ3PRP0	LHNS 41.89TL OPENZ	EUR											
Certificate	DE000CP06WV6	LIGHT 14TL OPENC	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CP06Z20	LIGHT 16TL OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CP06WW4	LIGHT 16TL OPENC	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CP069H0	LIGHT 18TL OPENC	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	LU1859904861	LIGHT 19TCIOPENS	EUR	2,6000	2,6000	1,7800			1,7800					
Certificate	DE000CP234Z2	LIGHT 20TL OPENC	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	DE000CQ58Z75	LIGHT 20TL OPENC	EUR	0,0700	0,0700	0,0700			0,0700					
Certificate	DE000CP23NS6	LIGHT 22TS OPENC	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	DE000CP23QN0	LIGHT 22TS OPENC	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000CQ5ASV8	LIGHT 23TL OPENC	EUR											
Certificate	LU1876938371	LIGHT 25TCIOPENS	EUR	4,3000	5,1300	4,3000			5,1300					
Certificate	DE000CP06NX1	LIGHT 25TS OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CP06PL1	LIGHT 25TS OPENC	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CP069J6	LIGHT 26TS OPENC	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CP06941	LIGHT 26TS OPENC	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CQ5BKX5	LIGHT 18.TL OPENC	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0012785539	LIGHT 26.6BS OPENB	EUR	5,6800	6,5000	5,6800			6,5000					
Certificate	DE000CQ582W0	LIGHT 27.9TS OPENC	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CQ582X8	LIGHT 29.9TS OPENC	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CJ3N294	LIGHT13.22TL OPENZ	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CV88KN4	LIGHT16.25TL OPENZ	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CD611L5	LIGHT16.51TL OPENZ	EUR	5,5600	5,5600	4,7450	5491,0000	3	4,7450	1100				
Certificate	NL0012025951	LIGHT16.75TL OPENB	EUR	5,5600	5,5600	4,7000	475,0000	1	4,7000	100				
Certificate	LU1841120865	LIGHT17.37TCIOPENS	EUR	4,0800	4,0800	3,2500			3,2500					
Certificate	DE000CJ3NOA3	LIGHT17.75TL OPENZ	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0013018716	LIGHT17.81TL OPENB	EUR	4,5800	4,5800	3,7200			3,7200					
Certificate	NL0013005101	LIGHT18.18BL OPENB	EUR	3,1600	3,1600	2,3000			2,3000					
Certificate	DE000CD611K7	LIGHT18.61TL OPENZ	EUR	3,1100	3,1100	2,7650	1241,3000	3	2,7650	430				
Certificate	NL0012026231	LIGHT18.81TL OPENB	EUR	3,6500	3,6500	2,7900			2,7900					
Certificate	NL0013018799	LIGHT19.18BL OPENB	EUR	2,1600	2,1600	1,3000	9930,0000	7	1,3000	6200				
Certificate	DE000CJ3PQ10	LIGHT19.25TL OPENZ	EUR	0,3500	0,3500	0,2300	2410,8000	8	0,2300	9110				
Certificate	NL0013019151	LIGHT19.81TL OPENB	EUR	2,7200	2,7200	1,8600			1,8600					
Certificate	LU1859907450	LIGHT20.17TCIOPENS	EUR	1,4700	1,4700	0,6600			0,6600					
Certificate	NL0013018807	LIGHT20.18BL OPENB	EUR	1,1600	1,1700	0,3000	5944,0000	9	0,3000	8600				
Certificate	DE000CJ3PVW8	LIGHT20.73TL OPENZ	EUR											
Certificate	NL0013146012	LIGHT20.81TL OPENB	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	LU1859912708	LIGHT21.09TCIOPENS	EUR											
Certificate	NL0013146533	LIGHT21.18BL OPENB	EUR											
Certificate	NL0013160989	LIGHT22.62BS OPENB	EUR	1,7000	2,5200	1,7000			2,5200					
Certificate	DE000CQ5AV05	LIGHT22.98TL OPENC	EUR											
Certificate	NL0013160773	LIGHT23.29TS OPENB	EUR	4,0600	4,8800	4,0600			4,8800					
Certificate	DE000CJ3QTR0	LIGHT23.67TS OPENZ	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	NL0013002231	LIGHT24.62BS OPENB	EUR	3,7000	4,5200	3,7000			4,5200					
Certificate	NL0013002579	LIGHT25.29TS OPENB	EUR	6,2000	7,0200	6,2000	102,6000	1	7,0200	15				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV88KP9	LIGHT26.66TS OPENZ	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	LU1859913342	LIGHT26.89TPIOPENS	EUR	6,1200	6,9600	6,1200			6,9600					
Certificate	NL0012785547	LIGHT28.568S OPENB	EUR	7,6400	8,4600	7,6400			8,4600					
Certificate	DE000CQ5AWT0	LIGHT28.67TS OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CV89NNH8	LIGHT28.67TS OPENZ	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	DE000CQ580K9	LIGHT29.94TS OPENC	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CV4YYX4	LIGHT31.64TS OPENZ	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	NL0012690796	LIGHT35.13TS OPENB	EUR	16,8100	17,6300	16,8100	459,0000	1	17,6300	27				
Certificate	DE000CJ3NP39	LIND1122.9TL OPENZ	EUR	2,6750	2,6750	2,6750			2,6750					
Certificate	DE000CN6K2H6	LINDE 77.TL OPENZ	EUR	9,7250	9,7250	9,7250			9,7250					
Certificate	DE000CN6GLP9	LINDE 68.4TL OPENZ	EUR	11,0450	11,0450	11,0450			11,0450					
Certificate	DE000CE6DD58	LINDE103.5TL OPENZ	EUR	5,5600	5,6400	5,5600	335,4000	2	5,6400	60				
Certificate	NL0011935630	LINDE125.4TL OPENH	EUR	3,2000	3,5000	3,2000			3,5000					
Certificate	DE000CD62LA2	LINDE86.72TL OPENZ	EUR	8,2250	8,2250	8,2250			8,2250					
Certificate	DE000CV87RQ4	LISP 4117TL OPENZ	EUR	2,2700	2,2700	2,1250			2,1250					
Certificate	DE000CE6CBE4	LISP 4623TL OPENZ	EUR	1,8200	1,8200	1,6750			1,6750					
Certificate	DE000CE6E3M1	LISP 5218TL OPENZ	EUR	1,2900	1,2900	1,1450			1,1450					
Certificate	DE000CV88CV8	LISP 5712TL OPENZ	EUR	0,8500	0,8500	0,7150			0,7150					
Certificate	DE000CV89XL9	LISP 6205TL OPENZ	EUR	0,4200	0,4200	0,2850			0,2850					
Certificate	DE000CJ3NX21	LLOYD0.384TL OPENZ	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000CN6J8W5	LLOYD0.441TL OPENZ	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	DE000CD625P6	LLOYD0.489TL OPENZ	EUR	0,5250	0,5250	0,4100	56,9900	1	0,4100	139				
Certificate	DE000CD63Q25	LLOYD0.539TL OPENZ	EUR											
Certificate	DE000CR9SBA7	LMRTN208.8TL OPENZ	EUR	1,9800	1,9800	1,8500			1,8500					
Certificate	DE000CN6KY97	LMRTN229.5TL OPENZ	EUR	1,5300	1,5300	1,4000			1,4000					
Certificate	DE000CJ3QC31	LOGIT23.08TL OPENZ	EUR	1,8150	2,0000	1,8150			2,0000					
Certificate	DE000CJ3N4Q1	LOGIT27.06TL OPENZ	EUR	1,1350	1,3300	1,1350			1,3300					
Certificate	DE000CJ3NU57	LOGIT31.57TL OPENZ	EUR	0,3750	0,5600	0,3750			0,5600					
Certificate	NL0011418157	LOREA106.3TL OPENH	EUR	10,9200	10,9200	10,8700			10,8700					
Certificate	NL0011418140	LOREA116.9TL OPENH	EUR	9,9400	9,9400	9,8900			9,8900					
Certificate	NL0011418132	LOREA127.4TL OPENH	EUR	8,9600	8,9600	8,9100			8,9100					
Certificate	NL0010913471	LOREA127.5TL OPENB	EUR	8,9350	9,0150	8,9350			9,0150					
Certificate	DE000CR9QDV3	LOREA129.8TL OPENZ	EUR	7,9150	7,9150	7,8150			7,8150					
Certificate	NL0011418124	LOREA137.9TL OPENH	EUR	7,9800	7,9800	7,9400			7,9400					
Certificate	DE000CR6YDJ8	LOREA145.8TL OPENZ	EUR	3,1600	3,1600	3,1050			3,1050					
Certificate	NL0011800321	LOREA148.2TL OPENB	EUR	7,0050	7,0850	7,0050			7,0850					
Certificate	NL0011732300	LOREA155.1TL OPENH	EUR	6,3800	6,3800	6,3300			6,3300					
Certificate	NL0012179030	LOREA168.6TL OPENH	EUR	5,1200	5,1200	5,0800			5,0800					
Certificate	DE000CJ3NP47	LOREA175.7TL OPENZ	EUR	3,3450	3,3450	3,2350			3,2350					
Certificate	NL0012779847	LOREA178.5TL OPENB	EUR	4,1850	4,2650	4,1850			4,2650					
Certificate	NL0012610232	LOREA178.7TL OPENH	EUR	4,1800	4,1800	4,1400			4,1400					
Certificate	NL0013145949	LOREA188.4TL OPENB	EUR	3,2650	3,3450	3,2650			3,3450					
Certificate	NL0013128515	LOREA194.9TL OPENH	EUR	2,6800	2,6800	2,6300			2,6300					
Certificate	NL0013150220	LOREA198.3TL OPENB	EUR	2,3450	2,4250	2,3450			2,4250					
Certificate	NL0011418058	LOREA213.7TS OPENH	EUR											
Certificate	NL0012786099	LOREA219.6TS OPENB	EUR	2,9050	2,9050	2,8350			2,8350					
Certificate	NL0012611693	LOREA223.6TS OPENH	EUR	3,3800	3,5100	3,3800			3,5100					
Certificate	NL0012792527	LOREA234.6TS OPENB	EUR	4,5150	4,5150	4,4450			4,4450					
Certificate	NL0012864862	LOREA243.9TS OPENH	EUR	5,5600	5,7000	5,5600			5,7000					
Certificate	NL0012592844	LOREA261.9TS OPENH	EUR	7,5100	7,6400	7,5100			7,6400					
Certificate	NL0012556179	LOREA264.4TS OPENH	EUR	7,7800	7,9200	7,7800			7,9200					
Certificate	NL0012565451	LOREA266.1TS OPENH	EUR	7,9600	8,1000	7,9600			8,1000					
Certificate	NL0012586747	LOREA266.2TS OPENH	EUR	7,9800	8,1100	7,9800			8,1100					
Certificate	NL0012536759	LOREA291.6TS OPENH	EUR	10,7200	10,8600	10,7200			10,8600					
Certificate	NL0012526602	LOREA293.1TS OPENH	EUR	10,8900	11,0200	10,8900			11,0200					
Certificate	NL0012538458	LOREA293.2TS OPENH	EUR	10,8900	11,0300	10,8900			11,0300					
Certificate	NL0012546501	LOREA293.3TS OPENH	EUR	10,9000	11,0400	10,9000			11,0400					
Certificate	NL0012864854	LOREA322.9TS OPENH	EUR	14,1000	14,2300	14,1000			14,2300					
Certificate	NL0012175426	LUFTH 11.8TL OPENH	EUR	8,0400	8,2400	8,0400			8,2400					
Certificate	DE000CJ3N443	LUFTH 15.8TL OPENZ	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	NL0012307011	LUFTH 16.4TL OPENH	EUR	3,7300	3,9300	3,7300			3,9300					
Certificate	NL0012861439	LUFTH 26.9TS OPENH	EUR	9,8700	9,8700	9,7600			9,7600					
Certificate	NL0011054234	LUFTH 4.61TL OPENH	EUR	14,7600	14,9600	14,7600			14,9600					
Certificate	NL0011054226	LUFTH 6.73TL OPENH	EUR	12,7700	12,9700	12,7700			12,9700					
Certificate	NL0011054218	LUFTH 7.79TL OPENH	EUR	11,7800	11,9800	11,7800			11,9800					
Certificate	NL0011989124	LUFTH 8.52TL OPENH	EUR	11,1000	11,3000	11,1000			11,3000					
Certificate	NL0011992359	LUFTH10.02TL OPENH	EUR	9,7000	9,9000	9,7000			9,9000					
Certificate	NL0012055891	LUFTH10.53TL OPENH	EUR	9,2200	9,4200	9,2200			9,4200					
Certificate	DE000CD63C96	LUFTH10.59TL OPENZ	EUR	4,3250	4,3250	4,3250			4,3250					
Certificate	NL0012196430	LUFTH12.31TL OPENH	EUR	7,5600	7,6600	7,5600			7,6600					
Certificate	NL0012201859	LUFTH13.34TL OPENH	EUR	6,6000	6,8000	6,6000			6,8000					
Certificate	DE000CE6C7Y9	LUFTH14.28TL OPENZ	EUR	2,4850	2,4850	2,4850			2,4850					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012212047	LUFTH14.36TL OPENH	EUR	5,6400	5,8400	5,6400			5,8400					
Certificate	NL0012243315	LUFTH15.39TL OPENH	EUR	4,6800	4,8800	4,6800			4,8800					
Certificate	NL0013005804	LUFTH16.47TL OPENB	EUR	3,7200	3,9100	3,7200			3,9100					
Certificate	NL0012311021	LUFTH16.92TL OPENH	EUR	3,2500	3,4400	3,2500			3,4400					
Certificate	DE000CJ3PVK3	LUFTH17.29TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	NL0013148307	LUFTH17.95TL OPENB	EUR	2,3400	2,5300	2,3400			2,5300					
Certificate	NL0013189616	LUFTH18.76TL OPENH	EUR	1,5300	1,7200	1,5300			1,7200					
Certificate	DE000CJ3QBD8	LUFTH19.27TL OPENZ	EUR											
Certificate	NL0013132962	LUFTH19.33TL OPENH	EUR											
Certificate	NL0013156482	LUFTH19.45TL OPENB	EUR											
Certificate	NL0013189608	LUFTH21.26TS OPENH	EUR	3,8000	3,8000	3,7000			3,7000					
Certificate	NL0012904916	LUFTH22.26TS OPENH	EUR	4,8800	4,8800	4,7800			4,7800					
Certificate	NL0013002520	LUFTH22.78TS OPENB	EUR	5,5400	5,5400	5,3600			5,3600					
Certificate	NL0012934731	LUFTH24.13TS OPENH	EUR	6,8900	6,8900	6,7900			6,7900					
Certificate	NL0012909659	LUFTH24.98TS OPENH	EUR	7,8000	7,8000	7,6900			7,6900					
Certificate	NL0012611107	LUFTH25.37TS OPENH	EUR	8,2200	8,2200	8,1100			8,1100					
Certificate	NL0012610190	LUFTH25.37TS OPENH	EUR	8,2300	8,2300	8,1200			8,1200					
Certificate	NL0012785125	LUFTH25.76TS OPENB	EUR	8,7600	8,7600	8,5800			8,5800					
Certificate	NL0012849434	LUFTH25.93TS OPENH	EUR	8,8200	8,8200	8,7100			8,7100					
Certificate	NL0012596225	LUFTH26.26TS OPENH	EUR	9,1800	9,1800	9,0700			9,0700					
Certificate	NL0012581029	LUFTH27.15TS OPENH	EUR	10,1400	10,1400	10,0300			10,0300					
Certificate	NL0012581011	LUFTH28.13TS OPENH	EUR	11,1900	11,1900	11,0800			11,0800					
Certificate	NL001258282	LUFTH28.53TS OPENH	EUR	11,6200	11,6200	11,5100			11,5100					
Certificate	NL0012685697	LUFTH28.72TS OPENB	EUR	11,9400	11,9400	11,7600			11,7600					
Certificate	NL0012565360	LUFTH29.58TS OPENH	EUR	12,7500	12,7500	12,6400			12,6400					
Certificate	NL0012525927	LUFTH30.19TS OPENH	EUR	13,4000	13,4000	13,3000			13,3000					
Certificate	NL0012542047	LUFTH31.27TS OPENH	EUR	14,5700	14,5700	14,4600			14,4600					
Certificate	NL0012529184	LUFTH32.16TS OPENH	EUR	15,5300	15,5300	15,4200			15,4200					
Certificate	NL0012536643	LUFTH34.15TS OPENH	EUR	17,6600	17,6600	17,5500			17,5500					
Certificate	NL0012543904	LUFTH36.16TS OPENH	EUR	19,8300	19,8300	19,7200			19,7200					
Certificate	DE000CR9RR14	LUFTH7.833TL OPENZ	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000CR9PZJ3	LUFTH8.958TL OPENZ	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	NL0010903365	LUXOT 22TL OPENB	EUR											
Certificate	DE000CJ3QLV9	LUXOT 33.7TL OPENZ	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	DE000CV8A5U5	LUXOT 40.7TL OPENZ	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CV8ASV3	LUXOT 45.7TL OPENZ	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CX59Q50	LVMH 160TL OPENC	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	DE000CX59KT8	LVMH 160TL OPENC	EUR	8,8500	8,8500	8,8500			8,8500					
Certificate	DE000CY0AUK4	LVMH 170TL OPENC	EUR	8,6100	8,6100	8,6100			8,6100					
Certificate	DE000CX59VC1	LVMH 170TL OPENC	EUR	8,5400	8,5400	8,5400			8,5400					
Certificate	DE000CX59UF6	LVMH 170TL OPENC	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	DE000CY0ATL4	LVMH 180TL OPENC	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	DE000CY0AZG1	LVMH 180TL OPENC	EUR	7,6400	7,6400	7,6400			7,6400					
Certificate	NL0012199301	LVMH 185TL OPENH	EUR	7,4500	7,8100	7,4500			7,8100					
Certificate	DE000CY50H00	LVMH 200TL OPENC	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	DE000CY500W2	LVMH 200TL OPENC	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	DE000CY50H18	LVMH 210TL OPENC	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	DE000CY50727	LVMH 210TL OPENC	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	DE000CY51AL1	LVMH 220TL OPENC	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CY524Q4	LVMH 230TL OPENC	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000CQ5AFQ1	LVMH 240TL OPENC	EUR	1,0300	1,0300	1,0300			1,0300					
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	6,4500	6,4500	6,4500			6,4500					
Certificate	DE000CQ5APX6	LVMH 340TS OPENC	EUR	8,1800	8,1800	8,1800			8,1800					
Certificate	NL0012209266	LVMH 195.TL OPENH	EUR	6,5200	6,8800	6,5200			6,8800					
Certificate	NL0012365811	LVMH 207.TL OPENH	EUR	5,4000	5,7600	5,4000			5,7600					
Certificate	NL0012239347	LVMH 209.TL OPENH	EUR	5,2200	5,5700	5,2200			5,5700					
Certificate	NL0012313159	LVMH 341.TS OPENH	EUR	12,2100	12,2100	11,9800			11,9800					
Certificate	NL0012601843	LVMH 393.TS OPENH	EUR	17,8300	17,8300	17,6000			17,6000					
Certificate	NL0009992189	LVMH 75.5TL OPENB	EUR	20,0650	20,0650	20,0650			20,0650					
Certificate	NL0012313175	LVMH 75.8TL OPENH	EUR	17,6100	17,9700	17,6100			17,9700					
Certificate	NL0011415500	LVMH 104.8TL OPENH	EUR	14,9100	15,2700	14,9100			15,2700					
Certificate	NL0010918751	LVMH 117.1TL OPENB	EUR	13,7650	14,2150	13,7650			14,2150					
Certificate	NL0011415484	LVMH 120.6TL OPENH	EUR	13,4400	13,8000	13,4400			13,8000					
Certificate	NL0011931258	LVMH 133.6TL OPENH	EUR	12,2300	12,5900	12,2300			12,5900					
Certificate	NL0011979372	LVMH 146.2TL OPENH	EUR	11,0600	11,4200	11,0600			11,4200					
Certificate	NL0012022503	LVMH 148.1TL OPENB	EUR	10,8850	11,3350	10,8850			11,3350					
Certificate	NL0012212054	LVMH 157.7TL OPENH	EUR	9,9800	10,3400	9,9800			10,3400					
Certificate	NL0012054472	LVMH 171.5TL OPENH	EUR	8,7000	9,0600	8,7000			9,0600					



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	NL0012051767	LVMH 172.1TL OPENH	EUR	8,6500	9,0100	8,6500			9,0100					
Certificate	DE000CD64D52	LVMH 176.7TL OPENZ	EUR	71,5450	73,5750	71,5450			73,5750					
Certificate	DE000CE6CC76	LVMH 198.5TL OPENZ	EUR	2,4900	2,5900	2,4900								
Certificate	NL0012122881	LVMH 199.2TL OPENB	EUR	6,1350	6,5850	6,1350			6,5850					
Certificate	NL0012557912	LVMH 221.6TL OPENH	EUR	4,0400	4,4000	4,0400			4,4000					
Certificate	DE000CE6F1W3	LVMH 224.4TL OPENZ	EUR	1,2100	1,3100	1,2100			1,3100					
Certificate	NL0012500524	LVMH 229.3TL OPENB	EUR	3,3350	3,7850	3,3350			3,7850					
Certificate	NL0012581037	LVMH 230.8TL OPENH	EUR	3,1900	3,5400	3,1900			3,5400					
Certificate	DE000CV888L7	LVMH 244.2TL OPENZ	EUR											
Certificate	NL0013127475	LVMH 280.3TS OPENH	EUR	5,6500	5,6500	5,1400	6031,0000	3	5,4300	1150				
Certificate	NL0012313167	LVMH 321.7TS OPENH	EUR	10,1300	10,1300	9,9000			9,9000					
Certificate	NL0012545669	LVMH 361.5TS OPENH	EUR	14,4200	14,4200	14,1900			14,1900					
Certificate	NL0012526206	LVMH 367.5TS OPENH	EUR	15,0800	15,0800	14,8500			14,8500					
Certificate	NL0012539308	LVMH 368.5TS OPENH	EUR	15,1900	15,1900	14,9600			14,9600					
Certificate	NL0012604722	LVMH 432.5TS OPENH	EUR	22,1000	22,1000	21,8700			21,8700					
Certificate	NL0012606396	LVMH 432.9TS OPENH	EUR	22,1300	22,1300	21,9100			21,9100					
Certificate	NL0012608053	LVMH 434.5TS OPENH	EUR	22,3100	22,3100	22,0800			22,0800					
Certificate	NL0012901144	LVMH 458.9TS OPENH	EUR	24,9500	24,9500	24,7300			24,7300					
Certificate	NL0012864813	LVMH 471.8TS OPENH	EUR	26,3500	26,3500	26,1200			26,1200					
Certificate	DE000CK1CMU0	LVMH 98.16TL OPENZ	EUR	152,7650	154,7850	152,7650			154,7850					
Certificate	DE000CV89MM0	MAERS 5428TL OPENZ	EUR	4,2650	4,5800	4,2650			4,5800					
Certificate	DE000CV89V18	MAERS 5923TL OPENZ	EUR	3,6050	3,9200	3,6050			3,9200					
Certificate	DE000CV87UE4	MAERS 6430TL OPENZ	EUR	2,9250	3,2400	2,9250	5860,0000	1	3,2400	2000				
Certificate	DE000CV89Q98	MAERS 6923TL OPENZ	EUR	2,2750	2,5800	2,2750			2,5800					
Certificate	DE000CV87RP6	MAERS 7430TL OPENZ	EUR	1,6050	1,9100	1,6050			1,9100					
Certificate	DE000CJ3P8Z1	MAERS 8226TL OPENZ	EUR	0,5550	0,8600	0,5550			0,8600					
Certificate	DE000CD63EB3	MASTE 111.TL OPENZ	EUR	7,6900	7,7000	7,6900			7,7000					
Certificate	NL0010248456	MCDON 57.1TL OPENB	EUR	11,4700	11,4700	11,4700			11,4700					
Certificate	NL0011445705	MCDON102.3TL OPENB	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	NL0013016090	MCDON195.2TS OPENB	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	NL0013152010	MCDON205.2TS OPENB	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	DE000CR9RWR9	MDAX 17157TL OPENZ	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	DE000CR9PS49	MDAX 18416TL OPENZ	EUR	3,8850	3,8850	3,8850			3,8850					
Certificate	DE000CN6JST0	MDAX 19673TL OPENZ	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	DE000CD62GE8	MDAX 20898TL OPENZ	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	DE000CD64144	MDAX 22104TL OPENZ	EUR											
Certificate	DE000CJ3QER2	MDAX 24505TS OPENZ	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	DE000CJ3NZY0	MDAX 26497TS OPENZ	EUR	4,3850	4,3850	4,3850			4,3850					
Certificate	DE000CE6CGY1	MDAX 28472TS OPENZ	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	DE000CE6DNE7	MDAX 29955TS OPENZ	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	DE000CE6FAF6	MDAX 31454TS OPENZ	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	DE000CV8AT63	MEDTR 84.4TL OPENZ	EUR	1,2750	1,3150	1,2750			1,3150					
Certificate	DE000CV8AT48	MEDTR63.37TL OPENZ	EUR	3,0550	3,0950	3,0550			3,0950					
Certificate	DE000CV8AT55	MEDTR73.88TL OPENZ	EUR	2,1650	2,2050	2,1650			2,2050					
Certificate	DE000CJ3NR03	MEDTR92.86TL OPENZ	EUR											
Certificate	NL0012370878	MERCK 39TL OPENH	EUR	5,9800	6,0500	5,9800			6,0500					
Certificate	NL0012539316	MERCK 131TS OPENH	EUR	4,4900	4,5500	4,4900			4,5500					
Certificate	NL0011929948	MERCK 140TS OPENH	EUR	5,4600	5,5200	5,4600			5,5200					
Certificate	NL0012370886	MERCK 30.8TL OPENH	EUR	6,7400	6,8100	6,7400			6,8100					
Certificate	NL0012370860	MERCK 47.1TL OPENH	EUR	5,2200	5,2900	5,2200			5,2900					
Certificate	NL0012586671	MERCK 51.1TL OPENH	EUR	4,8400	4,9100	4,8400			4,9100					
Certificate	NL0012565394	MERCK 55.6TL OPENH	EUR	4,4200	4,4900	4,4200			4,4900					
Certificate	NL0011416508	MERCK 63.3TL OPENH	EUR	3,7000	3,7700	3,7000			3,7700					
Certificate	NL0011416490	MERCK 67.5TL OPENH	EUR	3,3100	3,3800	3,3100			3,3800					
Certificate	NL0011729090	MERCK 71.7TL OPENH	EUR	2,9200	2,9900	2,9200			2,9900					
Certificate	NL0012601017	MERCK 75.3TL OPENH	EUR	2,5800	2,6500	2,5800			2,6500					
Certificate	NL0012606701	MERCK 79.4TL OPENH	EUR	2,2000	2,2700	2,2000			2,2700					
Certificate	NL0012929426	MERCK 83.4TL OPENH	EUR	1,8300	1,9000	1,8300			1,9000					
Certificate	NL0013127491	MERCK 87.3TL OPENH	EUR	1,4600	1,5300	1,4600			1,5300					
Certificate	DE000CJ3PVT4	MERCK 88.6TL OPENZ	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	NL0013130602	MERCK 91.4TL OPENH	EUR	1,0800	1,1500	1,0800			1,1500					
Certificate	NL0012370837	MERCK106.3TS OPENH	EUR	1,8400	1,9000	1,8400			1,9000					
Certificate	NL0011729066	MERCK116.4TS OPENH	EUR	2,9200	2,9800	2,9200			2,9800					
Certificate	NL0011054481	MERCK121.5TS OPENH	EUR	3,4700	3,5300	3,4700			3,5300					
Certificate	NL0011737192	MERCK131.8TS OPENH	EUR	4,5800	4,6400	4,5800			4,6400					
Certificate	NL0012556021	MERCK139.2TS OPENH	EUR	5,3800	5,4300	5,3800			5,4300					
Certificate	NL0013186125	MERCK151.1TS OPENH	EUR	6,6500	6,7100	6,6500			6,7100					
Certificate	DE000CN6JH67	MERCK61.45TL OPENZ	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	DE000CR9RR48	MERCK68.73TL OPENZ	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	DE000CV88P25	MERCK78.66TL OPENZ	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	NL0000290534	MEXIC PI OPENN	EUR	11,6700	11,6700	11,6700			11,6700					
Certificate	DE000CN6KKW9	MHG 107.3TL OPENZ	EUR	1,6500	1,6600	1,6500			1,6600					



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	DE000CE6CL26	MHG 122.6TL OPENZ	EUR	1,3300	1,3400	1,3300			1,3400					
Certificate	DE000CV87LY1	MHG 142.7TL OPENZ	EUR	0,9200	0,9300	0,9200			0,9300					
Certificate	DE000CV8AH34	MHG 162.6TL OPENZ	EUR	0,5100	0,5200	0,5100			0,5200					
Certificate	DE000CJ3PA26	MHG 182.6TL OPENZ	EUR	0,1150	0,1200	0,1150			0,1200					
Certificate	DE000CR9PK21	MHG 65.82TL OPENZ	EUR	2,5000	2,5100	2,5000			2,5100					
Certificate	DE000CR9SMH9	MHG 80.72TL OPENZ	EUR	2,1900	2,2000	2,1900			2,2000					
Certificate	NL0013188287	MICHL 100TS OPENH	EUR	22,2100	22,3200	22,2100			22,3200					
Certificate	NL0012891303	MICHL111.8TS OPENH	EUR	34,9200	35,0300	34,9200			35,0300					
Certificate	NL0012600431	MICHL119.9TS OPENH	EUR	43,6600	43,7700	43,6600			43,7700					
Certificate	NL0011729033	MICHL126.9TS OPENH	EUR	51,2300	51,3400	51,2300			51,3400					
Certificate	NL0011732185	MICHL127.1TS OPENH	EUR	51,4900	51,6000	51,4900			51,6000					
Certificate	NL0012862460	MICHL139.6TS OPENH	EUR	64,9800	65,1000	64,9800			65,1000					
Certificate	NL0011973870	MICHL142.3TS OPENH	EUR	67,9300	68,0400	67,9300			68,0400					
Certificate	NL0011979380	MICHL142.4TS OPENH	EUR	67,9700	68,0800	67,9700			68,0800					
Certificate	NL0011996509	MICHL142.6TS OPENH	EUR	68,2300	68,3400	68,2300			68,3400					
Certificate	NL0012900013	MICHL155.6TS OPENH	EUR	82,2600	82,3700	82,2600			82,3700					
Certificate	NL0012536684	MICHL172.1TS OPENH	EUR	100,1300	100,2400	100,1300			100,2400					
Certificate	NL0012539712	MICHL175.7TS OPENH	EUR	103,9800	104,0900	103,9800			104,0900					
Certificate	NL0009862820	MICHL24.35TL OPENB	EUR	6,4050	6,4050	6,4050			6,4050					
Certificate	NL0010438149	MICHL54.53TL OPENB	EUR	36,1050	36,1050	36,1050			36,1050					
Certificate	NL0012900021	MICHL60.67TL OPENH	EUR	29,5200	29,8400	29,5200			29,8400					
Certificate	DE000CV89Q56	MICHL69.77TL OPENZ	EUR	0,6800	0,6800	0,6700			0,6700					
Certificate	NL0011650080	MICHL72.61TL OPENB	EUR	18,6350	19,3750	18,6350			19,3750					
Certificate	NL0011890249	MICHL74.83TL OPENH	EUR	16,3500	16,6600	16,3500			16,6600					
Certificate	DE000CV89BY8	MICHL79.76TL OPENZ	EUR	0,2800	0,2800	0,2700			0,2700					
Certificate	NL0011927918	MICHL82.95TL OPENH	EUR	8,7900	9,1000	8,7900			9,1000					
Certificate	DE000CV52222	MICRO 25TL OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CP06XX0	MICRO 30TL OPENC	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CJ3QAB4	MICRO 33TL 0319Z	EUR	0,1950	0,2650	0,1950			0,2650					
Certificate	DE000CJ3QL63	MICRO 35TL 0319Z	EUR											
Certificate	DE000CP233A7	MICRO 35TL OPENC	EUR											
Certificate	DE000CP06Y05	MICRO 44TS OPENC	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000CP06Y13	MICRO 50TS OPENC	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CP06Y21	MICRO 55TS OPENC	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000CJ3QXZ5	MICRO 26.5TL 0319Z	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	DE000CJ3P929	MICRO 30.5TL 0319Z	EUR	0,4150	0,4850	0,4150			0,4850					
Certificate	DE000CJ3QQ43	MICRO 37.5TL 0319Z	EUR											
Certificate	DE000CJ3PMK2	MICRO25.33TL OPENZ	EUR	0,8350	0,9150	0,8350			0,9150					
Certificate	DE000CV88003	MICRO30.87TL OPENZ	EUR	0,3650	0,4350	0,3650			0,4350					
Certificate	DE000CJ3PKN0	MITRA11.95TL OPENZ	EUR	2,5150	2,5150	2,5150			2,5150					
Certificate	DE000CJ3N1K0	MITRA13.99TL OPENZ	EUR	2,0600	2,1450	2,0600	498,5200	1	2,1450	242				
Certificate	DE000CV88DE8	MITRA15.98TL OPENZ	EUR	1,7000	1,8500	1,7000	1220,0000	2	1,7850	700				
Certificate	NL0013017080	MITRA17.01TL OPENB	EUR	1,4950	1,6150	1,4950			1,6150					
Certificate	DE000CV88DF5	MITRA18.03TL OPENZ	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	NL0013007222	MITRA19.01TL OPENB	EUR	1,1350	1,2550	1,1350			1,2550					
Certificate	DE000CV88DG3	MITRA19.96TL OPENZ	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	NL0013007230	MITRA21.03TL OPENB	EUR	0,7650	0,9300	0,7650	7200,0000	2	0,8850	8000				
Certificate	DE000CJ3QHE3	MITRA21.99TL OPENZ	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	NL0013159346	MITRA23.03TL OPENB	EUR											
Certificate	DE000CJ3QPK3	MITRA23.88TL OPENZ	EUR											
Certificate	NL0013161235	MITRA25.91TS OPENB	EUR	1,1950	1,1950	1,0750			1,0750					
Certificate	NL0013004971	MITRA29.91TS OPENB	EUR	2,0750	2,0750	1,9550			1,9550					
Certificate	NL0012999395	MITRA33.86TS OPENB	EUR	2,9550	2,9550	2,8350			2,8350					
Certificate	DE000CJ3NU99	MKS 2.08TL OPENZ	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CV4YYC8	MKS 2.43TL OPENZ	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CJ3P505	MKS 2.79TL OPENZ	EUR											
Certificate	DE000CV87WA8	MKS 1.909TL OPENZ	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CV509G9	MKS 2.411TL OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0013004781	MLXIS 678S OPENB	EUR	2,1800	2,1800	2,0300	794,2000	1	2,0300	380				
Certificate	NL0013164825	MLXIS 37.98L OPENB	EUR	1,0700	1,2200	1,0700			1,2200					
Certificate	NL0013017585	MLXIS 43.98L OPENB	EUR	0,4700	0,6200	0,4700			0,6200					
Certificate	DE000CR9R9L4	MLXIS34.23TL OPENZ	EUR	0,3700	0,3700	0,3550	3145,0000	2	0,3550	8500				
Certificate	DE000CR9RYW5	MLXIS37.56TL OPENZ	EUR	0,2900	0,2900	0,2650	290,0000	1	0,2650	1000				
Certificate	NL0013163074	MLXIS40.91BL OPENB	EUR	0,7700	0,9400	0,7700	470,0000	1	0,9200	500				
Certificate	DE000CJ3QTN9	MLXIS41.09TL OPENZ	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CN6KAK5	MLXIS44.61TL OPENZ	EUR	0,4400	0,4400	0,3900	550,0000	1	0,3900	1250				
Certificate	NL0013016462	MLXIS46.92BL OPENB	EUR											
Certificate	DE000CN6LJE7	MLXIS48.76TL OPENZ	EUR											
Certificate	NL0013164973	MLXIS49.04BS OPENB	EUR	0,3800	0,3800	0,2300			0,2300					
Certificate	NL0013016470	MLXIS49.91BL OPENB	EUR											
Certificate	DE000CJ3QY92	MLXIS51.69TS OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CJ3QQC8	MLXIS52.74TL 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	NL0013160955	MLXIS55.03BS OPENB	EUR	0,9800	0,9800	0,8300			0,8300					
Certificate	DE000CJ3QFA5	MLXIS57.68TS OPENZ	EUR	1,1200	1,1200	0,9600	3860,0000	5	0,9600	3500				
Certificate	NL0013149537	MLXIS61.03BS OPENB	EUR	1,5800	1,5800	1,4300			1,4300					
Certificate	DE000CJ3PLJ6	MLXIS64.67TS OPENZ	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CJ3NUF0	MLXIS71.64TS OPENZ	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0012993059	MLXIS78.91BS OPENB	EUR	3,3700	3,3700	3,2200			3,2200					
Certificate	DE000CV8B987	MLXIS79.63TS OPENZ	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	DE000CV89T38	MLXIS81.98TS OPENZ	EUR											
Certificate	DE000CE6FC16	MLXIS99.55TS OPENZ	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	DE000CX00R34	MNST 30.92TL OPENC	EUR											
Certificate	DE000CX00R26	MNST 34.35TL OPENC	EUR											
Certificate	DE000CX00R18	MNST 37.79TL OPENC	EUR											
Certificate	DE000CX012Z5	MNST 62.53TS OPENC	EUR											
Certificate	DE000CN6J0D2	MODLZ33.56TL OPENZ	EUR	9,2200	9,4800	9,2200			9,4800					
Certificate	DE000CJ3PR01	MONC 20.22TL OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CJ3N641	MONC 23.78TL OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CJ3NVL6	MONC 27.27TL OPENZ	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	DE000CJ3QSL5	MONTE 36TL OPENZ	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	DE000CJ3QSN1	MONTE 45TL OPENZ	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	DE000CJ3QSQ4	MONTE 54TL OPENZ	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CJ3QSM3	MONTE 40.5TL OPENZ	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000CJ3QSP6	MONTE 49.5TL OPENZ	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	NL0000696565	MOOIV PI OPENN	EUR	18,1400	18,3100	18,1400			18,3100					
Certificate	DE000CJ3PWV8	MORPH 81.8TL OPENZ	EUR	1,8550	1,8550	1,7200			1,7200					
Certificate	DE000CJ3QCS4	MORPH109.6TS OPENZ	EUR	1,0450	1,1800	1,0450			1,1800					
Certificate	DE000CJ3PYC4	MORPH119.5TS OPENZ	EUR	2,0250	2,1600	2,0250			2,1600					
Certificate	DE000CJ3P1X1	MORPH134.5TS OPENZ	EUR	3,5150	3,6500	3,5150			3,6500					
Certificate	DE000CE6CKV2	MORPH57.04TL OPENZ	EUR	4,3050	4,3050	4,1700			4,1700					
Certificate	DE000CE6ENQ9	MORPH64.09TL OPENZ	EUR	3,6050	3,6050	3,4700			3,4700					
Certificate	DE000CE6F1A9	MORPH72.03TL OPENZ	EUR	2,8150	2,8150	2,6800			2,6800					
Certificate	DE000CV87QA0	MORPH74.84TL OPENZ	EUR	2,5350	2,5350	2,4000			2,4000					
Certificate	DE000CJ3PWW6	MORPH88.82TL OPENZ	EUR	1,1650	1,1650	1,0300			1,0300					
Certificate	DE000CJ3QK49	MORPH95.76TL OPENZ	EUR											
Certificate	NL0009173210	MSOFT 14TL OPENB	EUR	84,5000	84,5000	84,5000			84,5000					
Certificate	NL0011043013	MSOFT 35TL OPENH	EUR	66,0300	67,1700	66,0300			67,1700					
Certificate	DE000CP06UP2	MSOFT 115TS OPENC	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CQ5BVX2	MSOFT 115TS OPENC	EUR											
Certificate	DE000CP07B68	MSOFT 115TS OPENC	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CP06164	MSOFT 115TS OPENC	EUR											
Certificate	NL0012786107	MSOFT 117TS OPENB	EUR	15,9450	15,9450	15,9450			15,9450					
Certificate	DE000CQ5BJ42	MSOFT 120TS OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CQ5BEL3	MSOFT 120TS OPENC	EUR	0,8000	0,8600	0,6600	546,0000	3	0,8600	700				
Certificate	DE000CP06PT4	MSOFT 125TS OPENC	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CP06MM6	MSOFT 125TS OPENC	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CP06Z27	MSOFT 130TS OPENC	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	DE000CP06172	MSOFT 130TS OPENC	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	NL0009069301	MSOFT 8.7TL OPENB	EUR	88,8400	88,8400	88,8400			88,8400					
Certificate	NL0010520151	MSOFT 30.1TL OPENB	EUR	71,1600	71,1600	71,1600			71,1600					
Certificate	NL0011052402	MSOFT 34.4TL OPENH	EUR	66,5000	67,6400	66,5000			67,6400					
Certificate	NL0010658969	MSOFT 37.5TL OPENB	EUR	65,0900	65,0900	65,0900			65,0900					
Certificate	NL0011432307	MSOFT 41.4TL OPENB	EUR	61,8000	61,8000	61,8000			61,8000					
Certificate	NL0011447529	MSOFT 42.38L OPENB	EUR	59,0200	59,0200	59,0200			59,0200					
Certificate	NL0011908140	MSOFT 51.2TL OPENB	EUR	53,7700	53,7700	53,7700			53,7700					
Certificate	NL0012025613	MSOFT 56.8TL OPENB	EUR	49,1500	49,1500	49,1500			49,1500					
Certificate	NL0013156607	MSOFT106.3TS OPENB	EUR											
Certificate	NL0013006299	MSOFT115.3BS OPENB	EUR	6,4250	6,4250	6,4250			6,4250					
Certificate	NL0012981492	MSOFT126.9BS OPENB	EUR	16,6750	16,6750	16,6750			16,6750					
Certificate	NL0012983076	MSOFT128.7TS OPENB	EUR	27,1150	27,1150	27,1150			27,1150					
Certificate	NL0013004799	MSOFT139.6BS OPENB	EUR	27,9350	27,9350	27,9350			27,9350					
Certificate	DE000CD62JN9	MSOFT59.29TL OPENZ	EUR	42,6000	43,8400	42,6000			43,8400					
Certificate	DE000CD618Z0	MUENC 114.TL OPENZ	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	DE000CR9P841	MUENC 130.TL OPENZ	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	NL0011225701	MUENC113.9TL OPENH	EUR	7,9500	8,1000	7,9500			8,1000					
Certificate	NL0011225693	MUENC130.9TL OPENH	EUR	6,3600	6,5100	6,3600			6,5100					
Certificate	NL0011927934	MUENC134.5TL OPENH	EUR	6,0300	6,1800	6,0300			6,1800					
Certificate	NL0011935648	MUENC144.7TL OPENH	EUR	5,0700	5,2200	5,0700			5,2200					
Certificate	DE000CD62L80	MUENC147.8TL OPENZ	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	NL0011978960	MUENC149.7TL OPENH	EUR	4,6000	4,7500	4,6000			4,7500					
Certificate	NL0011988969	MUENC155.1TL OPENH	EUR	4,1000	4,2500	4,1000			4,2500					
Certificate	NL0012179022	MUENC160.1TL OPENH	EUR	3,6300	3,7800	3,6300			3,7800					
Certificate	NL0012516181	MUENC165.2TL OPENH	EUR	3,1600	3,3100	3,1600			3,3100					
Certificate	DE000CE6E202	MUENC167.6TL OPENZ	EUR	2,0000	2,0000	2,0000			2,0000					



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	NL0012591838	MUENC175.3TL OPENH	EUR	2,2100	2,3600	2,2100			2,3600					
Certificate	NL0012899470	MUENC180.2TL OPENH	EUR	1,7500	1,9000	1,7500			1,9000					
Certificate	NL0013128481	MUENC184.9TL OPENH	EUR											
Certificate	DE000CE6CDU6	NASDA LEVOPENZ	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	DE000CE6CDW2	NASDA LEVOPENZ	EUR	4,0860	4,0860	4,0860			4,0860					
Certificate	DE000CE6CDV4	NASDA LEVOPENZ	EUR	13,0150	13,0150	13,0150			13,0150					
Certificate	DE000CE6CDY8	NASDA SHROPENZ	EUR	0,0640	0,0640	0,0640			0,0640					
Certificate	NL0013110752	NASDA SHROPENZ	EUR	9,5200	9,5200	9,5200			9,5200					
Certificate	DE000CE6CDX0	NASDA SHROPENZ	EUR	1,4840	1,4840	1,4840			1,4840					
Certificate	NL0011411582	NASDA 2990TL OPENH	EUR	34,8000	34,8000	34,8000			34,8000					
Certificate	NL0011411558	NASDA 3790TL OPENH	EUR	28,2100	28,2100	28,2100			28,2100					
Certificate	NL0011411541	NASDA 3950TL OPENH	EUR	26,9000	26,9000	26,9000			26,9000					
Certificate	NL0011411533	NASDA 4110TL OPENH	EUR	25,5800	25,5800	25,5800			25,5800					
Certificate	DE0005437446	NASDQ PI OPENN	EUR	58,5600	58,5600	58,5600			58,5600					
Certificate	NL0009565852	NASDQ 1780TL OPENB	EUR	44,5200	44,5200	44,5200			44,5200					
Certificate	NL0009667161	NASDQ 2030TL OPENB	EUR	42,4000	42,4000	42,4000			42,4000					
Certificate	NL0010126223	NASDQ 2510TL OPENB	EUR	38,3700	38,3700	38,3700			38,3700					
Certificate	NL0010255592	NASDQ 2630TL OPENB	EUR	37,4200	37,4200	37,4200			37,4200					
Certificate	NL0010380721	NASDQ 2880TL OPENB	EUR	35,3300	35,3300	35,3300			35,3300					
Certificate	NL0010445714	NASDQ 3140TL OPENB	EUR	33,1500	33,1500	33,1500			33,1500					
Certificate	NL0010518056	NASDQ 3280TL OPENB	EUR	31,9000	31,9000	31,9000			31,9000					
Certificate	DE000CZ7DN84	NASDQ 3427TL OPENZ	EUR	29,5750	29,5750	29,5750			29,5750					
Certificate	NL0010523825	NASDQ 3510TL OPENB	EUR	30,0000	30,0000	30,0000			30,0000					
Certificate	DE000CF80D19	NASDQ 3514TL OPENC	EUR	26,6400	26,6400	26,6400			26,6400					
Certificate	NL0010655759	NASDQ 3630TL OPENB	EUR	29,0100	29,0100	29,0100			29,0100					
Certificate	DE000CZ7DY65	NASDQ 3708TL OPENZ	EUR	27,1250	27,1250	27,1250			27,1250					
Certificate	NL0010657540	NASDQ 3750TL OPENB	EUR	27,9800	27,9800	27,9800			27,9800					
Certificate	DE000CR1HPW1	NASDQ 3988TL OPENZ	EUR	24,6950	24,6950	24,6950			24,6950					
Certificate	DE000CX00L30	NASDQ 4000TL OPENC	EUR	22,0600	22,0600	22,0600			22,0600					
Certificate	DE000CR1HML1	NASDQ 4134TL OPENZ	EUR	22,8250	22,8250	22,8250			22,8250					
Certificate	DE000CX0KXG6	NASDQ 4200TL OPENC	EUR	20,3800	20,3800	20,3800			20,3800					
Certificate	DE000CR9RY64	NASDQ 4264TL OPENZ	EUR	22,2850	22,2850	22,2850			22,2850					
Certificate	DE000CN6JT63	NASDQ 4469TL OPENZ	EUR	19,8750	19,8750	19,8750			19,8750					
Certificate	DE000CN6K776	NASDQ 4481TL OPENZ	EUR	20,3950	20,3950	20,3950			20,3950					
Certificate	DE000CY0AL55	NASDQ 4500TL OPENC	EUR	17,7300	17,7300	17,7300			17,7300					
Certificate	DE000CX59NQ8	NASDQ 4500TL OPENC	EUR	17,6900	17,6900	17,6900			17,6900					
Certificate	DE000CX59B24	NASDQ 4500TL OPENC	EUR	18,1500	18,1500	18,1500			18,1500					
Certificate	DE000CX59Zy6	NASDQ 4500TL OPENC	EUR	17,7200	17,7200	17,7200			17,7200					
Certificate	DE000CX59H69	NASDQ 4500TL OPENC	EUR	17,6800	17,6800	17,6800			17,6800					
Certificate	DE000CX0KXH4	NASDQ 4500TL OPENC	EUR	17,5000	17,5000	17,5000			17,5000					
Certificate	NL0012023865	NASDQ 4540TL OPENB	EUR	20,2950	20,2950	20,2950			20,2950					
Certificate	DE000CN6K727	NASDQ 4578TL OPENZ	EUR	18,9150	18,9150	18,9150			18,9150					
Certificate	DE000CX59C07	NASDQ 4600TL OPENC	EUR	17,1900	17,1900	17,1900			17,1900					
Certificate	DE000CX0KZU2	NASDQ 4600TL OPENC	EUR	16,5600	16,5600	16,5600			16,5600					
Certificate	DE000CD61U47	NASDQ 4684TL OPENZ	EUR	17,9600	17,9600	17,9600			17,9600					
Certificate	DE000CD61W45	NASDQ 4695TL OPENZ	EUR	18,5350	18,5350	18,5350			18,5350					
Certificate	DE000CX59LY6	NASDQ 4700TL OPENC	EUR	15,7700	15,7700	15,7700			15,7700					
Certificate	DE000CX59R55	NASDQ 4700TL OPENC	EUR	16,4000	16,4000	16,4000			16,4000					
Certificate	NL0012023881	NASDQ 4750TL OPENB	EUR	18,4450	18,4450	18,4450			18,4450					
Certificate	NL0012028021	NASDQ 4751BL OPENB	EUR	17,4950	17,4950	17,4950			17,4950					
Certificate	DE000CD61V79	NASDQ 4791TL OPENZ	EUR	17,0200	17,0200	17,0200			17,0200					
Certificate	DE000CY0ALR8	NASDQ 4800TL OPENC	EUR	15,5100	15,5100	15,5100			15,5100					
Certificate	DE000CY0AL63	NASDQ 4800TL OPENC	EUR	14,8800	14,8800	14,8800			14,8800					
Certificate	NL0012028385	NASDQ 4860TL OPENB	EUR	17,8500	17,8500	17,5450	1374,4500	1	17,5450	77				
Certificate	DE000CD626N9	NASDQ 4897TL OPENZ	EUR	16,0850	16,0850	16,0850			16,0850					
Certificate	DE000CY0ASV5	NASDQ 4900TL OPENC	EUR	14,0400	14,0400	14,0400			14,0400					
Certificate	DE000CD62A24	NASDQ 4910TL OPENZ	EUR	16,6750	16,6750	16,6750			16,6750					
Certificate	DE000CJ3P703	NASDQ 5000TL 0319Z	EUR	15,3700	15,3700	15,3700			15,3700					
Certificate	DE000CY0AV61	NASDQ 5000TL OPENC	EUR	13,7600	13,7600	13,7600			13,7600					
Certificate	DE000CY0ASW3	NASDQ 5000TL OPENC	EUR	13,0900	13,0900	13,0900			13,0900					
Certificate	DE000CD628P0	NASDQ 5003TL OPENZ	EUR	15,1400	15,1400	15,1400			15,1400					
Certificate	DE000CY0AZY4	NASDQ 5100TL OPENC	EUR	12,8000	12,8000	12,8000			12,8000					
Certificate	DE000CD62DX1	NASDQ 5110TL OPENZ	EUR	14,2100	14,2100	14,2100			14,2100					
Certificate	DE000CD641T5	NASDQ 5120TL OPENZ	EUR	14,8350	14,8350	14,8350			14,8350					
Certificate	DE000CJ3N6B8	NASDQ 5150TL 1218Z	EUR	13,9200	13,9200	13,9200			13,9200					
Certificate	DE000CY16CU1	NASDQ 5200TL OPENC	EUR	11,9100	11,9100	11,9100			11,9100					
Certificate	DE000CY16BL2	NASDQ 5200TL OPENC	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	DE000CD63ZX2	NASDQ 5214TL OPENZ	EUR	13,2850	13,2850	13,2850			13,2850					
Certificate	NL0012107114	NASDQ 5242BL OPENB	EUR	13,1550	13,1550	13,1550			13,1550					
Certificate	NL0012107924	NASDQ 5296BL OPENB	EUR	12,6750	12,6750	12,6750			12,6750					
Certificate	DE000CY16H78	NASDQ 5300TL OPENC	EUR	11,0000	11,0000	11,0000			11,0000					
Certificate	NL0013184377	NASDQ 5312TRLOPENH	EUR	12,3800	12,3800	12,3800			12,3800					



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	DE000CD64CC3	NASDQ 5318TL OPENZ	EUR	12,3650	12,3650	12,3650			12,3650					
Certificate	DE000CD64E10	NASDQ 5331TL OPENZ	EUR	13,0150	13,0150	13,0150			13,0150					
Certificate	NL0013184369	NASDQ 5362TRLOPENH	EUR	11,9300	11,9300	11,9300			11,9300					
Certificate	DE000CY16TW1	NASDQ 5400TL OPENC	EUR	10,1800	10,1800	10,1800			10,1800					
Certificate	DE000CY16UH0	NASDQ 5400TL OPENC	EUR	9,4800	9,4800	9,4800			9,4800					
Certificate	NL0013183304	NASDQ 5413TRLOPENH	EUR	11,4800	11,4800	11,4800			11,4800					
Certificate	DE000CD64F50	NASDQ 5422TL OPENZ	EUR	11,4500	11,4500	11,4500			11,4500					
Certificate	NL0012112486	NASDQ 54578L OPENB	EUR	11,2450	11,2450	11,2450			11,2450					
Certificate	NL0013184542	NASDQ 5457TL OPENH	EUR	12,0100	12,0100	12,0100			12,0100					
Certificate	NL0013082332	NASDQ 5482TRLOPENH	EUR	10,8800	10,8800	10,8800			10,8800					
Certificate	DE000CY16XY9	NASDQ 5500TL OPENC	EUR	8,5300	8,5300	8,5300			8,5300					
Certificate	DE000CY50446	NASDQ 5500TL OPENC	EUR	9,3100	9,3100	9,3100			9,3100					
Certificate	NL0012114540	NASDQ 55118L OPENB	EUR	10,7750	10,7750	10,7750			10,7750					
Certificate	DE000CE68HP9	NASDQ 5525TL OPENZ	EUR	10,5450	10,5450	10,5450			10,5450					
Certificate	DE000CE68N66	NASDQ 5541TL OPENZ	EUR	11,1750	11,1750	11,1750			11,1750					
Certificate	NL0013125271	NASDQ 5574TRLOPENH	EUR	10,0500	10,0500	10,0500			10,0500					
Certificate	DE000CJ3P711	NASDQ 5600TL 0319Z	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	NL0012260889	NASDQ 5600TL OPENB	EUR	11,2050	11,2050	11,2050			11,2050					
Certificate	DE000CY50KQ1	NASDQ 5600TL OPENC	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	DE000CY50K88	NASDQ 5600TL OPENC	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	NL0013081532	NASDQ 5623TL OPENH	EUR	10,5600	10,5600	10,5600			10,5600					
Certificate	NL0013125263	NASDQ 5625TRLOPENH	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	DE000CE68MX3	NASDQ 5629TL OPENZ	EUR	9,6200	9,6200	9,6200			9,6200					
Certificate	DE000V19VUP2	NASDQ 5673TL OPENV	EUR	7,9500	8,7350	7,9500	3318,0000	3	8,1950	400				
Certificate	DE000CY50MJ2	NASDQ 5700TL OPENC	EUR	7,5800	7,5800	7,5800			7,5800					
Certificate	DE000CY50LK2	NASDQ 5700TL OPENC	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	NL0012898613	NASDQ 5708TRLOPENH	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	DE000CE6CH55	NASDQ 5731TL OPENZ	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	DE000CV8AC54	NASDQ 5750TL 1218Z	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	NL0012265870	NASDQ 5750TL OPENB	EUR	9,8550	9,8550	9,8550			9,8550					
Certificate	DE000CE6CJF4	NASDQ 5750TL OPENZ	EUR	9,3650	9,3650	9,3650			9,3650					
Certificate	NL0012265284	NASDQ 57798L OPENB	EUR	8,4050	8,4050	8,4050			8,4050					
Certificate	NL0013083694	NASDQ 5783TRLOPENH	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	DE000CY517M7	NASDQ 5800TL OPENC	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	DE000CY51824	NASDQ 5800TL OPENC	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	DE000CY50GK2	NASDQ 5800TS OPENC	EUR											
Certificate	NL0012266852	NASDQ 58338L OPENB	EUR	7,9250	7,9250	7,9250			7,9250					
Certificate	DE000CE6CKR7	NASDQ 5834TL OPENZ	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	NL0013083686	NASDQ 5834TRLOPENH	EUR	7,7800	7,7800	7,7800			7,7800					
Certificate	NL0012276992	NASDQ 5850TL OPENB	EUR	9,0250	9,0250	9,0250			9,0250					
Certificate	NL0013083678	NASDQ 5884TRLOPENH	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	NL0012898258	NASDQ 5891TL OPENH	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	DE000V9N9HFL9	NASDQ 5899TL OPENV	EUR	7,2050	7,2050	7,2050			7,2050					
Certificate	DE000CJ3QH28	NASDQ 5900TL 0319Z	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	DE000CY51LF0	NASDQ 5900TL OPENC	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	DE000CY51NF6	NASDQ 5900TL OPENC	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	NL0012277446	NASDQ 5910TL OPENB	EUR	8,5050	8,5050	8,5050			8,5050					
Certificate	DE000CE6D8E8	NASDQ 5937TL OPENZ	EUR	6,9150	6,9150	6,9150			6,9150					
Certificate	DE000V9AC464	NASDQ 5938TL OPENV	EUR	6,7550	6,7550	6,7550			6,7550					
Certificate	NL0012277388	NASDQ 59398L OPENB	EUR	6,9850	6,9850	6,9850			6,9850					
Certificate	DE000CE6DYJ3	NASDQ 5958TL OPENZ	EUR	7,5550	7,5550	7,5550			7,5550					
Certificate	NL0012898605	NASDQ 5961TRLOPENH	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	DE000V9AC480	NASDQ 5988TL OPENV	EUR	6,3150	6,3150	6,3150			6,3150					
Certificate	LU1876840304	NASDQ 6000TCIOPENS	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	DE000CY52822	NASDQ 6000TL OPENC	EUR	5,8300	5,8300	5,1000	99,1100	1	5,1000	17				
Certificate	NL0012498448	NASDQ 6010TL OPENB	EUR	7,6350	7,6350	7,6350			7,6350					
Certificate	NL0013083660	NASDQ 6035TRLOPENH	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000V9AC498	NASDQ 6038TL OPENV	EUR	5,8750	5,8750	5,8750			5,8750					
Certificate	DE000CE6DYB0	NASDQ 6039TL OPENZ	EUR	6,0150	6,0150	6,0150			6,0150					
Certificate	NL0012491476	NASDQ 60438L OPENB	EUR	6,0650	6,0650	6,0650			6,0650					
Certificate	LU1859907880	NASDQ 6063TCIOPENS	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	NL0013083652	NASDQ 6086TRLOPENH	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0012499487	NASDQ 60948L OPENB	EUR	5,6250	5,6250	5,6250			5,6250					
Certificate	DE000CY51WN1	NASDQ 6100TL OPENC	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	DE000CY51W42	NASDQ 6100TL OPENC	EUR	3,7700	3,7700	3,4400	1587,1700	1	3,4400	421				
Certificate	NL0012925457	NASDQ 6126TL OPENH	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	DE000V9AC0A9	NASDQ 6135TL OPENV	EUR	4,9850	4,9850	4,9850			4,9850					
Certificate	NL0013083645	NASDQ 6136TRLOPENH	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	DE000CE6EK41	NASDQ 6140TL OPENZ	EUR	5,1250	5,1250	5,1250			5,1250					
Certificate	DE000CE6FG8	NASDQ 6167TL OPENZ	EUR	5,7350	5,7350	5,7350			5,7350					
Certificate	NL0012501910	NASDQ 6170TL OPENB	EUR	6,2650	6,2650	6,2650			6,2650					
Certificate	LU1859907963	NASDQ 6175TCIOPENS	EUR	4,5300	4,5300	4,5300			4,5300					



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	DE000VA9COC5	NASDQ 6185TL OPENV	EUR	4,5450	4,5450	4,5450			4,5450					
Certificate	NL0012504799	NASDQ 6198BL OPENB	EUR	4,9300	5,4350	4,5800	32660,0000	15	4,6950	6550				
Certificate	DE000CJ3P729	NASDQ 6200TL 0319Z	EUR	4,8050	4,8050	4,8050			4,8050					
Certificate	DE000CY52ZK8	NASDQ 6200TL OPENC	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	NL0012924849	NASDQ 6209TRLOPENH	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	NL0012505010	NASDQ 6220TL OPENB	EUR	6,3200	6,3200	5,8650	948,0000	1	5,8650	150				
Certificate	DE000VA8F006	NASDQ 6236TL OPENV	EUR	4,0350	4,0350	4,0350			4,0350					
Certificate	DE000CE6F1M4	NASDQ 6240TL OPENZ	EUR	4,2450	4,2450	4,2450			4,2450					
Certificate	DE000VL76G29	NASDQ 6250TL OPENV	EUR	3,1900	3,5000	2,7000	5083,8300	6	2,7550	1635				
Certificate	NL0013185689	NASDQ 6250TRLOPENH	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	NL0012925440	NASDQ 6253TL OPENH	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	NL0013184351	NASDQ 6255TRLOPENH	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	LU1840978008	NASDQ 6280TCIOPENS	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	DE000VA8F014	NASDQ 6286TL OPENV	EUR	3,5950	3,5950	3,5950			3,5950					
Certificate	NL0013083637	NASDQ 6287TRLOPENH	EUR	3,5600	3,7700	3,5600	35,6000	1	3,7700	10				
Certificate	DE000CQ5AM14	NASDQ 6300TL OPENC	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0012507057	NASDQ 6303BL OPENB	EUR	3,7750	3,7750	3,7750			3,7750					
Certificate	DE000VA1GKL3	NASDQ 6327TL OPENV	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	NL0012925432	NASDQ 6329TL OPENH	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	NL0013184344	NASDQ 6335TRLOPENH	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000CE6FBK4	NASDQ 6342TL OPENZ	EUR	3,3550	3,3550	3,3550			3,3550					
Certificate	DE000CV8AC62	NASDQ 6350TL 1218Z	EUR	3,3350	3,3350	3,3350			3,3350					
Certificate	NL0012508881	NASDQ 6355BL OPENB	EUR	3,9300	4,0950	3,3050	449,1200	2	3,3050	112				
Certificate	NL0013183296	NASDQ 6356TRLOPENH	EUR	3,3100	3,3100	3,1600	1158,5000	1	3,1600	350				
Certificate	NL0012924831	NASDQ 6363TRLOPENH	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000CV50848	NASDQ 6375TL OPENZ	EUR	3,9250	3,9250	3,9250			3,9250					
Certificate	NL0013183288	NASDQ 6396TRLOPENH	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	LU1876975225	NASDQ 6400TCIOPENS	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000CP233Q3	NASDQ 6400TL OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0012687149	NASDQ 6406BL OPENB	EUR	2,6800	3,5200	2,6800	9050,0000	2	2,8550	2750				
Certificate	NL0012925424	NASDQ 6406TL OPENH	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	NL0012687453	NASDQ 6410TL OPENB	EUR	4,1650	4,1650	4,1650			4,1650					
Certificate	NL0013184336	NASDQ 6415TRLOPENH	EUR	2,3500	3,0600	2,3500	1281,5000	2	2,6700	500				
Certificate	NL0012924823	NASDQ 6439TRLOPENH	EUR	2,5800	2,8500	2,4500	26900,0000	6	2,4500	10000				
Certificate	DE000CV50780	NASDQ 6441TL OPENZ	EUR	2,2600	3,1100	2,1300	69412,5000	10	2,4850	31782				
Certificate	NL0012925416	NASDQ 6451TL OPENH	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0013157969	NASDQ 6456BL OPENB	EUR	2,2200	3,0000	2,2200	4065,0000	3	2,4150	1500				
Certificate	NL0013158165	NASDQ 6470TL OPENB	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	DE000VA90WN9	NASDQ 6495TL OPENV	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	NL0013184328	NASDQ 6496TRLOPENH	EUR	1,9700	1,9700	1,9700	344,7500	1	1,9700	175				
Certificate	LU1876975498	NASDQ 6500TCIOPENS	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000CJ3QM07	NASDQ 6500TL 0319Z	EUR											
Certificate	DE000CP23PM4	NASDQ 6500TL OPENC	EUR	2,1800	2,4500	1,9700	463,0000	2	1,9700	200				
Certificate	NL0013185911	NASDQ 6504TL OPENH	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	NL0013158363	NASDQ 6505BL OPENB	EUR	2,3100	2,3100	1,9750	1386,0000	1	1,9750	600				
Certificate	NL0013184310	NASDQ 6516TRLOPENH	EUR	1,5400	2,6100	1,4900	113395,0000	35	1,8000	55000				
Certificate	NL0013158173	NASDQ 6520TL OPENB	EUR	1,9200	2,8800	1,9150	12820,0000	6	2,2550	5975				
Certificate	NL0013184302	NASDQ 6536TRLOPENH	EUR											
Certificate	DE000CJ3QMB9	NASDQ 6540TL OPENZ	EUR											
Certificate	NL0013186364	NASDQ 6544TL OPENH	EUR											
Certificate	DE000VA90X80	NASDQ 6545TL OPENV	EUR											
Certificate	NL0013158801	NASDQ 6554BL OPENB	EUR											
Certificate	NL0013158546	NASDQ 6570TL OPENB	EUR											
Certificate	NL0013185796	NASDQ 6590TRLOPENH	EUR											
Certificate	DE000VA90ZB7	NASDQ 6595TL OPENV	EUR											
Certificate	LU1876975571	NASDQ 6600TCIOPENS	EUR											
Certificate	DE000CP23920	NASDQ 6600TL OPENC	EUR											
Certificate	DE000CP23KC6	NASDQ 6600TL OPENC	EUR											
Certificate	NL0013158819	NASDQ 6604BL OPENB	EUR											
Certificate	NL0013185788	NASDQ 6609TRLOPENH	EUR											
Certificate	NL0013159114	NASDQ 6620TL OPENB	EUR											
Certificate	NL0013191943	NASDQ 6620TRSOPENH	EUR											
Certificate	NL0013186992	NASDQ 6623TL OPENH	EUR											
Certificate	LU1876840486	NASDQ 6625TCIOPENS	EUR											
Certificate	DE000CJ3QNG6	NASDQ 6626TL OPENZ	EUR											
Certificate	NL0013185770	NASDQ 6630TRLOPENH	EUR											
Certificate	DE000CJ3QND3	NASDQ 6635TL OPENZ	EUR											
Certificate	DE000CJ3QW45	NASDQ 6636TL OPENZ	EUR											
Certificate	NL0013191935	NASDQ 6640TRSOPENH	EUR											
Certificate	DE000VA90ZC5	NASDQ 6645TL OPENV	EUR											
Certificate	NL0013185762	NASDQ 6647TRLOPENH	EUR											
Certificate	DE000VN9HCS1	NASDQ 6649TL 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	NL0013158827	NASDQ 6651BL OPENB	EUR											
Certificate	NL0013164296	NASDQ 6670TL OPENB	EUR											
Certificate	NL0013159122	NASDQ 6670TL OPENB	EUR											
Certificate	NL0012785034	NASDQ 6670TS OPENB	EUR											
Certificate	NL0013191166	NASDQ 6681TRLOPENH	EUR											
Certificate	NL0013186984	NASDQ 6683TL OPENH	EUR											
Certificate	NL0013186265	NASDQ 6686TRLOPENH	EUR											
Certificate	DE000VA90ZD3	NASDQ 6695TL OPENV	EUR											
Certificate	LU1876975654	NASDQ 6700TCIOPENS	EUR											
Certificate	LU1876840569	NASDQ 6700TCIOPENS	EUR											
Certificate	NL0013158835	NASDQ 6701BL OPENB	EUR											
Certificate	NL0013191158	NASDQ 6701TRLOPENH	EUR											
Certificate	NL0013186893	NASDQ 6705TRLOPENH	EUR											
Certificate	NL0013159130	NASDQ 6720TL OPENB	EUR											
Certificate	NL0013191141	NASDQ 6721TRLOPENH	EUR											
Certificate	NL0013186885	NASDQ 6725TRLOPENH	EUR											
Certificate	DE000CJ3QNE1	NASDQ 6736TL OPENZ	EUR											
Certificate	NL0013191133	NASDQ 6741TRLOPENH	EUR											
Certificate	NL0013186976	NASDQ 6743TL OPENH	EUR											
Certificate	DE000VA90ZE1	NASDQ 6745TL OPENV	EUR											
Certificate	NL0013186877	NASDQ 6745TRLOPENH	EUR											
Certificate	NL0013160823	NASDQ 6750BL OPENB	EUR											
Certificate	NL0013191125	NASDQ 6751TRLOPENH	EUR											
Certificate	DE000VN9HFG9	NASDQ 6754TS OPENV	EUR											
Certificate	NL0013186869	NASDQ 6755TRLOPENH	EUR											
Certificate	NL0013159148	NASDQ 6770TL OPENB	EUR											
Certificate	NL0013192222	NASDQ 6780TS OPENH	EUR											
Certificate	NL0013191117	NASDQ 6781TRLOPENH	EUR											
Certificate	NL0013186851	NASDQ 6785TRLOPENH	EUR											
Certificate	DE000VA901G0	NASDQ 6797TL OPENV	EUR											
Certificate	DE000CJ3QYP4	NASDQ 6798TS OPENZ	EUR											
Certificate	NL0013160831	NASDQ 6800BL OPENB	EUR											
Certificate	LU1876975738	NASDQ 6800TCIOPENS	EUR											
Certificate	DE000CJ3QQQ8	NASDQ 6800TL 0319Z	EUR											
Certificate	DE000VN9HFI3	NASDQ 6804TS OPENV	EUR											
Certificate	NL0013186844	NASDQ 6805TRLOPENH	EUR											
Certificate	NL0013160450	NASDQ 6810TL OPENB	EUR											
Certificate	NL0013165269	NASDQ 6810TS OPENB	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	NL0013188733	NASDQ 6819TL OPENH	EUR											
Certificate	NL0013189285	NASDQ 6820TRSOPENH	EUR											
Certificate	NL0013191109	NASDQ 6821TRLOPENH	EUR											
Certificate	NL0013186836	NASDQ 6825TRLOPENH	EUR											
Certificate	DE000CJ3QPU2	NASDQ 6833TL OPENZ	EUR											
Certificate	NL0013189277	NASDQ 6840TRSOPENH	EUR											
Certificate	NL0013191091	NASDQ 6840TRSOPENH	EUR	0,8300	1,2500	0,5100	3862,4000	6	1,2500		6040			
Certificate	NL0013186828	NASDQ 6845TRLOPENH	EUR											
Certificate	DE000VA901J4	NASDQ 6847TL OPENV	EUR											
Certificate	NL0013189269	NASDQ 6849TRSOPENH	EUR	1,6400	1,6400	0,4900	42997,1000	29	1,3300		51710			
Certificate	NL0013160849	NASDQ 6850BL OPENB	EUR											
Certificate	NL0013192214	NASDQ 6850TS OPENH	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000VN9HAB1	NASDQ 6854TS OPENV	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	DE000VA2T5R0	NASDQ 6855TL OPENV	EUR											
Certificate	NL0013186810	NASDQ 6855TRLOPENH	EUR											
Certificate	NL0013161037	NASDQ 6860TL OPENB	EUR											
Certificate	DE000CJ3QQT2	NASDQ 6878TL OPENZ	EUR											
Certificate	NL0013188725	NASDQ 6879TL OPENH	EUR											
Certificate	NL0013189251	NASDQ 6879TRSOPENH	EUR	1,9000	1,9000	0,8100	70882,4500	29	1,5900		64830			
Certificate	NL0013187784	NASDQ 6881TRLOPENH	EUR											
Certificate	NL0013164767	NASDQ 6891BS OPENB	EUR	1,8400	1,8400	1,7400	542,0000	3	1,8050		300			
Certificate	DE000VA901L0	NASDQ 6897TL OPENV	EUR											
Certificate	DE000CJ3QVV8	NASDQ 6898TS OPENZ	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	NL0013189244	NASDQ 6899TRSOPENH	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	NL0013153695	NASDQ 6900TS OPENB	EUR											
Certificate	DE000VN9HAD7	NASDQ 6904TS OPENV	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	NL0013161045	NASDQ 6910TL OPENB	EUR											
Certificate	NL0013165277	NASDQ 6910TS OPENB	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	NL0013188550	NASDQ 6920TRLOPENH	EUR											
Certificate	NL0013191083	NASDQ 6920TRSOPENH	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	NL0013016934	NASDQ 6930TS OPENB	EUR											
Certificate	DE000CJ3QPVO	NASDQ 6933TL OPENZ	EUR											
Certificate	NL0013188543	NASDQ 6940TRLOPENH	EUR											
Certificate	NL0013191075	NASDQ 6940TRSOPENH	EUR	2,1100	2,1100	2,1100			2,1100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013188535	NASDQ 6950TRLOPENH	EUR											
Certificate	NL0013191067	NASDQ 6950TRSOPEH	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0013189475	NASDQ 6950TS OPENH	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	DE000VN9HAF2	NASDQ 6954TS OPENV	EUR	2,2550	2,2550	2,2550			2,2550					
Certificate	DE000VA2T5T6	NASDQ 6955TL OPENV	EUR											
Certificate	DE000CV89DW8	NASDQ 6979TL OPENZ	EUR											
Certificate	NL0013188527	NASDQ 6980TRLOPENH	EUR											
Certificate	NL0013191059	NASDQ 6980TRSOPEH	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	NL0013164775	NASDQ 6991BS OPENB	EUR	2,6850	2,6850	2,6850			2,6850					
Certificate	DE000CJ3QTU4	NASDQ 6998TS OPENZ	EUR	2,6650	2,6650	2,6650			2,6650					
Certificate	DE000CQ58BEY6	NASDQ 7000TL OPENC	EUR											
Certificate	DE000CQ58NN0	NASDQ 7000TL OPENC	EUR											
Certificate	DE000CQ58F55	NASDQ 7000TL OPENC	EUR											
Certificate	NL0013188519	NASDQ 7000TRLOPENH	EUR											
Certificate	NL0013191042	NASDQ 7000TRSOPEH	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	DE000CJ3QT16	NASDQ 7000TS 0319Z	EUR	1,8700	2,6050	1,8700	437,0000	2	2,6050	200				
Certificate	DE000CP23RQ1	NASDQ 7000TS OPENC	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CP23PN2	NASDQ 7000TS OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000VN9G726	NASDQ 7004TS OPENV	EUR	2,6850	2,6850	2,6850			2,6850					
Certificate	NL0013164395	NASDQ 7010TS OPENB	EUR	3,2950	3,2950	3,2950			3,2950					
Certificate	NL0013188501	NASDQ 7020TRLOPENH	EUR											
Certificate	NL0013191034	NASDQ 7020TRSOPEH	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	NL0013189467	NASDQ 7020TS OPENH	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	NL0013188493	NASDQ 7040TRLOPENH	EUR											
Certificate	NL0013191026	NASDQ 7040TRSOPEH	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	DE000CJ3QT08	NASDQ 7041TS OPENZ	EUR	3,8950	3,8950	3,8950			3,8950					
Certificate	NL0013188485	NASDQ 7050TRLOPENH	EUR											
Certificate	DE000CJ3PNV7	NASDQ 7052TS OPENZ	EUR											
Certificate	DE000VN9G742	NASDQ 7054TS OPENV	EUR	3,1250	3,1250	3,1250			3,1250					
Certificate	DE000VA8F0V3	NASDQ 7066TS OPENV	EUR											
Certificate	DE000CV880H2	NASDQ 7071TS OPENZ	EUR											
Certificate	NL0013188477	NASDQ 7077TRSOPEH	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	NL0013162985	NASDQ 7091BS OPENB	EUR	3,5750	3,5750	3,5750			3,5750					
Certificate	DE000CJ3QTV2	NASDQ 7098TS OPENZ	EUR	3,5450	3,5450	3,5450			3,5450					
Certificate	NL0013012545	NASDQ 7100TL OPENB	EUR											
Certificate	DE000CQ58BJM0	NASDQ 7100TL OPENC	EUR											
Certificate	DE000CQ58BNP5	NASDQ 7100TL OPENC	EUR											
Certificate	LU1876844041	NASDQ 7100TPIOPEH	EUR											
Certificate	DE000CP23RR9	NASDQ 7100TS OPENC	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	DE000CP23PP7	NASDQ 7100TS OPENC	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	DE000VN9G767	NASDQ 7104TS OPENV	EUR	3,5650	3,5650	3,5650			3,5650					
Certificate	NL0013133291	NASDQ 7107TRSOPEH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0013152515	NASDQ 7110TS OPENB	EUR	4,4800	4,4800	3,6500	90328,5000	6	4,2450	20250				
Certificate	NL0013134182	NASDQ 7116TS OPENH	EUR	4,2500	4,8900	4,2500	212,5000	1	4,8900	50				
Certificate	NL0013133283	NASDQ 7127TRSOPEH	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	NL0013133275	NASDQ 7137TRSOPEH	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	DE000VA9C290	NASDQ 7155TS OPENV	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	NL0013133267	NASDQ 7167TRSOPEH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	NL0013016298	NASDQ 7191BS OPENB	EUR	4,7000	4,7000	3,6800	5339,6000	3	4,4550	1360				
Certificate	DE000CJ3P844	NASDQ 7196TS OPENZ	EUR	4,4050	4,4050	4,4050			4,4050					
Certificate	NL0013085525	NASDQ 7197TRSOPEH	EUR	3,5900	4,3500	3,5900	6295,0000	4	4,3500	1700				
Certificate	DE000CQ58UE4	NASDQ 7200TL OPENC	EUR											
Certificate	LU1876844124	NASDQ 7200TPIOPEH	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000CP23KD4	NASDQ 7200TS OPENC	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	DE000CP233T7	NASDQ 7200TS OPENC	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0013016967	NASDQ 7210TS OPENB	EUR	5,1550	5,1550	5,1550			5,1550					
Certificate	NL0013132996	NASDQ 7212TS OPENH	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	DE000VA8FUX4	NASDQ 7216TS OPENV	EUR	4,4350	4,4350	4,4350			4,4350					
Certificate	NL0013085517	NASDQ 7217TRSOPEH	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	NL0013084551	NASDQ 7256TRSOPEH	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000VA8FU02	NASDQ 7266TS OPENV	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	NL0013085251	NASDQ 7267TS OPENH	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	NL0012928220	NASDQ 7268TRLOPENH	EUR											
Certificate	NL0013187776	NASDQ 7277TRSOPEH	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	NL0013085855	NASDQ 7277TRSOPEH	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	NL0012928212	NASDQ 7288TRLOPENH	EUR											
Certificate	DE000CJ3PH20	NASDQ 7289TS OPENZ	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0013008535	NASDQ 7291BS OPENB	EUR	5,3350	5,3350	5,3350			5,3350					
Certificate	DE000CJ3PE63	NASDQ 7296TS OPENZ	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	DE000CJ3P752	NASDQ 7300TS 0319Z	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	NL0013131477	NASDQ 7306TRSOPEH	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0013009517	NASDQ 7310TS OPENB	EUR	6,0550	6,0550	6,0550			6,0550					



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	NL0013081052	NASDQ 7315TRSOPENH	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	DE000VA71L04	NASDQ 7315TS OPENV	EUR	5,3150	5,3150	5,3150			5,3150					
Certificate	NL0013081508	NASDQ 7337TS OPENH	EUR	6,8900	6,8900	6,8900			6,8900					
Certificate	NL0013083496	NASDQ 7356TRSOPENH	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	LU1840975160	NASDQ 7365TPIOPENS	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	DE000VA71L20	NASDQ 7365TS OPENV	EUR	5,7550	5,7550	5,7550			5,7550					
Certificate	NL0013008543	NASDQ 7390BS OPENB	EUR	6,2250	6,2250	6,2250			6,2250					
Certificate	NL0013079817	NASDQ 7395TRSOPENH	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	DE000CJ3N7T8	NASDQ 7396TS OPENZ	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	LU1876844397	NASDQ 7400TPIOPENS	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	DE000CP07BU0	NASDQ 7400TS OPENC	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	DE000CP06VE4	NASDQ 7400TS OPENC	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	NL0013081490	NASDQ 7407TS OPENH	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	NL0013009525	NASDQ 7410TS OPENB	EUR	6,9550	6,9550	6,9550			6,9550					
Certificate	DE000VA71L46	NASDQ 7415TS OPENV	EUR	6,2050	6,2050	6,2050			6,2050					
Certificate	NL0013084544	NASDQ 7416TRSOPENH	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	NL0013078520	NASDQ 7424TRSOPENH	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000CJ3N6D4	NASDQ 7450TS 1218Z	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	NL0013086861	NASDQ 7457TRSOPENH	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	DE000VA71L61	NASDQ 7465TS OPENV	EUR	6,6450	6,6450	6,6450			6,6450					
Certificate	NL0013081482	NASDQ 7467TS OPENH	EUR	8,2600	8,2600	8,0700	123,9000	1	8,0700	15				
Certificate	NL0013078173	NASDQ 7474TRSOPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	NL0013008550	NASDQ 7490BS OPENB	EUR	7,3000	7,3000	7,1050	730,0000	1	7,1050	100				
Certificate	DE000CJ3N2J0	NASDQ 7495TS OPENZ	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	LU1876844470	NASDQ 7500TPIOPENS	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	DE000CP07BV8	NASDQ 7500TS OPENC	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	DE000CP06VF1	NASDQ 7500TS OPENC	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	NL0013007131	NASDQ 7510TS OPENB	EUR	7,4800	7,4850	7,4800	2244,0000	1	7,4850	300				
Certificate	NL0013078165	NASDQ 7514TRSOPENH	EUR	6,5900	7,1300	6,5900	1347,0000	2	7,1300	200				
Certificate	DE000VA77DT1	NASDQ 7515TS OPENV	EUR	7,0850	7,0850	7,0850			7,0850					
Certificate	NL0013080005	NASDQ 7538TS OPENH	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	DE000CJ3N652	NASDQ 7540TS OPENZ	EUR	8,3700	8,3700	8,3700			8,3700					
Certificate	NL0013078157	NASDQ 7554TRSOPENH	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	DE000VA77A68	NASDQ 7565TS OPENV	EUR	7,5250	7,5250	7,5250			7,5250					
Certificate	NL0013084536	NASDQ 7576TRSOPENH	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	NL0013079130	NASDQ 7588TS OPENH	EUR	9,1300	9,1300	9,1300			9,1300					
Certificate	NL0013006869	NASDQ 7590BS OPENB	EUR	7,9850	7,9850	7,9850			7,9850					
Certificate	DE000CJ3N0L0	NASDQ 7595TS OPENZ	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000CJ3P760	NASDQ 7600TS 0319Z	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	DE000CP07BW6	NASDQ 7600TS OPENC	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	DE000CP069C1	NASDQ 7600TS OPENC	EUR											
Certificate	DE000CP06YJ7	NASDQ 7600TS OPENC	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	DE000CP069T5	NASDQ 7600TS OPENC	EUR											
Certificate	NL0013078140	NASDQ 7614TRSOPENH	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	DE000VA71A76	NASDQ 7615TS OPENV	EUR	7,9750	7,9750	7,9750			7,9750					
Certificate	DE000VA7PWH4	NASDQ 7665TS OPENV	EUR	8,4150	8,4150	8,4150			8,4150					
Certificate	LU1840975244	NASDQ 7675TPIOPENS	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	NL0012890362	NASDQ 7676TRSOPENH	EUR	8,8200	8,8200	8,5900	441,0000	1	8,5900	50				
Certificate	NL0012924997	NASDQ 7687TS OPENH	EUR	10,0400	10,0400	10,0400			10,0400					
Certificate	NL0012980098	NASDQ 7690BS OPENB	EUR	8,5700	8,8650	8,2800	16935,0000	6	8,8650	2000				
Certificate	DE000CV4Z956	NASDQ 7695TS OPENZ	EUR	8,7900	8,7900	8,7900			8,7900					
Certificate	NL0012890354	NASDQ 7696TRSOPENH	EUR	8,7600	8,7600	8,7600			8,7600					
Certificate	LU1876844553	NASDQ 7700TPIOPENS	EUR	8,7600	8,7600	8,7600			8,7600					
Certificate	NL0012924377	NASDQ 7706TRSOPENH	EUR	8,8400	8,8400	8,8400			8,8400					
Certificate	NL0013005416	NASDQ 7710TS OPENB	EUR	8,8300	9,6350	8,8300	5739,5000	1	9,6350	650				
Certificate	NL0012924989	NASDQ 7717TS OPENH	EUR	10,3100	10,3100	10,3100			10,3100					
Certificate	NL0012890347	NASDQ 7736TRSOPENH	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	DE000VA275M1	NASDQ 7741TS OPENV	EUR	8,8550	8,8550	8,8550			8,8550					
Certificate	DE000CJ3N211	NASDQ 7750TS 1218Z	EUR	9,3100	9,3100	9,3100			9,3100					
Certificate	NL0012892962	NASDQ 7758TRSOPENH	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	NL0012900658	NASDQ 7765TS OPENH	EUR	10,7500	10,7500	10,7500			10,7500					
Certificate	NL0012924369	NASDQ 7781TRSOPENH	EUR	9,4900	9,4900	9,4900			9,4900					
Certificate	NL0012983860	NASDQ 7790BS OPENB	EUR	9,7550	9,7550	9,7550			9,7550					
Certificate	DE000VA275N9	NASDQ 7791TS OPENV	EUR	9,2950	9,2950	9,2950			9,2950					
Certificate	NL0012924971	NASDQ 7792TS OPENH	EUR	10,9700	10,9700	10,9700			10,9700					
Certificate	DE000CV4YU90	NASDQ 7792TS OPENZ	EUR	10,6250	10,6250	10,6250			10,6250					
Certificate	DE000CV4ZB19	NASDQ 7798TS OPENZ	EUR	9,7000	9,7000	9,7000			9,7000					
Certificate	LU1876970853	NASDQ 7800TPIOPENS	EUR	9,7000	9,7000	9,7000			9,7000					
Certificate	DE000CQ5AC81	NASDQ 7800TS OPENC	EUR	8,7500	8,7500	8,7500			8,7500					
Certificate	DE000CQ5BQE2	NASDQ 7800TS OPENC	EUR	9,2200	9,2200	9,2200			9,2200					
Certificate	DE000CQ5BFU1	NASDQ 7800TS OPENC	EUR	10,0800	10,0800	10,0800			10,0800					
Certificate	NL0012900856	NASDQ 7806TRSOPENH	EUR	9,7200	9,7200	9,7200			9,7200					



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	NL0012984041	NASDQ 7820TS OPENB	EUR	11,4000	12,0050	11,4000	3420,0000	1	12,0050	300				
Certificate	NL0012894018	NASDQ 7821TS OPENH	EUR	11,2600	11,2600	11,2600			11,2600					
Certificate	NL0012892954	NASDQ 7838TRSOPENH	EUR	10,0200	10,0200	10,0200			10,0200					
Certificate	DE000VA2T5P4	NASDQ 7841TS OPENV	EUR	9,7450	9,7450	9,7450			9,7450					
Certificate	NL0012892947	NASDQ 7858TRSOPENH	EUR	10,1900	10,1900	10,1900			10,1900					
Certificate	NL0012894000	NASDQ 7861TS OPENH	EUR	11,6200	11,6200	11,6200			11,6200					
Certificate	NL0012892939	NASDQ 7878TRSOPENH	EUR	10,3600	10,3600	10,3600			10,3600					
Certificate	NL0012893994	NASDQ 7881TS OPENH	EUR	11,7900	11,7900	11,7900			11,7900					
Certificate	DE000VA4RNH6	NASDQ 7885TS OPENV	EUR	10,1850	10,1850	10,1850			10,1850					
Certificate	NL0012892921	NASDQ 7898TRSOPENH	EUR	10,5400	10,5400	10,5400			10,5400					
Certificate	DE000CV4ZJG7	NASDQ 7900TS OPENZ	EUR	10,6100	10,6100	10,6100			10,6100					
Certificate	NL0012924963	NASDQ 7917TS OPENH	EUR	12,1100	12,1100	12,1100			12,1100					
Certificate	NL0012676852	NASDQ 7920TS OPENB	EUR	12,9450	12,9450	12,9450			12,9450					
Certificate	NL0012924351	NASDQ 7930TRSOPENH	EUR	10,8100	10,8100	10,8100			10,8100					
Certificate	DE000VA3EB68	NASDQ 7938TS OPENV	EUR	10,6250	10,6250	10,6250			10,6250					
Certificate	NL0012892913	NASDQ 7957TRSOPENH	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	NL0012893986	NASDQ 7961TS OPENH	EUR	12,5100	12,5100	12,5100			12,5100					
Certificate	NL0012893457	NASDQ 7978TRSOPENH	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	NL0012893978	NASDQ 7981TS OPENH	EUR	12,7000	12,7000	12,7000			12,7000					
Certificate	NL0012677405	NASDQ 7983BS OPENB	EUR	11,4650	11,4650	11,4650			11,4650					
Certificate	DE000CV4Z9X6	NASDQ 7990TS OPENZ	EUR	12,4150	12,4150	12,4150			12,4150					
Certificate	DE000CV5Z588	NASDQ 8000TS OPENC	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	DE000CV58UG9	NASDQ 8000TS OPENC	EUR	11,1300	11,1300	11,1300			11,1300					
Certificate	DE000CP63E0	NASDQ 8000TS OPENC	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	DE000CV52GG6	NASDQ 8000TS OPENC	EUR	11,3400	11,3400	11,3400			11,3400					
Certificate	NL0012894562	NASDQ 8002TS OPENH	EUR	12,8800	12,8800	12,8800			12,8800					
Certificate	DE000CV4ZKZ5	NASDQ 8003TS OPENZ	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	NL0012892905	NASDQ 8007TRSOPENH	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	NL0012992481	NASDQ 8020TS OPENB	EUR	13,8350	13,8350	13,8350			13,8350					
Certificate	LU1790486127	NASDQ 8027TPIOPENS	EUR	10,8900	10,8900	10,8900			10,8900					
Certificate	NL0012893960	NASDQ 8031TS OPENH	EUR	13,1400	13,1400	13,1400			13,1400					
Certificate	DE000VA4YRX0	NASDQ 8034TS OPENV	EUR	11,5050	11,5050	11,5050			11,5050					
Certificate	DE000CV8AC88	NASDQ 8050TS 1218Z	EUR	11,9600	11,9600	11,9600			11,9600					
Certificate	NL0013079544	NASDQ 8054TRSOPENH	EUR	11,9100	11,9100	11,9100			11,9100					
Certificate	NL0012892897	NASDQ 8057TRSOPENH	EUR	11,9600	11,9600	11,9600			11,9600					
Certificate	NL0012894554	NASDQ 8062TS OPENH	EUR	13,4100	13,4100	13,4100			13,4100					
Certificate	NL0012893952	NASDQ 8081TS OPENH	EUR	13,6000	13,6000	13,6000			13,6000					
Certificate	NL0012992226	NASDQ 8083BS OPENB	EUR	12,3550	12,3550	12,3550			12,3550					
Certificate	DE000VA4YRY8	NASDQ 8084TS OPENV	EUR	11,9550	11,9550	11,9550			11,9550					
Certificate	LU1876971075	NASDQ 8100TPIOPENS	EUR	12,3500	12,3500	12,3500			12,3500					
Certificate	NL0012894547	NASDQ 8102TS OPENH	EUR	13,8000	13,8000	13,8000			13,8000					
Certificate	DE000CV4ZPF6	NASDQ 8105TS OPENZ	EUR	12,4200	12,4200	12,4200			12,4200					
Certificate	NL0012892889	NASDQ 8107TRSOPENH	EUR	12,3900	12,3900	12,3900			12,3900					
Certificate	NL0012993406	NASDQ 8110TS OPENB	EUR	14,6650	14,6650	14,6650			14,6650					
Certificate	NL0012893945	NASDQ 8131TS OPENH	EUR	14,0500	14,0500	14,0500			14,0500					
Certificate	DE000VA4Y1M1	NASDQ 8132TS OPENV	EUR	12,3950	12,3950	12,3950			12,3950					
Certificate	NL0012892871	NASDQ 8157TRSOPENH	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	NL0012894539	NASDQ 8162TS OPENH	EUR	14,3400	14,3400	14,3400			14,3400					
Certificate	NL0012893937	NASDQ 8181TS OPENH	EUR	14,5100	14,5100	14,5100			14,5100					
Certificate	DE000VA4Y1N9	NASDQ 8182TS OPENV	EUR	12,8450	12,8450	12,8450			12,8450					
Certificate	NL0012994362	NASDQ 8183BS OPENB	EUR	13,2350	13,2350	13,2350			13,2350					
Certificate	DE000CV4ZLC2	NASDQ 8191TS OPENZ	EUR	14,2150	14,2150	14,2150			14,2150					
Certificate	NL0013003189	NASDQ 8200TS OPENB	EUR	13,9950	13,9950	13,9950			13,9950					
Certificate	DE000CP63F7	NASDQ 8200TS OPENC	EUR	13,9700	13,9700	13,9700			13,9700					
Certificate	DE000CP61P0	NASDQ 8200TS OPENC	EUR	12,9400	12,9400	12,9400			12,9400					
Certificate	NL0012894521	NASDQ 8202TS OPENH	EUR	14,6900	14,6900	14,6900			14,6900					
Certificate	NL0012892863	NASDQ 8207TRSOPENH	EUR	13,2600	13,2600	13,2600			13,2600					
Certificate	DE000CV4ZPY7	NASDQ 8207TS OPENZ	EUR	13,3200	13,3200	13,3200			13,3200					
Certificate	DE000VASRM35	NASDQ 8226TS OPENV	EUR	13,3250	13,3250	13,3250			13,3250					
Certificate	NL0012893929	NASDQ 8231TS OPENH	EUR	14,9600	14,9600	14,9600			14,9600					
Certificate	NL0012892855	NASDQ 8257TRSOPENH	EUR	13,7100	13,7100	13,7100			13,7100					
Certificate	NL0012894513	NASDQ 8262TS OPENH	EUR	15,2300	15,2300	15,2300			15,2300					
Certificate	DE000VASRM43	NASDQ 8276TS OPENV	EUR	13,7650	13,7650	13,7650			13,7650					
Certificate	NL0012893911	NASDQ 8281TS OPENH	EUR	15,4000	15,4000	15,4000			15,4000					
Certificate	NL0012894505	NASDQ 8302TS OPENH	EUR	15,6000	15,6000	15,6000			15,6000					
Certificate	NL0012892848	NASDQ 8307TRSOPENH	EUR	14,1400	14,1400	14,1400			14,1400					
Certificate	LU1817097402	NASDQ 8308TPIOPENS	EUR	13,6600	13,6600	13,6600			13,6600					
Certificate	NL0012893903	NASDQ 8331TS OPENH	EUR	15,8400	15,8400	15,8400			15,8400					
Certificate	DE000CV8AC96	NASDQ 8350TS 1218Z	EUR	14,6000	14,6000	14,6000			14,6000					
Certificate	NL0012892830	NASDQ 8356TRSOPENH	EUR	14,2700	14,6000	14,2700	1427,0000	1	14,6000	100				
Certificate	NL0012894497	NASDQ 8362TS OPENH	EUR	16,1300	16,1300	16,1300			16,1300					
Certificate	DE000VA6D393	NASDQ 8371TS OPENV	EUR	14,6050	14,6050	14,6050			14,6050					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012893895	NASDQ 8381TS OPENH	EUR	16,3100	16,3100	16,3100			16,3100					
Certificate	DE000CV4ZQ53	NASDQ 8393TS OPENZ	EUR	16,0150	16,0150	16,0150			16,0150					
Certificate	DE000CP063G5	NASDQ 8400TS OPENC	EUR	15,7600	15,7600	15,7600			15,7600					
Certificate	DE000CP061Q8	NASDQ 8400TS OPENC	EUR	14,7000	14,7000	14,7000			14,7000					
Certificate	NL0012894489	NASDQ 8402TS OPENH	EUR	16,5000	16,5000	16,5000			16,5000					
Certificate	NL0012892822	NASDQ 8406TRSOPENH	EUR	15,0400	15,0400	15,0400			15,0400					
Certificate	DE000CV8B5F5	NASDQ 8409TS OPENZ	EUR	15,1100	15,1100	15,1100			15,1100					
Certificate	DE000VAGD4A3	NASDQ 8421TS OPENV	EUR	15,0450	15,0450	15,0450			15,0450					
Certificate	NL0012892814	NASDQ 8456TRSOPENH	EUR	15,4800	15,4800	15,4800			15,4800					
Certificate	NL0012893887	NASDQ 8481TS OPENH	EUR	17,2100	17,2100	17,2100			17,2100					
Certificate	DE000CJ3P778	NASDQ 8500TS 0319Z	EUR	15,5800	15,5800	15,5800			15,5800					
Certificate	DE000CP23KE2	NASDQ 8500TS OPENC	EUR	16,9800	16,9800	16,9800			16,9800					
Certificate	DE000CQ58AZ1	NASDQ 8500TS OPENC	EUR	16,3000	16,3000	16,3000			16,3000					
Certificate	DE000CQ58NR1	NASDQ 8500TS OPENC	EUR	15,3800	15,3800	15,3800			15,3800					
Certificate	NL0012892806	NASDQ 8506TRSOPENH	EUR	15,9300	15,9300	15,9300			15,9300					
Certificate	NL0012892798	NASDQ 8556TRSOPENH	EUR	16,3600	16,3600	16,3600			16,3600					
Certificate	NL0012893879	NASDQ 8581TS OPENH	EUR	18,1200	18,1200	18,1200			18,1200					
Certificate	NL0012892780	NASDQ 8606TRSOPENH	EUR	16,8000	16,8000	16,8000			16,8000					
Certificate	DE000CV8BAV7	NASDQ 8609TS OPENZ	EUR	16,8800	16,8800	16,8800			16,8800					
Certificate	DE000CV8B6V0	NASDQ 8641TS OPENZ	EUR	18,2400	18,2400	18,2400			18,2400					
Certificate	NL0012892772	NASDQ 8656TRSOPENH	EUR	17,2400	17,2400	17,2400			17,2400					
Certificate	NL0012893861	NASDQ 8681TS OPENH	EUR	19,0000	19,0000	19,0000			19,0000					
Certificate	NL0013003916	NASDQ 8700TS OPENB	EUR	18,1200	18,4050	17,8550	2702,0000	3	18,4050	150				
Certificate	NL0012895635	NASDQ 8709TRSOPENH	EUR	17,7200	17,7200	17,7200			17,7200					
Certificate	DE000CV8BAW5	NASDQ 8710TS OPENZ	EUR	17,7700	17,7700	17,7700			17,7700					
Certificate	NL0012893853	NASDQ 8781TS OPENH	EUR	19,9200	19,9200	19,9200			19,9200					
Certificate	NL0012895627	NASDQ 8809TRSOPENH	EUR	18,6000	18,6000	18,6000			18,6000					
Certificate	DE000CV8BAX3	NASDQ 8810TS OPENZ	EUR	18,6500	18,6500	18,6500			18,6500					
Certificate	DE000CV87KA3	NASDQ 8893TS OPENZ	EUR	20,5050	20,5050	20,5050			20,5050					
Certificate	NL0012895619	NASDQ 8909TRSOPENH	EUR	19,4800	19,4800	19,4800			19,4800					
Certificate	DE000CV87QJ1	NASDQ 8919TS OPENZ	EUR	19,6200	19,6200	19,6200			19,6200					
Certificate	DE000CV8ACA9	NASDQ 8950TS 1218Z	EUR	19,9100	19,9100	19,9100			19,9100					
Certificate	NL0012898225	NASDQ 8984TS OPENH	EUR	21,7300	21,7300	21,7300			21,7300					
Certificate	DE000CP063H3	NASDQ 9000TS OPENC	EUR	21,1300	21,1300	21,1300			21,1300					
Certificate	DE000CP061R6	NASDQ 9000TS OPENC	EUR	20,0000	20,0000	20,0000			20,0000					
Certificate	NL0012895601	NASDQ 9009TRSOPENH	EUR	20,3500	20,3500	20,3500			20,3500					
Certificate	DE000CJ3P786	NASDQ 9100TS 0319Z	EUR	20,8400	20,8400	20,8400			20,8400					
Certificate	NL0012895593	NASDQ 9109TRSOPENH	EUR	21,2600	21,2600	21,2600			21,2600					
Certificate	NL0012898217	NASDQ 9184TS OPENH	EUR	23,5500	23,5500	23,5500			23,5500					
Certificate	NL0012895585	NASDQ 9208TRSOPENH	EUR	22,1300	22,1300	22,1300			22,1300					
Certificate	NL0012905822	NASDQ 9236TS OPENH	EUR	24,0300	24,0300	24,0300			24,0300					
Certificate	NL0012898761	NASDQ 9260TRSOPENH	EUR	22,5900	22,5900	22,5900			22,5900					
Certificate	NL0012905814	NASDQ 9286TS OPENH	EUR	24,4700	24,4700	24,4700			24,4700					
Certificate	NL0012895577	NASDQ 9308TRSOPENH	EUR	23,0200	23,0200	23,0200			23,0200					
Certificate	NL0012905806	NASDQ 9336TS OPENH	EUR	24,9100	24,9100	24,9100			24,9100					
Certificate	NL0012901367	NASDQ 9364TRSOPENH	EUR	23,5100	23,5100	23,5100			23,5100					
Certificate	NL0012905798	NASDQ 9386TS OPENH	EUR	25,3700	25,3700	25,3700			25,3700					
Certificate	DE000CV87YE6	NASDQ 9391TS OPENZ	EUR	24,9750	24,9750	24,9750			24,9750					
Certificate	NL0012895569	NASDQ 9408TRSOPENH	EUR	23,8800	23,8800	23,8800			23,8800					
Certificate	NL0012905780	NASDQ 9436TS OPENH	EUR	25,8300	25,8300	25,8300			25,8300					
Certificate	NL0012905707	NASDQ 9467TRSOPENH	EUR	24,4200	24,4200	24,4200			24,4200					
Certificate	NL0012905772	NASDQ 9486TS OPENH	EUR	26,2800	26,2800	26,2800			26,2800					
Certificate	DE000CV8B6M9	NASDQ 9550TS 1218Z	EUR	25,2100	25,2100	25,2100			25,2100					
Certificate	DE000CV8B482	NASDQ 9724TS OPENZ	EUR	26,7400	26,7400	26,7400			26,7400					
Certificate	DE000CV8AQW3	NASDQ 9884TS OPENZ	EUR	29,3800	29,3800	29,3800			29,3800					
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	DE000VN61Y30	NDX LEVOPENV	EUR	0,2400	0,2650	0,2250	3651,0000	5	0,2250	14300				
Certificate	DE000VN61Y14	NDX LEVOPENV	EUR	18,2150	18,2150	18,2150			18,2150					
Certificate	DE000VN61Y22	NDX LEVOPENV	EUR	4,1800	5,1000	4,1800	3231,0000	6	4,4800	700				
Certificate	DE000VN61Y48	NDX SHROPENV	EUR	0,1350	0,1550	0,1350	1400,0000	1	0,1550	10000				
Certificate	DE000VN61Y55	NDX SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VA23401	NDX SHROPENV	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	DE000VA23419	NDX SHROPENV	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000VN61Y63	NDX SHROPENV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000VL51274	NDX SHROPENV	EUR											
Certificate	NL0013154206	NDXG 5.76TL OPENB	EUR	3,4200	3,4500	3,4200			3,4500					
Certificate	NL0013153935	NDXG 5.89BL OPENB	EUR	3,0500	3,0800	3,0500			3,0800					
Certificate	NL0013153745	NDXG 6.26TL OPENB	EUR	2,9500	2,9800	2,9500			2,9800					
Certificate	NL0013153000	NDXG 6.39BL OPENB	EUR	2,5500	2,5800	2,5500			2,5800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013152572	NDXG 6.76TL OPENB	EUR	2,5000	2,5300	2,5000			2,5300					
Certificate	NL0013152168	NDXG 6.89BL OPENB	EUR	2,0500	2,0800	2,0500			2,0800					
Certificate	NL0013156524	NDXG 7.26TL OPENB	EUR	2,0200	2,0500	2,0200			2,0500					
Certificate	NL0013156698	NDXG 7.39BL OPENB	EUR	1,5500	1,5800	1,5500			1,5800					
Certificate	NL0013157076	NDXG 7.76TL OPENB	EUR	1,5600	1,5900	1,5600			1,5900					
Certificate	NL0013156995	NDXG 7.89BL OPENB	EUR	1,0500	1,0800	1,0500			1,0800					
Certificate	NL0013164494	NDXG 8.26TL OPENB	EUR											
Certificate	NL0013159353	NDXG 8.26TL OPENB	EUR											
Certificate	NL0013163371	NDXG 8.85BS OPENB	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	NL0013161243	NDXG 8.99TS OPENB	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0013148950	NDXG 9.85BS OPENB	EUR	1,2400	1,2400	1,2300			1,2300					
Certificate	NL0013149388	NDXG 9.99TS OPENB	EUR	2,0200	2,0200	2,0100			2,0100					
Certificate	NL0013149958	NDXG 10.84BS OPENB	EUR	2,2300	2,2300	2,2200			2,2200					
Certificate	NL0013150279	NDXG 10.99TS OPENB	EUR	3,1000	3,1000	3,0900			3,0900					
Certificate	NL0009071653	NESTL 20.7TL OPENB	EUR	57,5750	57,5750	57,5750			57,5750					
Certificate	NL0009179050	NESTL 29.9TL OPENB	EUR											
Certificate	NL0010044145	NESTL 43.4TL OPENB	EUR	38,7650	38,7650	38,7650			38,7650					
Certificate	NL0010112504	NESTL 46.7TL OPENB	EUR	36,0450	36,0450	36,0450			36,0450					
Certificate	NL0010130415	NESTL 51.8TL OPENB	EUR	31,8050	31,8050	31,8050			31,8050					
Certificate	NL0010894697	NESTL 55.4TL OPENB	EUR	28,8650	29,6050	28,8650			29,6050					
Certificate	NL0010520169	NESTL 58.1TL OPENB	EUR	26,6250	26,6250	26,6250			26,6250					
Certificate	NL0011426820	NESTL 64.3TL OPENB	EUR	21,5050	22,2350	21,5050			22,2350					
Certificate	NL0012118814	NESTL 71.2TL OPENB	EUR	15,8350	16,5650	15,8350			16,5650					
Certificate	NL0013014475	NESTL 78.4TL OPENB	EUR	9,8250	10,5550	9,8250			10,5550					
Certificate	NL0012993554	NESTL 89.6TS OPENB	EUR	11,3350	11,3350	10,6250			10,6250					
Certificate	NL0013146137	NESTL 94.6TS OPENB	EUR	16,1550	16,1550	15,4450			15,4450					
Certificate	DE000CV89AS2	NESTL47.32TL OPENZ	EUR	32,5100	33,3700	32,5100			33,3700					
Certificate	DE000CR1JPQ9	NESTL57.44TL OPENZ	EUR	2,3550	2,4350	2,3550			2,4350					
Certificate	DE000CR6X5G7	NESTL62.85TL OPENZ	EUR	1,8650	1,9550	1,8650			1,9550					
Certificate	DE000CB9YK73	NESTL67.36TL OPENZ	EUR	1,4750	1,5550	1,4750			1,5550					
Certificate	DE000CV8A849	NESTL77.29TL OPENZ	EUR	5,9200	6,7600	5,9200			6,7600					
Certificate	NL0013188865	NETEA 225TL OPENH	EUR											
Certificate	NL0013191448	NETEA 228TL OPENH	EUR	2,0200	2,3200	2,0200			2,3200					
Certificate	NL0013191430	NETEA 232TL OPENH	EUR	1,6900	1,9900	1,6900			1,9900					
Certificate	NL0013189624	NETEA 238TS OPENH	EUR											
Certificate	NL0013192396	NETEA 244TS OPENH	EUR											
Certificate	NL0012907711	NETEA 243.TS OPENH	EUR											
Certificate	NL0012907950	NETEA 254.TS OPENH	EUR	3,1100	3,1100	2,7400			2,7400					
Certificate	NL0012907703	NETEA 269.TS OPENH	EUR	4,5000	4,5000	4,1500			4,1500					
Certificate	DE000CV8AXU3	NETEA149.3TL OPENZ	EUR	1,6650	1,7550	1,6650			1,7550					
Certificate	DE000CV8AT71	NETEA170.5TL OPENZ	EUR	1,3050	1,3950	1,3050			1,3950					
Certificate	NL0013124563	NETEA170.7TL OPENH	EUR	6,8000	7,1600	6,8000			7,1600					
Certificate	NL0013125719	NETEA180.7TL OPENH	EUR	5,9600	6,3300	5,9600			6,3300					
Certificate	NL0012907786	NETEA186.4TL OPENH	EUR	5,4900	5,8500	5,4900			5,8500					
Certificate	NL0013126519	NETEA192.7TL OPENH	EUR	4,9700	5,3200	4,9700			5,3200					
Certificate	NL0013128499	NETEA194.6TL OPENH	EUR	4,8100	5,1600	4,8100			5,1600					
Certificate	DE000CJ3PWK1	NETEA196.4TL OPENZ	EUR	0,8750	0,9650	0,8750			0,9650					
Certificate	NL0013129760	NETEA202.6TL OPENH	EUR	4,1400	4,4900	4,1400			4,4900					
Certificate	NL0013180656	NETEA208.3TL OPENH	EUR	3,6800	4,0200	3,6800			4,0200					
Certificate	NL0013181845	NETEA214.2TL OPENH	EUR	3,1800	3,5300	3,1800			3,5300					
Certificate	NL0013185424	NETEA219.8TL OPENH	EUR	2,7100	3,0600	2,7100			3,0600					
Certificate	NL0013183809	NETEA251.5TS OPENH	EUR	2,8600	2,8600	2,5000			2,5000					
Certificate	NL0013132616	NETEA284.3TS OPENH	EUR	5,9400	5,9400	5,5900			5,5900					
Certificate	DE000CN6J0J9	NEWMG 19.TL OPENZ	EUR	6,9100	6,9300	6,9100			6,9300					
Certificate	DE000CN6HEM9	NEWMG15.43TL OPENZ	EUR	8,3900	8,4200	8,3900			8,4200					
Certificate	DE000CN6GBE4	NEWMG17.33TL OPENZ	EUR	7,6100	7,6300	7,6100			7,6300					
Certificate	DE000CN6JAR2	NEWMG22.88TL OPENZ	EUR	5,3100	5,3200	5,3100			5,3200					
Certificate	DE000CN6KTU4	NEWMG28.39TL OPENZ	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	DE000VL2R388	NG1 3 LEVOPENV	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	NL0012507388	NGAS 2.13TL OPENB	EUR	4,3850	4,3850	4,3850			4,3850					
Certificate	NL0012676597	NGAS 2.64TL OPENB	EUR	3,5850	3,5850	3,5850			3,5850					
Certificate	DE000CV4ZSN4	NGAS 2.181TL OPENZ	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	DE000CE6BRE2	NGAS 2.512TL OPENZ	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	DE000CV4ZQA5	NGRID5.466TL OPENZ	EUR	1,5400	1,5700	1,5400			1,5700					
Certificate	DE000CR1JPX5	NGRID6.682TL OPENZ	EUR	0,8700	0,8900	0,8700			0,8900					
Certificate	DE000CV88608	NIBC 5.278TL OPENZ	EUR	3,3350	3,3350	3,3350			3,3350					
Certificate	DE000CV88616	NIBC 5.918TL OPENZ	EUR	2,7350	2,7350	2,7350			2,7350					
Certificate	DE000CV88624	NIBC 6.668TL OPENZ	EUR	2,0350	2,0350	2,0350			2,0350					
Certificate	DE000CV88632	NIBC 7.198TL OPENZ	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	DE000CJ3QN61	NIBC 7.808TL OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000CX595G6	NIKE 50TL OPENC	EUR											
Certificate	DE000CR6YBE3	NIKE 46.51TL OPENZ	EUR	4,6000	4,7200	4,6000			4,7200					



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	NL0011900832	NIKE 48.54TL OPENB	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CR6YBF0	NIKE 50.31TL OPENZ	EUR	3,9300	4,0500	3,9300			4,0500					
Certificate	NL0006467656	NIKEI 4850TL OPENB	EUR	128,9700	128,9700	128,9700			128,9700					
Certificate	NL0009067875	NIKEI 6040TL OPENB	EUR	120,7200	120,7200	120,7200			120,7200					
Certificate	DE000CM3ZVH3	NIKEI 6500TL OPENZ	EUR	1,1650	1,1650	1,1650			1,1650					
Certificate	NL0009071216	NIKEI 6740TL OPENB	EUR	115,4700	115,4700	115,4700			115,4700					
Certificate	NL0009702828	NIKEI 7250TL OPENB	EUR	111,6300	111,6300	111,6300			111,6300					
Certificate	DE000CM74HE8	NIKEI 8630TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	NL0010376992	NIKEI11140TL OPENB	EUR	82,4000	82,4000	82,4000			82,4000					
Certificate	NL0010376976	NIKEI11700TL OPENB	EUR	78,2000	78,2000	78,2000			78,2000					
Certificate	DE000C22GBV3	NIKEI12236TL OPENZ	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	NL0010898698	NIKEI12680TL OPENB	EUR	70,8650	70,8650	70,8650			70,8650					
Certificate	DE000C22GBW1	NIKEI12811TL OPENZ	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	DE000CF3A3L7	NIKEI13319TL OPENC	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	DE000C22GBX9	NIKEI13385TL OPENZ	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	DE000C22GBY7	NIKEI13960TL OPENZ	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	DE000CX00922	NIKEI14000TL OPENC	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000CF80D50	NIKEI14038TL OPENC	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0011805031	NIKEI14420TL OPENB	EUR	57,7650	57,7650	57,7650			57,7650					
Certificate	DE000CX008W7	NIKEI14500TL OPENC	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	DE000CX00930	NIKEI14500TL OPENC	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	DE000CR6XNP6	NIKEI15033TL OPENZ	EUR	4,9250	4,9250	4,9250			4,9250					
Certificate	DE000CR6XNQ4	NIKEI15574TL OPENZ	EUR	4,5050	4,5050	4,5050			4,5050					
Certificate	NL0012262158	NIKEI17430TL OPENB	EUR	35,1750	35,1750	35,1750			35,1750					
Certificate	NL0012262166	NIKEI17940TL OPENB	EUR	31,3150	31,3150	31,3150			31,3150					
Certificate	NL0012262174	NIKEI18460TL OPENB	EUR	27,4450	27,4450	27,4450			27,4450					
Certificate	NL0012262182	NIKEI18970TL OPENB	EUR	22,7100	23,5850	22,7100	136,2600	1	23,5850	6				
Certificate	NL0012512461	NIKEI19470TL OPENB	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	NL0012512479	NIKEI19980TL OPENB	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	DE000CY52780	NIKEI20000TL OPENC	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	NL0012777528	NIKEI20650TL OPENB	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	NL0013157241	NIKEI21150TL OPENB	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	NL0013157282	NIKEI22820TS OPENB	EUR	1,8300	1,9250	1,8200	1825,0000	2	1,9250	1000				
Certificate	NL0013157290	NIKEI23320TS OPENB	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	NL0013157308	NIKEI23820TS OPENB	EUR	2,6500	2,7350	2,6500	2650,0000	1	2,7350	1000				
Certificate	NL0013157316	NIKEI24320TS OPENB	EUR	3,1450	3,1450	3,1450			3,1450					
Certificate	NL0012700371	NIKEI24820TS OPENB	EUR	3,5350	3,5350	3,5350			3,5350					
Certificate	DE000CY527C7	NIKEI25000TS OPENC	EUR											
Certificate	NL0013157324	NIKEI25320TS OPENB	EUR	3,8100	3,9550	3,8100	952,5000	1	3,9550	250				
Certificate	DE000CQ5A3E7	NIKEI26000TS OPENC	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	DE000VN61239	NIKKE LEVOPENV	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	DE000VN61254	NIKKE LEVOPENV	EUR	0,1250	0,1250	0,1250			0,1250					
Certificate	DE000VN61247	NIKKE LEVOPENV	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000VN61262	NIKKE SHROPENV	EUR	0,5600	0,5950	0,5600	1680,0000	1	0,5950	3000				
Certificate	DE000VA54513	NIKKE SHROPENV	EUR	3,7950	3,7950	3,7950			3,7950					
Certificate	DE000VN61288	NIKKE SHROPENV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000VA54505	NIKKE SHROPENV	EUR	4,7150	4,7150	4,7150			4,7150					
Certificate	DE000VN61270	NIKKE SHROPENV	EUR	0,0550	0,0550	0,0550			0,0550					
Certificate	NL0000451920	NIKKEI CT OPENN	EUR	16,6200	16,6200	16,6200			16,6200					
Certificate	DE000CJ3QC98	NINTE21894TL OPENZ	EUR	1,9350	1,9350	1,9100			1,9100					
Certificate	DE000CV8A5R1	NINTE25874TL OPENZ	EUR	1,3550	1,3550	1,3300			1,3300					
Certificate	DE000CJ3QKV1	NINTE29881TL OPENZ	EUR	0,7750	0,7750	0,7400			0,7400					
Certificate	DE000CJ3NMU6	NINTE38564TL OPENZ	EUR											
Certificate	DE000CV8B6B2	NINTE38703TL OPENZ	EUR											
Certificate	NL0011232475	NIYZ 12334TRLOPENH	EUR											
Certificate	NL0011232467	NIYZ 14561TRLOPENH	EUR											
Certificate	NL0011231865	NIYZ 24820TS OPENH	EUR	4,0100	4,0100	4,0000	1604,0000	1	4,0000	400				
Certificate	NL0011231857	NIYZ 26690TS OPENH	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	DE000CY51MC5	NKOYJ 4TL OPENC	EUR											
Certificate	DE000CX0KTT7	NKOYJ 4TL OPENC	EUR											
Certificate	DE000CY51F20	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	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CX0KTV3	NKOYJ 6TS OPENC	EUR											
Certificate	DE000CY514X1	NKOYJ 6TS OPENC	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	NL0012512206	NKOYJ 3.2TL OPENB	EUR	2,2600	2,2600	2,2600	1808,0000	1	2,2600	800				
Certificate	DE000CY51WJ9	NKOYJ 3.5TL OPENC	EUR	1,7600	1,7600	1,7600			1,7600					



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	DE000CY51TQ0	NKOYJ 3.5TL OPENC	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	NL0012680623	NKOYJ 3.7TL OPENB	EUR											
Certificate	NL0012782783	NKOYJ 4.3TL OPENB	EUR											
Certificate	DE000CY514U7	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CY517C8	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CX0KTU5	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CY522S4	NKOYJ 4.5TS OPENC	EUR											
Certificate	DE000CY51V43	NKOYJ 4.6TS OPENC	EUR											
Certificate	NL0013160633	NKOYJ 4.8TL OPENB	EUR											
Certificate	DE000CY51WK7	NKOYJ 4.8TS OPENC	EUR											
Certificate	DE000CY514W3	NKOYJ 5.5TS OPENC	EUR											
Certificate	DE000CY517E4	NKOYJ 5.5TS OPENC	EUR											
Certificate	DE000CX0KTW1	NKOYJ 5.5TS OPENC	EUR											
Certificate	NL0012979363	NKOYJ 6.9TS OPENB	EUR											
Certificate	DE000CY52A96	NKOYJ 3.75TL OPENC	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CY52111	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY52W74	NKOYJ 4.25TL OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CY522R6	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY52R63	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY52AA2	NKOYJ 4.25TS OPENC	EUR											
Certificate	DE000CY51CT0	NKOYJ 4.75TL OPENC	EUR											
Certificate	DE000CY51AZ1	NKOYJ 4.75TL OPENC	EUR											
Certificate	DE000CY51MD3	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51CU8	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51G00	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51B05	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CD63FT2	NKOYJ3.022TL OPENZ	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	DE000CN6LF81	NKOYJ3.376TL OPENZ	EUR	1,7500	1,7850	1,7500	3500,0000	1	1,7850	2000				
Certificate	DE000CF3AL28	NKOYJ3.701TL OPENC	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CD63U29	NKOYJ3.727TL OPENZ	EUR	1,4400	1,4400	1,4350	936,0000	1	1,4350	650				
Certificate	DE000CV4ZUS9	NKOYJ4.028TL OPENZ	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	NL0012984298	NKOYJ4.086BL OPENB	EUR											
Certificate	DE000CJ3N8L3	NKOYJ4.323TL OPENZ	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	NL0012977631	NKOYJ4.338BL OPENB	EUR	0,8200	0,8250	0,8200	246,0000	1	0,8250	300				
Certificate	NL0013017593	NKOYJ4.589BL OPENB	EUR											
Certificate	DE000CJ3PQX6	NKOYJ4.668TL OPENZ	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	NL0013156748	NKOYJ5.009BS OPENB	EUR											
Certificate	NL0012977862	NKOYJ5.506BS OPENB	EUR											
Certificate	DE000CV87SN9	NKOYJ5.692TS OPENZ	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	NL0013147556	NKOYJ6.006BS OPENB	EUR											
Certificate	DE000CV89911	NKOYJ6.187TS OPENZ	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	NL0011086947	NNGRP 19TL OPENB	EUR	16,9750	17,0650	16,9750			17,0650					
Certificate	DE000CY16L49	NNGRP 25TL OPENC	EUR	12,2600	12,2600	12,2600			12,2600					
Certificate	DE000CY51782	NNGRP 28TL OPENC	EUR	8,5000	8,5000	8,5000			8,5000					
Certificate	DE000CY514S1	NNGRP 28TL OPENC	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	DE000CY520Y6	NNGRP 29TL OPENC	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000CY51790	NNGRP 30TL OPENC	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	DE000CY514T9	NNGRP 30TL OPENC	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	DE000CY520Z3	NNGRP 31TL OPENC	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000CY522P0	NNGRP 31TL OPENC	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	DE000CY517A2	NNGRP 32TL OPENC	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000CY51AY4	NNGRP 32TL OPENC	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	NL0012517734	NNGRP 32TL OPENH	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CY51CQ6	NNGRP 33TL OPENC	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	DE000CY52103	NNGRP 33TL OPENC	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000CP06KP3	NNGRP 34TL OPENC	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CY51H74	NNGRP 34TL OPENC	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000CY51KH8	NNGRP 34TL OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CP23QZ4	NNGRP 34TL OPENC	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CQ5BPR6	NNGRP 35TL OPENC	EUR											
Certificate	DE000CP062Q6	NNGRP 35TL OPENC	EUR											
Certificate	DE000CP060T4	NNGRP 35TL OPENC	EUR											
Certificate	DE000CQ5ATE8	NNGRP 35TL OPENC	EUR											
Certificate	DE000CQ5AHU9	NNGRP 35TL OPENC	EUR											
Certificate	DE000CQ5AQ36	NNGRP 36TL OPENC	EUR											
Certificate	DE000CP06KV1	NNGRP 36TL OPENC	EUR											
Certificate	DE000CP23R03	NNGRP 38TS OPENC	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	DE000CP23P21	NNGRP 38TS OPENC	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	NL0012648430	NNGRP 40BOC0619Z	EUR	37,0500	37,0500	37,0500			37,0500					
Certificate	DE000CP06U74	NNGRP 40TS OPENC	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	NL0012649107	NNGRP 42BOC0619Z	EUR	38,4400	38,4400	38,4400			38,4400					
Certificate	DE000CY52C03	NNGRP 43TS OPENC	EUR	7,4900	7,4900	7,4900			7,4900					



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	DE000CV52R55	NNGRP 44TS OPENC	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	DE000C0583N7	NNGRP 44TS OPENC	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	DE000CP064Z3	NNGRP 45TS OPENC	EUR	11,8300	11,8300	11,8300			11,8300					
Certificate	DE000C05ATF5	NNGRP 45TS OPENC	EUR	9,8300	9,8300	9,8300			9,8300					
Certificate	DE000C05AX52	NNGRP 46TS OPENC	EUR	9,8900	9,8900	9,8900			9,8900					
Certificate	NL0011971254	NNGRP 22.8TL OPENH	EUR	1,3900	1,4000	1,3900			1,4000					
Certificate	DE000CV16HR6	NNGRP 27.5TL OPENC	EUR	9,7100	9,7100	9,7100			9,7100					
Certificate	NL0012330658	NNGRP 27.9TL OPENH	EUR	0,9300	0,9400	0,9300			0,9400					
Certificate	DE000CF6D7T2	NNGRP 30.4TL OPENZ	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012276653	NNGRP 30.98L OPENB	EUR	3,9950	4,0850	3,9950			4,0850					
Certificate	NL0012889976	NNGRP 36.4TL OPENH	EUR											
Certificate	NL0012795751	NNGRP 40.5BOC0919Z	EUR	34,5100	34,5100	34,5100			34,5100					
Certificate	NL0013000508	NNGRP 43.9BS OPENB	EUR	9,4950	9,4950	9,3950			9,3950					
Certificate	NL0011228390	NNGRP13.64TL OPENH	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0011228382	NNGRP15.77TL OPENH	EUR	2,0300	2,0400	2,0300			2,0400					
Certificate	NL0011904743	NNGRP16.86TL OPENB	EUR	18,9650	19,0550	18,9650			19,0550					
Certificate	NL0011228374	NNGRP17.89TL OPENH	EUR	1,8400	1,8500	1,8400			1,8500					
Certificate	NL0011228366	NNGRP18.95TL OPENH	EUR	1,7400	1,7500	1,7400			1,7500					
Certificate	NL0011926969	NNGRP19.76TL OPENH	EUR	1,6700	1,6800	1,6700			1,6800					
Certificate	DE000CR4HHV4	NNGRP19.88TL OPENZ	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	NL0011907548	NNGRP20.428L OPENB	EUR	14,4450	14,5350	14,4450			14,5350					
Certificate	NL0011934807	NNGRP20.76TL OPENH	EUR	1,5800	1,5900	1,5800			1,5900					
Certificate	DE000CD625G5	NNGRP21.44TL OPENZ	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	NL0011971262	NNGRP22.27TL OPENH	EUR	1,4400	1,4500	1,4400			1,4500					
Certificate	NL0011918453	NNGRP22.548L OPENB	EUR	12,3550	12,4450	12,3550			12,4450					
Certificate	DE000CD62QM6	NNGRP22.95TL OPENZ	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	NL0011919253	NNGRP23.13TL OPENB	EUR	13,1250	13,2150	13,1250			13,2150					
Certificate	NL0011971783	NNGRP23.32TL OPENH	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	NL0012030563	NNGRP24.14TL OPENB	EUR	12,1950	12,2850	12,1950			12,2850					
Certificate	NL0011994132	NNGRP24.34TL OPENH	EUR	1,2500	1,2600	1,2500			1,2600					
Certificate	DE000CD62557	NNGRP24.44TL OPENZ	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	NL0012029698	NNGRP24.668L OPENB	EUR	10,2450	10,3350	10,2450			10,3350					
Certificate	NL0011994124	NNGRP24.85TL OPENH	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	NL0012030571	NNGRP25.16TL OPENB	EUR	11,2350	11,3250	11,2350			11,3250					
Certificate	NL0011994116	NNGRP25.38TL OPENH	EUR	1,1600	1,1700	1,1600			1,1700					
Certificate	NL0012033633	NNGRP25.718L OPENB	EUR	9,1850	9,2750	9,1850			9,2750					
Certificate	NL0011994108	NNGRP25.89TL OPENH	EUR	1,1100	1,1200	1,1100			1,1200					
Certificate	NL0012259634	NNGRP26.19TL OPENB	EUR	10,2750	10,3650	10,2750			10,3650					
Certificate	DE000CD63PY1	NNGRP26.42TL OPENZ	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	NL0012258958	NNGRP26.768L OPENB	EUR	8,1450	8,2350	8,1450			8,2350					
Certificate	NL0012259642	NNGRP27.22TL OPENB	EUR	9,3150	9,4050	9,3150			9,4050					
Certificate	DE000CF6CHX1	NNGRP28.43TL OPENZ	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0012275135	NNGRP28.838L OPENB	EUR	6,0750	6,1650	6,0750			6,1650					
Certificate	NL0012276000	NNGRP29.23TL OPENB	EUR	7,4350	7,5250	7,4350			7,5250					
Certificate	NL0012365423	NNGRP29.96TL OPENH	EUR	0,7400	0,7500	0,7400			0,7500					
Certificate	NL0012438295	NNGRP30.99TL OPENH	EUR	0,6500	0,6600	0,6500			0,6600					
Certificate	NL0012277685	NNGRP31.28TL OPENB	EUR	5,5350	5,6250	5,5350			5,6250					
Certificate	NL0012494249	NNGRP31.938L OPENB	EUR	2,9650	3,0550	2,9650			3,0550					
Certificate	DE000CF6E275	NNGRP32.39TL OPENZ	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	NL0012497168	NNGRP32.968L OPENB	EUR	1,9350	2,0250	1,7900	232,7000	1	2,0250	130				
Certificate	NL0012522403	NNGRP32.99TL OPENH	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	NL0012689327	NNGRP33.31TL OPENB	EUR	3,6450	3,7350	3,6450			3,7350					
Certificate	LU1612062452	NNGRP33.66TCIOPENS	EUR	1,9500	2,0500	1,9500			2,0500					
Certificate	NL0012979694	NNGRP34.078L OPENB	EUR	0,8250	0,9150	0,8250			0,9150					
Certificate	LU1650877472	NNGRP34.33TCIOPENS	EUR	1,3900	1,5000	1,3900			1,5000					
Certificate	DE000CV89XX4	NNGRP34.37TL OPENZ	EUR	0,0850	0,0850	0,0850			0,0850					
Certificate	NL0012929111	NNGRP34.66TL OPENH	EUR											
Certificate	NL0012981310	NNGRP35.078L OPENB	EUR											
Certificate	LU1790500489	NNGRP35.16TCIOPENS	EUR											
Certificate	NL0012982409	NNGRP35.43TL OPENB	EUR											
Certificate	NL0012991038	NNGRP36.088L OPENB	EUR											
Certificate	LU1817218123	NNGRP36.14TCIOPENS	EUR											
Certificate	LU1790692021	NNGRP36.15TCIOPENS	EUR											
Certificate	DE000CJ3NJV0	NNGRP36.34TL OPENZ	EUR											
Certificate	NL0013162670	NNGRP37.58TS OPENB	EUR	5,9750	5,9750	5,8750			5,8750					
Certificate	NL0013163363	NNGRP37.958S OPENB	EUR	3,5550	3,5550	3,4550			3,4550					
Certificate	NL0012780142	NNGRP39.958S OPENB	EUR	5,5450	5,5450	5,4450			5,4450					
Certificate	DE000CF6F5G7	NNGRP40.38TS OPENZ	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	NL0012692784	NNGRP40.58TS OPENB	EUR	9,1750	9,1750	9,0750			9,0750					
Certificate	NL0012900799	NNGRP40.65TS OPENH	EUR	1,0500	1,0600	1,0500			1,0600					
Certificate	NL0012369847	NNGRP40.87TS OPENH	EUR	1,0800	1,0900	1,0800			1,0900					
Certificate	NL0012374235	NNGRP40.93TS OPENH	EUR	1,0800	1,1000	1,0800			1,1000					



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	LU1840349051	NNGRP40.97TPIOPENS	EUR	6,3800	6,3800	6,2800			6,2800					
Certificate	NL0012849442	NNGRP41.04TS OPENH	EUR	1,1000	1,1100	1,1000			1,1100					
Certificate	NL0012610216	NNGRP41.06TS OPENH	EUR	1,1000	1,1100	1,1000			1,1100					
Certificate	LU1859714732	NNGRP41.54TPIOPENS	EUR	7,0400	7,0400	6,9500			6,9500					
Certificate	NL0012783062	NNGRP41.91BS OPENB	EUR	7,5050	7,5050	7,4050			7,4050					
Certificate	NL0012786115	NNGRP43.59TS OPENB	EUR	12,4050	12,4050	12,3050			12,3050					
Certificate	NL0012615629	NNGRP43.98TS OPENH	EUR	1,4200	1,4300	1,4200			1,4300					
Certificate	NL0012606735	NNGRP43.99TS OPENH	EUR	1,4200	1,4400	1,4200			1,4400					
Certificate	NL0012545677	NNGRP45.31TS OPENH	EUR	1,5700	1,5800	1,5700			1,5800					
Certificate	DE000CV88AM7	NNGRP45.36TS OPENZ	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000CJ3NSC1	NNGRP49.86TS OPENZ	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000CXKLB2	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	DE000CJ3QX10	NORSK25.69TL OPENZ	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000CNGYB6	NORSK31.69TL OPENZ	EUR	0,8450	0,8500	0,8450			0,8500					
Certificate	DE000CD63RE9	NORSK37.93TL OPENZ	EUR	0,2250	0,2250	0,2200			0,2200					
Certificate	DE000CV8A5F6	NOVAR102.3TS OPENZ	EUR	2,9750	2,9750	2,8700			2,8700					
Certificate	DE000CJ3PF05	NOVAR112.4TS OPENZ	EUR	4,7550	4,7550	4,6500			4,6500					
Certificate	DE000CD63HV4	NOVAR53.36TL OPENZ	EUR	5,8500	5,9500	5,8500			5,9500					
Certificate	DE000CNGJ869	NOVAR59.37TL OPENZ	EUR	4,7650	4,8600	4,7650	3630,0000	1	4,8600	750				
Certificate	DE000CNG6LB9	NOVAR65.46TL OPENZ	EUR	3,6850	3,7800	3,6850			3,7800					
Certificate	DE000CE6BM83	NOVAR72.33TL OPENZ	EUR	2,4850	2,5800	2,4850			2,5800					
Certificate	DE000CV8A5E9	NOVAR77.28TL OPENZ	EUR	1,6150	1,7100	1,6150			1,7100					
Certificate	DE000CJ3PF24	NOVAR83.25TL OPENZ	EUR	0,5650	0,6600	0,5650			0,6600					
Certificate	XS1605325999	NOVON 5TN0827K	EUR											
Certificate	NL0012240204	NOVON 252.TL OPENH	EUR	9,9000	9,9000	9,3100			9,3100					
Certificate	DE000CJ3P4M8	NOVON 276.TL OPENZ	EUR	0,3700	0,3700	0,3150			0,3150					
Certificate	NL0012608582	NOVON 296.TS OPENH	EUR											
Certificate	NL0012094098	NOVON150.5TL OPENH	EUR	22,2500	22,2500	21,6700			21,6700					
Certificate	NL0011989132	NOVON171.8TL OPENH	EUR	19,6600	19,6600	19,0800			19,0800					
Certificate	NL0011997358	NOVON190.8TL OPENH	EUR	17,3500	17,3500	16,7700			16,7700					
Certificate	NL0011997341	NOVON201.1TL OPENH	EUR	16,0900	16,0900	15,5100			15,5100					
Certificate	DE000CE6CBD6	NOVON205.4TL OPENZ	EUR	1,3100	1,3100	1,2550			1,2550					
Certificate	NL0011997770	NOVON206.3TL OPENH	EUR	15,4600	15,4600	14,8800			14,8800					
Certificate	NL0011997929	NOVON211.4TL OPENH	EUR	14,8400	14,8400	14,2500			14,2500					
Certificate	NL0011998018	NOVON216.6TL OPENH	EUR	14,2100	14,2100	13,6300			13,6300					
Certificate	NL0012201354	NOVON221.6TL OPENH	EUR	13,6000	13,6000	13,0200			13,0200					
Certificate	DE000CE6CBV8	NOVON227.4TL OPENZ	EUR	1,0100	1,0100	0,9650			0,9650					
Certificate	NL0012208847	NOVON231.8TL OPENH	EUR	12,3600	12,3600	11,7800			11,7800					
Certificate	NL0012210678	NOVON241.9TL OPENH	EUR	11,1200	11,1200	10,5400			10,5400					
Certificate	DE000CE6CMD3	NOVON251.1TL OPENZ	EUR	0,7000	0,7000	0,6450			0,6450					
Certificate	NL0012431613	NOVON257.2TL OPENH	EUR	9,2600	9,2600	8,6700			8,6700					
Certificate	NL0012431605	NOVON262.3TL OPENH	EUR	8,6300	8,6300	8,0500			8,0500					
Certificate	NL0013131287	NOVON275.6TL OPENH	EUR	7,0100	7,0100	6,4300			6,4300					
Certificate	NL0013185408	NOVON290.4TL OPENH	EUR	5,2100	5,2100	4,6300			4,6300					
Certificate	NL0012901151	NOVON311.9TS OPENH	EUR	5,8700	6,6100	5,8700			6,6100					
Certificate	NL0012934236	NOVON320.1TS OPENH	EUR	7,1000	7,8400	7,1000			7,8400					
Certificate	NL0012562151	NOVON326.9TS OPENH	EUR	8,1000	8,8500	8,1000			8,8500					
Certificate	NL0012931257	NOVON334.8TS OPENH	EUR	9,2700	10,0200	9,2700			10,0200					
Certificate	NL0012583637	NOVON342.5TS OPENH	EUR	10,4300	11,1800	10,4300			11,1800					
Certificate	NL0012601868	NOVON342.7TS OPENH	EUR	10,4500	11,2000	10,4500			11,2000					
Certificate	NL0012598593	NOVON343.3TS OPENH	EUR	10,5500	11,2900	10,5500			11,2900					
Certificate	NL0012846687	NOVON343.4TS OPENH	EUR	10,5600	11,3100	10,5600			11,3100					
Certificate	NL0011933973	NOVON343.8TS OPENH	EUR	10,6300	11,3700	10,6300			11,3700					
Certificate	NL0012545685	NOVON354.2TS OPENH	EUR	12,1700	12,9100	12,1700			12,9100					
Certificate	NL0011407184	NOVON357.9TS OPENH	EUR	12,7100	13,4600	12,7100			13,4600					
Certificate	NL0012556153	NOVON375.5TS OPENH	EUR	15,3400	16,0800	15,3400			16,0800					
Certificate	NL0012583629	NOVON376.9TS OPENH	EUR	15,5400	16,2900	15,5400			16,2900					
Certificate	NL0012536718	NOVON382.8TS OPENH	EUR	16,4200	17,1700	16,4200			17,1700					
Certificate	NL0012523922	NOVON383.4TS OPENH	EUR	16,5200	17,2600	16,5200			17,2600					
Certificate	NL0012556146	NOVON404.9TS OPENH	EUR	19,7000	20,4500	19,7000			20,4500					
Certificate	NL0012583611	NOVON406.3TS OPENH	EUR	19,9200	20,6700	19,9200			20,6700					
Certificate	NL0012556138	NOVON424.5TS OPENH	EUR	22,6200	23,3700	22,6200			23,3700					
Certificate	DE000CV421C7	NSTec 30.7TL OPENZ	EUR	6,1050	6,1050	6,1050			6,1050					
Certificate	DE000CE6CQR4	NSTec20.43TL OPENZ	EUR	1,9600	1,9600	1,9500	392,0000	1	1,9500	200				
Certificate	DE000CE6CQO6	NSTec22.95TL OPENZ	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CE6CNU5	NSTec25.45TL OPENZ	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CE6CNT7	NSTec28.03TL OPENZ	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000CV8B2W7	NSTec32.85TL OPENZ	EUR	4,1150	4,1150	4,1150			4,1150					
Certificate	NL001043446	NFTLX 39TL OPENB	EUR	144,6600	144,6600	144,6600			144,6600					



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	NL0010516274	NTFLX 45TL OPENB	EUR	141,2900	141,2900	141,2900			141,2900					
Certificate	DE000CY50RN3	NTFLX 160TL OPENC	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	DE000CY51DM3	NTFLX 170TL OPENC	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	DE000CY52AQ8	NTFLX 180TL OPENC	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	DE000CY52PG7	NTFLX 200TL OPENC	EUR	5,4000	5,4000	5,1300	2700,0000	1	5,1300	500				
Certificate	DE000CJ3QFP3	NTFLX 210TL 0319Z	EUR	2,7350	2,7350	2,6950			2,6950					
Certificate	DE000VA9C449	NTFLX 218TL OPENV	EUR	5,3550	5,3550	5,3550			5,3550					
Certificate	DE000CY52PB8	NTFLX 220TL OPENC	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	DE000CY52Z97	NTFLX 220TL OPENC	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	DE000CJ3QH3	NTFLX 225TL 0319Z	EUR	2,0850	2,0850	2,0350			2,0350					
Certificate	DE000CY52PH5	NTFLX 225TL OPENC	EUR	2,8700	3,3400	2,8000	1639,8200	2	2,8000	498				
Certificate	DE000VA9C472	NTFLX 228TL OPENV	EUR	4,5150	4,5150	4,5150			4,5150					
Certificate	DE000CY52PC6	NTFLX 235TL OPENC	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000CJ3P8N7	NTFLX 240TL 0319Z	EUR	1,4250	1,4250	1,3750			1,3750					
Certificate	DE000CQ5A9F1	NTFLX 240TL OPENC	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000CJ3QNP7	NTFLX 255TL 0319Z	EUR	0,7850	0,7850	0,7250			0,7250					
Certificate	DE000CP238W0	NTFLX 260TL OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CP23K75	NTFLX 260TL OPENC	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000CJ3QQ50	NTFLX 275TL 0319Z	EUR											
Certificate	DE000CP233G4	NTFLX 300TS OPENC	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000CP236E2	NTFLX 300TS OPENC	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	NL0013153836	NTFLX 303TS OPENB	EUR	6,9650	6,9650	6,9650			6,9650					
Certificate	DE000CP236F9	NTFLX 310TS OPENC	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000CP233H2	NTFLX 320TS OPENC	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	DE000CP23RK4	NTFLX 320TS OPENC	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	DE000VA5RKT4	NTFLX 325TL OPENV	EUR											
Certificate	DE000CQ5BJG2	NTFLX 380TL OPENC	EUR											
Certificate	DE000CQ5BLQ7	NTFLX 380TL OPENC	EUR											
Certificate	DE000CQ5BAS6	NTFLX 400TS OPENC	EUR											
Certificate	DE000CP06362	NTFLX 400TS OPENC	EUR	14,3800	14,3800	14,3800			14,3800					
Certificate	DE000CQ5B1P6	NTFLX 400TS OPENC	EUR											
Certificate	DE000CQ5BQ76	NTFLX 400TS OPENC	EUR	11,5400	11,5400	11,5400			11,5400					
Certificate	DE000CQ5BE76	NTFLX 410TS OPENC	EUR											
Certificate	DE000CQ5BJH0	NTFLX 420TS OPENC	EUR											
Certificate	DE000CP06370	NTFLX 420TS OPENC	EUR	16,2800	16,2800	16,2800			16,2800					
Certificate	DE000CQ5BQ84	NTFLX 420TS OPENC	EUR	13,3000	13,3000	13,3000			13,3000					
Certificate	DE000VA4YWE0	NTFLX 427TS OPENV	EUR	15,9550	15,9550	15,9550			15,9550					
Certificate	DE000CQ5BLS3	NTFLX 450TS OPENC	EUR	15,8900	15,8900	15,8900			15,8900					
Certificate	DE000CQ5BJJ6	NTFLX 450TS OPENC	EUR											
Certificate	DE000CQ5BNK6	NTFLX 480TS OPENC	EUR											
Certificate	DE000VA9CZ66	NTFLX 301.TS OPENV	EUR	4,4050	4,4050	4,4050			4,4050					
Certificate	DE000VA9CW10	NTFLX 311.TS OPENV	EUR	5,3350	5,3350	5,3350			5,3350					
Certificate	DE000VA9CW28	NTFLX 321.TS OPENV	EUR	6,2650	6,2650	6,2650			6,2650					
Certificate	DE000VA9CW36	NTFLX 331.TS OPENV	EUR	7,1950	7,1950	7,1950			7,1950					
Certificate	DE000VA5EN70	NTFLX 392.TS OPENV	EUR	12,7250	12,7250	12,7250			12,7250					
Certificate	DE000VA5EN88	NTFLX 397.TS OPENV	EUR	13,1850	13,1850	13,1850			13,1850					
Certificate	DE000VA5EN96	NTFLX 402.TS OPENV	EUR	13,6550	13,6550	13,6550			13,6550					
Certificate	DE000VA5EPA1	NTFLX 407.TS OPENV	EUR	14,1150	14,1150	14,1150			14,1150					
Certificate	DE000VA5RPJ4	NTFLX 412.TS OPENV	EUR	14,6150	14,6150	14,6150			14,6150					
Certificate	DE000VA5RPL0	NTFLX 417.TS OPENV	EUR	15,0750	15,0750	15,0750			15,0750					
Certificate	DE000VA5RQV7	NTFLX 432.TS OPENV	EUR	16,4650	16,4650	16,4650			16,4650					
Certificate	NL0010913513	NTFLX 48.1TL OPENB	EUR	139,2300	139,2300	139,2300			139,2300					
Certificate	NL0011092440	NTFLX 82.1TL OPENB	EUR	120,4400	120,4400	120,4400			120,4400					
Certificate	NL0011247630	NTFLX 86.1TL OPENB	EUR	118,2300	118,2300	118,2300			118,2300					
Certificate	NL0011915574	NTFLX102.4BL OPENB	EUR	14,7100	14,7100	14,7100			14,7100					
Certificate	NL0012020796	NTFLX104.5TL OPENB	EUR	15,4300	15,4300	15,4300			15,4300					
Certificate	NL0011741186	NTFLX154.9TS OPENH	EUR											
Certificate	DE000CJ3PSW4	NTFLX181.3TL OPENZ	EUR	3,8950	3,8950	3,8650			3,8650					
Certificate	DE000VA9C340	NTFLX204.3TL OPENV	EUR	5,6950	5,6950	5,6950			5,6950					
Certificate	DE000VA90VK7	NTFLX207.7TL OPENV	EUR	6,2350	6,2350	6,2350			6,2350					
Certificate	DE000CV8AHQ4	NTFLX216.4TL OPENZ	EUR	2,3650	2,3650	2,3250			2,3250					
Certificate	DE000VA9CZB4	NTFLX224.1TL OPENV	EUR	3,9250	3,9250	3,9250			3,9250					
Certificate	DE000VA9CZD0	NTFLX234.1TL OPENV	EUR	3,0350	3,0350	3,0350			3,0350					
Certificate	DE000CJ3PSX2	NTFLX237.3TL OPENZ	EUR	1,4650	1,4650	1,4150			1,4150					
Certificate	DE000VA8FZ07	NTFLX243.8TL OPENV	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	DE000VA8F584	NTFLX247.6TL OPENV	EUR	2,7850	2,7850	2,7850			2,7850					
Certificate	DE000CJ3QGZ0	NTFLX252.2TL OPENZ	EUR	0,8350	0,8350	0,7850			0,7850					
Certificate	DE000VA90X07	NTFLX255.1TL OPENV	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	DE000VA90YA2	NTFLX257.7TL OPENV	EUR	2,2550	2,2550	2,2550			2,2550					
Certificate	DE000VA90YX4	NTFLX265.1TL OPENV	EUR											
Certificate	DE000CJ3QNM4	NTFLX267.1TL OPENZ	EUR											
Certificate	DE000VA90Y97	NTFLX267.7TL 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	DE000VN9HCR3	NTFLX267.9TL OPENV	EUR											
Certificate	DE000VN9HEX7	NTFLX270.2TS OPENV	EUR											
Certificate	DE000VN9HFD6	NTFLX270.8TS OPENV	EUR											
Certificate	DE000VA90YY2	NTFLX275.1TL OPENV	EUR											
Certificate	DE000VN9HCF8	NTFLX275.4TL OPENV	EUR											
Certificate	NL0013164981	NTFLX275.9BS OPENB	EUR	0,8650	0,8650	0,8650				0,8650				
Certificate	DE000VA90ZA9	NTFLX277.7TL OPENV	EUR											
Certificate	DE000VN9HEY5	NTFLX280.2TS OPENV	EUR	1,5450	1,5450	1,5450				1,5450				
Certificate	DE000VN9G9V5	NTFLX280.3TS OPENV	EUR											
Certificate	DE000VN9G916	NTFLX280.8TS OPENV	EUR											
Certificate	DE000VN9HFF1	NTFLX280.8TS OPENV	EUR	2,7050	2,7050	2,7050				2,7050				
Certificate	DE000VA901H8	NTFLX287.9TL OPENV	EUR											
Certificate	NL0013162662	NTFLX288.5TS OPENB	EUR	5,4850	5,4850	5,4850				5,4850				
Certificate	NL0013164999	NTFLX289.7BS OPENB	EUR	2,0850	2,0850	2,0850				2,0850				
Certificate	DE000VN9G7H8	NTFLX290.3TS OPENV	EUR	2,1250	2,1250	2,1250				2,1250				
Certificate	DE000VN9G759	NTFLX290.8TS OPENV	EUR	3,4850	3,4850	3,4850				3,4850				
Certificate	DE000CJ3QV38	NTFLX293.4TS OPENZ	EUR	1,1450	1,2050	1,1450				1,2050				
Certificate	DE000VA9CY75	NTFLX300.5TS OPENV	EUR	3,0050	3,0050	3,0050				3,0050				
Certificate	NL0013152291	NTFLX304.1BS OPENB	EUR	3,3650	3,3650	3,3650				3,3650				
Certificate	DE000CV89A96	NTFLX304.6TL OPENZ	EUR											
Certificate	DE000VA9CY91	NTFLX310.5TS OPENV	EUR	3,8300	3,8850	3,1650	107,7000		3	3,8850	30			
Certificate	NL0013152028	NTFLX318.3TS OPENB	EUR	8,5050	8,5050	8,5050				8,5050				
Certificate	NL0013151665	NTFLX319.3BS OPENB	EUR	4,7150	4,7150	4,7150				4,7150				
Certificate	DE000VA9CWA3	NTFLX320.5TS OPENV	EUR	4,7650	4,7650	4,7650				4,7650				
Certificate	DE000CJ3QA41	NTFLX323.4TS OPENZ	EUR	2,4350	2,5050	2,4350				2,5050				
Certificate	DE000VA9CWC9	NTFLX330.5TS OPENV	EUR	5,6550	5,6550	5,6550				5,6550				
Certificate	NL0013017320	NTFLX334.3TS OPENB	EUR	10,1250	10,1250	10,1250				10,1250				
Certificate	NL0013016694	NTFLX335.3BS OPENB	EUR	5,4000	6,1250	5,4000	54,0000		1	6,1250	10			
Certificate	DE000VA8FT05	NTFLX340.7TS OPENV	EUR	6,5350	6,5350	6,5350				6,5350				
Certificate	DE000VA8FUE4	NTFLX341.1TS OPENV	EUR	8,1150	8,1150	8,1150				8,1150				
Certificate	DE000VA8FSU4	NTFLX350.7TS OPENV	EUR	7,4150	7,4150	7,4150				7,4150				
Certificate	NL0013014566	NTFLX351.1TS OPENB	EUR	11,8250	11,8250	11,8250				11,8250				
Certificate	DE000VA8FS14	NTFLX351.1TS OPENV	EUR	9,0350	9,0350	9,0350				9,0350				
Certificate	NL0012772867	NTFLX351.5TS OPENB	EUR											
Certificate	NL0013014418	NTFLX352.1BS OPENB	EUR	7,6150	7,6150	7,6150				7,6150				
Certificate	NL0012772685	NTFLX353.6BS OPENB	EUR											
Certificate	DE000CJ3PG87	NTFLX358.4TS OPENZ	EUR	3,9650	4,0450	3,9650				4,0450				
Certificate	DE000VA711L3	NTFLX360.7TS OPENV	EUR	8,2950	8,2950	8,2950				8,2950				
Certificate	DE000VA8FR23	NTFLX361.1TS OPENV	EUR	9,9650	9,9650	9,9650				9,9650				
Certificate	NL0013013873	NTFLX369.7BS OPENB	EUR	9,1650	9,1650	9,1650				9,1650				
Certificate	DE000VA8FRT8	NTFLX370.7TS OPENV	EUR	9,1850	9,1850	9,1850				9,1850				
Certificate	DE000VA710N1	NTFLX371.1TS OPENV	EUR	10,8950	10,8950	10,8950				10,8950				
Certificate	DE000VA8FRU6	NTFLX380.7TS OPENV	EUR	10,0650	10,0650	10,0650				10,0650				
Certificate	DE000VA7PV89	NTFLX381.1TS OPENV	EUR	11,8050	11,8050	11,8050				11,8050				
Certificate	NL0012982201	NTFLX388.2BS OPENB	EUR	10,8050	10,8050	10,8050				10,8050				
Certificate	DE000VA5ENT6	NTFLX391.9TS OPENV	EUR	10,9450	10,9450	10,9450				10,9450				
Certificate	DE000VA5ENV2	NTFLX396.9TS OPENV	EUR	11,3850	11,3850	11,3850				11,3850				
Certificate	DE000CV8A7J4	NTFLX398.5TS OPENZ	EUR	5,7300	5,8100	5,7300				5,8100				
Certificate	DE000VA5ENW0	NTFLX401.9TS OPENV	EUR	11,8250	11,8250	11,8250				11,8250				
Certificate	NL0012980643	NTFLX407.6BS OPENB	EUR	12,4950	12,4950	12,4950				12,4950				
Certificate	NL0012971949	NTFLX427.1TS OPENB	EUR	19,5050	19,5050	19,5050				19,5050				
Certificate	NL0012972236	NTFLX427.9BS OPENB	EUR	14,2950	14,2950	14,2950				14,2950				
Certificate	NL0012973838	NTFLX449.3BS OPENB	EUR	16,1950	16,1950	16,1950				16,1950				
Certificate	DE000CV89GT7	NTFLX499.4TS OPENZ	EUR	10,1700	10,2700	10,1700				10,2700				
Certificate	NL0011910500	NTFLX84.26BL OPENB	EUR	16,3100	16,3100	16,3100				16,3100				
Certificate	DE000CR9SF41	NTFLX95.25TL OPENZ	EUR	15,8800	15,8800	15,8500				15,8500				
Certificate	DE000CN6GJ84	NTR 37.77TL OPENZ	EUR	0,7900	0,7900	0,7600				0,7600				
Certificate	DE000CE6DY29	NTR 42.89TL OPENZ	EUR	0,4300	0,4300	0,4000				0,4000				
Certificate	NL0012018964	NVDA 67TL OPENB	EUR	78,0700	78,0700	78,0700				78,0700				
Certificate	NL0013165012	NVDA 160BS OPENB	EUR	0,5150	0,5150	0,5150				0,5150				
Certificate	NL0013163389	NVDA 168BS OPENB	EUR	0,8650	0,8650	0,8650				0,8650				
Certificate	NL0013160757	NVDA 235TS OPENB	EUR	4,9450	4,9450	4,9450				4,9450				
Certificate	NL0013155534	NVDA 160.BS OPENB	EUR											
Certificate	NL0013004039	NVDA 317.BS OPENB	EUR	148,6850	148,6850	148,6850				148,6850				
Certificate	NL0012037444	NVDA 89.7TL OPENB	EUR	59,8100	59,8100	59,8100				59,8100				
Certificate	NL0013165004	NVDA 152.4BS OPENB	EUR											
Certificate	NL0013156755	NVDA 152.6BS OPENB	EUR											
Certificate	NL0013162688	NVDA 163.2TS OPENB	EUR	1,4150	1,4150	1,4150				1,4150				
Certificate	NL0013154396	NVDA 176.4BS OPENB	EUR	24,3850	24,3850	24,3850				24,3850				
Certificate	NL0013154404	NVDA 194.5BS OPENB	EUR	40,4050	40,4050	40,4050				40,4050				
Certificate	NL0013154644	NVDA 195.9TS OPENB	EUR	60,5850	60,5850	60,5850				60,5850				
Certificate	NL0013154016	NVDA 214.5BS OPENB	EUR	58,0550	58,0550	58,0550				58,0550				



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	NL0013016710	NVDA 225.28S OPENB	EUR	67,5450	67,5450	67,5450			67,5450					
Certificate	NL0013009020	NVDA 260.78S OPENB	EUR	98,9550	98,9550	98,9550			98,9550					
Certificate	NL0013005218	NVDA 287.58S OPENB	EUR	122,6050	122,6050	122,6050			122,6050					
Certificate	NL0012992333	NVDA 301.98S OPENB	EUR	135,3250	135,3250	135,3250			135,3250					
Certificate	NL0012016869	NVDA 65.72BL OPENB	EUR	74,2400	74,2400	74,2400			74,2400					
Certificate	NL0012024525	NVDA 69.09BL OPENB	EUR	71,2600	71,2600	71,2600			71,2600					
Certificate	NL0012032270	NVDA 80.22BL OPENB	EUR	61,4200	61,4200	61,4200			61,4200					
Certificate	NL0012032296	NVDA 88.58BL OPENB	EUR	54,0200	54,0200	54,0200			54,0200					
Certificate	NL0013018070	NXPI 59.4TL OPENB	EUR	2,1950	2,1950	2,1950			2,1950					
Certificate	NL0013009731	NXPI 64.4TL OPENB	EUR	1,7850	1,7850	1,7850			1,7850					
Certificate	NL0013005457	NXPI 69.4TL OPENB	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	NL0013148471	NXPI 74.3TL OPENB	EUR											
Certificate	NL0013148489	NXPI 79.3TL OPENB	EUR											
Certificate	DE000CJ3QR88	NXPI 81.5TL OPENZ	EUR											
Certificate	NL0013005622	NXPI 87.5TS OPENB	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	NL0013001977	NXPI 97.5TS OPENB	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	NL0013160963	NXPI 105.6BS OPENB	EUR	2,5450	2,5450	2,5450			2,5450					
Certificate	NL0013001985	NXPI 107.5TS OPENB	EUR	3,5950	3,5950	3,5950			3,5950					
Certificate	DE000CJ3PBJ7	NXPI 54.57TL OPENZ	EUR	1,9050	2,1750	1,9050			2,1750					
Certificate	NL0013146509	NXPI 61.28BL OPENB	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	DE000CJ3PBK5	NXPI 63.61TL OPENZ	EUR	1,1150	1,3750	1,1150			1,3750					
Certificate	NL0013007610	NXPI 66.31BL OPENB	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	NL0013147366	NXPI 71.31BL OPENB	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	DE000CJ3PT82	NXPI 71.58TL OPENZ	EUR	0,4350	0,6850	0,4350			0,6850					
Certificate	NL0013147374	NXPI 76.34BL OPENB	EUR											
Certificate	NL0013160914	NXPI 81.29BL OPENB	EUR											
Certificate	NL0013163397	NXPI 85.59BS OPENB	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	NL0013006786	NXPI 95.59BS OPENB	EUR	1,6650	1,6650	1,6650			1,6650					
Certificate	DE000CJ3NSP3	NYRST 3.06TS OPENZ	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	NL0011443965	NYRST11.25TS OPENB	EUR	2,1600	2,1700	2,1600			2,1700					
Certificate	NL0011440763	NYRST13.93TS OPENB	EUR	2,7000	2,7100	2,7000			2,7100					
Certificate	DE000CV87RM3	OAT 161.7S OPENZ	EUR	13,9950	13,9950	13,9950			13,9950					
Certificate	DE000CE6CAH9	OAT 127.6TL OPENZ	EUR	26,0750	26,0750	26,0750			26,0750					
Certificate	DE000CE6CAJ5	OAT 135.5TL OPENZ	EUR	18,2950	18,2950	18,2950			18,2950					
Certificate	DE000CJ3NWW1	OAT 143.7TL OPENZ	EUR	10,3100	10,3100	10,3100			10,3100					
Certificate	DE000CE6CAL1	OAT 151.4TS OPENZ	EUR											
Certificate	NL0012493126	OCI 17TL OPENB	EUR	2,5650	2,9850	2,5650			2,9850					
Certificate	NL0012780332	OCI 18TL OPENB	EUR	1,5850	1,5850	1,3000	301,1000	2	1,3650	230				
Certificate	NL0013158694	OCI 21TS OPENB	EUR	4,4450	4,4450	3,9750			3,9750					
Certificate	NL0013154651	OCI 24TS OPENB	EUR	7,6650	7,6650	7,1950			7,1950					
Certificate	NL0011637327	OCI 9.5TL OPENB	EUR	9,5450	9,9650	9,5450			9,9650					
Certificate	NL0011809793	OCI 10.6TL OPENB	EUR	8,5250	8,9450	8,5250			8,9450					
Certificate	NL0012036057	OCI 13.8TL OPENB	EUR	5,5350	5,9550	5,5350	3506,2500	1	5,9550	625				
Certificate	NL0012100614	OCI 14.9TL OPENB	EUR	4,4950	5,0000	4,4950	3875,0000	2	4,9150	775				
Certificate	NL0012783807	OCI 19.1TL OPENB	EUR											
Certificate	NL0013165475	OCI 19.5TS OPENB	EUR	2,8450	2,8450	2,3750			2,3750					
Certificate	NL0013161136	OCI 20.1TL OPENB	EUR											
Certificate	DE000CJ3QXD2	OCI 20.7TS OPENZ	EUR	2,3100	2,3100	2,2700			2,2700					
Certificate	NL0013154974	OCI 22.5TS OPENB	EUR	6,0450	6,0450	5,5750			5,5750					
Certificate	NL0013153414	OCI 25.5TS OPENB	EUR	9,2750	9,2750	8,8050			8,8050					
Certificate	NL0013015688	OCI 26.9TS OPENB	EUR	10,8450	10,8450	10,3750			10,3750					
Certificate	NL0013013899	OCI 27.8BS OPENB	EUR	9,9250	9,9250	9,4550			9,4550					
Certificate	NL0013013733	OCI 28.4TS OPENB	EUR	12,4650	12,4650	11,9950			11,9950					
Certificate	NL0012986418	OCI 29.9TS OPENB	EUR	14,1150	14,1150	13,6450			13,6450					
Certificate	NL0012796536	OCI 32.5BOC1219Z	EUR											
Certificate	NL0011735576	OCI 10.91TL OPENH	EUR	0,8400	0,8600	0,8400			0,8600					
Certificate	DE000CN6LHQ5	OCI 11.74TL OPENZ	EUR	7,3600	7,4100	7,3600			7,4100					
Certificate	DE000CJ3QTP4	OCI 12.08TL OPENZ	EUR	6,4700	6,5200	6,4700			6,5200					
Certificate	NL0011995469	OCI 12.69TL OPENH	EUR											
Certificate	NL0012032304	OCI 13.03BL OPENB	EUR	5,6550	6,0650	5,6550			6,0650					
Certificate	NL0011997010	OCI 13.16TL OPENH	EUR	0,6300	0,6600	0,6300			0,6600					
Certificate	NL0012049332	OCI 13.65TL OPENH	EUR	0,5900	0,6500	0,5900	325,0000	1	0,6100	500				
Certificate	DE000CD63RU5	OCI 13.82TL OPENZ	EUR	5,3700	5,4200	5,3700			5,4200					
Certificate	DE000CD646B2	OCI 14.59TL OPENZ	EUR	4,0000	4,1900	4,0000	209,3000	2	4,0400	50				
Certificate	DE000CD646L1	OCI 14.86TL OPENZ	EUR	4,3800	4,4200	4,3800			4,4200					
Certificate	NL0012053086	OCI 15.13TL OPENH	EUR	0,4500	0,5200	0,4500	520,6000	3	0,4800	1030				
Certificate	NL0012100952	OCI 15.14BL OPENB	EUR	3,5550	3,9750	3,5550			3,9750					
Certificate	DE000CD64722	OCI 15.59TL OPENZ	EUR	3,0100	3,2200	2,8000	1747,7000	3	3,0500	609				
Certificate	NL0012437743	OCI 15.69TL OPENH	EUR	0,4000	0,4300	0,4000			0,4300					
Certificate	NL0012438311	OCI 16.19TL OPENH	EUR	0,3600	0,3800	0,3600	240,5000	2	0,3800	650				
Certificate	DE000CE6EKG6	OCI 16.59TL OPENZ	EUR	2,0300	2,1500	1,6600	1690,0000	2	2,0800	900				
Certificate	DE000CE6EN55	OCI 16.95TL OPENZ	EUR	2,3900	2,4400	2,3900			2,4400					



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	NL0012439715	OCI 17.02TL OPENH	EUR	0,2800	0,3400	0,2600	820,0000	2	0,3000	3000				
Certificate	NL0013163082	OCI 17.25BL OPENB	EUR	1,4450	1,9000	1,4450	34000,0000	4	1,8650	20000				
Certificate	NL0012439707	OCI 17.53TL OPENH	EUR	0,2400	0,2900	0,2400	1450,0000	2	0,2600	5000				
Certificate	NL0012603690	OCI 18.05TL OPENH	EUR	0,1900	0,1900	0,1900			0,1900					
Certificate	DE000CE6ENR7	OCI 18.09TL OPENZ	EUR	0,5600	0,5600	0,1500	159,5000	3	0,1500	450				
Certificate	NL0013158439	OCI 18.25BL OPENB	EUR											
Certificate	NL0012605992	OCI 18.54TL OPENH	EUR											
Certificate	NL0012608095	OCI 19.04TL OPENH	EUR											
Certificate	DE000CV88FN4	OCI 19.05TL OPENZ	EUR											
Certificate	DE000CV88FS3	OCI 19.07TL OPENZ	EUR											
Certificate	NL0013156003	OCI 19.24BL OPENB	EUR											
Certificate	NL0012615652	OCI 19.55TL OPENH	EUR											
Certificate	NL0013163405	OCI 20.32BS OPENB	EUR	2,4450	2,4450	1,9750			1,9750					
Certificate	NL0013189632	OCI 21.47TS OPENH	EUR	0,5600	0,5600	0,5300			0,5300					
Certificate	NL0013184740	OCI 22.48TS OPENH	EUR	0,6700	0,6700	0,6500			0,6500					
Certificate	NL0013156151	OCI 22.82BS OPENB	EUR	4,9350	4,9350	4,4650			4,4650					
Certificate	DE000CJ3QKC1	OCI 23.19TS OPENZ	EUR	4,7500	4,7500	4,7100			4,7100					
Certificate	NL0013183825	OCI 23.47TS OPENH	EUR	0,7800	0,7800	0,7600			0,7600					
Certificate	NL0013155559	OCI 25.31BS OPENB	EUR	7,4350	7,4350	6,9650			6,9650					
Certificate	NL0013182413	OCI 25.47TS OPENH	EUR	1,0000	1,0000	0,9800			0,9800					
Certificate	DE000CJ3QDE2	OCI 26.18TS OPENZ	EUR	7,7300	7,7300	7,6900			7,6900					
Certificate	NL0013132632	OCI 26.45TS OPENH	EUR	1,1100	1,1100	1,0900			1,0900					
Certificate	NL0013086242	OCI 27.76TS OPENH	EUR	1,2600	1,2600	1,2300			1,2300					
Certificate	DE000CJ3PFT7	OCI 29.17TS OPENZ	EUR	10,7200	10,7200	10,6800			10,6800					
Certificate	NL0012864847	OCI 29.47TS OPENH	EUR	1,4500	1,4500	1,4200			1,4200					
Certificate	NL0012861462	OCI 29.94TS OPENH	EUR	1,5000	1,5000	1,4700			1,4700					
Certificate	NL0012790083	OCI 30.28BS OPENB	EUR	12,4050	12,4050	11,9350			11,9350					
Certificate	NL0012898035	OCI 30.63TS OPENH	EUR	1,5700	1,5700	1,5500			1,5500					
Certificate	NL0012898027	OCI 31.13TS OPENH	EUR	1,6300	1,6300	1,6100			1,6100					
Certificate	NL0012898472	OCI 32.63TS OPENH	EUR	1,8000	1,8000	1,7700			1,7700					
Certificate	NL0012986236	OCI 32.76BS OPENB	EUR	14,8750	14,8750	14,4050			14,4050					
Certificate	NL0012898464	OCI 33.62TS OPENH	EUR	1,9100	1,9100	1,8800			1,8800					
Certificate	NL0012898456	OCI 35.61TS OPENH	EUR	2,1300	2,1300	2,1000			2,1000					
Certificate	DE000VN610U3	OILCR LEVOPENV	EUR	0,0650	0,0650	0,0650			0,0650					
Certificate	DE000VL23R04	OILCR LEVOPENV	EUR											
Certificate	DE000VN610V1	OILCR LEVOPENV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000VN610T5	OILCR LEVOPENV	EUR	3,2450	3,2450	3,2450			3,2450					
Certificate	DE000CE6C1S4	OILCR LEVOPENZ	EUR	0,0200	0,0220	0,0200	298,0000	2	0,0200	14000				
Certificate	DE000CE6C1Q8	OILCR LEVOPENZ	EUR	3,0990	3,0990	3,0990			3,0990					
Certificate	NL0013110745	OILCR LEVOPENZ	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	DE000CE6C1P0	OILCR LEVOPENZ	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	DE000VN610X7	OILCR SHROPENV	EUR	0,1650	0,1650	0,1650			0,1650					
Certificate	DE000VN610W9	OILCR SHROPENV	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	NL0012796734	OILCR SHROPENZ	EUR	246,3200	246,3200	246,3200			246,3200					
Certificate	DE000CE6C1R6	OILCR SHROPENZ	EUR	1,1110	1,1110	1,1110			1,1110					
Certificate	NL0011727649	OILCR 27TL OPENH	EUR	22,7900	22,7900	22,7900			22,7900					
Certificate	NL0012274302	OILCR 39TL OPENB	EUR	13,6400	13,6400	13,6400			13,6400					
Certificate	NL0011528021	OILCR 41TL OPENB	EUR	11,9700	11,9700	11,9700			11,9700					
Certificate	NL0013156219	OILCR 44TL OPENB	EUR	7,1100	7,7400	7,1100	355,5000	1	7,7400	50				
Certificate	NL0013156227	OILCR 46TL OPENB	EUR	5,5500	6,0200	5,5500	11100,0000	1	6,0200	2000				
Certificate	NL0013156235	OILCR 48TL OPENB	EUR	3,8800	4,9000	3,8700	878,0000	2	4,3000	200				
Certificate	NL0013159692	OILCR 49TL OPENB	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	NL0013160229	OILCR 50TL OPENB	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	NL0013165053	OILCR 51TL OPENB	EUR											
Certificate	NL0013160237	OILCR 51TL OPENB	EUR											
Certificate	NL0013160245	OILCR 52TL OPENB	EUR											
Certificate	LU1790449604	OILCR 80TPIOPENS	EUR	23,2700	23,2700	22,0800			22,0800					
Certificate	LU1790449869	OILCR 83TPIOPENS	EUR	25,8700	25,8700	24,6900			24,6900					
Certificate	NL0012312722	OILCR 19.7TL OPENH	EUR	28,8300	28,8300	28,8300			28,8300					
Certificate	NL0011636956	OILCR 25.7TL OPENB	EUR	24,3800	24,5600	24,3800	731,4000	1	24,5600	30				
Certificate	NL0011535539	OILCR 34.6TL OPENB	EUR	17,1900	17,1900	17,1900			17,1900					
Certificate	NL0011727516	OILCR 40.7TL OPENH	EUR	11,1300	11,1300	11,1300			11,1300					
Certificate	DE000VA90UR4	OILCR 45.8TL OPENV	EUR	5,5000	5,5050	5,0450	1060,0000	2	5,0450	200				
Certificate	DE000VA90RQ2	OILCR 46.8TL OPENV	EUR	4,1650	4,1650	4,1650			4,1650					
Certificate	DE000VA90RR0	OILCR 47.8TL OPENV	EUR	3,1600	3,2750	3,0900	2500,0000	2	3,2750	800				
Certificate	NL0013188162	OILCR 52.2TL OPENH	EUR											
Certificate	NL0013164189	OILCR 52.5TS OPENB	EUR											
Certificate	DE000VN9HB96	OILCR 53.2TS OPENV	EUR	1,4000	1,5250	1,1300	8832,4000	4	1,5250	6980				
Certificate	DE000VN9G7A3	OILCR 54.2TS OPENV	EUR											
Certificate	NL0013163504	OILCR 54.5TS OPENB	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000CJ3QJQ3	OILCR 54.9TS OPENZ	EUR	2,5700	3,1650	2,5700	5170,0000	2	3,1650	2000				
Certificate	NL0013156300	OILCR 56.5TS OPENB	EUR	5,8900	5,8900	5,8900			5,8900					



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	NL0013153117	OILCR 58.5TS OPENB	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	NL0013152366	OILCR 60.6TS OPENB	EUR	9,6700	9,6700	9,6700			9,6700					
Certificate	NL0013134265	OILCR 60.8TS OPENH	EUR	9,7000	9,7000	9,7000			9,7000					
Certificate	NL0013151749	OILCR 62.6TS OPENB	EUR	11,4800	11,4800	11,4800			11,4800					
Certificate	NL0013149149	OILCR 64.6TS OPENB	EUR	13,2800	13,2800	13,2800			13,2800					
Certificate	NL0013147663	OILCR 66.6TS OPENB	EUR	15,1000	15,1000	15,1000			15,1000					
Certificate	LU1859833235	OILCR 68.5TPIOPENS	EUR	15,5300	15,5300	14,3100			14,3100					
Certificate	DE000CJ3PKE9	OILCR 70.3TS OPENZ	EUR	16,7800	16,7800	16,7800			16,7800					
Certificate	NL0013013931	OILCR 70.5TS OPENB	EUR	18,6900	18,6900	18,6900			18,6900					
Certificate	LU1859833318	OILCR 71.5TPIOPENS	EUR	18,1600	18,1600	16,9500			16,9500					
Certificate	NL0013009178	OILCR 74.4TS OPENB	EUR	22,2400	22,2400	22,2400			22,2400					
Certificate	LU1859833409	OILCR 74.5TPIOPENS	EUR	20,7900	20,7900	19,5900			19,5900					
Certificate	NL0013004872	OILCR 82.4TS OPENB	EUR	29,4800	29,4800	29,4800			29,4800					
Certificate	LU1817317610	OILCR 84.5TPIOPENS	EUR	29,1100	29,1100	27,9500			27,9500					
Certificate	NL0012861223	OILCR 90.6TS OPENH	EUR	36,8500	36,8500	36,8500			36,8500					
Certificate	DE000CJ3NXN8	OILCR 99.2TS OPENZ	EUR	42,3300	42,3300	42,3300			42,3300					
Certificate	NL0012926414	OILCR105.8TS OPENH	EUR	50,6600	50,6600	50,6600			50,6600					
Certificate	NL0012312748	OILCR13.42TL OPENH	EUR	34,2300	34,2300	34,2300			34,2300					
Certificate	NL0012312730	OILCR16.56TL OPENH	EUR	31,5300	31,5300	31,5300			31,5300					
Certificate	NL0011598222	OILCR24.81TL OPENH	EUR	24,6500	24,6500	24,6500			24,6500					
Certificate	NL0012312714	OILCR26.38TL OPENH	EUR	23,0900	23,0900	23,0900			23,0900					
Certificate	NL0011422308	OILCR27.98TL OPENH	EUR	21,9700	21,9700	21,9700			21,9700					
Certificate	NL0011422290	OILCR31.18TL OPENH	EUR	19,2500	19,2500	19,2500			19,2500					
Certificate	DE000CJ3QJP5	OILCR35.01TL OPENZ	EUR	14,7800	14,7800	14,7800			14,7800					
Certificate	NL0011727565	OILCR35.43TL OPENH	EUR	15,6200	15,6200	15,6200			15,6200					
Certificate	NL0011244322	OILCR36.31TL OPENH	EUR	14,8700	14,8700	14,8700			14,8700					
Certificate	NL0011727540	OILCR37.53TL OPENH	EUR	13,8300	13,8300	13,8300			13,8300					
Certificate	DE000CE6CP71	OILCR38.04TL OPENZ	EUR	12,1000	12,1000	12,1000			12,1000					
Certificate	NL0011244314	OILCR38.98TL OPENH	EUR	12,6000	12,6000	12,6000			12,6000					
Certificate	NL0012312706	OILCR39.23TL OPENH	EUR	12,0600	12,0600	12,0600			12,0600					
Certificate	NL0011727524	OILCR39.64TL OPENH	EUR	12,0400	12,0400	12,0400			12,0400					
Certificate	NL0012312698	OILCR40.09TL OPENH	EUR	11,3300	11,3300	11,3300			11,3300					
Certificate	NL0012310304	OILCR40.63TL OPENH	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	NL0012312680	OILCR41.15TL OPENH	EUR	10,4100	10,4100	10,4100			10,4100					
Certificate	NL0011531124	OILCR41.25BL OPENB	EUR	9,6800	10,0400	9,4800	19720,0000	4	9,4800	2000				
Certificate	DE000CJ3P0D5	OILCR41.54TL OPENZ	EUR	8,8400	9,0100	8,8400	884,0000	1	9,0100	100				
Certificate	NL0012310296	OILCR41.68TL OPENH	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	NL0012372353	OILCR43.14TL OPENH	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	DE000VA90VX0	OILCR43.82TL OPENV	EUR	6,8150	6,8150	6,8150			6,8150					
Certificate	NL0012434203	OILCR44.16TL OPENH	EUR	7,8000	7,8000	7,8000			7,8000					
Certificate	DE000VA900L2	OILCR44.83TL OPENV	EUR	5,9250	5,9250	5,9250			5,9250					
Certificate	DE000CE6DRM1	OILCR45.12TL OPENZ	EUR	5,2800	6,3900	5,2100	3148,0000	4	5,8450	560				
Certificate	NL0013158736	OILCR45.76BL OPENB	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0012439418	OILCR45.89TL OPENH	EUR	7,0100	7,0100	6,3400	701,0000	1	6,3400	100				
Certificate	DE000CE6DTG9	OILCR46.15TL OPENZ	EUR	4,6500	4,9350	4,6500	5247,0000	3	4,9350	1100				
Certificate	NL0013157605	OILCR46.76BL OPENB	EUR	3,9600	4,6100	3,8000	4304,0000	3	4,3900	1025				
Certificate	DE000CE6E0K1	OILCR47.12TL OPENZ	EUR	4,6900	4,6900	4,0850	295,4700	1	4,0850	63				
Certificate	NL0012525786	OILCR47.56TL OPENH	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	NL0013157613	OILCR47.76BL OPENB	EUR	2,9000	4,0400	2,9000	1719,5000	2	3,5100	475				
Certificate	DE000CE6EN22	OILCR48.12TL OPENZ	EUR	3,2050	3,2050	3,2050			3,2050					
Certificate	NL0012494975	OILCR48.76BL OPENB	EUR	2,2500	3,2300	2,2400	11542,0000	7	2,6200	4250				
Certificate	DE000VA9CZK5	OILCR48.79TL OPENV	EUR	1,7900	2,3850	1,7900	1997,2000	2	2,3850	1001				
Certificate	DE000CE6EW05	OILCR49.15TL OPENZ	EUR	1,6500	2,2650	1,6500	505,0000	2	2,2650	300				
Certificate	NL0012529333	OILCR49.56TL OPENH	EUR	2,4900	3,7900	2,4900	1193,0000	3	3,1900	350				
Certificate	NL0013159759	OILCR49.76BL OPENB	EUR	1,2800	1,8500	1,2800	2379,0000	3	1,7400	1500				
Certificate	DE000VA90Z70	OILCR49.83TL OPENV	EUR	1,3300	1,8600	1,3300	2350,5000	4	1,5050	1480				
Certificate	NL0012501415	OILCR50.48BL OPENB	EUR											
Certificate	DE000CJ3QQM7	OILCR50.62TL OPENZ	EUR											
Certificate	NL0013159767	OILCR50.75BL OPENB	EUR											
Certificate	DE000VA900M0	OILCR50.83TL OPENV	EUR											
Certificate	DE000VN9HE57	OILCR50.85TL OPENV	EUR											
Certificate	NL0013160807	OILCR51.74BL OPENB	EUR											
Certificate	DE000VA900T5	OILCR51.83TL OPENV	EUR											
Certificate	NL0013190663	OILCR52.56TS OPENH	EUR											
Certificate	NL0013185358	OILCR54.16TS OPENH	EUR											
Certificate	NL0013157639	OILCR55.09BS OPENB	EUR	3,9500	3,9600	3,3500	5390,0000	4	3,3500	1400				
Certificate	DE000VA90UN3	OILCR55.24TS OPENV	EUR	2,7000	3,2750	2,6950	1080,0000	1	3,2750	400				
Certificate	NL0013189533	OILCR55.31TS OPENH	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	DE000VA90RM1	OILCR56.24TS OPENV	EUR	4,1650	4,1650	4,1650			4,1650					
Certificate	DE000CJ3QHJ2	OILCR56.38TS OPENZ	EUR	4,4850	4,4850	4,4850			4,4850					
Certificate	NL0013155849	OILCR57.08BS OPENB	EUR	5,4600	5,4600	5,1100	3822,0000	1	5,1100	700				
Certificate	DE000VA90RN9	OILCR57.24TS OPENV	EUR	5,0450	5,0450	5,0450			5,0450					



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	NL0013184641	OILCR57.35TS OPENH	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	DE000CJ3QF79	OILCR57.88TS OPENZ	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000VA90UP8	OILCR58.24TS OPENV	EUR	5,9250	5,9250	5,9250			5,9250					
Certificate	NL0013152960	OILCR59.0885 OPENB	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	DE000VA9CZC2	OILCR59.26TS OPENV	EUR	6,8150	6,8150	6,8150			6,8150					
Certificate	DE000CJ3QDM5	OILCR59.37TS OPENZ	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	DE000VA9CZ8	OILCR60.26TS OPENV	EUR	7,6950	7,6950	7,6950			7,6950					
Certificate	DE000CJ3QDN3	OILCR60.87TS OPENZ	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	NL0013152978	OILCR61.0885 OPENB	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	DE000VA9CZG3	OILCR61.26TS OPENV	EUR	8,5750	8,5750	8,5750			8,5750					
Certificate	DE000VA9CZH1	OILCR62.26TS OPENV	EUR	9,4550	9,4550	9,4550			9,4550					
Certificate	DE000CJ3P638	OILCR62.36TS OPENZ	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	NL0013151400	OILCR63.2585 OPENB	EUR	10,5700	10,5700	10,5700			10,5700					
Certificate	DE000VA9CV78	OILCR63.27TS OPENV	EUR	10,3450	10,3450	10,3450			10,3450					
Certificate	DE000VA9CRW7	OILCR64.29TS OPENV	EUR	11,4150	11,4150	11,4150			11,4150					
Certificate	DE000CJ3P4Q9	OILCR64.35TS OPENZ	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	NL0013130495	OILCR64.71TS OPENH	EUR	13,2900	13,2900	13,2900			13,2900					
Certificate	NL0013149776	OILCR65.2485 OPENB	EUR	12,3300	12,3300	12,3300			12,3300					
Certificate	DE000VA87FA7	OILCR65.29TS OPENV	EUR	12,2850	12,2850	12,2850			12,2850					
Certificate	DE000VA87DP0	OILCR66.29TS OPENV	EUR	13,1550	13,1550	13,1550			13,1550					
Certificate	DE000CJ3PW29	OILCR66.34TS OPENZ	EUR	13,2700	13,2700	13,2700			13,2700					
Certificate	NL0013146681	OILCR67.2485 OPENB	EUR	14,0900	14,0900	14,0900			14,0900					
Certificate	DE000VA87DQ8	OILCR67.29TS OPENV	EUR	14,0350	14,0350	14,0350			14,0350					
Certificate	NL0013127301	OILCR68.23TS OPENH	EUR	16,4600	16,4600	16,4600			16,4600					
Certificate	DE000VA8FXP4	OILCR68.32TS OPENV	EUR	14,9150	14,9150	14,9150			14,9150					
Certificate	DE000CJ3PW04	OILCR68.34TS OPENZ	EUR	15,0400	15,0400	15,0400			15,0400					
Certificate	NL0013124399	OILCR69.19TS OPENH	EUR	17,3800	17,3800	17,3800			17,3800					
Certificate	NL0013146194	OILCR69.2285 OPENB	EUR	15,8400	15,8400	15,8400			15,8400					
Certificate	DE000VA8FXQ2	OILCR69.32TS OPENV	EUR	15,7950	15,7950	15,7950			15,7950					
Certificate	DE000VA711G3	OILCR70.33TS OPENV	EUR	16,6750	16,6750	16,6750			16,6750					
Certificate	DE000VA710G5	OILCR71.33TS OPENV	EUR	17,5550	17,5550	17,5550			17,5550					
Certificate	NL0013086101	OILCR72.17TS OPENH	EUR	20,0500	20,0500	20,0500			20,0500					
Certificate	DE000CJ3PEC6	OILCR72.29TS OPENZ	EUR	18,5400	18,5400	18,5400			18,5400					
Certificate	DE000VA710H3	OILCR72.33TS OPENV	EUR	18,4350	18,4350	18,4350			18,4350					
Certificate	DE000VA7TF71	OILCR73.49TS OPENV	EUR	19,3050	19,3050	19,3050			19,3050					
Certificate	NL0013081631	OILCR74.09TS OPENH	EUR	21,8200	21,8200	21,8200			21,8200					
Certificate	DE000CJ3N7L5	OILCR74.29TS OPENZ	EUR	20,3000	20,3000	20,3000			20,3000					
Certificate	DE000VA7TF89	OILCR74.49TS OPENV	EUR	20,1950	20,1950	20,1950			20,1950					
Certificate	NL0013008055	OILCR75.1985 OPENB	EUR	21,1200	21,1200	21,1200			21,1200					
Certificate	DE000VA7TF97	OILCR75.49TS OPENV	EUR	21,0650	21,0650	21,0650			21,0650					
Certificate	DE000CJ3NOK2	OILCR76.27TS OPENZ	EUR	22,0500	22,0500	22,0500			22,0500					
Certificate	DE000VA7PV67	OILCR76.51TS OPENV	EUR	21,9450	21,9450	21,9450			21,9450					
Certificate	NL0012861231	OILCR76.84TS OPENH	EUR	24,3200	24,3200	24,3200			24,3200					
Certificate	NL0012787238	OILCR77.1885 OPENB	EUR	22,8800	22,8800	22,8800			22,8800					
Certificate	DE000VA6D420	OILCR77.84TS OPENV	EUR	22,8150	22,8150	22,8150			22,8150					
Certificate	DE000CV4ZRA3	OILCR78.24TS OPENZ	EUR	23,8000	23,8000	23,8000			23,8000					
Certificate	DE000VA6T1N4	OILCR78.56TS OPENV	EUR	23,7050	23,7050	23,7050			23,7050					
Certificate	NL0012894182	OILCR78.58TS OPENH	EUR	25,9300	25,9300	25,9300			25,9300					
Certificate	DE000VA7PN18	OILCR79.52TS OPENV	EUR	24,5850	24,5850	24,5850			24,5850					
Certificate	NL0012565113	OILCR79.55TS OPENH	EUR	26,7900	26,7900	26,7900			26,7900					
Certificate	DE000CV4ZR55	OILCR80.24TS OPENZ	EUR	25,5600	25,5600	25,5600			25,5600					
Certificate	DE000VA640B5	OILCR80.52TS OPENV	EUR	25,4550	25,4550	25,4550			25,4550					
Certificate	NL0012902217	OILCR80.75TS OPENH	EUR	27,8900	27,8900	27,8900			27,8900					
Certificate	NL0012993851	OILCR81.1685 OPENB	EUR	26,4000	26,4000	26,4000			26,4000					
Certificate	DE000VA640C3	OILCR81.52TS OPENV	EUR	26,3450	26,3450	26,3450			26,3450					
Certificate	DE000VA640D1	OILCR82.52TS OPENV	EUR	27,2250	27,2250	27,2250			27,2250					
Certificate	DE000CJ3NXL2	OILCR82.74TS OPENZ	EUR	27,7800	27,7800	27,7800			27,7800					
Certificate	DE000VA640E9	OILCR83.52TS OPENV	EUR	28,0950	28,0950	28,0950			28,0950					
Certificate	NL0012565105	OILCR84.42TS OPENH	EUR	31,2300	31,2300	31,2300			31,2300					
Certificate	DE000VA7PU43	OILCR84.52TS OPENV	EUR	28,9950	28,9950	28,9950			28,9950					
Certificate	DE000CV89Q80	OILCR85.19TS OPENZ	EUR	29,9400	29,9400	29,9400			29,9400					
Certificate	DE000CV88H25	OILCR90.24TS OPENZ	EUR	34,4000	34,4000	34,4000			34,4000					
Certificate	DE000CJ3NXM0	OILCR94.71TS OPENZ	EUR	38,3600	38,3600	38,3600			38,3600					
Certificate	NL0012613467	OILCR95.39TS OPENH	EUR	41,2200	41,2200	41,2200			41,2200					
Certificate	NL0012861215	OILCR95.52TS OPENH	EUR	41,3300	41,3300	41,3300			41,3300					
Certificate	NL0000833317	OILGA PI OPENB	EUR	6,2900	6,3300	6,2900			6,3300					
Certificate	DE000CD64FK9	OJ 1.22TL OPENZ	EUR	2,0000	2,0000	1,8950	400,0000	1	1,8950	200				
Certificate	DE000CV88LW3	OJ 1.94TS OPENZ	EUR	5,7550	5,7550	5,7550			5,7550					
Certificate	DE000CV4ZH96	OJ 1.115TL OPENZ	EUR	2,7850	2,7850	2,7850			2,7850					
Certificate	DE000CV508F3	OJ 1.394TL OPENZ	EUR											
Certificate	DE000CV4ZHC0	OJ 1.749TS OPENZ	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000CV508H9	OJ 1.844TS OPENZ	EUR	4,8750	4,8750	4,8750			4,8750					



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	DE000CE6C8U5	OMXS 1126TL OPENZ	EUR											
Certificate	DE000CE6CY05	OMXS 1246TL OPENZ	EUR											
Certificate	DE000CE6C8T7	OMXS 1365TL OPENZ	EUR											
Certificate	DE000CJ3QUE6	OMXS 1538TS OPENZ	EUR											
Certificate	DE000CJ3N6P8	OMXS 1638TS OPENZ	EUR											
Certificate	DE000CE6C8W1	OMXS 1737TS OPENZ	EUR											
Certificate	DE000CE6CY13	OMXS 1897TS OPENZ	EUR											
Certificate	DE000CV88NU3	OMXS 2104TS OPENZ	EUR											
Certificate	NL0012998041	ONTEX 15.18L OPENB	EUR	0,6250	0,6250	0,5150				0,5150				
Certificate	DE000CJ3N3Q3	ONTEX10.01TL OPENZ	EUR	1,5800	1,5800	1,5800				1,5800				
Certificate	DE000CV4ZRX5	ONTEX10.96TL OPENZ	EUR	0,7000	0,7000	0,7000				0,7000				
Certificate	NL0013006927	ONTEX11.08BL OPENB	EUR	1,4250	1,4250	1,3250				1,3250				
Certificate	DE000CV88B1	ONTEX12.63TL OPENZ	EUR	1,0900	1,0900	1,0900				1,0900				
Certificate	NL0012998033	ONTEX13.08BL OPENB	EUR	1,0250	1,0250	0,9250				0,9250				
Certificate	DE000CV4ZRW7	ONTEX13.73TL OPENZ	EUR	0,4500	0,4500	0,4400	495,0000	1	0,4400	1100				
Certificate	DE000CV88B8K9	ONTEX15.33TL OPENZ	EUR	0,5800	0,5800	0,5800				0,5800				
Certificate	DE000CJ3P8T4	ONTEX16.82TL OPENZ	EUR	0,3000	0,3000	0,3000				0,3000				
Certificate	NL0013149925	ONTEX17.12BL OPENB	EUR	0,2150	0,2150	0,1150				0,1150				
Certificate	DE000CJ3QRL7	ONTEX18.32TL OPENZ	EUR											
Certificate	NL0012998223	ONTEX20.83BS OPENB	EUR	0,7050	0,8050	0,7050				0,8050				
Certificate	NL0012998231	ONTEX24.79BS OPENB	EUR	1,4950	1,6050	1,4950				1,6050				
Certificate	DE000CV87TX6	ORABL 9.89TL OPENZ	EUR	7,6000	7,6000	7,6000				7,6000				
Certificate	DE000CV8A9L6	ORABL10.93TL OPENZ	EUR	6,5600	6,5600	6,5600				6,5600				
Certificate	DE000CV502H2	ORABL11.93TL OPENZ	EUR	5,4900	5,5650	5,4900	2745,0000	3		5,5650	500			
Certificate	DE000CJ3NUW8	ORABL12.92TL OPENZ	EUR	4,5750	4,5750	4,5750				4,5750				
Certificate	DE000CJ3PL56	ORABL14.42TL OPENZ	EUR	3,0750	3,0750	3,0750				3,0750				
Certificate	DE000CJ3QDQ6	ORABL15.92TL OPENZ	EUR	1,5850	1,5850	1,5850				1,5850				
Certificate	NL0011637335	ORACL 30.9TL OPENB	EUR	16,2800	16,2800	16,2800				16,2800				
Certificate	NL0010251781	ORANG 3.1TL OPENB	EUR	11,7600	11,7600	11,7600				11,7600				
Certificate	NL0010899738	ORANG 8.7TL OPENB	EUR	6,4600	6,5500	6,4600				6,5500				
Certificate	NL0010899746	ORANG 9.9TL OPENB	EUR	5,4000	5,4900	5,4000				5,4900				
Certificate	NL0011425848	ORANG 10.9TL OPENB	EUR	4,4100	4,5000	4,4100				4,5000				
Certificate	NL0012017222	ORANG 12.1TL OPENB	EUR	3,3800	3,4700	3,3800				3,4700				
Certificate	NL0012780761	ORANG 13.1TL OPENB	EUR	2,4300	2,5200	2,4300				2,5200				
Certificate	NL0013158272	ORANG 14.2TL OPENB	EUR	1,4100	1,5000	1,4100				1,5000				
Certificate	NL0011445770	ORANG 16.5TS OPENB	EUR	3,3200	3,3200	3,2200				3,2200				
Certificate	NL0013158355	ORANG 18.5TS OPENB	EUR	5,4700	5,4700	5,3700				5,3700				
Certificate	NL0012531511	ORANG 20.6TS OPENH	EUR	8,3700	8,4200	8,3700				8,4200				
Certificate	NL0011418033	ORANG 6.36TL OPENH	EUR	8,7900	8,9000	8,7900				8,9000				
Certificate	NL0012056394	ORANG 9.29TL OPENH	EUR	6,1400	6,2400	6,1400				6,2400				
Certificate	DE000CR9PVK0	ORANG10.01TL OPENZ	EUR	4,6200	4,6200	4,5800				4,5800				
Certificate	NL0011418009	ORANG10.57TL OPENH	EUR	4,9700	5,0800	4,9700				5,0800				
Certificate	NL0011979844	ORANG11.51TL OPENH	EUR	4,1200	4,2300	4,1200				4,2300				
Certificate	DE000CR9NK23	ORANG11.51TL OPENZ	EUR	3,1300	3,1300	3,0800				3,0800				
Certificate	NL0011972815	ORANG12.04TL OPENH	EUR	3,6300	3,7400	3,6300				3,7400				
Certificate	DE000CD64730	ORANG12.99TL OPENZ	EUR	1,6500	1,6500	1,6100				1,6100				
Certificate	NL0011417951	ORANG16.21TS OPENH	EUR	3,4900	3,5400	3,4900				3,5400				
Certificate	NL0011417944	ORANG16.67TS OPENH	EUR	4,0100	4,0600	4,0100				4,0600				
Certificate	NL0011417936	ORANG18.53TS OPENH	EUR	6,0700	6,1200	6,0700				6,1200				
Certificate	NL0012437941	ORANG20.55TS OPENH	EUR	8,3100	8,3600	8,3100				8,3600				
Certificate	NL0012523930	ORANG20.69TS OPENH	EUR	8,4600	8,5200	8,4600				8,5200				
Certificate	NL0012314033	ORANG22.45TS OPENH	EUR	10,4300	10,4800	10,4300				10,4800				
Certificate	DE000CV50962	ORPEA71.93TL OPENZ	EUR	2,0800	2,0800	2,0800				2,0800				
Certificate	DE000CV50970	ORPEA81.91TL OPENZ	EUR	1,0900	1,0900	1,0900				1,0900				
Certificate	DE000CV8BDQ1	PAAS 11TL OPENZ	EUR	3,1300	3,1600	3,1300				3,1600				
Certificate	DE000CJ3P539	PAAS 9.53TL OPENZ	EUR	4,3200	4,3600	4,3200				4,3600				
Certificate	DE000CJ3QFC1	PAAS 12.55TL OPENZ	EUR	1,8700	1,9000	1,8700				1,9000				
Certificate	NL0012796759	PALLA LEVOPENZ	EUR	56,2200	56,2200	56,2200				56,2200				
Certificate	NL0000451896	PALLA PI OPENH	EUR	10,6900	10,9400	10,6900				10,9400				
Certificate	NL0012796775	PALLA SHROPENZ	EUR	30,8900	30,8900	30,8900				30,8900				
Certificate	NL0000451599	PALLA 158TL OPENB	EUR	97,0200	97,0200	97,0200				97,0200				
Certificate	NL0009064393	PALLA 225TL OPENB	EUR	91,6500	91,6500	91,6500				91,6500				
Certificate	NL0011537394	PALLA 478TL OPENB	EUR	71,2750	71,2750	71,2750				71,2750				
Certificate	DE000CN6HPN3	PALLA 494TL OPENZ	EUR	67,1700	67,1700	67,1700				67,1700				
Certificate	NL0011601307	PALLA 525TL OPENH	EUR	65,3000	65,3000	65,3000				65,3000				
Certificate	NL0011813241	PALLA 533TL OPENB	EUR	66,8550	66,8550	66,8550				66,8550				
Certificate	NL0011731005	PALLA 544TL OPENH	EUR	63,8000	63,8000	63,8000				63,8000				
Certificate	NL0011730999	PALLA 566TL OPENH	EUR	62,3400	62,3400	62,0500	1870,2000	1	62,0500	30				
Certificate	NL0012102347	PALLA 694TL OPENB	EUR	53,9350	53,9350	53,9350				53,9350				
Certificate	DE000CE6BJX9	PALLA 700TL OPENZ	EUR	49,5900	49,5900	49,5900				49,5900				
Certificate	NL0012103642	PALLA 747TL OPENB	EUR	49,6650	49,6650	49,6650				49,6650				
Certificate	DE000CV8AQ09	PANDO 219.TL OPENZ	EUR	1,5450	1,5450	1,5450				1,5450				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3QMR5	PANDO 348.TL OPENZ	EUR											
Certificate	DE000CJ3QAT6	PANDO229.8TL OPENZ	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	DE000CV89PY8	PANDO269.6TL OPENZ	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	DE000CV8AQZ6	PANDO279.6TL OPENZ	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000CV8AR08	PANDO301.3TL OPENZ	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	DE000CV8ARU5	PANDO319.3TL OPENZ	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	DE000CV8ARJ8	PANDO322.9TL OPENZ	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	DE000CJ3P489	PANDO389.5TS OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000CV8AJ40	PANDO440.5TS OPENZ	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	DE000CV89H22	PANDO486.5TS OPENZ	EUR	2,6550	2,6550	2,6550			2,6550					
Certificate	DE000CV88WA6	PANDO532.4TS OPENZ	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	DE000CV88Z1	PANDO552.6TS OPENZ	EUR	2,9750	2,9750	2,9750			2,9750					
Certificate	DE000CV893R4	PANDO602.5TS OPENZ	EUR	3,6350	3,6350	3,6350			3,6350					
Certificate	DE000CJ3QXY8	PARGE43.52TL OPENZ	EUR	2,1400	2,1700	2,1400			2,1700					
Certificate	DE000CR6XDU7	PARGE53.52TL OPENZ	EUR	1,2500	1,2800	1,2500			1,2800					
Certificate	DE000CN6L1D6	PARGE60.39TL OPENZ	EUR	0,6400	0,6700	0,6400			0,6700					
Certificate	DE000CY50W50	PAYPL 50TL OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CY50Z24	PAYPL 50TL OPENC	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	DE000CY50W68	PAYPL 55TL OPENC	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CY50Z32	PAYPL 55TL OPENC	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000CY50Z40	PAYPL 56TL OPENC	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000CY50W76	PAYPL 56TL OPENC	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	DE000CJ3N6K9	PAYPL 57TL 1218Z	EUR	2,5050	2,5550	2,5050			2,5550					
Certificate	DE000CY51584	PAYPL 58TL OPENC	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CY51MY9	PAYPL 65TL OPENC	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	DE000CY51L11	PAYPL 65TL OPENC	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CV8AEC1	PAYPL 66TL 1218Z	EUR	1,7150	1,8800	1,7150	752,0000	1	1,7650	400				
Certificate	DE000CV8AH91	PAYPL 71TL 1218Z	EUR	1,2850	1,3250	1,2850			1,3250					
Certificate	DE000CQ58AA4	PAYPL 75TL OPENC	EUR											
Certificate	DE000CP238S8	PAYPL 80TL OPENC	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	DE000CP23K34	PAYPL 80TL OPENC	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CQ58J59	PAYPL 82TL OPENC	EUR											
Certificate	DE000CQ5ATO2	PAYPL 82TS OPENC	EUR											
Certificate	DE000CQ58AC0	PAYPL 95TS OPENC	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CQ581A8	PAYPL 95TS OPENC	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	DE000CQ58LE3	PAYPL 95TS OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CQ5ABY4	PAYPL 95TS OPENC	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CQ58J67	PAYPL 100TS OPENC	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CQ58EM1	PAYPL 100TS OPENC	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CV8AHS0	PAYPL 51.6TL OPENZ	EUR	2,9450	3,1200	2,9450	1560,0000	1	2,9950	500				
Certificate	DE000CJ3QG73	PAYPL 59.5TL 0319Z	EUR	2,3250	2,3750	2,3250			2,3750					
Certificate	DE000CJ3PSR4	PAYPL 68.5TL 0319Z	EUR	1,5350	1,5750	1,5350			1,5750					
Certificate	DE000CJ3QAC2	PAYPL 73.5TL 0319Z	EUR	1,0950	1,1350	1,0950			1,1350					
Certificate	DE000CJ3QNC5	PAYPL 78.5TL 0319Z	EUR	0,6550	0,6950	0,6550			0,6950					
Certificate	DE000CV89UA8	PAYPL61.83TL OPENZ	EUR	2,0450	2,0950	2,0450			2,0950					
Certificate	DE000CV89UB6	PAYPL71.95TL OPENZ	EUR	1,1600	1,2050	1,1600	1581,0800	1	1,2050	1363				
Certificate	DE000CJ3QNN2	PAYPL79.95TL OPENZ	EUR	0,4750	0,5150	0,4750			0,5150					
Certificate	DE000CV89S88	PBR 10TL OPENZ	EUR	3,8050	3,8050	3,6850			3,6850					
Certificate	DE000CE6DYE4	PBR 8.9TL OPENZ	EUR	4,6950	4,6950	4,5750			4,5750					
Certificate	DE000CE6DFV7	PBR 7.53TL OPENZ	EUR	5,8150	5,8150	5,6950			5,6950					
Certificate	DE000CE6CF32	PBR 8.21TL OPENZ	EUR	5,2550	5,2550	5,1350			5,1350					
Certificate	DE000CJ3NL27	PBR 11.08TL OPENZ	EUR	2,9250	2,9250	2,7950			2,7950					
Certificate	DE000CJ3NY87	PBR 12.65TL OPENZ	EUR	1,6450	1,6450	1,5050			1,5050					
Certificate	DE000CV4YXN7	PERNO 107.TL OPENZ	EUR	1,3000	1,3400	1,3000			1,3400					
Certificate	DE000CV4YYZ9	PERNO 121.TL OPENZ	EUR	0,7400	0,7900	0,7400			0,7900					
Certificate	DE000CJ3NMH3	PERNO86.98TL OPENZ	EUR	2,1000	2,1400	2,1000			2,1400					
Certificate	NL0010443370	PEUGO 3TL OPENB	EUR	14,6900	14,6900	14,6900			14,6900					
Certificate	DE000CXOKUL2	PEUGO 10TL OPENC	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	NL0010607305	PEUGO 5.4TL OPENB	EUR	12,4900	12,4900	12,4900			12,4900					
Certificate	NL0012313241	PEUGO 7.3TL OPENH	EUR	10,7600	10,9100	10,7600			10,9100					
Certificate	NL0010905493	PEUGO 8.8TL OPENB	EUR	9,2400	9,3200	9,2400			9,3200					
Certificate	NL0013162175	PEUGO 10.8TL OPENB	EUR	7,3200	7,4000	7,3200			7,4000					
Certificate	NL0013162183	PEUGO 12.8TL OPENB	EUR	5,4600	5,5400	5,4600			5,5400					
Certificate	NL0013162191	PEUGO 14.8TL OPENB	EUR	3,6000	3,6800	3,6000			3,6800					
Certificate	NL0013162209	PEUGO 15.8TL OPENB	EUR	2,6700	2,7500	2,6700			2,7500					
Certificate	NL0012556195	PEUGO 16.5TL OPENH	EUR	2,3900	2,5400	2,3900			2,5400					
Certificate	NL0013162217	PEUGO 16.8TL OPENB	EUR	1,7400	1,8200	1,7400			1,8200					
Certificate	NL0012585343	PEUGO 17.5TL OPENH	EUR											
Certificate	NL0013012206	PEUGO 18.5TL OPENB	EUR											
Certificate	NL0013165483	PEUGO 18.5TS OPENB	EUR	2,6700	2,6700	2,5600			2,5600					
Certificate	NL0013190788	PEUGO 19.5TS OPENH	EUR	4,3400	4,4500	4,3400			4,4500					
Certificate	NL0013154982	PEUGO 20.5TS OPENB	EUR	4,8100	4,8100	4,7000			4,7000					



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	NL0013005978	PEUGO 22.5TS OPENB	EUR	7,0000	7,0000	6,8900			6,8900					
Certificate	NL0013002553	PEUGO 24.5TS OPENB	EUR	9,1300	9,1300	9,0200			9,0200					
Certificate	NL0012983456	PEUGO 26.5TS OPENB	EUR	11,2700	11,2700	11,1600			11,1600					
Certificate	NL0012522999	PEUGO 30.3TS OPENH	EUR	16,3400	16,4400	16,3400			16,4400					
Certificate	NL0012313258	PEUGO 5.25TL OPENH	EUR	12,6200	12,7700	12,6200			12,7700					
Certificate	NL0011989140	PEUGO11.38TL OPENH	EUR	7,0400	7,2000	7,0400			7,2000					
Certificate	NL0011992607	PEUGO11.98TL OPENH	EUR	6,5000	6,6500	6,5000			6,6500					
Certificate	DE000CD62DE1	PEUGO12.72TL OPENZ	EUR	4,7300	4,7450	4,7300			4,7450					
Certificate	NL0012051155	PEUGO13.44TL OPENH	EUR	5,1700	5,3200	5,1700			5,3200					
Certificate	DE000CD640M2	PEUGO14.23TL OPENZ	EUR	3,2300	3,2450	3,2300			3,2450					
Certificate	NL0012051148	PEUGO14.47TL OPENH	EUR	4,2300	4,3800	4,2300			4,3800					
Certificate	NL0012057681	PEUGO15.49TL OPENH	EUR	3,3000	3,4600	3,3000			3,4600					
Certificate	DE000CD64D60	PEUGO16.22TL OPENZ	EUR	1,2900	1,3050	1,2900			1,3050					
Certificate	DE000CV88814	PEUGO18.19TL OPENZ	EUR											
Certificate	NL0012601025	PEUGO18.51TL OPENH	EUR											
Certificate	NL0012907141	PEUGO24.34TS OPENH	EUR	9,7200	9,8300	9,7200			9,8300					
Certificate	NL0012313217	PEUGO26.14TS OPENH	EUR	11,7200	11,8300	11,7200			11,8300					
Certificate	NL0012367015	PEUGO28.15TS OPENH	EUR	13,9500	14,0500	13,9500			14,0500					
Certificate	NL0012891337	PEUGO34.18TS OPENH	EUR	20,6400	20,7500	20,6400			20,7500					
Certificate	NL0012891329	PEUGO36.16TS OPENH	EUR	22,8500	22,9500	22,8500			22,9500					
Certificate	NL0009533140	PFIZR 8.5TL OPENB	EUR	31,8100	31,8100	31,8100			31,8100					
Certificate	NL0009563881	PFIZR 10.2TL OPENB	EUR	30,4200	30,4200	30,4200			30,4200					
Certificate	NL0011425921	PFIZR 25.8TL OPENB	EUR	17,8400	17,8400	17,8400			17,8400					
Certificate	DE000CR9RV59	PGMBLS8.04TL OPENZ	EUR	3,0900	3,1800	3,0900			3,1800					
Certificate	DE000CJ3NLS2	PHARM 0.5TL OPENZ	EUR	0,3400	0,3600	0,3400	461,2000	2	0,3600	1330				
Certificate	DE000CJ3NMS7	PHARM 0.38TL OPENZ	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CJ3QAZ3	PHARM 0.56TL OPENZ	EUR	0,3200	0,3200	0,3100	2080,0000	2	0,3100	6500				
Certificate	DE000CV89291	PHARM 0.61TL OPENZ	EUR	0,2500	0,2600	0,2500	625,0000	1	0,2600	2500				
Certificate	DE000CJ3NPA1	PHARM 0.67TL OPENZ	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	DE000CJ3QF04	PHARM 0.73TL OPENZ	EUR	0,1400	0,1600	0,1400	1076,8800	1	0,1600	7692				
Certificate	DE000CJ3QD71	PHARM 0.86TS OPENZ	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	DE000CJ3QA09	PHARM 0.96TS OPENZ	EUR	0,3400	0,3500	0,3400	102,0000	1	0,3500	300				
Certificate	NL0013154214	PHARM0.313TL OPENB	EUR	0,4850	0,5050	0,4850			0,5050					
Certificate	NL0013007875	PHARM0.413TL OPENB	EUR	0,3950	0,4150	0,3950			0,4150					
Certificate	NL0013000086	PHARM0.513TL OPENB	EUR	0,3050	0,3250	0,3050			0,3250					
Certificate	NL0012999551	PHARM0.613TL OPENB	EUR	0,2150	0,2450	0,2150	360,0000	1	0,2350	1500				
Certificate	NL0013000755	PHARM0.713TL OPENB	EUR	0,1250	0,1600	0,1150	3020,0000	4	0,1450	23300				
Certificate	NL0013157126	PHARM0.838TS OPENB	EUR	0,1650	0,1650	0,1250	405,0000	2	0,1450	3000				
Certificate	NL0012999676	PHARM1.088TS OPENB	EUR	0,4350	0,4350	0,4150			0,4150					
Certificate	NL0012986020	PHARM1.337TS OPENB	EUR	0,7150	0,7150	0,6950			0,6950					
Certificate	NL0012972723	PHARM1.584TS OPENB	EUR	0,9850	0,9850	0,9650			0,9650					
Certificate	DE000CR9NY50	PHIL 69.85TL OPENZ	EUR	1,7000	1,7000	1,6500			1,6500					
Certificate	NL0013110471	PHILP LEVOPENZ	EUR	40,3000	40,3000	38,9100			38,9100					
Certificate	DE000CX00FJ3	PHILP 21TL OPENC	EUR	12,6400	12,6400	12,6400			12,6400					
Certificate	DE000CX00EH0	PHILP 21TL OPENC	EUR	13,6000	13,6000	13,6000			13,6000					
Certificate	DE000CX59GJ7	PHILP 22TL OPENC	EUR	11,0900	11,0900	11,0900			11,0900					
Certificate	DE000CX59A90	PHILP 22TL OPENC	EUR	12,0800	12,0800	12,0800			12,0800					
Certificate	DE000CX59N79	PHILP 24TL OPENC	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	DE000CX59YM4	PHILP 25TL OPENC	EUR	9,2100	9,2100	9,2100			9,2100					
Certificate	DE000CX59GK5	PHILP 25TL OPENC	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	DE000CX59Q76	PHILP 26TL OPENC	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	DE000CX59KU6	PHILP 26TL OPENC	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	NL0012114060	PHILP 27TL OPENB	EUR	7,2900	7,2900	6,9700			6,9700					
Certificate	DE000CY16AU5	PHILP 27TL OPENC	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	DE000CY16C57	PHILP 27TL OPENC	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000CY16C65	PHILP 28TL OPENC	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	DE000CY16AV3	PHILP 28TL OPENC	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	DE000CY16S67	PHILP 29TL OPENC	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000CQ5APY4	PHILP 29TL OPENC	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000CQ5A7W0	PHILP 29TL OPENC	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000CQ5ASL7	PHILP 30TL OPENC	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	DE000CQ5A7X8	PHILP 30TL OPENC	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	DE000CQ5AP21	PHILP 31TL OPENC	EUR	1,9100	1,9100	1,7000	566,0000	2	1,7000	300				
Certificate	DE000CP23QP5	PHILP 34TS OPENC	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000CP23NT4	PHILP 34TS OPENC	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0013188303	PHILP 35TS OPENH	EUR	5,4700	5,8800	5,4700			5,8800					
Certificate	DE000CQ5BZ91	PHILP 36TS OPENC	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	DE000CP23S24	PHILP 36TS OPENC	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	DE000CY50UV0	PHILP 38TS OPENC	EUR											
Certificate	DE000CP07A28	PHILP 38TS OPENC	EUR	7,6500	7,6500	7,6500			7,6500					
Certificate	DE000CP06U58	PHILP 38TS OPENC	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	DE000CQ5BFH8	PHILP 42TS OPENC	EUR	11,5000	11,5000	11,5000			11,5000					



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	DE000CY51CD4	PHILP 42TS OPENC	EUR	10,5300	10,5300	10,5300			10,5300					
Certificate	DE000CY51AN7	PHILP 42TS OPENC	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000CQ5AWY0	PHILP 44TS OPENC	EUR	11,9100	11,9100	11,9100				11,9100				
Certificate	DE000CY51AP2	PHILP 44TS OPENC	EUR	10,5800	10,5800	10,5800				10,5800				
Certificate	DE000CQ5B3C0	PHILP 44TS OPENC	EUR	13,5400	13,5400	13,5400				13,5400				
Certificate	DE000CP062M5	PHILP 46TS OPENC	EUR	15,8400	15,8400	15,8400				15,8400				
Certificate	DE000CQ5B0M5	PHILP 46TS OPENC	EUR	13,9300	13,9300	13,9300				13,9300				
Certificate	DE000CP060Q0	PHILP 48TS OPENC	EUR	16,1500	16,1500	16,1500				16,1500				
Certificate	DE000CP06183	PHILP 48TS OPENC	EUR	17,9500	17,9500	17,9500				17,9500				
Certificate	DE000CP06KM0	PHILP 50TS OPENC	EUR	18,1700	18,1700	18,1700				18,1700				
Certificate	NL0012790828	PHILP 43.BS OPENB	EUR	10,8500	11,1500	10,8500				11,1500				
Certificate	NL0010175774	PHILP 14.9TL OPENB	EUR	18,2500	18,2500	18,2500				18,2500				
Certificate	NL0010282224	PHILP 15.8TL OPENB	EUR	17,4100	17,4100	17,4100				17,4100				
Certificate	NL0010887592	PHILP 16.4TL OPENB	EUR	17,2000	17,2000	16,8800				16,8800				
Certificate	NL0010380390	PHILP 16.9TL OPENB	EUR	16,3900	16,3900	16,3900				16,3900				
Certificate	NL0011230495	PHILP 17.4TL OPENH	EUR	16,2200	16,2200	15,9100				15,9100				
Certificate	NL0010514444	PHILP 18.1TL OPENB	EUR	15,3000	15,3000	15,3000				15,3000				
Certificate	NL0011906664	PHILP 21.6TL OPENB	EUR	12,3400	12,3400	12,0200				12,0200				
Certificate	NL0011934872	PHILP 23.1TL OPENH	EUR	10,9100	10,9100	10,6000				10,6000				
Certificate	NL0011916630	PHILP 23.7TL OPENB	EUR	10,3300	10,3300	10,0100				10,0100				
Certificate	NL0012017628	PHILP 24.8TL OPENB	EUR	9,3100	9,3100	8,9900				8,9900				
Certificate	NL0012106827	PHILP 25.9TL OPENB	EUR	8,3000	8,3000	7,9800				7,9800				
Certificate	NL0012120232	PHILP 28.1TL OPENB	EUR	6,2800	6,2800	5,9600				5,9600				
Certificate	NL0012779854	PHILP 29.6TL OPENB	EUR	4,8800	4,8800	4,5600	4820,0000	1		4,5600	1000			
Certificate	DE000CV88AL9	PHILP 30.9TL OPENZ	EUR	0,3000	0,3000	0,2500				0,2500				
Certificate	NL0013018708	PHILP 31.1TL OPENB	EUR	3,5000	3,5000	3,1800				3,1800				
Certificate	NL0012648802	PHILP 32.5BON0619Z	EUR	33,0850	33,0850	32,9400				32,9400				
Certificate	NL0013160658	PHILP 32.6TL OPENB	EUR											
Certificate	NL0013014574	PHILP 34.8TS OPENB	EUR	5,2500	5,5400	5,2500				5,5400				
Certificate	NL0012649131	PHILP 36.5B0C0619Z	EUR	34,3400	34,3400	34,3350				34,3350				
Certificate	NL0013148828	PHILP 37.2B0C1219B	EUR	33,1300	33,1300	33,0200				33,0200				
Certificate	NL0013005986	PHILP 37.4TS OPENB	EUR	8,0300	8,3200	8,0300	1828,2000	1		8,3200	220			
Certificate	NL0012494611	PHILP 38.5B0C1218B	EUR	38,3500	38,3900	38,3500				38,3900				
Certificate	NL0013004286	PHILP 39.8TS OPENB	EUR	10,7000	10,9900	10,7000				10,9900				
Certificate	LU1757007148	PHILP 40.7TPIOPENS	EUR	7,8600	8,1800	7,8600				8,1800				
Certificate	NL0012784292	PHILP 42.3TS OPENB	EUR	13,3900	13,6800	13,3900				13,6800				
Certificate	NL0012787733	PHILP 44.8TS OPENB	EUR	16,0300	16,3200	16,0300				16,3200				
Certificate	NL0011039680	PHILP11.05TL OPENH	EUR	22,1200	22,1200	21,8200				21,8200				
Certificate	NL0011040407	PHILP13.18TL OPENH	EUR	20,1400	20,1400	19,8400				19,8400				
Certificate	NL0011051669	PHILP15.12TL OPENH	EUR	18,3300	18,3300	18,0300				18,0300				
Certificate	NL0011039672	PHILP15.31TL OPENH	EUR	18,1500	18,1500	17,8500				17,8500				
Certificate	NL0011039664	PHILP17.45TL OPENH	EUR	16,1700	16,1700	15,8700				15,8700				
Certificate	NL0011040381	PHILP18.51TL OPENH	EUR	15,1800	15,1800	14,8800				14,8800				
Certificate	DE000CF805U2	PHILP19.13TL OPENC	EUR	14,9200	14,9200	14,9200				14,9200				
Certificate	NL0011602446	PHILP19.25TL OPENH	EUR	14,4900	14,4900	14,1900				14,1900				
Certificate	DE000CF04HN0	PHILP19.84TL OPENC	EUR	14,1700	14,1700	14,1700				14,1700				
Certificate	NL0011743448	PHILP19.99TL OPENH	EUR	13,8000	13,8000	13,5000				13,5000				
Certificate	DE000CR9P4K9	PHILP20.07TL OPENZ	EUR	12,7950	12,7950	12,5650				12,5650				
Certificate	NL0011650874	PHILP20.42BL OPENB	EUR	12,1700	12,1700	11,8500				11,8500				
Certificate	DE000CC3ZGJ2	PHILP20.91TL OPENC	EUR	13,9000	13,9000	13,9000				13,9000				
Certificate	NL0011896634	PHILP21.03TL OPENH	EUR	12,8400	12,8400	12,5400				12,5400				
Certificate	DE000CZ79W64	PHILP21.49TL OPENZ	EUR	10,8100	10,8100	10,5700				10,5700				
Certificate	DE000CD624M6	PHILP21.61TL OPENZ	EUR	11,3150	11,3150	11,0750				11,0750				
Certificate	NL0011927983	PHILP22.06TL OPENH	EUR	11,8700	11,8700	11,5700				11,5700				
Certificate	NL0011916341	PHILP23.61BL OPENB	EUR	8,9900	8,9900	8,6700				8,6700				
Certificate	DE000CD62N86	PHILP23.64TL OPENZ	EUR	9,3350	9,3350	9,0950				9,0950				
Certificate	NL0011970603	PHILP24.13TL OPENH	EUR	9,9500	9,9500	9,6500				9,6500				
Certificate	DE000CD62LD6	PHILP24.47TL OPENZ	EUR	7,8400	7,8400	7,6000				7,6000				
Certificate	NL0011989389	PHILP24.64TL OPENH	EUR	9,4700	9,4700	9,1700				9,1700				
Certificate	NL0011918941	PHILP24.67BL OPENB	EUR	7,9200	7,9200	7,6000				7,6000				
Certificate	NL0011990411	PHILP25.15TL OPENH	EUR	9,0000	9,0000	8,7000				8,7000				
Certificate	NL0011990403	PHILP25.67TL OPENH	EUR	8,5200	8,5200	8,2200				8,2200				
Certificate	DE000CD632F3	PHILP25.95TL OPENZ	EUR	6,3650	6,3650	6,1350				6,1350				
Certificate	NL0012057699	PHILP26.16TL OPENH	EUR	8,0600	8,0600	7,7600				7,7600				
Certificate	NL0012179048	PHILP26.68TL OPENH	EUR	7,5700	7,5700	7,2700				7,2700				
Certificate	NL0012113070	PHILP26.77BL OPENB	EUR	5,8300	5,8300	5,5100				5,5100				
Certificate	NL0012197511	PHILP27.19TL OPENH	EUR	7,1000	7,1000	6,8000				6,8000				
Certificate	DE000CE6C2H5	PHILP27.22TL OPENZ	EUR	5,8650	5,8650	5,6250				5,6250				
Certificate	DE000CE6BR47	PHILP27.44TL OPENZ	EUR	4,8750	4,8750	4,6450				4,6450				
Certificate	NL0012118061	PHILP27.82BL OPENB	EUR	4,7800	4,7800	4,4600				4,4600				
Certificate	LU1840981135	PHILP28.15TCIOPENS	EUR	4,3500	4,3500	4,0300				4,0300				
Certificate	NL0012203046	PHILP28.23TL OPENH	EUR	6,1400	6,1400	5,8400				5,8400				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012121669	PHILP28.86BL OPENB	EUR	3,7400	3,7400	3,4200			3,4200					
Certificate	DE000CE6C2C6	PHILP28.93TL OPENZ	EUR	3,4150	3,4150	3,1850			3,1850					
Certificate	NL0012600050	PHILP29.34TL OPENH	EUR	5,1000	5,1000	4,8000			4,8000					
Certificate	LU1859832690	PHILP29.72TCIOPENS	EUR	2,8000	2,8000	2,4800			2,4800					
Certificate	NL0013014822	PHILP29.86BL OPENB	EUR	2,7400	2,7400	2,4200			2,4200					
Certificate	NL0012604490	PHILP30.28TL OPENH	EUR	4,2300	4,2300	3,9300			3,9300					
Certificate	LU1841153106	PHILP30.67TCIOPENS	EUR	1,8500	1,8500	1,5400			1,5400					
Certificate	NL0013018393	PHILP30.86BL OPENB	EUR	1,7400	1,7400	1,4200			1,4200					
Certificate	DE000CJ3P2M0	PHILP31.26TL OPENZ	EUR	0,3900	0,3900	0,3400			0,3400					
Certificate	LU1859912534	PHILP31.58TCIOPENS	EUR	0,9700	0,9700	0,6500	81,0000	1	0,6500	100				
Certificate	NL0013156706	PHILP31.86BL OPENB	EUR											
Certificate	LU1859714658	PHILP35.05TCIOPENS	EUR	2,7500	3,0700	2,7500			3,0700					
Certificate	NL0013015050	PHILP35.08BS OPENB	EUR	2,9300	3,2300	2,9300			3,2300					
Certificate	DE000CJ3P9P6	PHILP35.46TS OPENZ	EUR	0,6700	0,7100	0,6700	147,4000	1	0,7100	220				
Certificate	LU1840979667	PHILP36.36TCIOPENS	EUR	4,0100	4,3400	4,0100			4,3400					
Certificate	NL0013079379	PHILP37.05TS OPENH	EUR	7,6900	8,1000	7,6900	3885,0000	1	8,1000	500				
Certificate	NL0013007024	PHILP37.07BS OPENB	EUR	4,9200	5,2200	4,9200			5,2200					
Certificate	LU1840912320	PHILP37.76TCIOPENS	EUR	5,3900	5,7100	5,3900			5,7100					
Certificate	DE000CJ3N492	PHILP38.45TS OPENZ	EUR	1,2600	1,3100	1,2600			1,3100					
Certificate	NL0012907158	PHILP38.77TS OPENH	EUR	9,5500	9,9600	9,5500			9,9600					
Certificate	NL0013004807	PHILP39.05BS OPENB	EUR	6,9100	7,2000	6,9100			7,2000					
Certificate	NL0012930879	PHILP40.67TS OPENH	EUR	11,6100	12,0200	11,6100			12,0200					
Certificate	NL0012934798	PHILP40.76TS OPENH	EUR	11,7000	12,1100	11,7000			12,1100					
Certificate	NL0012784938	PHILP41.03BS OPENB	EUR	8,8900	9,1800	8,8900			9,1800					
Certificate	NL0012847180	PHILP41.39TS OPENH	EUR	12,3800	12,7900	12,3800			12,7900					
Certificate	DE000CV88GV5	PHILP41.92TS OPENZ	EUR	1,9500	2,0000	1,9500			2,0000					
Certificate	LU1817099101	PHILP42.28TCIOPENS	EUR	9,7600	10,0900	9,7600			10,0900					
Certificate	NL0012900336	PHILP42.93TS OPENH	EUR	14,0400	14,4500	14,0400			14,4500					
Certificate	NL0012847172	PHILP43.36TS OPENH	EUR	14,5100	14,9200	14,5100			14,9200					
Certificate	NL0012900039	PHILP45.91TS OPENH	EUR	17,2600	17,6700	17,2600			17,6700					
Certificate	DE000CV890Y6	PHILP46.92TS OPENZ	EUR	2,9500	3,0000	2,9500			3,0000					
Certificate	NL0012890800	PHILP47.77TS OPENH	EUR	19,2800	19,6900	19,2800			19,6900					
Certificate	NL0012899496	PHILP47.89TS OPENH	EUR	19,4100	19,8200	19,4100			19,8200					
Certificate	DE000CR1JQ96	PHIM070.56TL OPENZ	EUR	2,4400	2,4400	2,4300			2,4300					
Certificate	NL0000451870	PLATI PI OPENN	EUR	6,8300	6,8800	6,8300			6,8800					
Certificate	DE000CJ3QUF3	PLATI 519TL OPENZ	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CV8A7N6	PLATI 619TL OPENZ	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	NL0012989800	PLATI 625TL OPENB	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CJ3QXG5	PLATI 672TL OPENZ	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	NL0012977946	PLATI 675TL OPENB	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000VA6D4M8	PLATI 684TL OPENV	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000VASRJU4	PLATI 708TL OPENV	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000CN6HPP8	PLATI 722TL OPENZ	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0011540257	PLATI 728TL OPENB	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000VA3Z583	PLATI 732TL OPENV	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	NL0012888895	PLATI 750TL OPENH	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000VASRJV2	PLATI 758TL OPENV	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	NL0012888887	PLATI 760TL OPENH	EUR	0,5700	0,5700	0,5400	855,0000	1	0,5400	1500				
Certificate	DE000CN6HAR6	PLATI 764TL OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0012888879	PLATI 770TL OPENH	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	NL0012999973	PLATI 779TL OPENB	EUR											
Certificate	DE000VAGECU5	PLATI 784TL OPENV	EUR											
Certificate	DE000VN9H870	PLATI 801TS OPENV	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000VA3D895	PLATI 806TL OPENV	EUR											
Certificate	NL0013190861	PLATI 810TS OPENH	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000VA90Z62	PLATI 826TS OPENV	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	NL0013189657	PLATI 830TS OPENH	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000VA3D9A5	PLATI 831TL OPENV	EUR											
Certificate	NL0013164205	PLATI 844TS OPENB	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000VA90XX6	PLATI 851TS OPENV	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000VA3D9B3	PLATI 856TL OPENV	EUR											
Certificate	DE000VA9CV52	PLATI 876TS OPENV	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	NL0012923429	PLATI 879TS OPENH	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CV8A7Q9	PLATI 893TS OPENZ	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	NL0012977953	PLATI 894TS OPENB	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	NL0012923411	PLATI 899TS OPENH	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000VA3K5K6	PLATI 908TS OPENV	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	NL0012923403	PLATI 919TS OPENH	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000VA2T9P6	PLATI 933TS OPENV	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	NL0012786511	PLATI 945TS OPENB	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	DE000VA2T9Q4	PLATI 958TS OPENV	EUR	1,9450	1,9450	1,9450			1,9450					
Certificate	DE000VA87DJ3	PLATI 977TS OPENV	EUR	2,1850	2,1850	2,1850			2,1850					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV8A7R7	PLATI 991TS OPENZ	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	NL0012021257	PLATI 1046TS OPENB	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	DE000CD63A80	PLATI 1088TS OPENZ	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	NL0011050364	PLATI 1174TS OPENH	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000CN6LBE4	PLATI 1196TS OPENZ	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	NL0011050356	PLATI 1214TS OPENH	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	NL0011050349	PLATI 1287TS OPENH	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	NL0010155727	PLATI 1552TL OPENA	EUR											
Certificate	DE000VA4YV82	PLATI 719.TL OPENV	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	DE000CV8B558	PLATI 800.TL OPENZ	EUR											
Certificate	DE000VA6D4N6	PLATI670.6TL OPENV	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000VA3TKT5	PLATI742.8TL OPENV	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	DE000VAGEBS1	PLATI770.9TL OPENV	EUR	0,1450	0,1450	0,1450			0,1450					
Certificate	DE000VN9H862	PLATI804.6TS OPENV	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	DE000VA9OZ47	PLATI829.8TS OPENV	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	DE000VA9OXW8	PLATI854.8TS OPENV	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	DE000VA3TKR9	PLATI887.3TS OPENV	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	DE000VA3KSJ8	PLATI912.7TS OPENV	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000VA1SSV0	PLATI940.6TS OPENV	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	DE000VL9VUE6	PLATI966.6TS OPENV	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	DE000VA87DH7	PLATI981.3TS OPENV	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	NL0012796742	PLATN LEVOPENZ	EUR	34,5500	34,5500	34,5500			34,5500					
Certificate	NL0012796767	PLATN SHROPENZ	EUR	55,6500	55,6500	55,6500			55,6500					
Certificate	NL0009067156	PORSC 20TL OPENB	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	NL0009992999	PORSC 29TL OPENB	EUR	2,6250	2,6250	2,6250			2,6250					
Certificate	NL0011438312	PORSC 32.9TL OPENB	EUR	2,2550	2,3950	2,2550			2,3950					
Certificate	NL0012020812	PORSC 42.4TL OPENB	EUR	1,3750	1,5050	1,3750			1,5050					
Certificate	NL0012038780	PORSC 45.4TL OPENB	EUR	1,0850	1,2250	1,0850			1,2250					
Certificate	NL0012494421	PORSC 48.5TL OPENB	EUR	0,8050	0,9450	0,8050			0,9450					
Certificate	NL0013018781	PORSC 51.3BL OPENB	EUR	0,2600	0,3900	0,2600			0,3900					
Certificate	NL0013019144	PORSC 51.5TL OPENB	EUR											
Certificate	NL0013148521	PORSC 54.5TL OPENB	EUR											
Certificate	NL0013162696	PORSC 58.7TS OPENB	EUR	1,0250	1,0250	0,8950			0,8950					
Certificate	NL0012998603	PORSC 62.5BS OPENB	EUR	1,0100	1,0100	0,8700			0,8700					
Certificate	NL0012973168	PORSC 63.7TS OPENB	EUR	1,5650	1,5650	1,4350			1,4350					
Certificate	NL0012697221	PORSC 78.5TS OPENB	EUR	3,1550	3,1550	3,0250			3,0250					
Certificate	NL0013016504	PORSC36.24BL OPENB	EUR	1,7600	1,9000	1,7600			1,9000					
Certificate	DE000CN6EZT6	PORSC37.06TL OPENZ	EUR	1,6150	1,7300	1,6150			1,7300					
Certificate	DE000CN6KAM1	PORSC41.08TL OPENZ	EUR	1,2150	1,3300	1,2150			1,3300					
Certificate	NL0012998579	PORSC41.25BL OPENB	EUR	1,2600	1,4000	1,2600			1,4000					
Certificate	NL0012998587	PORSC46.28BL OPENB	EUR	0,7600	0,8900	0,7600			0,8900					
Certificate	DE000CD63V44	PORSC46.54TL OPENZ	EUR	0,6750	0,8300	0,6750	830,0000	1	0,7800	1000				
Certificate	DE000CJ3PQY4	PORSC51.53TL OPENZ	EUR											
Certificate	NL0013164122	PORSC57.51BS OPENB	EUR	0,5100	0,5100	0,3700			0,3700					
Certificate	NL0012998611	PORSC67.46BS OPENB	EUR	1,5000	1,5000	1,3700			1,3700					
Certificate	NL0012795900	POST LEVOPENZ	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	NL0012795942	POST SHROPENZ	EUR	182,2300	182,2300	182,2300			182,2300					
Certificate	DE000VN9HFFH7	POST 2TL 0319V	EUR	0,1550	0,1550	0,1550			0,1550					
Certificate	DE000VA7PVF0	POST 3TS 0319V	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	DE000VA7PVJ2	POST 3TS 1218V	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	NL0010010567	POST 0.7TL OPENB	EUR	1,4400	1,4400	1,4350	5760,0000	1	1,4350	4000				
Certificate	NL0010009080	POST 0.9TL OPENB	EUR	1,3000	1,3150	1,2950	734,5000	1	1,3150	565				
Certificate	NL0010438750	POST 1.5TL OPENB	EUR	0,7600	0,8000	0,7550	12836,5200	8	0,7750	16502				
Certificate	DE000VN9HC04	POST 2.1TL 0319V	EUR											
Certificate	DE000VA8FX58	POST 2.2TL 0319V	EUR											
Certificate	DE000VA71T55	POST 2.3TL 0319V	EUR											
Certificate	DE000VA8FX33	POST 2.3TL 1218V	EUR											
Certificate	DE000VN9HCY9	POST 2.3TS 0319V	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	DE000VN9HCZ6	POST 2.4TS 0319V	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	DE000VN9G8A1	POST 2.5TS 0319V	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	DE000VN9G551	POST 2.6TS 0319V	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	DE000VA9CSL8	POST 2.7TS 0319V	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000VA9CSM6	POST 2.7TS 1218V	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	NL0013149255	POST 2.7TS OPENB	EUR	0,8550	0,9350	0,8550			0,9350					
Certificate	DE000VA71MD1	POST 2.8TS 0319V	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000VA71MW1	POST 2.8TS 1218V	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	DE000VA71MG4	POST 2.9TS 0319V	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	DE000VA7PS21	POST 3.1TS 0319V	EUR	1,0950	1,0950	1,0950			1,0950					
Certificate	DE000VA7PS62	POST 3.1TS 1218V	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	NL0012795397	POST 3.2BOC0319Z	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0012795389	POST 3.2BOC1218Z	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000VA7PS39	POST 3.2TS 0319V	EUR	1,1950	1,1950	1,1950			1,1950					



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	DE000VA64Y57	POST 3.2TS 1218V	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	NL0013002991	POST 3.2TS OPENB	EUR	1,4050	1,4850	1,4050			1,4850					
Certificate	NL0012796445	POST 3.3B0C1219Z	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0012796213	POST 3.3B0N1219Z	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	DE000VA6T258	POST 3.3TS 1218V	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	NL0012795710	POST 3.4B0C0919Z	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	DE000VA6D7Q2	POST 3.4TS 1218V	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	DE000VA3Z2B8	POST 3.5TS 1218V	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	DE000VA3Z2R8	POST 3.6TS 1218V	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	DE000VA4YR65	POST 3.7TS 1218V	EUR	1,6850	1,6850	1,6850			1,6850					
Certificate	NL0010376455	POST 1.18TL OPENB	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CJ3QVD6	POST 1.38TL OPENZ	EUR	0,6900	0,7100	0,6900	30235,0000	9	0,7050	43500				
Certificate	DE000CJ3QWA0	POST 1.58TL OPENZ	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	NL0010887642	POST 1.71TL OPENB	EUR	0,6350	0,6350	0,5400	16804,0000	8	0,5550	30600				
Certificate	NL0010443503	POST 1.72TL OPENB	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CJ3P2E9	POST 1.83TL OPENZ	EUR	0,3900	0,4100	0,3500	2168,9000	7	0,3750	5820				
Certificate	DE000CJ3QXE0	POST 1.88TL OPENZ	EUR	0,2400	0,2400	0,2000	8670,0000	19	0,2150	39250				
Certificate	NL0010887659	POST 2.09TL OPENB	EUR	0,3050	0,3050	0,2700	324,0000	1	0,2750	1200				
Certificate	DE000CJ3P2F6	POST 2.13TL OPENZ	EUR											
Certificate	LU1840981564	POST 2.14TCIOPENS	EUR											
Certificate	NL0010658993	POST 2.21TL OPENB	EUR											
Certificate	NL0010875464	POST 2.33TL OPENB	EUR											
Certificate	DE000CJ3QM54	POST 2.43TL OPENZ	EUR											
Certificate	NL0013162704	POST 2.45TS OPENB	EUR	0,5650	0,6450	0,5650			0,6450					
Certificate	DE000VA7TGB2	POST 2.77TS OPENV	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	DE000VA7TGC0	POST 2.87TS OPENV	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0013110281	POST 2.88B0C0619Z	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0013110695	POST 2.88B0C0919Z	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	NL0013005630	POST 2.96TS OPENB	EUR	1,1250	1,2050	1,1250			1,2050					
Certificate	DE000VA7TGD8	POST 2.97TS OPENV	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	NL0013110299	POST 3.06B0C0919Z	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000VA7TGE6	POST 3.07TS OPENV	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000VA7TGF3	POST 3.17TS OPENV	EUR	1,1150	1,1150	1,1150			1,1150					
Certificate	NL0013110307	POST 3.24B0C1219Z	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	NL0012691026	POST 3.46TS OPENB	EUR	1,6850	1,7650	1,6850			1,7650					
Certificate	LU1790493339	POST 3.85TPIOPENS	EUR	1,6900	1,7600	1,6900			1,7600					
Certificate	NL0011089560	POST 4.68TS OPENB	EUR	3,1850	3,2650	3,1850			3,2650					
Certificate	DE000CJ3PFU5	POST 1.581TL OPENZ	EUR	0,5500	0,5500	0,4800	27932,5500	19	0,5050	55965				
Certificate	NL0013164023	POST 1.7168L OPENB	EUR	0,4950	0,4950	0,4250			0,4250					
Certificate	DE000CV8AWU5	POST 1.778TL OPENZ	EUR	0,3600	0,3600	0,3000	43837,5000	34	0,3300	139150				
Certificate	NL0013014343	POST 1.9158L OPENB	EUR	0,3000	0,3000	0,1950	4787,0000	6	0,2250	21135				
Certificate	DE000VN9HC87	POST 1.928TL OPENV	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	DE000CV8AUG8	POST 1.978TL OPENZ	EUR	0,1000	0,1600	0,1000	10380,0000	25	0,1150	84920				
Certificate	DE000VN9G7D7	POST 2.028TL OPENV	EUR	0,1100	0,1100	0,0950	110,0000	1	0,0950	1000				
Certificate	DE000CJ3PFV3	POST 2.081TL OPENZ	EUR	0,0670	0,0670	0,0200	242,1000	5	0,0200	5900				
Certificate	NL0013008758	POST 2.1158L OPENB	EUR											
Certificate	DE000VN9HCC5	POST 2.128TL OPENV	EUR											
Certificate	DE000CN6FUK3	POST 2.182TL OPENZ	EUR											
Certificate	DE000VA71TF1	POST 2.223TL OPENV	EUR											
Certificate	DE000VN9HET5	POST 2.261TS OPENV	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	DE000CF3AQM5	POST 2.297TL OPENC	EUR	0,2100	0,2100	0,0800	386,1700	4	0,0800	4077				
Certificate	NL0013004716	POST 2.3158L OPENB	EUR											
Certificate	DE000VA7TGG1	POST 2.323TL OPENV	EUR											
Certificate	DE000CN6FQS4	POST 2.339TL OPENZ	EUR											
Certificate	DE000VN9HCA9	POST 2.361TS OPENV	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	DE000CJ3QK56	POST 2.441TL OPENZ	EUR											
Certificate	DE000VN9G7B1	POST 2.461TS OPENV	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000CJ3QVE4	POST 2.479TS OPENZ	EUR	0,4400	0,4400	0,4150	430,0000	2	0,4150	1000				
Certificate	DE000CJ3QNT9	POST 2.541TL OPENZ	EUR											
Certificate	DE000VN9G7C9	POST 2.561TS OPENV	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	NL0013163413	POST 2.5758S OPENB	EUR	0,4850	0,5550	0,4850			0,5550					
Certificate	DE000VN9G5W1	POST 2.661TS OPENV	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000CJ3QRZ7	POST 2.679TS OPENZ	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	NL0013007032	POST 2.8748S OPENB	EUR	0,7850	0,8900	0,7850	44,5000	1	0,8550	50				
Certificate	DE000CJ3N5B0	POST 2.874TS OPENZ	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	DE000CJ3NZS2	POST 3.121TS OPENZ	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	NL0013003692	POST 3.1738S OPENB	EUR	1,0750	1,1550	1,0750			1,1550					
Certificate	DE000VA6T2N2	POST 3.273TS OPENV	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	DE000CV89NF2	POST 3.366TS OPENZ	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	DE000VA3TES0	POST 3.465TS OPENV	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	NL001298249	POST 3.471BS OPENB	EUR	1,3750	1,4550	1,3750			1,4550					
Certificate	DE000CV8AUK0	POST 3.563TS OPENZ	EUR	1,4950	1,4950	1,4950			1,4950					



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	DE000VN66NU6	POST 4.606TS OPENV	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	NL0013012289	PROX 25TS OPENB	EUR	4,2950	4,2950	3,7250			3,7250					
Certificate	NL0012976492	PROX 15.4TL OPENB	EUR	8,5450	9,0950	8,5450			9,0950					
Certificate	NL0012971253	PROX 16.8TL OPENB	EUR	7,2250	7,7750	7,2250	1140,0000	1	7,7750	150				
Certificate	NL0012790505	PROX 18.4TL OPENB	EUR	5,7950	6,3450	5,7950			6,3450					
Certificate	NL0013007883	PROX 19.9TL OPENB	EUR	4,3250	4,8750	4,3250			4,8750					
Certificate	NL0013015407	PROX 21.5TL OPENB	EUR	2,8450	3,3950	2,8450			3,3950					
Certificate	NL0012695548	PROX 26.6TS OPENB	EUR	6,0450	6,0450	5,4750			5,4750					
Certificate	NL0013158702	PROX 28.1TS OPENB	EUR	7,6150	7,6150	7,0450			7,0450					
Certificate	DE000CJ3NS69	PROX 12.24TL OPENZ	EUR	11,0800	11,0800	11,0800			11,0800					
Certificate	DE000CV89G58	PROX 16.25TL OPENZ	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	DE000CD63765	PROX 18.26TL OPENZ	EUR	5,0750	5,0750	5,0750			5,0750					
Certificate	DE000CJ3N229	PROX 20.25TL OPENZ	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	DE000CJ3QLW7	PROX 22.24TL OPENZ	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	DE000CJ3PQL1	PRU 14.3TL OPENZ	EUR											
Certificate	DE000CJ3N4M0	PRU 10.79TL OPENZ	EUR	0,7600	0,7600	0,7500			0,7500					
Certificate	DE000CV87TG1	PRU 12.81TL OPENZ	EUR	0,3300	0,3300	0,3100			0,3100					
Certificate	DE000CJ3QUC0	PRU 9.284TL OPENZ	EUR	1,1000	1,1000	1,0800			1,0800					
Certificate	DE000CD61QU1	PSI20 3485TL OPENZ	EUR	12,7800	12,7800	12,7800			12,7800					
Certificate	DE000CN6HNE7	PSI20 3793TL OPENZ	EUR	9,7100	9,7100	9,7100			9,7100					
Certificate	DE000CR6XM14	PSI20 4105TL OPENZ	EUR	6,5900	6,5900	6,5900			6,5900					
Certificate	DE000CE6BFN8	PSI20 4406TL OPENZ	EUR	3,5850	3,5850	3,5850			3,5850					
Certificate	DE000CE6C6Q7	PSI20 4704TL OPENZ	EUR	1,3400	1,3400	0,5950	225,2000	2	0,5950	235				
Certificate	DE000CJ3PNP9	PSI20 5286TS OPENZ	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CE6CSX8	PSI20 5684TS OPENZ	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	DE000CE6EYF9	PSI20 6081TS OPENZ	EUR	13,3100	13,3100	13,3100			13,3100					
Certificate	DE000CV4ZC42	PSI20 6477TS OPENZ	EUR	17,2800	17,2800	17,2800			17,2800					
Certificate	NL0013150824	PSMG 16.5TL OPENB	EUR											
Certificate	NL0013150899	PSMG 19.9TS OPENB	EUR	0,6150	0,6150	0,5850			0,5850					
Certificate	NL0012794663	PSMG 25.8TS OPENB	EUR	1,2650	1,2650	1,2350			1,2350					
Certificate	DE000CJ3P7P4	PSMG 11.12TL OPENZ	EUR	0,5050	0,5150	0,5050			0,5150					
Certificate	DE000CJ3PL64	PSMG 13.15TL OPENZ	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	NL0013165350	PSMG 13.49TL OPENB	EUR	0,3750	0,4050	0,3750			0,4050					
Certificate	NL0013150816	PSMG 14.99TL OPENB	EUR	0,2350	0,2650	0,2350			0,2650					
Certificate	DE000CV89QV6	PSMG 15.15TL OPENZ	EUR	0,1050	0,1150	0,1050			0,1150					
Certificate	NL0013164502	PSMG 16.49TL OPENB	EUR											
Certificate	DE000CJ3QMK0	PSMG 17.14TL OPENZ	EUR											
Certificate	NL0013010226	PSMG 22.86TS OPENB	EUR	0,9450	0,9450	0,9050			0,9050					
Certificate	NL0012788848	PSMG 28.74TS OPENB	EUR	1,5950	1,5950	1,5650			1,5650					
Certificate	NL0012685705	PSMG 31.65TS OPENB	EUR	1,9150	1,9150	1,8850			1,8850					
Certificate	DE000CJ3N815	PST 4.52TL OPENZ	EUR	2,3000	2,3000	2,2600			2,2600					
Certificate	DE000CV8AUT1	PST 5.31TL OPENZ	EUR	1,5400	1,5400	1,5000			1,5000					
Certificate	DE000CJ3PWD6	PST 6.14TL OPENZ	EUR	0,7500	0,7500	0,7200			0,7200					
Certificate	DE000CJ3QTQ2	PUBLI32.92TL OPENZ	EUR	1,5850	1,6000	1,5850			1,6000					
Certificate	DE000CV87W35	PUBLI39.94TL OPENZ	EUR	0,8850	0,9000	0,8850			0,9000					
Certificate	DE000CV4YXP2	PUBLI44.99TL OPENZ	EUR	0,3850	0,4000	0,3850			0,4000					
Certificate	NL0009863422	QUALC 34.4TL OPENB	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0012020440	QUALC 84.9TS OPENB	EUR	3,1050	3,1050	3,1050			3,1050					
Certificate	DE000CE6BQT2	RANDS LEVOPENZ	EUR	5,7350	5,7350	5,6350			5,6350					
Certificate	NL0012796049	RANDS SHROPENZ	EUR	94,9900	96,4700	94,9900			96,4700					
Certificate	DE000CP07A36	RANDS 32TL OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CP06WZ7	RANDS 32TL OPENC	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	LU1876931871	RANDS 36TCIOPENS	EUR	3,6200	4,0000	3,6200			4,0000					
Certificate	DE000VN9HFM7	RANDS 36TL 0319V	EUR	0,3650	0,3650	0,3650			0,3650					
Certificate	DE000CP23532	RANDS 36TL OPENC	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CP232J0	RANDS 36TL OPENC	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	LU1876931954	RANDS 37TCIOPENS	EUR	2,6300	3,0100	2,6300			3,0100					
Certificate	DE000VN9HAE5	RANDS 37TL 0319V	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	LU1876932093	RANDS 38TCIOPENS	EUR	1,6500	2,0200	1,6500			2,0200					
Certificate	DE000VA8FU93	RANDS 38TL 0319V	EUR	0,1850	0,1850	0,1850			0,1850					
Certificate	LU1876932176	RANDS 39TCIOPENS	EUR											
Certificate	DE000VA71NB3	RANDS 39TL 0319V	EUR											
Certificate	DE000VA71ND9	RANDS 40TL 0319V	EUR											
Certificate	DE000VA71T89	RANDS 40TL 1218V	EUR											
Certificate	DE000CP06X06	RANDS 40TL OPENC	EUR											
Certificate	DE000CP07A44	RANDS 40TL OPENC	EUR											
Certificate	DE000VN9HFK1	RANDS 40TS 0319V	EUR											
Certificate	DE000VA90VL5	RANDS 41TL 0319V	EUR											
Certificate	DE000VN9HAC9	RANDS 41TS 0319V	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	DE000VN9G889	RANDS 42TS 0319V	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	LU1876937647	RANDS 43TCIOPENS	EUR											
Certificate	DE000VN9G8C7	RANDS 43TS 0319V	EUR	0,4150	0,4150	0,4150			0,4150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1876937720	RANDS 44TPIOPENS	EUR											
Certificate	DE000VN9G585	RANDS 44TS 0319V	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	DE000CP23QQ3	RANDS 44TS OPENC	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CP23NU2	RANDS 44TS OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	LU1876937993	RANDS 45TPIOPENS	EUR	6,3700	6,3700	5,9800			5,9800					
Certificate	DE000VA9CSP9	RANDS 45TS 0319V	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	DE000VA9CSQ7	RANDS 45TS 1218V	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	LU1876938025	RANDS 46TPIOPENS	EUR	7,3600	7,3600	6,9700			6,9700					
Certificate	DE000VA71M52	RANDS 46TS 0319V	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	DE000VA71NM0	RANDS 46TS 1218V	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	DE000VA7PVK0	RANDS 47TS 0319V	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	DE000VA64XQ5	RANDS 47TS 1218V	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	LU1840912593	RANDS 48TPIOPENS	EUR	9,1600	9,1600	8,7700			8,7700					
Certificate	DE000VA7PS70	RANDS 48TS 0319V	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	DE000VA6T274	RANDS 48TS 1218V	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	DE000CP07A69	RANDS 48TS OPENC	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CP06X22	RANDS 48TS OPENC	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	DE000VA7PS88	RANDS 49TS 0319V	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	NL0012796239	RANDS 50BON0619Z	EUR	39,5900	39,5900	39,4700			39,4700					
Certificate	NL0012796247	RANDS 50BON0919Z	EUR	39,1400	39,1400	39,0400			39,0400					
Certificate	NL0012796254	RANDS 50BON1219Z	EUR	38,8900	38,8900	38,7400			38,7400					
Certificate	DE000VA7PS96	RANDS 50TS 0319V	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	DE000VA6TYE1	RANDS 50TS 1218V	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	NL0013003262	RANDS 51BOC0919B	EUR	39,1200	39,6300	39,1200			39,6300					
Certificate	NL0012796312	RANDS 51BOC1219Z	EUR	40,4900	40,4900	40,3600			40,3600					
Certificate	DE000VA7PTA5	RANDS 51TS 0319V	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	DE000VAGEE39	RANDS 51TS 1218V	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000CY52J55	RANDS 52TL OPENC	EUR											
Certificate	DE000CQ5A723	RANDS 52TL OPENC	EUR											
Certificate	DE000VAGEER7	RANDS 52TS 1218V	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000VA6D5L7	RANDS 54TS 1218V	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	DE000CQ5BZA1	RANDS 56TS OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000VA4RNE3	RANDS 57TS 1218V	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	NL0012676274	RANDS 60BOC1218B	EUR	39,5700	39,9800	39,5700			39,9800					
Certificate	DE000VASELZ7	RANDS 60TS 1218V	EUR	2,0550	2,0550	2,0550			2,0550					
Certificate	NL0013150535	RANDS 45.BS OPENB	EUR	6,4650	6,4650	6,0450			6,0450					
Certificate	NL0010011979	RANDS 10.9TL OPENB	EUR	29,6550	29,6550	29,6550			29,6550					
Certificate	NL0010283974	RANDS 19.7TL OPENB	EUR	21,6350	21,6350	21,6350			21,6350					
Certificate	NL0010379558	RANDS 22.6TL OPENB	EUR	18,9450	18,9450	18,9450			18,9450					
Certificate	NL0010887717	RANDS 23.3TL OPENB	EUR	17,9350	18,3150	17,9350			18,3150					
Certificate	NL0010893673	RANDS 26.3TL OPENB	EUR	15,2550	15,6350	15,2550			15,6350					
Certificate	NL0010901682	RANDS 27.3TL OPENB	EUR	14,3050	14,6850	14,3050			14,6850					
Certificate	NL0010901518	RANDS 28.3BL OPENB	EUR	11,3150	11,6950	11,3150			11,6950					
Certificate	NL0011905336	RANDS 28.9TL OPENB	EUR	12,8250	13,2050	12,8250			13,2050					
Certificate	NL0011906706	RANDS 32.1TL OPENB	EUR	9,9950	10,3750	9,9950			10,3750					
Certificate	NL0011912175	RANDS 33.7TL OPENB	EUR	8,5050	8,8850	8,5050			8,8850					
Certificate	DE000VN9G7G0	RANDS 34.8TL OPENV	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	NL0011916085	RANDS 35.2TL OPENB	EUR	7,1050	7,4850	7,1050			7,4850					
Certificate	NL0011917349	RANDS 36.8BL OPENB	EUR	2,8450	3,2250	2,8450			3,2250					
Certificate	NL0012021182	RANDS 36.8TL OPENB	EUR	5,6950	6,0750	5,6950			6,0750					
Certificate	NL0011979851	RANDS 37.8TL OPENH	EUR	4,7500	5,0300	4,7500			5,0300					
Certificate	NL0012022834	RANDS 38.3TL OPENB	EUR	4,2850	4,9900	4,2100	26231,0000	4	4,6650	5300				
Certificate	NL0013016512	RANDS 39.9BL OPENB	EUR											
Certificate	NL0012025654	RANDS 39.9TL OPENB	EUR											
Certificate	NL0013162712	RANDS 41.2TS OPENB	EUR	6,7050	6,7050	6,2850			6,2850					
Certificate	NL0013157472	RANDS 41.4TL OPENB	EUR											
Certificate	DE000VA900Q1	RANDS 41.8TL OPENV	EUR											
Certificate	NL0013162720	RANDS 43.2TS OPENB	EUR	8,9250	8,9250	8,5050			8,5050					
Certificate	DE000VA9CRZ0	RANDS 45.1TS OPENV	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	NL0013149263	RANDS 45.2TS OPENB	EUR	11,1650	11,1650	10,7450			10,7450					
Certificate	NL0013003007	RANDS 47.2TS OPENB	EUR	13,3650	13,3650	12,9450			12,9450					
Certificate	DE000VA64X25	RANDS 47.2TS OPENV	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000VA6T2R3	RANDS 48.2TS OPENV	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	NL0013001993	RANDS 49.2TS OPENB	EUR	15,5450	15,5450	15,1250			15,1250					
Certificate	NL0013000144	RANDS 50.6TS OPENB	EUR	17,1750	17,1750	16,7550			16,7550					
Certificate	NL0012494629	RANDS 56.5BOC1218B	EUR	39,5800	39,9900	39,5800			39,9900					
Certificate	NL0012696876	RANDS 56.7TS OPENB	EUR	23,8350	23,8350	23,4150			23,4150					
Certificate	NL0011721832	RANDS 62.9TS OPENH	EUR	30,8000	30,8000	30,6900			30,6900					
Certificate	NL0012366272	RANDS 66.6TS OPENH	EUR	34,9100	34,9100	34,8000			34,8000					
Certificate	NL0012366264	RANDS 69.5TS OPENH	EUR	38,1300	38,1300	38,0200			38,0200					
Certificate	NL0012366256	RANDS 72.4TS OPENH	EUR	41,3500	41,3500	41,2400			41,2400					
Certificate	NL0012558308	RANDS 86.3TS OPENH	EUR	56,7800	56,7800	56,6700			56,6700					



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	NL0012366306	RANDS12.23TL OPENH	EUR	28,0000	28,2800	28,0000			28,2800					
Certificate	NL0011721857	RANDS16.98TL OPENH	EUR	23,6900	23,9600	23,6900			23,9600					
Certificate	NL0012366298	RANDS21.43TL OPENH	EUR	19,6300	19,9100	19,6300			19,9100					
Certificate	NL0011904297	RANDS25.55BL OPENB	EUR	14,0950	14,4750	14,0950			14,4750					
Certificate	NL0011230503	RANDS25.63TL OPENH	EUR	15,8100	16,0900	15,8100			16,0900					
Certificate	NL0010901500	RANDS26.62BL OPENB	EUR	12,9850	13,3650	12,9850			13,3650					
Certificate	DE000CJ3QCX4	RANDS27.99TL OPENZ	EUR	2,5150	2,5150	2,4950			2,4950					
Certificate	DE000CJ3NUG8	RANDS28.13TL OPENZ	EUR	2,2850	2,2850	2,2550			2,2550					
Certificate	NL0011927009	RANDS29.51TL OPENH	EUR	12,2900	12,5600	12,2900			12,5600					
Certificate	NL0011926985	RANDS31.59TL OPENH	EUR	10,4000	10,6700	10,4000			10,6700					
Certificate	NL0011927991	RANDS32.63TL OPENH	EUR	9,4500	9,7300	9,4500			9,7300					
Certificate	DE000CJ3NS26	RANDS32.88TL 1218Z	EUR	1,3750	1,3750	1,3550			1,3550					
Certificate	DE000CD624N4	RANDS32.95TL OPENZ	EUR	7,8200	7,8200	7,6900			7,6900					
Certificate	DE000VN9HEV1	RANDS33.77TL OPENV	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CD625J9	RANDS34.13TL OPENZ	EUR	5,4600	5,4600	5,3400			5,3400					
Certificate	DE000CJ3P3Y5	RANDS34.38TL 0319Z	EUR	1,0850	1,0850	1,0550			1,0550					
Certificate	LU1840981648	RANDS34.71TCIOPENS	EUR	4,8000	5,1800	4,8000			5,1800					
Certificate	NL0011934161	RANDS34.71TL OPENH	EUR	7,5600	7,8400	7,5600			7,8400					
Certificate	DE000CJ3NS34	RANDS35.88TL 1218Z	EUR	0,7950	0,7950	0,7650			0,7650					
Certificate	DE000CD62KD8	RANDS36.04TL OPENZ	EUR	4,8500	4,8500	4,7300			4,7300					
Certificate	DE000CD62874	RANDS36.61TL OPENZ	EUR	3,0300	3,2500	2,9100	191,7500	1	2,9100	59				
Certificate	DE000VA8FT47	RANDS36.66TL OPENV	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	NL0011979406	RANDS36.76TL OPENH	EUR	5,6900	5,9700	5,6900			5,9700					
Certificate	DE000CJ3P322	RANDS37.38TL 0319Z	EUR	0,4950	0,4950	0,4750			0,4750					
Certificate	DE000VA7TGN7	RANDS37.67TL OPENV	EUR	0,1900	0,2000	0,1750	188,8200	2	0,1750	978				
Certificate	NL0012021380	RANDS37.85BL OPENB	EUR	1,7850	2,1650	1,7850			2,1650					
Certificate	DE000VA7TGP2	RANDS38.67TL OPENV	EUR											
Certificate	NL0011988985	RANDS38.82TL OPENH	EUR											
Certificate	DE000CJ3NSX7	RANDS38.88TL 1218Z	EUR											
Certificate	NL0012021893	RANDS38.91BL OPENB	EUR											
Certificate	DE000CX59GM1	RANDS38.94TL OPENC	EUR											
Certificate	DE000CD639K8	RANDS39.56TL OPENZ	EUR											
Certificate	DE000VA64X33	RANDS39.68TL OPENV	EUR											
Certificate	NL0011989793	RANDS39.84TL OPENH	EUR											
Certificate	DE000VN9HEU3	RANDS40.01TS OPENV	EUR											
Certificate	LU1817373365	RANDS40.11TCIOPENS	EUR											
Certificate	DE000VA8FZT1	RANDS40.73TL OPENV	EUR											
Certificate	NL0011990429	RANDS40.86TL OPENH	EUR											
Certificate	NL0013157787	RANDS40.89BL OPENB	EUR											
Certificate	NL0013163421	RANDS41.01BS OPENB	EUR	2,4750	2,4750	2,0550			2,0550					
Certificate	DE000VN9G9U7	RANDS41.02TS OPENV	EUR	0,2050	0,2050	0,2050			0,2050					
Certificate	NL0013160112	RANDS41.89BL OPENB	EUR											
Certificate	NL0013163439	RANDS42.01BS OPENB	EUR	3,4750	3,4750	3,0550			3,0550					
Certificate	DE000VN9G7E5	RANDS42.02TS OPENV	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	NL0013190796	RANDS42.48TS OPENH	EUR	8,1300	8,1300	8,0100			8,0100					
Certificate	DE000VN9G7F2	RANDS43.02TS OPENV	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	DE000CJ3QVF1	RANDS43.77TS OPENZ	EUR	0,9050	0,9250	0,9050			0,9250					
Certificate	NL0013160971	RANDS44.01BS OPENB	EUR	5,4650	5,4650	5,0450			5,0450					
Certificate	DE000VN9G5X9	RANDS44.02TS OPENV	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	NL0013085186	RANDS45.62TS OPENH	EUR	11,6100	11,6100	11,4900			11,4900					
Certificate	NL0013009053	RANDS45.99BS OPENB	EUR	7,4550	7,4550	7,0350			7,0350					
Certificate	DE000VA7TGL1	RANDS46.16TS OPENV	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	NL0013002652	RANDS46.99BS OPENB	EUR	8,4450	8,4450	8,0250			8,0250					
Certificate	NL0012905202	RANDS47.48TS OPENH	EUR	13,6700	13,6700	13,5600			13,5600					
Certificate	DE000CJ3N5C8	RANDS48.77TS OPENZ	EUR	1,8950	1,9150	1,8950			1,9150					
Certificate	DE000VA321A6	RANDS49.12TL OPENV	EUR											
Certificate	NL0013000516	RANDS49.26BS OPENB	EUR	10,7150	10,7150	10,2950			10,2950					
Certificate	NL0012902407	RANDS49.57TS OPENH	EUR	16,0000	16,0000	15,8900			15,8900					
Certificate	DE000VA6TXY1	RANDS49.91TS OPENV	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	LU1817382788	RANDS50.16TCIOPENS	EUR	11,3800	11,3800	10,9900			10,9900					
Certificate	DE000VA6EEY3	RANDS50.91TS OPENV	EUR	1,1100	1,1100	1,0550	326,0000	3	1,0950	300				
Certificate	NL0012901177	RANDS51.55TS OPENH	EUR	18,2000	18,2000	18,0800			18,0800					
Certificate	DE000VA6EEZ0	RANDS51.91TS OPENV	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	LU1817291633	RANDS52.54TCIOPENS	EUR	13,7700	13,7700	13,3700			13,3700					
Certificate	NL0012898050	RANDS53.51TS OPENH	EUR	20,3700	20,3700	20,2600			20,2600					
Certificate	NL0012976658	RANDS54.25B0C0619B	EUR	39,9600	40,6300	39,9600			40,6300					
Certificate	DE000CJ3NMJ9	RANDS54.25TS OPENZ	EUR	2,9850	3,0050	2,9850			3,0050					
Certificate	LU1790569179	RANDS54.46TCIOPENS	EUR	15,7000	15,7000	15,3000			15,3000					
Certificate	NL0012697015	RANDS55.17BS OPENB	EUR	16,6350	16,6350	16,2150			16,2150					
Certificate	NL0011241484	RANDS55.96TS OPENH	EUR	23,0900	23,0900	22,9800			22,9800					
Certificate	DE000CR9R8F8	RANDS56.57TS OPENZ	EUR	19,6000	19,7200	19,6000			19,7200					
Certificate	NL0012793053	RANDS56.65B0C1218B	EUR	39,5700	39,9800	39,5700			39,9800					



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	NL0012648455	RANDS57.178OC0619Z	EUR	44,2600	44,2600	44,1300			44,1300					
Certificate	DE000CE6BKV5	RANDS59.24TS OPENZ	EUR	3,9850	4,0050	3,9850			4,0050					
Certificate	NL0011230073	RANDS59.52TS OPENH	EUR	27,0400	27,0400	26,9300			26,9300					
Certificate	DE000VN66N53	RANDS60.89TS OPENV	EUR	1,9950	1,9950	1,9950			1,9950					
Certificate	NL0012601033	RANDS62.41TS OPENH	EUR	30,2500	30,2500	30,1400			30,1400					
Certificate	NL0012602791	RANDS62.43TS OPENH	EUR	30,2800	30,2800	30,1700			30,1700					
Certificate	DE000CY16C73	RANDS62.59TS OPENC	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	NL0012649149	RANDS64.078OC1218Z	EUR	39,8400	39,8400	39,7200			39,7200					
Certificate	NL0012581136	RANDS66.88TS OPENH	EUR	35,2300	35,2300	35,1100			35,1100					
Certificate	NL0012649156	RANDS67.028OC0619Z	EUR	38,0300	38,0300	37,9200			37,9200					
Certificate	NL0012313266	RANDS73.22TS OPENH	EUR	42,2600	42,2600	42,1500			42,1500					
Certificate	NL0012365449	RANDS73.34TS OPENH	EUR	42,3900	42,3900	42,2800			42,2800					
Certificate	NL0012536775	RANDS79.04TS OPENH	EUR	48,7300	48,7300	48,6200			48,6200					
Certificate	NL0012586762	RANDS85.86TS OPENH	EUR	56,2900	56,2900	56,1800			56,1800					
Certificate	NL0012579346	RANDS86.48TS OPENH	EUR	56,9900	56,9900	56,8700			56,8700					
Certificate	DE000CV87RZ5	RB 41.94TL OPENZ	EUR	2,3750	2,4050	2,3750			2,4050					
Certificate	DE000CV87JR9	RB 47.03TL OPENZ	EUR	1,8050	1,8450	1,8050			1,8450					
Certificate	DE000CV4YXY4	RB 52.09TL OPENZ	EUR	1,2550	1,2850	1,2550			1,2850					
Certificate	DE000CJ3PTV4	RB 59.05TL OPENZ	EUR	0,4950	0,5250	0,4950			0,5250					
Certificate	XS0215447441	RB FX/IL 6%20	EUR											
Certificate	XS04222117530	RB ROB M 0%28MAY19	EUR											
Certificate	XS0262561789	RB SPREAD 4.552%21	EUR											
Certificate	XS0295385065	RB SPREAD T 0%22	EUR											
Certificate	NL0000459816	RBSBI PI OPENN	EUR	22,9700	23,5200	22,9700			23,5200					
Certificate	NL0009067883	RDX 323TL OPENB	EUR	10,7100	10,7100	10,7100			10,7100					
Certificate	DE000CY51CF9	RELX 14TL OPENC	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000CP06X30	RELX 15TL OPENC	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000CP06X48	RELX 16TL OPENC	EUR	1,9000	2,0000	1,9000	57,0000	1	2,0000	30				
Certificate	NL0013130651	RELX 17TL OPENH	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000CP06X63	RELX 20TS OPENC	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000CP23557	RELX 20TS OPENC	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000CY51AR8	RELX 22TS OPENC	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	NL0009988807	RELX 3.2TL OPENB	EUR	23,1200	23,1200	23,1200			23,1200					
Certificate	NL0010516969	RELX 7.6TL OPENB	EUR	16,8100	16,8100	16,8100			16,8100					
Certificate	NL0010904165	RELX 10.9TL OPENB	EUR	12,1300	12,1300	12,1300			12,1300					
Certificate	NL0012033872	RELX 14.2TL OPENB	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	NL0012098925	RELX 14.98L OPENB	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0012109482	RELX 15.3TL OPENB	EUR	3,6000	3,8200	3,6000	2538,0000	2	3,8200	700				
Certificate	NL0012779870	RELX 16.3TL OPENB	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	NL0012649172	RELX 19.58OC0619Z	EUR	18,7250	18,8300	18,7250			18,8300					
Certificate	NL0012112403	RELX 20.2TS OPENB	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	NL0012788855	RELX 21.7TS OPENB	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0012980585	RELX 23.1TS OPENB	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000CF3AD69	RELX 8.18TL OPENC	EUR											
Certificate	DE000CR4HQP7	RELX 10.78TL OPENZ	EUR	7,0800	7,2100	7,0800			7,2100					
Certificate	NL0011052949	RELX 10.93TL OPENH	EUR	11,7800	11,7800	11,7800			11,7800					
Certificate	DE000CR6X8J5	RELX 12.47TL OPENZ	EUR	5,3900	5,5250	5,3900			5,5250					
Certificate	NL0011742101	RELX 12.63TL OPENH	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	DE000CR9SCD9	RELX 13.46TL OPENZ	EUR	4,4000	4,5350	4,4000			4,5350					
Certificate	NL0011996368	RELX 13.67TL OPENH	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	NL0012051171	RELX 14.66TL OPENH	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	DE000CD646C0	RELX 14.95TL OPENZ	EUR	2,9200	3,0550	2,9200			3,0550					
Certificate	NL0012565550	RELX 14.97TL OPENH	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	NL0012565543	RELX 15.48TL OPENH	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	NL0012689988	RELX 15.94BL OPENB	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	DE000CJ3NSD9	RELX 16.44TL OPENZ	EUR	1,4500	1,5850	1,4500			1,5850					
Certificate	NL0012602825	RELX 16.49TL OPENH	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	NL0012848089	RELX 19.36TS OPENH	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	NL0012245187	RELX 19.85TS OPENH	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0012311088	RELX 19.89TS OPENH	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	NL0012785554	RELX 20.09BS OPENB	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0012199681	RELX 20.32TS OPENH	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	NL0012792725	RELX 21.08BS OPENB	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	NL0011052873	RELX 21.81TS OPENH	EUR	8,9500	8,9500	8,9500			8,9500					
Certificate	NL0012993802	RELX 22.07BS OPENB	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	NL0012890826	RELX 23.85TS OPENH	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	NL0011415229	RENAU 42TL OPENH	EUR	16,0400	16,1300	16,0400			16,1300					
Certificate	DE000CJ3PHW7	RENAU 43.1TL OPENZ	EUR	13,3000	13,3000	12,1000			12,1000					
Certificate	DE000CJ3QK64	RENAU 58.6TL OPENZ	EUR											
Certificate	NL0011415088	RENAU103.1TS OPENH	EUR	56,3200	56,4900	56,3200			56,4900					
Certificate	NL0012602833	RENAU110.9TS OPENH	EUR	64,8400	65,0100	64,8400			65,0100					
Certificate	NL0012601058	RENAU111.2TS OPENH	EUR	65,0700	65,2400	65,0700			65,2400					



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	NL0011732359	RENAU116.11TS OPENH	EUR	70,4600	70,6300	70,4600			70,6300					
Certificate	NL0011729330	RENAU116.11TS OPENH	EUR	70,3700	70,5400	70,3700			70,5400					
Certificate	NL0012601884	RENAU138.5TS OPENH	EUR	94,5900	94,7600	94,5900			94,7600					
Certificate	NL0012529851	RENAU138.5TS OPENH	EUR	94,5700	94,7300	94,5700			94,7300					
Certificate	NL0012538151	RENAU138.7TS OPENH	EUR	94,8400	95,0100	94,8400			95,0100					
Certificate	NL0012558316	RENAU139.1TS OPENH	EUR	95,2100	95,3800	95,2100			95,3800					
Certificate	NL0013185051	RENAU24.11TL OPENH	EUR	32,6900	32,7800	32,6900			32,7800					
Certificate	NL0012203061	RENAU47.55TL OPENH	EUR	10,8800	10,9700	10,8800			10,9700					
Certificate	DE000CJ3QH51	RENAU47.61TL OPENZ	EUR	0,8850	0,8850	0,7650	23500,0000	5	0,7650	30000				
Certificate	NL0012056436	RENAU52.07TL OPENH	EUR	6,6700	6,7600	6,6700			6,7600					
Certificate	DE000CR95QG2	RENAU53.13TL OPENZ	EUR	3,4450	3,4450	2,2350	315,0000	1	2,2350	100				
Certificate	NL0013185218	RENAU60.12TL OPENH	EUR											
Certificate	NL0013190804	RENAU64.07TS OPENH	EUR	14,2000	14,3700	14,2000			14,3700					
Certificate	NL0012919807	RENAU79.51TS OPENH	EUR	30,8700	31,0400	30,8700			31,0400					
Certificate	NL0012918718	RENAU83.46TS OPENH	EUR	35,1400	35,3100	35,1400			35,3100					
Certificate	NL0012864938	RENAU84.25TS OPENH	EUR	35,9900	36,1600	35,9900			36,1600					
Certificate	NL0012605653	RENAU91.31TS OPENH	EUR	43,6300	43,8000	43,6300			43,8000					
Certificate	NL0012601066	RENAU95.42TS OPENH	EUR	48,0700	48,2300	48,0700			48,2300					
Certificate	NL0012864920	RENAU96.09TS OPENH	EUR	48,7900	48,9600	48,7900			48,9600					
Certificate	NL0012536791	RENAU99.73TS OPENH	EUR	52,7200	52,8900	52,7200			52,8900					
Certificate	NL0012525208	RENAU99.75TS OPENH	EUR	52,7400	52,9100	52,7400			52,9100					
Certificate	NL0012586770	RENAU99.81TS OPENH	EUR	52,8100	52,9800	52,8100			52,9800					
Certificate	NL0012579395	RENAU99.87TS OPENH	EUR	52,8700	53,0400	52,8700			53,0400					
Certificate	NL0012556245	RENAU99.87TS OPENH	EUR	52,8700	53,0400	52,8700			53,0400					
Certificate	DE000CD639L6	REPSO11.03TL OPENZ	EUR											
Certificate	DE000CF6CC84	REPSO13.02TL OPENZ	EUR											
Certificate	DE000CD61L14	REPSO9.535TL OPENZ	EUR											
Certificate	NL0006343873	RICCO PI OPENN	EUR	5,1500	5,2900	5,1500			5,2900					
Certificate	NL0006066193	RICEN PI OPENN	EUR	5,5000	5,6000	5,5000			5,6000					
Certificate	DE000CJ3QAR0	RICHE44.19TL OPENZ	EUR	0,9000	0,9350	0,9000			0,9350					
Certificate	DE000CJ3N4N8	RICHE52.14TL OPENZ	EUR	0,5500	0,5950	0,5500			0,5950					
Certificate	DE000CV8AXY5	RICHE61.08TL OPENZ	EUR	0,1700	0,2050	0,1700			0,2050					
Certificate	NL0006343907	RIEHI PI OPENN	EUR	10,0500	10,1200	10,0500			10,1200					
Certificate	NL0006066219	RIEHM PI OPENN	EUR	11,3800	11,4400	11,3800			11,4400					
Certificate	NL0009057728	RIEHN PI OPENN	EUR	1,9100	1,9200	1,9100			1,9200					
Certificate	NL0006343865	RIEHP PI OPENN	EUR	16,9700	17,0300	16,9700			17,0300					
Certificate	DE000CW42Y69	RIM 6TL OPENC	EUR	0,1400	0,1400	0,1400			0,1400					
Certificate	NL0010523932	RIM 4.7TL OPENB	EUR	3,1750	3,1750	3,1750			3,1750					
Certificate	NL0010283321	RIM 18.5TS OPENB	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	DE000CF504T3	RIM 4.179TL OPENC	EUR											
Certificate	DE000CF50455	RIM 5.223TL OPENC	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	DE000CD61VJ4	RIOTI19.38TL OPENZ	EUR	18,2200	18,2200	18,2200			18,2200					
Certificate	DE000CD63DD1	RIOTI24.12TL OPENZ	EUR	13,0000	13,0000	13,0000			13,0000					
Certificate	DE000CD63V69	RIOTI27.66TL OPENZ	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	DE000CE6E390	RIOTI31.68TL OPENZ	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	DE000CJ3POV7	RMG 2.25TL OPENZ	EUR	0,9550	0,9650	0,9550			0,9650					
Certificate	DE000CJ3NX39	RMG 2.69TL OPENZ	EUR	0,4850	0,4950	0,4850			0,4950					
Certificate	XS0269906961	RO CLEAN TC 0%22	EUR											
Certificate	XS0239558819	RO PRIV EQ 0%19	EUR											
Certificate	NL0010125696	ROCHE119.2TL OPENB	EUR	12,3900	12,5300	12,3900			12,5300					
Certificate	DE000CV89E27	ROCHE140.4TL OPENZ	EUR	9,8600	9,8600	9,8600			9,8600					
Certificate	DE000CV87RR2	ROCHE160.6TL OPENZ	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	NL0010289013	ROCHE179.5TL OPENB	EUR	7,4000	7,5300	7,4000			7,5300					
Certificate	DE000CD63AH8	ROCHE180.9TL OPENZ	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	NL0012970636	ROCHE197.8TL OPENB	EUR	5,9000	6,0200	5,9000			6,0200					
Certificate	DE000CR6Y740	ROCHE206.7TL OPENZ	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	NL0012974091	ROCHE207.6TL OPENB	EUR	5,0900	5,2100	5,0900			5,2100					
Certificate	NL0012980494	ROCHE217.8TL OPENB	EUR	4,2400	4,3600	4,2400			4,3600					
Certificate	DE000CV8ADG4	ROCHE226.6TL OPENZ	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	NL0012984546	ROCHE228.6TL OPENB	EUR	3,3400	3,4600	3,3400			3,4600					
Certificate	NL0013159437	ROCHE240.1TL OPENB	EUR	2,4100	2,5200	2,4100			2,5200					
Certificate	NL0012984660	ROCHE285.5TS OPENB	EUR	5,1400	5,1400	5,0100			5,0100					
Certificate	NL0013160765	ROCHE314.1TS OPENB	EUR	7,9200	7,9200	7,8000			7,8000					
Certificate	NL0009592245	ROCHE72.08TL OPENB	EUR	16,3000	16,4400	16,3000			16,4400					
Certificate	NL0012201784	ROCKT 12.6TL OPENH	EUR	1,0800	1,0800	1,0700			1,0700					
Certificate	NL0012206981	ROCKT 15.2TL OPENH	EUR	0,8700	0,8700	0,8600			0,8600					
Certificate	NL0012212062	ROCKT 16.1TL OPENH	EUR	0,7900	0,7900	0,7800			0,7800					
Certificate	NL0012433478	ROCKT 17.1TL OPENH	EUR	0,7100	0,7100	0,7000			0,7000					
Certificate	NL0012433460	ROCKT 17.6TL OPENH	EUR	0,6600	0,6600	0,6500			0,6500					
Certificate	NL0012433924	ROCKT 18.6TL OPENH	EUR	0,5800	0,5800	0,5700			0,5700					
Certificate	NL0012516199	ROCKT 19.1TL OPENH	EUR	0,5400	0,5400	0,5300			0,5300					
Certificate	NL0012541411	ROCKT 19.7TL OPENH	EUR	0,4900	0,4900	0,4800			0,4800					



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	NL0012546527	ROCKT 20.2TL OPENH	EUR	0,4500	0,4500	0,4400			0,4400					
Certificate	NL0012550198	ROCKT 20.7TL OPENH	EUR	0,4100	0,4100	0,4000			0,4000					
Certificate	NL0012565584	ROCKT 21.2TL OPENH	EUR											
Certificate	NL0012864961	ROCKT 21.6TL OPENH	EUR											
Certificate	NL0012922413	ROCKT 33.7TS OPENH	EUR	2,0900	2,1400	2,0900				2,1400				
Certificate	DE000CJ3NSD6	ROCKT16.82TL OPENZ	EUR	0,4400	0,4400	0,4250				0,4250				
Certificate	DE000CV8A4U8	ROCKT20.34TL OPENZ	EUR	0,0925	0,0925	0,0745				0,0745				
Certificate	DE000CN6JRH7	RR 5.661TL OPENZ	EUR	0,4450	0,4750	0,4450				0,4750				
Certificate	DE000CN6JYA8	RR 6.379TL OPENZ	EUR	0,2850	0,3150	0,2850				0,3150				
Certificate	DE000CV8A7Y3	RTL 42.2TL OPENZ	EUR	0,6950	0,7400	0,6950				0,7400				
Certificate	DE000CJ3QWB8	RTL 32.71TL OPENZ	EUR	1,6050	1,6500	1,6050				1,6500				
Certificate	DE000CJ3PR43	RTL 37.21TL OPENZ	EUR	1,1750	1,2200	1,1750				1,2200				
Certificate	DE000CN6JQX6	RTL 47.41TL OPENZ	EUR											
Certificate	NL0000458180	RUSLAND CT OPENN	EUR	137,5000	137,5000	137,5000				137,5000				
Certificate	NL0013164627	RUSSL 1139BL OPENB	EUR	2,7750	2,7750	2,7750				2,7750				
Certificate	NL0013011190	RUSSL 1239BL OPENB	EUR	1,8850	1,8850	1,8850				1,8850				
Certificate	NL0013164304	RUSSL 1254TL OPENB	EUR	1,8950	1,8950	1,8950				1,8950				
Certificate	NL0012683536	RUSSL 1340BL OPENB	EUR	0,9950	0,9950	0,9950				0,9950				
Certificate	NL0012684062	RUSSL 1353TL OPENB	EUR	1,0150	1,0150	1,0150				1,0150				
Certificate	NL0012678833	RUSSL 1443BL OPENB	EUR											
Certificate	NL0012679229	RUSSL 1458TL OPENB	EUR											
Certificate	NL0013006471	RUSSL 1662TS OPENB	EUR	2,2450	2,2450	2,2450				2,2450				
Certificate	NL0013004344	RUSSL 1693BS OPENB	EUR	2,2850	2,2850	2,2850				2,2850				
Certificate	NL0013006489	RUSSL 1862TS OPENB	EUR	4,0450	4,0450	4,0450				4,0450				
Certificate	NL0012971576	RUSSL 1893BS OPENB	EUR	4,0550	4,0550	4,0550				4,0550				
Certificate	NL0012979405	RUSSL 2092BS OPENB	EUR	5,8150	5,8150	5,8150				5,8150				
Certificate	NL0012687685	RWE 14TL OPENB	EUR	5,6750	5,6750	5,6550				5,6550				
Certificate	NL0012611826	RWE 14TL OPENH	EUR	0,5600	0,5600	0,5600				0,5600				
Certificate	NL0012611818	RWE 15TL OPENH	EUR	0,4700	0,4700	0,4700				0,4700				
Certificate	NL0012611800	RWE 16TL OPENH	EUR	0,3700	0,3700	0,3700				0,3700				
Certificate	NL0011426051	RWE 7.6TL OPENB	EUR	11,6550	11,6550	11,6350				11,6350				
Certificate	NL0011416623	RWE 7.7TL OPENH	EUR	1,2100	1,2100	1,2000				1,2000				
Certificate	NL0011416615	RWE 8.7TL OPENH	EUR	1,1100	1,1100	1,1100				1,1100				
Certificate	NL0011798988	RWE 9.9TL OPENB	EUR	9,5050	9,5050	9,4850				9,4850				
Certificate	NL0011721923	RWE 10.7TL OPENH	EUR	0,9100	0,9100	0,9100				0,9100				
Certificate	DE000CD64E36	RWE 11.4TL OPENZ	EUR	7,2600	7,2700	7,2600				7,2700				
Certificate	NL0012175541	RWE 12.7TL OPENH	EUR	0,7200	0,7200	0,7100				0,7100				
Certificate	NL0012201792	RWE 13.7TL OPENH	EUR	0,6200	0,6200	0,6200				0,6200				
Certificate	NL0013005846	RWE 15.1TL OPENB	EUR	4,6850	4,6850	4,6650				4,6650				
Certificate	DE000CV87Y74	RWE 15.9TL OPENZ	EUR	2,7850	2,7950	2,7850				2,7950				
Certificate	NL0013005853	RWE 16.1TL OPENB	EUR	3,7450	3,7450	3,7250				3,7250				
Certificate	NL0013149214	RWE 17.2TL OPENB	EUR	2,7450	2,7450	2,7250				2,7250				
Certificate	DE000CJ3QDY0	RWE 17.9TL OPENZ	EUR	0,8250	0,8350	0,8250				0,8350				
Certificate	NL0013154222	RWE 18.2TL OPENB	EUR	1,7250	1,7250	1,7050				1,7050				
Certificate	NL0013186463	RWE 18.5TL OPENH	EUR											
Certificate	NL0013005994	RWE 19.7TS OPENB	EUR	2,6750	2,6750	2,6750				2,6750				
Certificate	NL0013004294	RWE 21.7TS OPENB	EUR	4,8150	4,8150	4,8150				4,8150				
Certificate	NL0012611768	RWE 23.4TS OPENH	EUR	0,6500	0,6600	0,6500				0,6600				
Certificate	NL0012611750	RWE 24.9TS OPENH	EUR	0,8100	0,8200	0,8100				0,8200				
Certificate	NL0012611743	RWE 25.4TS OPENH	EUR	0,8700	0,8700	0,8700				0,8700				
Certificate	NL0012611735	RWE 27.3TS OPENH	EUR	1,0800	1,0800	1,0800				1,0800				
Certificate	NL0012611727	RWE 29.3TS OPENH	EUR	1,2900	1,2900	1,2900				1,2900				
Certificate	NL0012611982	RWE 31.3TS OPENH	EUR	1,5000	1,5000	1,5000				1,5000				
Certificate	NL0012928758	RWE 33.2TS OPENH	EUR	1,7100	1,7100	1,7100				1,7100				
Certificate	DE000CE6C3K7	RWE 13.92TL OPENZ	EUR	4,7550	4,7650	4,7550				4,7650				
Certificate	DE000VN6M5F1	RX10L LEVOPENV	EUR	14,1400	14,1400	14,1400				14,1400				
Certificate	DE000VN6M5H7	RX10S SHROPENV	EUR	4,6700	4,6700	4,5900	12099,5000	5	4,5950	2600				
Certificate	DE000VN6M5G9	RX15L LEVOPENV	EUR	15,1350	15,1350	15,1350				15,1350				
Certificate	DE000VN6M5J3	RX15S SHROPENV	EUR	2,8150	2,8150	2,8150				2,8150				
Certificate	DE000CE6EJM6	RYANR 18.2TS OPENZ	EUR	1,9050	1,9050	1,9050				1,9050				
Certificate	DE000CJ3QZA3	RYANR 6.61TL OPENZ	EUR	1,0250	1,0250	1,0250				1,0250				
Certificate	DE000CJ3QZB1	RYANR 8.92TL OPENZ	EUR	0,4550	0,4550	0,4550				0,4550				
Certificate	DE000CR9P304	RYANR10.15TL OPENZ	EUR	0,1550	0,1550	0,1550				0,1550				
Certificate	DE000CR9NJU0	RYANR10.67TL OPENZ	EUR											
Certificate	DE000CJ3QNU7	RYANR12.72TS OPENZ	EUR	0,5350	0,5350	0,5350				0,5350				
Certificate	DE000CV8BC61	RYANR14.22TS OPENZ	EUR	0,9050	0,9050	0,9050				0,9050				
Certificate	DE000CV8A4W4	RYANR15.28TL OPENZ	EUR											
Certificate	DE000CV8A8B9	RYANR16.21TS OPENZ	EUR	1,4050	1,4050	1,4050				1,4050				
Certificate	DE000CJ3NS85	RYANR8.115TL OPENZ	EUR	0,6550	0,6550	0,6550				0,6550				
Certificate	DE000CR9P312	RYANR9.622TL OPENZ	EUR	0,2750	0,2750	0,2750				0,2750				
Certificate	DE000CJ3NWA7	S92G 12.27TL OPENZ	EUR	0,9700	0,9700	0,9700				0,9700				
Certificate	DE000CJ3NSE4	S92G 14.78TL OPENZ	EUR	0,4800	0,4800	0,4800				0,4800				



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	DE000CJ3NW85	S92G 16.28TL OPENZ	EUR											
Certificate	DE000CJ3QQG9	S92G 17.77TL OPENZ	EUR											
Certificate	DE000CV88A09	SAFRN103.1TL OPENZ	EUR											
Certificate	DE000CV501F8	SAFRN64.16TL OPENZ	EUR	1,9900	2,0600	1,9900			2,0600					
Certificate	DE000CV4YXQ0	SAFRN73.25TL OPENZ	EUR	1,5400	1,6100	1,5400	2743,5000	1	1,6100	1770				
Certificate	DE000CV889U6	SAFRN83.19TL OPENZ	EUR	1,0400	1,1100	1,0400			1,1100					
Certificate	DE000CV88U02	SAFRN93.12TL OPENZ	EUR	0,5500	0,6200	0,5500			0,6200					
Certificate	DE000CV50VN5	SALES 70TL OPENC	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	DE000CV50VP0	SALES 80TL OPENC	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000CV50YG3	SALES 80TL OPENC	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	DE000CV50VQ8	SALES 85TL OPENC	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	DE000CV50YH1	SALES 85TL OPENC	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000CV51DE0	SALES 90TL OPENC	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CV52FK0	SALES 95TL OPENC	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000CV51XS8	SALES 95TL OPENC	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	DE000CV51Z56	SALES 95TL OPENC	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	DE000CV52E68	SALES 100TL OPENC	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	DE000CP23R29	SALES 110TL OPENC	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000CP238R0	SALES 120TL OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CP239Z1	SALES 120TL OPENC	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000CP23P47	SALES 130TL OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CP23R37	SALES 130TL OPENC	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CP06UF3	SALES 150TS OPENC	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000CP07AY4	SALES 155TS OPENC	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	DE000CP06UG1	SALES 160TS OPENC	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000CP07AZ1	SALES 160TS OPENC	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	DE000CQ58VN3	SALES 170TS OPENC	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000CP06I49	SALES 170TS OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CP06529	SALES 180TS OPENC	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	DE000CP064F5	SALES 180TS OPENC	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	DE000CV8A0E0	SALES107.8TL OPENZ	EUR	1,5350	1,5550	1,5350			1,5550					
Certificate	DE000CJ3QM13	SALES122.9TL OPENZ	EUR	0,9050	0,9250	0,9050			0,9250					
Certificate	DE000CJ3PS26	SALES92.64TL OPENZ	EUR	2,1650	2,1950	2,1650			2,1950					
Certificate	DE000CV8AZ08	SAMSU 735TL 1218Z	EUR	1,5400	1,5400	1,4900	1540,0000	1	1,4900	1000				
Certificate	DE000CJ3P414	SAMSU 765TL 0319Z	EUR	1,3300	1,3300	1,2700	1995,0000	1	1,2700	1500				
Certificate	DE000CJ3QFD9	SAMSU 810TL 0319Z	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CV8A8R5	SAMSU 835TL 1218Z	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CJ3P422	SAMSU 865TL 0319Z	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0009175975	SAMSU250.6TL OPENB	EUR	58,7600	58,7600	58,7600			58,7600					
Certificate	NL0009991991	SAMSU371.3TL OPENB	EUR	48,8100	48,8100	48,8100			48,8100					
Certificate	NL0011426994	SAMSU453.6TL OPENB	EUR	41,0900	42,0300	41,0900			42,0300					
Certificate	NL0011806336	SAMSU501.4TL OPENB	EUR	37,1700	38,0900	37,1700			38,0900					
Certificate	NL0011806344	SAMSU527.5TL OPENB	EUR	35,0300	35,9500	35,0300			35,9500					
Certificate	DE000CX001G5	SANOF 50TL OPENC	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000CX0JA51	SANOF 60TL OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CX0JBM2	SANOF 60TL OPENC	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	NL0012330591	SANOF 127.TS OPENH	EUR	5,8700	5,9400	5,8700			5,9400					
Certificate	NL0009437045	SANOF 26.2TL OPENB	EUR	5,4150	5,4150	5,4150			5,4150					
Certificate	NL0009999465	SANOF 37.1TL OPENB	EUR	4,4050	4,4050	4,3950			4,3950					
Certificate	DE000CV505U8	SANOF 44.8TL OPENZ	EUR	6,6950	6,6950	6,6950			6,6950					
Certificate	NL0010127585	SANOF 46.9TL OPENB	EUR	3,4850	3,4850	3,4850			3,4850					
Certificate	NL0010130126	SANOF 53.3TL OPENB	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	NL0010286399	SANOF 57.6TL OPENB	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	NL0012790976	SANOF 62.8TL OPENB	EUR	2,0150	2,0150	2,0050			2,0050					
Certificate	NL0012978555	SANOF 67.7TL OPENB	EUR	1,5550	1,6000	1,5450	560,0000	1	1,5450	350				
Certificate	NL0013002850	SANOF 72.8TL OPENB	EUR	1,0850	1,0850	1,0750			1,0750					
Certificate	NL0012986434	SANOF 84.2TS OPENB	EUR	1,2350	1,2450	1,2350			1,2450					
Certificate	NL0011413216	SANOF103.2TS OPENH	EUR	3,3000	3,3700	3,3000			3,3700					
Certificate	NL0012980842	SANOF103.7TS OPENH	EUR	3,3600	3,4300	3,3600			3,4300					
Certificate	NL0012267215	SANOF103.9TS OPENB	EUR	3,3750	3,3750	3,3300	6660,0000	1	3,3750	2000				
Certificate	NL0012374797	SANOF33.92TL OPENH	EUR	4,7000	4,7000	4,6900			4,6900					
Certificate	NL0011413299	SANOF54.81TL OPENH	EUR	2,7600	2,7600	2,7400			2,7400					
Certificate	DE000CN6HHQ3	SANOF54.85TL OPENZ	EUR	4,6850	4,6850	4,6850			4,6850					
Certificate	NL0011890629	SANOF58.91TL OPENH	EUR	2,3800	2,3800	2,3600			2,3600					
Certificate	DE000CR1K641	SANOF60.97TL OPENZ	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	NL0012862585	SANOF62.11TL OPENH	EUR	2,0800	2,0800	2,0700			2,0700					
Certificate	NL0012927586	SANOF69.04TL OPENH	EUR	1,4400	1,4400	1,4200			1,4200					
Certificate	DE000CJ3NY04	SANOF70.92TL OPENZ	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	NL0013185069	SANOF76.99TL OPENH	EUR											
Certificate	NL0011413232	SANOF88.35TS OPENH	EUR	1,7000	1,7700	1,7000			1,7700					
Certificate	NL0011413224	SANOF92.06TS OPENH	EUR	2,1000	2,1700	2,1000			2,1700					
Certificate	NL0013158629	SAP 88TL 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	NL0011721956	SAP 58.6TL OPENH	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	NL0012038806	SAP 75.8TL OPENB	EUR	20,6950	21,3750	20,6950			21,3750					
Certificate	NL0013158280	SAP 79.9TL OPENB	EUR	16,9250	17,6050	16,9250			17,6050					
Certificate	NL0012780803	SAP 83.8TL OPENB	EUR	13,3550	14,0350	13,3550			14,0350					
Certificate	NL0013152788	SAP 93.5TS OPENB	EUR	14,2550	14,2550	13,5550			13,5550					
Certificate	NL0013014285	SAP 98.1TS OPENB	EUR	19,3050	19,3050	18,6050			18,6050					
Certificate	NL0011052634	SAP 110.9TS OPENH	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	NL0011052717	SAP 37.55TL OPENH	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	NL0011052709	SAP 46.04TL OPENH	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	DE000CR6XG53	SAP 56.22TL OPENZ	EUR	33,4400	33,7300	33,4400			33,7300					
Certificate	DE000CN6F8A5	SAP 62.26TL OPENZ	EUR	27,4100	27,6900	27,4100			27,6900					
Certificate	NL0011721949	SAP 62.78TL OPENH	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0011721931	SAP 64.87TL OPENH	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	NL0011927058	SAP 66.66TL OPENH	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000CN6FGR7	SAP 69.19TL OPENZ	EUR	20,5000	20,7800	20,5000			20,7800					
Certificate	NL0011929393	SAP 70.44TL OPENH	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	NL0011930599	SAP 74.58TL OPENH	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CD62FB2	SAP 78.09TL OPENZ	EUR	11,6500	11,9200	11,6500			11,9200					
Certificate	NL0012051189	SAP 78.67TL OPENH	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	NL0012847230	SAP 83.82TL OPENH	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0010920583	SBMOF 5TL OPENB	EUR	7,8950	8,3550	7,8950			8,3550					
Certificate	DE000C3Z2P9	SBMOF 8TL OPENC	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	DE000CX0K256	SBMOF 9TL OPENC	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	DE000CX0K3N7	SBMOF 9TL OPENC	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	DE000CX59GP4	SBMOF 10TL OPENC	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	DE000CX59AG6	SBMOF 10TL OPENC	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	DE000VA4YP34	SBMOF 11TL 1218V	EUR	1,9450	1,9450	1,9450			1,9450					
Certificate	DE000CQ58TF3	SBMOF 12TL OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CQ58V79	SBMOF 12TL OPENC	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	DE000CP239P2	SBMOF 13TL OPENC	EUR											
Certificate	DE000CQ5AVA2	SBMOF 13TL OPENC	EUR											
Certificate	DE000CQ5AT82	SBMOF 13TL OPENC	EUR											
Certificate	DE000CP23NW8	SBMOF 14TS OPENC	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000CP23QR1	SBMOF 14TS OPENC	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0013153430	SBMOF 15TS OPENB	EUR	4,2250	4,2250	3,7550			3,7550					
Certificate	DE000CY52W33	SBMOF 15TS OPENC	EUR											
Certificate	DE000CP232M4	SBMOF 15TS OPENC	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	DE000CP23581	SBMOF 15TS OPENC	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	DE000CQ5A859	SBMOF 15TS OPENC	EUR											
Certificate	NL0012648471	SBMOF 16BOC0619Z	EUR	14,1600	14,2600	14,1600			14,2600					
Certificate	DE000CP23599	SBMOF 16TS OPENC	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000CQ58ZC7	SBMOF 16TS OPENC	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	DE000CP07A93	SBMOF 17TS OPENC	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	DE000CQ58ZD5	SBMOF 17TS OPENC	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	NL0013148836	SBMOF 18BOC1219B	EUR	12,3100	12,9400	12,3100			12,9400					
Certificate	NL0012796452	SBMOF 18BOC1219Z	EUR	12,6800	12,8300	12,6800			12,8300					
Certificate	DE000CP064Y6	SBMOF 18TS OPENC	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	DE000CP06NZ6	SBMOF 18TS OPENC	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	DE000CY51V01	SBMOF 18TS OPENC	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	DE000CX59ZS8	SBMOF 18TS OPENC	EUR											
Certificate	DE000CP06PQ0	SBMOF 20TS OPENC	EUR	8,8700	8,8700	8,8700			8,8700					
Certificate	DE000VA4YP59	SBMOF 11.TL OPENV	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	DE000VA4YW19	SBMOF 12.TL OPENV	EUR	0,8400	0,9300	0,8350	1389,4500	2	0,8350	1570				
Certificate	NL0010910808	SBMOF 6.1TL OPENB	EUR	6,9250	7,3850	6,9250			7,3850					
Certificate	NL0011041868	SBMOF 6.5TL OPENH	EUR	6,5900	7,0300	6,5900			7,0300					
Certificate	NL0010909297	SBMOF 6.7TL OPENB	EUR	6,4250	6,8850	6,4250			6,8850					
Certificate	NL0010654844	SBMOF 7.2TL OPENB	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	NL0011041850	SBMOF 7.6TL OPENH	EUR	5,6200	6,0600	5,6200			6,0600					
Certificate	NL0010765095	SBMOF 7.8TL OPENB	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	NL0011041843	SBMOF 8.1TL OPENH	EUR	5,1300	5,5800	5,1300			5,5800					
Certificate	NL0009964196	SBMOF 8.3TL OPENA	EUR											
Certificate	NL0010921052	SBMOF 8.4TL OPENB	EUR	4,8850	5,3450	4,8850			5,3450					
Certificate	DE000CC608A5	SBMOF 8.5TL OPENC	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	NL0011041835	SBMOF 8.6TL OPENH	EUR	4,6500	5,0900	4,6500			5,0900					
Certificate	NL0011906730	SBMOF 9.6TL OPENB	EUR	3,7850	4,2450	3,7850			4,2450					
Certificate	NL0011909338	SBMOF 10.2TL OPENB	EUR	3,2250	3,6850	3,2250			3,6850					
Certificate	NL0012982425	SBMOF 10.7TL OPENB	EUR	2,7450	3,2050	2,7450			3,2050					
Certificate	NL0012983407	SBMOF 11.2TL OPENB	EUR	2,2850	2,7450	2,2850			2,7450					
Certificate	DE000VA4YTN7	SBMOF 11.5TL 1218V	EUR	1,4450	1,4450	1,4450			1,4450					
Certificate	DE000VA4YTP2	SBMOF 11.5TL OPENV	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000VL37LF6	SBMOF 12.4TL OPENV	EUR											
Certificate	DE000VA4YW27	SBMOF 12.5TL 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	NL0012985246	SBMOF 12.7TL OPENB	EUR											
Certificate	NL0013160674	SBMOF 13.2TL OPENB	EUR											
Certificate	NL0013165491	SBMOF 13.4TS OPENB	EUR	2,4750	2,4750	2,0050			2,0050					
Certificate	NL0013156615	SBMOF 14.2TS OPENB	EUR	3,3450	3,3450	2,8750			2,8750					
Certificate	NL0012987317	SBMOF 14.4BOC0619B	EUR	13,1500	13,4300	13,1500			13,4300					
Certificate	NL0012795769	SBMOF 14.8BOC0619Z	EUR	13,2100	13,2900	13,2100			13,2900					
Certificate	DE000VA9CY26	SBMOF 14.9TS OPENV	EUR	2,1850	2,1850	2,1850			2,1850					
Certificate	NL0012793079	SBMOF 15.2BOC1218B	EUR	12,4000	12,8700	12,4000			12,8700					
Certificate	NL0012649180	SBMOF 15.3BOC1218Z	EUR	12,6400	12,7300	12,6400			12,7300					
Certificate	NL0012987283	SBMOF 15.4BOC0619B	EUR	12,8900	13,3800	12,8900			13,3800					
Certificate	NL0012795777	SBMOF 15.4BOC0919Z	EUR	13,2500	13,3500	13,2500			13,3500					
Certificate	DE000VA9CR09	SBMOF 15.4TS OPENV	EUR	2,6850	2,6850	2,6850			2,6850					
Certificate	NL0013015738	SBMOF 15.7TS OPENB	EUR	5,0850	5,0850	4,6150			4,6150					
Certificate	NL0013010267	SBMOF 16.6TS OPENB	EUR	6,0650	6,0650	5,5950			5,5950					
Certificate	NL0011231782	SBMOF 7.28TL OPENH	EUR	5,8500	6,2900	5,8500			6,2900					
Certificate	DE000CV8A4C6	SBMOF 8.77TL OPENZ	EUR	4,4700	4,5500	4,4700			4,5500					
Certificate	DE000CR4HWK6	SBMOF 8.82TL OPENZ	EUR	3,9400	4,0200	3,9400			4,0200					
Certificate	DE000CR9S654	SBMOF 9.83TL OPENZ	EUR	3,4700	3,5500	3,4700			3,5500					
Certificate	DE000CV8A4Z7	SBMOF10.13TL OPENZ	EUR	2,6400	2,7200	2,6400			2,7200					
Certificate	DE000CV8A500	SBMOF10.63TL OPENZ	EUR	2,1400	2,2200	2,1400			2,2200					
Certificate	NL0013157795	SBMOF10.968L OPENB	EUR	1,9050	2,3650	1,9050			2,3650					
Certificate	NL0012931265	SBMOF11.07TL OPENH	EUR	2,4000	2,8400	2,4000			2,8400					
Certificate	NL0012983944	SBMOF11.468L OPENB	EUR	1,4050	1,9100	1,4050	1910,0000	1	1,8650	1000				
Certificate	NL0012932537	SBMOF11.57TL OPENH	EUR	1,9400	2,3800	1,9400			2,3800					
Certificate	DE000CV8AD24	SBMOF11.63TL OPENZ	EUR	1,1600	1,2400	1,1600	172,2000	1	1,2400	140				
Certificate	DE000CV8AFT2	SBMOF11.95TL OPENZ	EUR	1,4700	1,5500	1,4700			1,5500					
Certificate	NL0012984843	SBMOF11.968L OPENB	EUR	0,8950	1,3550	0,8950			1,3550					
Certificate	LU1790570185	SBMOF12.26TCIOPENS	EUR	0,4700	0,9200	0,4700			0,9200					
Certificate	NL0012984850	SBMOF12.478L OPENB	EUR											
Certificate	DE000CV8AG27	SBMOF12.63TL OPENZ	EUR											
Certificate	NL0013190812	SBMOF12.82TL OPENH	EUR											
Certificate	NL0013158454	SBMOF12.968L OPENB	EUR											
Certificate	DE000VA3TJS9	SBMOF13.06TL OPENV	EUR											
Certificate	DE000VA90X49	SBMOF13.07TL OPENV	EUR											
Certificate	DE000VNHCD03	SBMOF13.38TS OPENV	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000VA3D9J6	SBMOF13.59TS OPENV	EUR											
Certificate	NL0013188311	SBMOF13.86TL OPENH	EUR											
Certificate	NL0013163447	SBMOF13.88BS OPENB	EUR	1,8850	1,8850	1,4150			1,4150					
Certificate	DE000VNG7J4	SBMOF13.88TS OPENV	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	DE000VA9C320	SBMOF14.39TS OPENV	EUR	1,6850	1,6850	1,6850			1,6850					
Certificate	NL0013189640	SBMOF14.82TS OPENH	EUR	4,0600	4,0600	3,7800			3,7800					
Certificate	NL0013153042	SBMOF14.88BS OPENB	EUR	2,8850	2,8850	2,4150			2,4150					
Certificate	DE000CJ3QBF3	SBMOF15.14TS OPENZ	EUR	2,4800	2,4800	2,3900			2,3900					
Certificate	NL0013181019	SBMOF15.34TS OPENH	EUR	4,6300	4,6300	4,3500			4,3500					
Certificate	NL0012895163	SBMOF15.44TS OPENH	EUR											
Certificate	NL0013013907	SBMOF15.88BS OPENB	EUR	3,8750	3,8750	3,4150			3,4150					
Certificate	DE000VA7I0J9	SBMOF15.92TS OPENV	EUR	3,1850	3,1850	3,1850			3,1850					
Certificate	DE000VA7TGO0	SBMOF16.43TS OPENV	EUR	3,6750	3,6750	3,6750			3,6750					
Certificate	LU1840980087	SBMOF16.53TPIOPENS	EUR	4,3700	4,3700	3,9000			3,9000					
Certificate	DE000CJ3PHX5	SBMOF16.63TS OPENZ	EUR	3,9600	3,9600	3,8700			3,8700					
Certificate	NL0013003270	SBMOF16.85BOC0919B	EUR	12,8400	13,4300	12,8400			13,4300					
Certificate	NL0013009079	SBMOF16.87BS OPENB	EUR	4,8750	4,8750	4,4050			4,4050					
Certificate	DE000VA7TGR8	SBMOF16.93TS OPENV	EUR	4,1750	4,1750	4,1750			4,1750					
Certificate	NL0011230149	SBMOF17.09TS OPENH	EUR	6,5900	6,5900	6,3100			6,3100					
Certificate	LU1840960212	SBMOF17.71TPIOPENS	EUR	5,5400	5,5400	5,0700			5,0700					
Certificate	NL0012994149	SBMOF17.86BS OPENB	EUR	5,8650	5,8650	5,3950			5,3950					
Certificate	DE000VL61DV0	SBMOF17.94TS OPENV	EUR	4,6750	4,6750	4,6750			4,6750					
Certificate	DE000VAGTX28	SBMOF17.97TS OPENV	EUR	5,1850	5,1850	5,1850			5,1850					
Certificate	DE000CV4ZLS8	SBMOF18.13TS OPENZ	EUR	5,4600	5,4600	5,3700			5,3700					
Certificate	NL0012525216	SBMOF19.32TS OPENH	EUR	9,0600	9,0600	8,7800			8,7800					
Certificate	NL0012536809	SBMOF19.32TS OPENH	EUR	9,0600	9,0600	8,7800			8,7800					
Certificate	NL0012521082	SBMOF19.33TS OPENH	EUR	9,0700	9,0700	8,7900			8,7900					
Certificate	DE000CT9JQ08	SBMOF6.092TL OPENC	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000CR6X379	SBMOF9.633TL OPENZ	EUR	3,1300	3,2100	3,1300			3,2100					
Certificate	NL0011907613	SBMOF9.9468L OPENB	EUR	2,9050	3,3650	2,9050	1635,0000	1	3,3650	500				
Certificate	DE000CD62R58	SCHAT100.9TL OPENZ	EUR	11,0100	11,0100	11,0100			11,0100					
Certificate	DE000CD62R41	SCHAT106.3TL OPENZ	EUR	5,6450	5,6450	5,6450			5,6450					
Certificate	DE000CD62R66	SCHAT113.4TS OPENZ	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000CD62R74	SCHAT118.1TS OPENZ	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	DE000CE6C642	SCHAT123.8TS OPENZ	EUR	11,9300	11,9300	11,9300			11,9300					
Certificate	DE000CJ3PTM3	SCHAT133.8TS OPENZ	EUR	21,9000	21,9000	21,9000			21,9000					
Certificate	DE000CV89FF8	SCHAT90.73TL OPENZ	EUR	21,1800	21,1800	21,1800			21,1800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3QPE6	SCHLM28.29TL OPENZ	EUR	2,4350	2,4350	2,2150	1822,5000	1	2,2150	750				
Certificate	DE000CJ3PRK1	SCHLM34.32TL OPENZ	EUR	1,3750	1,3750	1,1550			1,1550					
Certificate	DE000CJ3QGV9	SCHLM37.83TL OPENZ	EUR	0,7750	0,8300	0,5450	6070,0000	6	0,5450	8100				
Certificate	DE000CJ3NYD7	SCHLM41.35TL OPENZ	EUR											
Certificate	DE000CJ3QPF3	SCHLM49.46TS OPENZ	EUR	1,3350	1,5750	1,3350			1,5750					
Certificate	DE000CJ3P661	SCHLM55.47TS OPENZ	EUR	2,3850	2,6350	2,3850			2,6350					
Certificate	DE000CJ3PRL9	SCHLM62.47TS OPENZ	EUR	3,6250	3,8650	3,6250			3,8650					
Certificate	NL0012907190	SCHND 79.7TS OPENH	EUR	24,8500	25,1600	24,8500			25,1600					
Certificate	NL0012366868	SCHND102.3TS OPENH	EUR	49,3100	49,6200	49,3100			49,6200					
Certificate	NL0012314090	SCHND102.3TS OPENH	EUR	49,2700	49,5800	49,2700			49,5800					
Certificate	NL0012313282	SCHND103.3TS OPENH	EUR	50,3100	50,6200	50,3100			50,6200					
Certificate	NL0012365464	SCHND103.3TS OPENH	EUR	50,3000	50,6100	50,3000			50,6100					
Certificate	NL0012557953	SCHND115.6TS OPENH	EUR	63,6500	63,9600	63,6500			63,9600					
Certificate	DE000CJ3PLK4	SCHND38.74TL OPENZ	EUR	2,3450	2,3450	2,3000			2,3000					
Certificate	NL0011418231	SCHND40.41TL OPENH	EUR	24,0400	24,5100	24,0400			24,5100					
Certificate	DE000CV8ALH5	SCHND44.77TL OPENZ	EUR	1,7450	1,7450	1,7000			1,7000					
Certificate	NL0011890652	SCHND47.31TL OPENH	EUR	17,6300	18,0900	17,6300			18,0900					
Certificate	DE000CE6CCC6	SCHND54.84TL OPENZ	EUR	0,7450	0,7450	0,7000			0,7000					
Certificate	NL0011934203	SCHND55.26TL OPENH	EUR	10,2400	10,9400	10,2400			10,9400					
Certificate	NL0013127608	SCHND60.13TL OPENH	EUR	5,7100	6,4000	5,7100			6,4000					
Certificate	NL0012919823	SCHND71.73TS OPENH	EUR	16,2600	16,8000	16,2600			16,8000					
Certificate	NL0012935795	SCHND79.69TS OPENH	EUR	24,8400	25,1400	24,8400			25,1400					
Certificate	NL0012214605	SCHND80.27TS OPENH	EUR	25,4700	25,7800	25,4700			25,7800					
Certificate	NL0012608137	SCHND85.32TS OPENH	EUR	30,9200	31,2300	30,9200			31,2300					
Certificate	NL0011970652	SCHND86.91TS OPENH	EUR	32,6400	32,9500	32,6400			32,9500					
Certificate	NL0011935671	SCHND87.83TS OPENH	EUR	33,6400	33,9500	33,6400			33,9500					
Certificate	NL0010733622	SCXP STN0820V	EUR											
Certificate	NL0012250211	SCXP STN1124V	EUR											
Certificate	XS1444044082	SDGP STN1122K	EUR											
Certificate	DE000CJ3N823	SFER 13TL OPENZ	EUR	7,3700	7,3700	7,3700			7,3700					
Certificate	DE000CV8AW27	SFER 15.03TL OPENZ	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	DE000CV8AU77	SFER 17.15TL OPENZ	EUR	3,4550	3,4550	3,4550			3,4550					
Certificate	DE000CJ3PGE7	SFER 19.71TL OPENZ	EUR											
Certificate	DE000CJ3QVH7	SGL 5.542TL OPENZ	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	DE000CV89DV0	SGL 6.141TL OPENZ	EUR											
Certificate	DE000CV89CT6	SGL 7.139TL OPENZ	EUR											
Certificate	DE000CJ3PA67	SGL 7.936TL OPENZ	EUR											
Certificate	DE000CJ3NOF2	SGRE 7.6TL OPENZ	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	DE000CJ3POU9	SGRE 10.1TL OPENZ	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000CJ3NKM7	SGRE 8.59TL OPENZ	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	DE000CJ3QM62	SGRE 11.59TL OPENZ	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000CJ3QVG9	SHA 4.841TL OPENZ	EUR	0,5050	0,5050	0,4850			0,4850					
Certificate	DE000CJ3PPT6	SHA 5.643TL OPENZ	EUR	0,3450	0,3450	0,3250			0,3250					
Certificate	DE000CJ3N1B9	SHA 6.542TL OPENZ	EUR	0,1650	0,1650	0,1450			0,1450					
Certificate	DE000CJ3QQF1	SHA 7.441TL OPENZ	EUR											
Certificate	DE000CE6BQN5	SHELL LEVOPENZ	EUR	53,5650	53,5650	53,5600			53,5600					
Certificate	DE000CE6BQD6	SHELL SHROPENZ	EUR	9,4750	9,4750	9,4500			9,4500					
Certificate	XS1346710848	SHELL STN0119B	EUR	109,6000	110,0500	109,6000			110,0500					
Certificate	NL0011638549	SHELL 13TL OPENB	EUR	13,7250	13,9750	13,7250			13,9750					
Certificate	NL0011648712	SHELL 14TL OPENB	EUR	12,7750	13,0250	12,7750			13,0250					
Certificate	NL0011649967	SHELL 15TL OPENB	EUR	11,8050	12,0550	11,7800	118475,0000	4	12,0550	10000				
Certificate	DE000CX59NA2	SHELL 18TL OPENC	EUR	10,4300	10,4300	10,4300			10,4300					
Certificate	DE000CX00EP3	SHELL 20TL OPENC	EUR	10,1900	10,1900	10,1900			10,1900					
Certificate	DE000CY51717	SHELL 20TL OPENC	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	DE000CX00FP0	SHELL 20TL OPENC	EUR	9,2900	9,2900	9,2900			9,2900					
Certificate	DE000CX01FQ6	SHELL 21TL OPENC	EUR	9,2500	9,2500	9,2500			9,2500					
Certificate	DE000CX59Q92	SHELL 22TL OPENC	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000CX59NB0	SHELL 22TL OPENC	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	DE000CY51725	SHELL 22TL OPENC	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	DE000CY50XK7	SHELL 23TL OPENC	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	DE000CY50UW8	SHELL 23TL OPENC	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	LU1876932333	SHELL 24TCIOPENS	EUR	1,9200	2,3500	1,9200	1175,0000	1	2,1700	500				
Certificate	DE000VA8F4X1	SHELL 24TL 0319V	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CJ3PBC2	SHELL 24TL 1218Z	EUR	1,9950	1,9950	1,9900			1,9900					
Certificate	DE000CY51H17	SHELL 24TL OPENC	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	DE000CY51FT3	SHELL 24TL OPENC	EUR	3,3000	3,6300	3,3000	4508,0000	4	3,3900	1300				
Certificate	DE000CQ5A156	SHELL 24TL OPENC	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000VA8FYF3	SHELL 25TL 0319V	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000VA8FYF5	SHELL 25TL 1218V	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CY52W09	SHELL 25TL OPENC	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CQ5AQ02	SHELL 25TL OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000CQ5AT58	SHELL 25TL OPENC	EUR	2,7500	2,7500	2,7500			2,7500					



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	DE000CQ5BHP7	SHELL 25TL OPENC	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000VA90XL1	SHELL 26TL 0319V	EUR											
Certificate	DE000CQ5AHQ7	SHELL 26TL OPENC	EUR	1,0500	1,0500	0,8400	21,0000	1	0,8400	20				
Certificate	DE000CQ5BZB9	SHELL 26TL OPENC	EUR											
Certificate	DE000CQ5AKJ6	SHELL 26TL OPENC	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CP06PM9	SHELL 26TL OPENC	EUR											
Certificate	LU1876938298	SHELL 27TPIOPENS	EUR											
Certificate	DE000VN9HAJ4	SHELL 27TS 0319V	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	DE000CP23NV0	SHELL 27TS OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000VA9COM4	SHELL 28TS 0319V	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CP232L6	SHELL 28TS OPENC	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CP23565	SHELL 28TS OPENC	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	DE000VA71N77	SHELL 29TS 0319V	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	DE000VA71PE2	SHELL 29TS 1218V	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	DE000CP06X71	SHELL 29TS OPENC	EUR	2,5900	2,9900	2,5800	25,9000	1	2,9900	10				
Certificate	NL0012649214	SHELL 30BOC0619Z	EUR	27,5550	27,6500	27,5550			27,6500					
Certificate	NL0012648836	SHELL 30BON0619Z	EUR	27,7150	27,7150	27,7150			27,7150					
Certificate	DE000VA71N93	SHELL 30TS 0319V	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	DE000VA71PJ1	SHELL 30TS 1218V	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CP07A77	SHELL 30TS OPENC	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	NL0012793061	SHELL 31BOC1218B	EUR	28,4500	29,3500	28,4500			29,3500					
Certificate	DE000VA7PT38	SHELL 31TS 0319V	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	DE000CJ3QB99	SHELL 31TS 0319Z	EUR	5,7700	5,7700	5,7600			5,7600					
Certificate	DE000VA6T175	SHELL 31TS 1218V	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	DE000CQ5B0N3	SHELL 31TS OPENC	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0012648349	SHELL 32BOC0619Z	EUR	29,1950	29,2100	29,1950			29,2100					
Certificate	NL0013003312	SHELL 32BOC0919B	EUR	25,6600	26,0500	25,6600			26,0500					
Certificate	DE000VA7PT46	SHELL 32TS 0319V	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	DE000VA6T3A7	SHELL 32TS 1218V	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	DE000CQ5AFS7	SHELL 32TS OPENC	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000VA7PT53	SHELL 33TS 0319V	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	DE000CV522G9	SHELL 34TS OPENC	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	DE000CQ5BFJ4	SHELL 34TS OPENC	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	DE000CQ5BTE6	SHELL 34TS OPENC	EUR	7,8800	7,8800	7,8800			7,8800					
Certificate	DE000CV51XE8	SHELL 34TS OPENC	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	DE000CQ5AQ10	SHELL 34TS OPENC	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	DE000CQ5AT74	SHELL 35TS OPENC	EUR	9,1200	9,1200	9,1200			9,1200					
Certificate	DE000CQ5B8V61	SHELL 35TS OPENC	EUR	10,1300	10,1300	10,1300			10,1300					
Certificate	DE000CP07A85	SHELL 35TS OPENC	EUR	10,2500	10,2500	10,2500			10,2500					
Certificate	DE000CP064U4	SHELL 35TS OPENC	EUR	10,1700	10,1700	10,1700			10,1700					
Certificate	DE000CQ5BHQ5	SHELL 35TS OPENC	EUR	9,6200	9,6200	9,6200			9,6200					
Certificate	DE000CQ5AX11	SHELL 36TS OPENC	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	NL0011635974	SHELL 5.3TL OPENB	EUR	20,8850	21,1350	20,8850			21,1350					
Certificate	DE000CM3VLV8	SHELL 5.9TL OPENZ	EUR	20,0650	20,0700	20,0650			20,0700					
Certificate	NL0011635982	SHELL 6.4TL OPENB	EUR	19,8850	20,1350	19,8850			20,1350					
Certificate	NL0009258607	SHELL 8.4TL OPENB	EUR	18,2650	18,2650	18,2650			18,2650					
Certificate	NL0009514223	SHELL 9.6TL OPENB	EUR	17,0850	17,0850	17,0850			17,0850					
Certificate	NL0009558519	SHELL 10.7TL OPENB	EUR	16,0650	16,0650	16,0650			16,0650					
Certificate	NL0009875251	SHELL 11.9TL OPENB	EUR	15,0150	15,0150	15,0150			15,0150					
Certificate	NL0011602545	SHELL 13.4TL OPENH	EUR	13,2800	13,4300	13,2800			13,4300					
Certificate	NL0011654546	SHELL 16.1TL OPENB	EUR	10,7950	11,0450	10,7950			11,0450					
Certificate	NL0011800081	SHELL 17.2TL OPENB	EUR	9,7750	10,0250	9,7750			10,0250					
Certificate	DE000CX0KHC8	SHELL 17.5TL OPENC	EUR	12,2100	12,2100	12,2100			12,2100					
Certificate	NL0012020382	SHELL 18.3TL OPENB	EUR	8,7650	9,0150	8,7650			9,0150					
Certificate	NL0012030654	SHELL 19.3TL OPENB	EUR	7,7850	8,0350	7,7850			8,0350					
Certificate	NL0011413992	SHELL 2.92TL OPENH	EUR	23,0400	23,1800	23,0400			23,1800					
Certificate	NL0012036321	SHELL 20.5TL OPENB	EUR	6,7550	7,0050	6,7400	68225,0000	4	7,0050	10000				
Certificate	NL0012494926	SHELL 21.5TL OPENB	EUR	5,7550	6,1200	5,7550	1806,0000	2	6,0050	300				
Certificate	DE000CV8ABN4	SHELL 22.5TL 1218Z	EUR	3,4650	3,4650	3,4600			3,4600					
Certificate	NL0012496830	SHELL 22.5TL OPENB	EUR	4,8150	5,0650	4,8150			5,0650					
Certificate	DE000VN6ZC13	SHELL 22.9TL OPENV	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000VL37F93	SHELL 22.9TL OPENV	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	DE000VL2FTH9	SHELL 22.9TL OPENV	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000VL37GA7	SHELL 23.4TL OPENV	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	NL0012685077	SHELL 23.5TL OPENB	EUR	3,8850	4,3200	3,8850	6480,0000	1	4,1350	1500				
Certificate	DE000VL37GB5	SHELL 23.9TL OPENV	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	DE000VL37GC3	SHELL 24.4TL OPENV	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	NL0012779888	SHELL 24.6TL OPENB	EUR	2,9050	3,3400	2,9050	16410,0000	3	3,1550	5000				
Certificate	DE000CV8ABP9	SHELL 25.5TL 1218Z	EUR											
Certificate	NL0012781736	SHELL 25.6TL OPENB	EUR											
Certificate	NL0012781421	SHELL 25.7BL OPENB	EUR											
Certificate	NL0012494637	SHELL 25.8BOC1218B	EUR	25,7300	25,7300	25,7300			25,7300					



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	NL0013162738	SHELL 26.9TS OPENB	EUR	3,3350	3,3350	3,0750			3,0750					
Certificate	NL0013153422	SHELL 27.9TS OPENB	EUR	4,3650	4,3650	4,1050			4,1050					
Certificate	NL0013015720	SHELL 28.4TS OPENB	EUR	4,9850	4,9850	4,7250			4,7250					
Certificate	NL0013010242	SHELL 29.5TS OPENB	EUR	6,1450	6,1450	5,8850			5,8850					
Certificate	LU1840912676	SHELL 30.1TPIOPENS	EUR	3,9400	3,9400	3,6900			3,6900					
Certificate	NL0012792410	SHELL 30.5TS OPENB	EUR	7,2550	7,2550	6,9950			6,9950					
Certificate	NL0012783617	SHELL 31.1BS OPENB	EUR	5,6150	5,6150	5,3550			5,3550					
Certificate	NL0012788863	SHELL 31.6TS OPENB	EUR	8,3850	8,3850	8,1250			8,1250					
Certificate	DE000CV8AU60	SHELL 32.5TS 1218Z	EUR	6,9000	6,9000	6,8900			6,8900					
Certificate	NL0012790570	SHELL 32.5TS OPENB	EUR	9,3750	9,3750	9,1150			9,1150					
Certificate	DE000CJ3P323	SHELL 34.5TS 0319Z	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	DE000CV8ABR5	SHELL 37.5TS 1218Z	EUR	11,9000	11,9000	11,8900			11,8900					
Certificate	NL0011413984	SHELL 4.49TL OPENH	EUR	21,5700	21,7100	21,5700			21,7100					
Certificate	NL0012538474	SHELL 42.1TS OPENH	EUR	19,7500	19,7600	19,7500			19,7600					
Certificate	NL0012847198	SHELL 44.8TS OPENH	EUR	22,6900	22,6900	22,6700			22,6700					
Certificate	DE000CM3YQY1	SHELL 5.27TL OPENZ	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	NL0011413976	SHELL 6.07TL OPENH	EUR	20,1000	20,2400	20,1000			20,2400					
Certificate	NL0011413968	SHELL 7.65TL OPENH	EUR	18,6300	18,7800	18,6300			18,7800					
Certificate	NL0011413950	SHELL 9.23TL OPENH	EUR	17,1900	17,3100	17,1900			17,3100					
Certificate	NL0011536693	SHELL 9.88BL OPENB	EUR	16,1250	16,3750	16,1250			16,3750					
Certificate	NL0011529086	SHELL10.96BL OPENB	EUR	15,0350	15,2850	15,0350			15,2850					
Certificate	NL0011039847	SHELL11.44TL OPENH	EUR	15,1100	15,2500	15,1100			15,2500					
Certificate	NL0011593405	SHELL11.84TL OPENH	EUR	14,7400	14,8800	14,7400			14,8800					
Certificate	NL0011434089	SHELL12.04BL OPENB	EUR	13,9550	14,2050	13,9550			14,2050					
Certificate	NL0011593397	SHELL12.36TL OPENH	EUR	14,2500	14,4000	14,2500			14,4000					
Certificate	DE000CN6ESP9	SHELL13.24TL OPENZ	EUR	12,5500	12,5600	12,5500			12,5600					
Certificate	DE000CR9S2Y1	SHELL14.33TL OPENZ	EUR	11,4700	11,4800	11,4700			11,4800					
Certificate	NL0011719984	SHELL14.97TL OPENH	EUR	11,8200	11,9600	11,8200			11,9600					
Certificate	NL0011649090	SHELL15.28BL OPENB	EUR	10,7250	10,9750	10,7250			10,9750					
Certificate	DE000CG2RMP2	SHELL15.29TL OPENC	EUR	16,3100	16,3100	16,3100			16,3100					
Certificate	DE000CN6HXF3	SHELL15.34TL OPENZ	EUR	10,4500	10,4600	10,4500			10,4600					
Certificate	NL0011719976	SHELL15.49TL OPENH	EUR	11,3400	11,4800	11,3400			11,4800					
Certificate	NL0011719968	SHELL16.02TL OPENH	EUR	10,8500	10,9900	10,8500			10,9900					
Certificate	NL0011654223	SHELL16.35BL OPENB	EUR	9,6550	9,9050	9,6550			9,9050					
Certificate	DE000CN6JRD6	SHELL16.37TL OPENZ	EUR	9,4250	9,4900	9,3900	4720,0000	2	9,4300	500				
Certificate	NL0011719950	SHELL16.54TL OPENH	EUR	10,3800	10,5100	10,3800			10,5100					
Certificate	DE000CN6K1A3	SHELL16.61TL OPENZ	EUR	9,6650	9,6700	9,6650			9,6700					
Certificate	NL0011721865	SHELL17.05TL OPENH	EUR	9,9100	10,0300	9,9100			10,0300					
Certificate	DE000CN6JWE4	SHELL17.38TL OPENZ	EUR	8,4200	8,4900	8,4100	4225,0000	2	8,4300	500				
Certificate	NL0011799093	SHELL17.42BL OPENB	EUR	8,5850	8,8350	8,5850			8,8350					
Certificate	NL0011729322	SHELL17.56TL OPENH	EUR	9,4300	9,5500	9,4300			9,5500					
Certificate	NL0011729314	SHELL18.08TL OPENH	EUR	8,9300	9,0700	8,9300			9,0700					
Certificate	DE000CN6L154	SHELL18.14TL OPENZ	EUR	8,1850	8,2500	8,1600	4102,5000	2	8,1900	500				
Certificate	DE000CN6K8Z5	SHELL18.37TL OPENZ	EUR	7,4400	7,4400	7,4400			7,4400					
Certificate	NL0012019632	SHELL18.48BL OPENB	EUR	7,5250	7,7750	7,5250			7,7750					
Certificate	NL0011978309	SHELL18.58TL OPENH	EUR	8,4900	8,6100	8,4900			8,6100					
Certificate	NL0011979018	SHELL19.09TL OPENH	EUR	7,9900	8,1300	7,9900			8,1300					
Certificate	DE000CN6L1V8	SHELL19.36TL OPENZ	EUR	6,4450	6,4500	6,4450			6,4500					
Certificate	NL0012021000	SHELL19.53BL OPENB	EUR	6,5050	6,7550	6,5050			6,7550					
Certificate	NL0011980107	SHELL19.64TL OPENH	EUR	7,4800	7,6200	7,4800			7,6200					
Certificate	DE000CD63872	SHELL19.66TL OPENZ	EUR	6,7500	6,7500	6,6800	3357,5000	2	6,7100	500				
Certificate	DE000CJ3QJY7	SHELL19.75TL 0319Z	EUR	5,8100	6,2300	5,8100	249,2000	2	5,8300	40				
Certificate	NL0011996350	SHELL20.14TL OPENH	EUR	7,0100	7,1500	7,0100			7,1500					
Certificate	DE000CD636V1	SHELL20.35TL OPENZ	EUR	5,4600	5,5200	5,4600	2747,5000	2	5,4700	500				
Certificate	NL0012034284	SHELL20.59BL OPENB	EUR	5,4450	5,6950	5,4450			5,6950					
Certificate	NL0011998158	SHELL20.65TL OPENH	EUR	6,5600	6,6800	6,5600			6,6800					
Certificate	NL0011998232	SHELL21.16TL OPENH	EUR	6,0800	6,2100	6,0800			6,2100					
Certificate	DE000CD63WY7	SHELL21.19TL OPENZ	EUR	5,2700	5,2700	5,2300	2625,0000	2	5,2300	500				
Certificate	NL0012492813	SHELL21.62BL OPENB	EUR	4,4150	4,6650	4,4150			4,6650					
Certificate	NL0012579379	SHELL21.67TL OPENH	EUR	5,6100	5,7300	5,6100			5,7300					
Certificate	DE000VN66VY1	SHELL21.67TL OPENV	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	DE000CD635Q1	SHELL21.71TL OPENZ	EUR	4,1200	4,1200	4,0500	2042,5000	2	4,0800	500				
Certificate	NL0012518138	SHELL22.18TL OPENH	EUR	5,1200	5,4000	5,1200	5400,0000	1	5,2600	1000				
Certificate	DE000VL2FLH6	SHELL22.19TL OPENV	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000CE6ESY2	SHELL22.48TL OPENZ	EUR	3,4000	3,4000	3,3300	1682,5000	2	3,3600	500				
Certificate	NL0012495816	SHELL22.65BL OPENB	EUR	3,3850	3,7700	3,3850	471,2500	1	3,6350	125				
Certificate	NL0012565519	SHELL22.68TL OPENH	EUR	4,6500	4,8000	4,6500			4,8000					
Certificate	DE000CE6EX38	SHELL22.72TL OPENZ	EUR	3,7800	3,7800	3,7200	1875,0000	2	3,7400	500				
Certificate	DE000CJ3P307	SHELL22.75TL 0319Z	EUR	2,9050	2,9100	2,9050			2,9100					
Certificate	DE000VN6ZC05	SHELL22.87TL OPENV	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	NL0012565501	SHELL23.19TL OPENH	EUR	4,1800	4,3200	4,1800			4,3200					
Certificate	DE000VL2FUH7	SHELL23.42TL OPENV	EUR	3,7100	3,7100	3,7100			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	LU1696513024	SHELL23.46TCIOPENS	EUR	3,4200	3,7400	3,4200	74,8000	1	3,6700	20				
Certificate	DE000CE6EWZ1	SHELL23.48TL OPENZ	EUR	2,4000	2,4000	2,3100	1177,5000	2	2,3600	500				
Certificate	NL0012684500	SHELL23.68BL OPENB	EUR	2,3650	2,6150	2,3650	512,0000	1	2,6150	200				
Certificate	NL0012565493	SHELL23.69TL OPENH	EUR	3,7000	4,0400	3,7000	2020,0000	1	3,8500	500				
Certificate	LU1784831023	SHELL23.92TL OPENS	EUR											
Certificate	DE000VL2FUJ3	SHELL23.92TL OPENV	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000VL76DE4	SHELL24.22TL OPENV	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CV501E1	SHELL24.46TL OPENV	EUR	1,4400	1,8200	1,3500	29677,5000	9	1,3900	17750				
Certificate	DE000VL76DC8	SHELL24.64TL OPENV	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0012779482	SHELL24.69BL OPENB	EUR	1,3450	1,7750	1,2800	82586,4700	34	1,5950	52261				
Certificate	NL0012602809	SHELL24.71TL OPENH	EUR	2,7800	2,9000	2,7800	834,0000	1	2,9000	300				
Certificate	DE000VL76DF1	SHELL24.72TL OPENV	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000CJ3P315	SHELL24.75TL 0319Z	EUR	1,0950	1,0950	1,0900			1,0900					
Certificate	DE000CV88970	SHELL24.78TL OPENZ	EUR	1,7800	1,7800	1,6700	862,5000	2	1,7400	500				
Certificate	DE000VL8XKU1	SHELL24.95TL OPENV	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000VL76DD6	SHELL25.14TL OPENV	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000VL9S488	SHELL25.33TL OPENV	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000VL97QQ6	SHELL25.46TL OPENV	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CV889F7	SHELL25.46TL OPENZ	EUR											
Certificate	NL0012604508	SHELL25.71TL OPENH	EUR											
Certificate	LU1719708817	SHELL25.74TCIOPENS	EUR	0,8700	1,1200	0,8700			1,1200					
Certificate	DE000VA183M7	SHELL25.84TL OPENV	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	DE000VA187A3	SHELL25.96TL OPENV	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	LU1719793744	SHELL26.19TCIOPENS	EUR											
Certificate	DE000CJ3QRM5	SHELL26.28TL OPENZ	EUR											
Certificate	DE000VA18661	SHELL26.34TL OPENV	EUR											
Certificate	DE000VA187C9	SHELL26.46TL OPENV	EUR											
Certificate	LU1784831296	SHELL26.91TL OPENS	EUR											
Certificate	NL0013165020	SHELL27.13BS OPENB	EUR	1,6550	1,6550	1,3950			1,3950					
Certificate	NL0013188873	SHELL27.91TS OPENH	EUR	4,4400	4,4400	4,4200			4,4200					
Certificate	NL0013149123	SHELL28.13BS OPENB	EUR	2,6550	2,6550	2,3950	240,0000	1	2,3950	100				
Certificate	LU1841029785	SHELL28.92TPIOPENS	EUR	2,8000	2,8000	2,5400			2,5400					
Certificate	NL0013082647	SHELL29.01TS OPENH	EUR	5,6300	5,6300	5,6100			5,6100					
Certificate	DE000VA37FL2	SHELL29.03TL OPENV	EUR											
Certificate	DE000CJ3PM71	SHELL29.12TS OPENZ	EUR	4,3250	4,3250	4,3200			4,3200					
Certificate	NL0013009061	SHELL29.13BS OPENB	EUR	3,6450	3,6450	3,3850			3,3850					
Certificate	DE000VA37K03	SHELL29.53TL OPENV	EUR											
Certificate	LU1841029868	SHELL29.53TPIOPENS	EUR	3,4000	3,4000	3,1400			3,1400					
Certificate	DE000VA37HB9	SHELL29.58TS OPENV	EUR											
Certificate	DE000CE6FHC8	SHELL29.98TS OPENZ	EUR	4,2850	4,2850	4,2700			4,2700					
Certificate	NL0012864896	SHELL30.06TS OPENH	EUR	6,7600	6,7600	6,7500			6,7500					
Certificate	DE000VA277L9	SHELL30.08TS OPENV	EUR											
Certificate	NL0012695597	SHELL30.12BS OPENB	EUR	4,6350	4,6350	4,3750			4,3750					
Certificate	NL0012603708	SHELL30.41TS OPENH	EUR	7,1200	7,1300	7,1200			7,1300					
Certificate	NL0012615678	SHELL30.99TS OPENH	EUR	7,7400	7,7500	7,7400			7,7500					
Certificate	DE000VA15R98	SHELL31.09TS OPENV	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	DE000VA15R80	SHELL31.23TS OPENV	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0012608590	SHELL31.43TS OPENH	EUR	8,2400	8,2400	8,2300			8,2300					
Certificate	NL0012606743	SHELL31.91TS OPENH	EUR	8,7600	8,7600	8,7500			8,7500					
Certificate	DE000CV88C20	SHELL31.97TS OPENZ	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	NL0012784961	SHELL32.08BS OPENB	EUR	6,5950	6,5950	6,3350			6,3350					
Certificate	LU1756830383	SHELL32.18TPIOPENS	EUR	4,8000	4,8000	4,5400			4,5400					
Certificate	NL0012330898	SHELL32.35TS OPENH	EUR	9,2200	9,2300	9,2200			9,2300					
Certificate	LU1757001539	SHELL32.47TPIOPENS	EUR	5,5300	5,5300	5,2700			5,2700					
Certificate	DE000VL5R8S8	SHELL32.57TS OPENV	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000CV88UP8	SHELL32.63TS OPENZ	EUR	7,9450	7,9450	7,9400			7,9400					
Certificate	DE000VL5R8Q2	SHELL32.77TS OPENV	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	LU1784831536	SHELL32.89TS OPENS	EUR											
Certificate	NL0011039763	SHELL32.93TS OPENH	EUR	9,8500	9,8500	9,8500			9,8500					
Certificate	DE000VA15RW0	SHELL33.03TS OPENV	EUR	7,3900	7,3900	7,3900			7,3900					
Certificate	NL0013001761	SHELL33.07BS OPENB	EUR	7,5950	7,5950	7,3350			7,3350					
Certificate	DE000VL5R8T6	SHELL33.07TS OPENV	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	DE000VA15R58	SHELL33.19TS OPENV	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	DE000VL5R8R0	SHELL33.27TS OPENV	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	DE000VA15TR6	SHELL33.53TS OPENV	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000VA274Z6	SHELL33.58TS OPENV	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	DE000VA1ZCR7	SHELL33.66TS OPENV	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	NL0012852305	SHELL33.83TS OPENH	EUR	10,8100	10,8200	10,8100			10,8200					
Certificate	DE000CV88NL2	SHELL33.97TS OPENZ	EUR	8,2600	8,2600	8,2600			8,2600					
Certificate	NL0012864888	SHELL34.01TS OPENH	EUR	11,0300	11,0300	11,0100			11,0100					
Certificate	DE000VA1ZFN9	SHELL34.16TS OPENV	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	NL0012849459	SHELL34.32TS OPENH	EUR	11,3700	11,3700	11,3500			11,3500					



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	DE000VA1ZGP2	SHELL34.46TS OPENV	EUR	9,2900	9,2900	9,2900			9,2900					
Certificate	NL0012433452	SHELL34.48TS OPENH	EUR	11,5200	11,5300	11,5200			11,5300					
Certificate	NL0012432132	SHELL34.49TS OPENH	EUR	11,5300	11,5400	11,5300			11,5400					
Certificate	DE000VA15NY2	SHELL34.74TS OPENV	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	DE000VA15N50	SHELL35.07TS OPENV	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	NL0012330120	SHELL35.24TS OPENH	EUR	12,3400	12,3500	12,3400			12,3500					
Certificate	DE000VA15N43	SHELL35.25TS OPENV	EUR	8,3700	8,3700	8,3700			8,3700					
Certificate	NL0012051411	SHELL35.54TS OPENH	EUR	12,6900	12,6900	12,6800			12,6800					
Certificate	DE000VA15P41	SHELL35.57TS OPENV	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	DE000VA15RT3	SHELL35.73TS OPENV	EUR	8,8600	8,8600	8,8600			8,8600					
Certificate	LU1784831452	SHELL35.88TS OPENS	EUR											
Certificate	DE000CJ3NVQ5	SHELL36.12TS OPENZ	EUR	11,5400	11,5400	11,5400			11,5400					
Certificate	NL0012054183	SHELL37.07TS OPENH	EUR	14,3100	14,3200	14,3100			14,3200					
Certificate	NL0012579361	SHELL38.58TS OPENH	EUR	15,9500	15,9600	15,9500			15,9600					
Certificate	DE000CV89101	SHELL38.96TS OPENZ	EUR	13,2500	13,2500	13,2500			13,2500					
Certificate	NL0012531339	SHELL39.12TS OPENH	EUR	16,5500	16,5500	16,5300			16,5300					
Certificate	NL0012536783	SHELL39.17TS OPENH	EUR	16,5800	16,5900	16,5800			16,5900					
Certificate	NL0012548226	SHELL40.77TS OPENH	EUR	18,3400	18,3400	18,3200			18,3200					
Certificate	NL0013081789	SHELL44.45TS OPENH	EUR	22,3100	22,3100	22,2900			22,2900					
Certificate	NL0012609747	SHELL44.73TS OPENH	EUR	22,5900	22,6000	22,5900			22,6000					
Certificate	DE000CV88M77	SHOP1101.3TL OPENZ	EUR	2,5200	2,7100	2,5200			2,7100					
Certificate	DE000CV87KU1	SHOP112.2TL OPENZ	EUR	2,0700	2,2600	2,0700			2,2600					
Certificate	DE000CV88KA1	SHOP1123.1TL OPENZ	EUR	1,6200	1,8100	1,6200			1,8100					
Certificate	DE000CJ3QN87	SHOP1138.1TL OPENZ	EUR	1,0100	1,1900	1,0100			1,1900					
Certificate	DE000CJ3N6T0	SHOP191.42TL OPENZ	EUR	2,9200	3,1100	2,9200			3,1100					
Certificate	DE000CV885U4	SHP 34.6TL OPENZ	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CV4ZJV6	SHP 24.74TL OPENZ	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000CV4YZV5	SHP 27.56TL OPENZ	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	DE000CV4YYB0	SHP 30.29TL OPENZ	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000CV88TE4	SHP 38.87TL OPENZ	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CJ3QSR2	SHUR 16TL OPENZ	EUR											
Certificate	DE000CJ3QSS0	SHUR 18TL OPENZ	EUR											
Certificate	DE000CJ3QST8	SHUR 20TL OPENZ	EUR											
Certificate	DE000CJ3QSU6	SHUR 22TL OPENZ	EUR											
Certificate	DE000CJ3QSV4	SHUR 24TL OPENZ	EUR											
Certificate	DE000CXK0ZA4	SIEME 80TL OPENC	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0011715180	SIEME 82TL OPENH	EUR	2,1300	2,1500	2,1300			2,1500					
Certificate	DE000CXK0ZB2	SIEME 90TL OPENC	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	NL0012998660	SIEME 124.8S OPENB	EUR	2,7150	2,7150	2,6550			2,6550					
Certificate	NL0009867100	SIEME 37.4TL OPENB	EUR	6,3650	6,3650	6,3650			6,3650					
Certificate	NL0011051156	SIEME 50.6TL OPENH	EUR	5,0600	5,0800	5,0600			5,0800					
Certificate	NL0010444832	SIEME 70.9TL OPENB	EUR	3,1850	3,2450	3,1850			3,2450					
Certificate	DE000CR9Q0B5	SIEME 73.4TL OPENZ	EUR	4,9350	4,9500	4,9350			4,9500					
Certificate	NL0011654686	SIEME 78.8TL OPENB	EUR	2,4550	2,5050	2,4550			2,5050					
Certificate	NL0011927066	SIEME 85.4TL OPENH	EUR	1,8100	1,8400	1,8100			1,8400					
Certificate	NL0011911417	SIEME 87.4TL OPENB	EUR	1,6450	1,7050	1,6450			1,7050					
Certificate	NL0011929997	SIEME 89.5TL OPENH	EUR	1,4300	1,4500	1,4300			1,4500					
Certificate	NL0012030696	SIEME 96.9TL OPENB	EUR											
Certificate	NL0013083199	SIEME 97.4TL OPENH	EUR											
Certificate	NL0013163454	SIEME104.1BS OPENB	EUR	0,7150	0,7150	0,6650	402,0000	1	0,6650	600				
Certificate	NL0013083181	SIEME106.7TS OPENH	EUR	1,6900	1,7100	1,6900			1,7100					
Certificate	NL0013007388	SIEME108.7TS OPENB	EUR	1,9450	1,9450	1,8950			1,8950					
Certificate	NL0012998652	SIEME114.1BS OPENB	EUR	1,7150	1,7150	1,6650			1,6650					
Certificate	NL0012935803	SIEME114.4TS OPENH	EUR	2,5200	2,5400	2,5200			2,5400					
Certificate	NL0012986764	SIEME119.5TS OPENB	EUR	3,1150	3,1150	3,0650			3,0650					
Certificate	NL0012307441	SIEME122.1TS OPENH	EUR	3,3400	3,3600	3,3400			3,3600					
Certificate	NL0012365472	SIEME129.3TS OPENH	EUR	4,1200	4,1400	4,1200			4,1400					
Certificate	NL0011084538	SIEME131.4TS OPENB	EUR	4,4050	4,4050	4,3450			4,3450					
Certificate	NL0012175608	SIEME132.2TS OPENH	EUR	4,4300	4,4400	4,4300			4,4400					
Certificate	NL0012201800	SIEME132.5TS OPENH	EUR	4,4700	4,4800	4,4700			4,4800					
Certificate	NL0012175590	SIEME151.3TS OPENH	EUR	6,4800	6,5000	6,4800			6,5000					
Certificate	DE000CV8A534	SIEME25.47TL OPENZ	EUR	1,2600	1,2650	1,2600			1,2650					
Certificate	DE000CV8A542	SIEME30.47TL OPENZ	EUR	0,7600	0,7750	0,7600			0,7750					
Certificate	DE000CR9SNJ3	SIEME66.02TL OPENZ	EUR	6,4100	6,4200	6,4100			6,4200					
Certificate	DE000CF3AFLO	SIEME71.26TL OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0013007628	SIEME74.46BL OPENB	EUR	2,4350	2,4950	2,4350			2,4950					
Certificate	DE000CF3AFK2	SIEME76.54TL OPENC	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	DE000CN6IU60	SIEME80.29TL OPENZ	EUR	3,5650	3,5800	3,5650			3,5800					
Certificate	NL0012998629	SIEME84.51BL OPENB	EUR	1,4350	1,4850	1,4350			1,4850					
Certificate	DE000CN6KKU3	SIEME88.22TL OPENZ	EUR	1,9950	2,0100	1,9950			2,0100					
Certificate	NL0012998637	SIEME94.57BL OPENB	EUR	0,4250	0,4850	0,4250			0,4850					
Certificate	DE000CD62JG3	SIEME97.12TL 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	DE000VN610F4	SILVE LEVOPENV	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000VN610H0	SILVE LEVOPENV	EUR	0,0350	0,0350	0,0350			0,0350					
Certificate	DE000VN610G2	SILVE LEVOPENV	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	DE000CE6C1G9	SILVE LEVOPENZ	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CE6C1F1	SILVE LEVOPENZ	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	NL0000293116	SILVE PI OPENN	EUR	11,7900	12,3400	11,7900			12,3400					
Certificate	DE000VN610L2	SILVE SHROPENV	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000VN610K4	SILVE SHROPENV	EUR	3,6850	3,6850	3,6850			3,6850					
Certificate	DE000VN610J6	SILVE SHROPENV	EUR	14,2200	14,2200	14,2200			14,2200					
Certificate	DE000CE6C1H7	SILVE SHROPENZ	EUR	11,9050	11,9050	11,9050			11,9050					
Certificate	DE000CP063U6	SILVE 10TL OPENC	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	DE000CV8A3Z9	SILVE 12TL 1218Z	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	DE000CY50941	SILVE 12TL OPENC	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000CP06PX6	SILVE 12TL OPENC	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000CV88RF5	SILVE 13TL 1218Z	EUR	0,2850	0,2850	0,2850			0,2850					
Certificate	NL0012691901	SILVE 13TL OPENB	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000CP063V4	SILVE 13TL OPENC	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	DE000CV50M28	SILVE 13TL OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0013154313	SILVE 14BL OPENB	EUR	0,6400	0,7400	0,6000	1623,0000	6	0,6000	2400				
Certificate	NL0013156771	SILVE 14TL OPENB	EUR	1,1600	1,2000	1,0700	937,0000	2	1,0700	800				
Certificate	DE000CP23KQ6	SILVE 15TS OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CQ5AAH1	SILVE 16TL OPENC	EUR											
Certificate	LU1790505793	SILVE 16TPIOPENS	EUR	1,2200	1,2400	1,2200			1,2400					
Certificate	DE000CV8A9M4	SILVE 16TS 1218Z	EUR	0,2650	0,2650	0,2650			0,2650					
Certificate	DE000CP07CJ1	SILVE 16TS OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CY16QC9	SILVE 17TL OPENC	EUR											
Certificate	DE000CV8A401	SILVE 17TS 1218Z	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	DE000CQ58PE4	SILVE 17TS OPENC	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	LU1651901578	SILVE 18TPIOPENS	EUR	2,8600	2,8900	2,8600			2,8900					
Certificate	DE000CV88RH1	SILVE 18TS 1218Z	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000CY523C6	SILVE 18TS OPENC	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000CV88RG3	SILVE 19TS 1218Z	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000CX01EB1	SILVE 19TS OPENC	EUR											
Certificate	DE000CY0AVW7	SILVE 19TS OPENC	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	DE000CV88RJ7	SILVE 20TS 1218Z	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000CY0AVX5	SILVE 20TS OPENC	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	DE000CY16QD7	SILVE 21TS OPENC	EUR	6,4900	6,4900	6,4900			6,4900					
Certificate	DE000CX0KV55	SILVE 22TS OPENC	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	NL0011050158	SILVE 23TS OPENH	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	DE000CX0KVR7	SILVE 24TS OPENC	EUR	9,1600	9,1600	9,1600			9,1600					
Certificate	NL0011730700	SILVE 25TS OPENH	EUR	10,4100	10,4100	10,4100			10,4100					
Certificate	DE000CX0KVQ9	SILVE 26TS OPENC	EUR	10,9900	10,9900	10,9900			10,9900					
Certificate	DE000CX0KVP1	SILVE 28TS OPENC	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	DE000CX0KVN6	SILVE 30TS OPENC	EUR	14,6500	14,6500	14,6500			14,6500					
Certificate	DE000CX0KVM8	SILVE 32TS OPENC	EUR	16,4900	16,4900	16,4900			16,4900					
Certificate	NL0011734363	SILVE 22.TRSOPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0011931878	SILVE 29.TRSOPENH	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	NL0011931084	SILVE 29.TRSOPENH	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	NL0011417639	SILVE 6.6TL OPENH	EUR	7,4100	7,4100	7,4100			7,4100					
Certificate	NL0000450229	SILVE 7.9TL OPENB	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	DE000CV8AVZ6	SILVE 10.2TL OPENZ	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	NL0000450245	SILVE 10.3TL OPENB	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	NL0011050315	SILVE 10.3TL OPENH	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	LU1790506171	SILVE 10.5TCIOPENS	EUR	3,4400	3,4400	3,4300			3,4300					
Certificate	NL0000431641	SILVE 10.8TL OPENB	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	NL0012990535	SILVE 11.5TL OPENB	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	NL0011050307	SILVE 11.5TL OPENH	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	NL0006521304	SILVE 12.1TL OPENB	EUR	2,7700	2,7800	2,7100	5540,0000	1	2,7100	2000				
Certificate	DE000VA9CYV5	SILVE 12.1TL OPENV	EUR	2,7350	2,7350	2,7350			2,7350					
Certificate	DE000VA7TF22	SILVE 12.3TL OPENV	EUR	2,5450	2,5450	2,5450			2,5450					
Certificate	LU1790506338	SILVE 12.4TCIOPENS	EUR	1,7300	1,7300	1,7200			1,7200					
Certificate	DE000VA6D4H8	SILVE 12.5TL OPENV	EUR	2,3550	2,3550	2,3550			2,3550					
Certificate	NL0012990543	SILVE 12.6TL OPENB	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0011050299	SILVE 12.6TL OPENH	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	DE000VAGT1C7	SILVE 12.7TL OPENV	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	DE000VASREE9	SILVE 12.9TL OPENV	EUR	1,9950	1,9950	1,9950			1,9950					
Certificate	NL0012894257	SILVE 13.2TL OPENH	EUR	1,8500	1,8500	1,8300	721,5000	1	1,8300	390				
Certificate	DE000VAGT1D5	SILVE 13.2TL OPENV	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000VA4YY33	SILVE 13.4TL OPENV	EUR	1,6600	1,6600	1,5750	315,4000	1	1,5750	190				
Certificate	NL0009062306	SILVE 13.5TL OPENB	EUR	1,5800	1,6200	1,4900	9501,5000	6	1,5000	6150				
Certificate	NL0013185705	SILVE 13.6TROPENH	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0013186950	SILVE 13.6TROPENH	EUR	0,9100	0,9100	0,9100			0,9100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011050281	SILVE 13.7TL OPENH	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000VA71E3	SILVE 13.7TL OPENV	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	DE000VA7PUX5	SILVE 13.8TL OPENV	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000VNG6643	SILVE 14.3TL OPENV	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	DE000VA9CYU7	SILVE 14.8TS OPENV	EUR											
Certificate	NL0012989834	SILVE 15.1TS OPENB	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	DE000VASRJP4	SILVE 15.2TS OPENV	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000CV8AWL4	SILVE 15.4TS OPENZ	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	LU1816982414	SILVE 15.5TPIOPENS	EUR	0,7900	0,8100	0,7900			0,8100					
Certificate	NL0012989289	SILVE 15.6TS OPENB	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000VA4Y1X8	SILVE 15.7TS OPENV	EUR	1,6850	1,6850	1,6850			1,6850					
Certificate	DE000VA2T9J9	SILVE 15.9TL OPENV	EUR											
Certificate	NL0012981575	SILVE 16.1TS OPENB	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	DE000VA4YY25	SILVE 16.2TS OPENV	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	DE000VA6T1B9	SILVE 16.4TS OPENV	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	LU1790505959	SILVE 16.5TPIOPENS	EUR	1,6500	1,6800	1,6500			1,6800					
Certificate	NL0012975957	SILVE 16.6TS OPENB	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	DE000VA3KSG4	SILVE 16.8TS OPENV	EUR	2,6550	2,6550	2,6550			2,6550					
Certificate	NL0012203004	SILVE 16.9TL OPENH	EUR											
Certificate	NL0012889968	SILVE 16.9TS OPENH	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	DE000VA3KSF6	SILVE 16.9TS OPENV	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	DE000VA3KSH2	SILVE 17.3TS OPENV	EUR	3,1250	3,1250	3,1250			3,1250					
Certificate	NL0012551428	SILVE 17.9TS OPENH	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	NL0012494819	SILVE 18.2TS OPENB	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	LU1695121241	SILVE 18.5TPIOPENS	EUR	3,3200	3,3500	3,3200			3,3500					
Certificate	NL0012242218	SILVE 18.7TS OPENH	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	DE000VL2FN04	SILVE 18.7TS OPENV	EUR	3,3150	3,3150	3,3150			3,3150					
Certificate	DE000CD63755	SILVE 18.9TS OPENZ	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000VL2FN12	SILVE 19.2TS OPENV	EUR	3,7350	3,7350	3,7350			3,7350					
Certificate	DE000CD637R7	SILVE 19.4TS OPENZ	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	NL0011974183	SILVE 19.7TS OPENH	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	NL0011979802	SILVE 20.4TS OPENH	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	DE000CD62K30	SILVE 20.5TS OPENZ	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	NL0011050166	SILVE 21.1TS OPENH	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	NL0011894241	SILVE 22.7TS OPENH	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	NL0011050141	SILVE 26.8TS OPENH	EUR	12,1700	12,1700	12,1700			12,1700					
Certificate	NL0011894233	SILVE 29.5TS OPENH	EUR	14,6700	14,6700	14,6700			14,6700					
Certificate	DE000CG33W21	SILVE 34.5TS OPENC	EUR	18,2200	18,2200	18,2200			18,2200					
Certificate	NL0009938992	SILVE 36.6TS OPENB	EUR	21,2900	21,2900	21,2900			21,2900					
Certificate	NL0011417407	SILVE 9.45TRLOPENH	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	NL0012990311	SILVE10.17BL OPENB	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	DE000CV8B318	SILVE11.21TL OPENZ	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	NL0012989446	SILVE11.23BL OPENB	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000CV8B714	SILVE11.28TL OPENZ	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	NL0011408059	SILVE11.71TRLOPENH	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	NL0010897179	SILVE11.73BL OPENB	EUR	2,6200	2,7100	2,6000	3172,0000	3	2,6000	1200				
Certificate	DE000CN6HP10	SILVE12.22TL OPENZ	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000VA9CYW3	SILVE12.24TL OPENV	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	NL0011408042	SILVE12.28TRLOPENH	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0012989164	SILVE12.42BL OPENB	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000VAD6414	SILVE12.44TL OPENV	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	NL0013133648	SILVE12.52TRLOPENH	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	DE000CN6HP02	SILVE12.72TL OPENZ	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0013180771	SILVE12.72TRLOPENH	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0013128010	SILVE12.85TRLOPENH	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	NL0011408034	SILVE12.85TRLOPENH	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	NL0011521265	SILVE12.92BL OPENB	EUR	1,6800	1,6800	1,5400	277,2000	1	1,5400	165				
Certificate	DE000VASRJUR0	SILVE12.93TL OPENV	EUR	1,4750	1,4750	1,4750			1,4750					
Certificate	NL0012895775	SILVE13.06TRLOPENH	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	NL0012893077	SILVE13.17TRLOPENH	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CN6GW12	SILVE13.23TL OPENZ	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0013188642	SILVE13.28TRLOPENH	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CV4Z0D7	SILVE13.31TL OPENZ	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000VA4YY41	SILVE13.41TL OPENV	EUR	1,0900	1,1100	0,9750	2200,0000	3	0,9750	2000				
Certificate	NL0011408026	SILVE13.41TRLOPENH	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	LU1790506684	SILVE13.45TPIOPENS	EUR	0,7900	0,7900	0,7800			0,7800					
Certificate	NL0010897187	SILVE13.49BL OPENB	EUR	1,0700	1,1700	1,0400	3316,1500	5	1,0400	2901				
Certificate	DE000CJ3P992	SILVE13.49TL OPENZ	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	NL0012893630	SILVE13.57TRLOPENH	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	NL0013187867	SILVE13.59TRLOPENH	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	NL0013182660	SILVE13.61TRLOPENH	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0013184468	SILVE13.61TRLOPENH	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	NL0013183379	SILVE13.62TRLOPENH	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0013182173	SILVE13.62TRLOPENH	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0013187859	SILVE13.69TRLOPENH	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	NL0013184450	SILVE13.71TRLOPENH	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	DE000CN6G9Y2	SILVE13.74TL OPENZ	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	NL0012893622	SILVE13.78TRLOPENH	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	NL0012905517	SILVE13.82TRLOPENH	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	NL0013083991	SILVE13.88TRLOPENH	EUR	0,7200	0,7200	0,6500	174,0000	2	0,6500	250				
Certificate	DE000VA9C2Y5	SILVE13.99TL OPENV	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	DE000CJ3QPP2	SILVE13.99TL OPENZ	EUR	0,6400	0,6400	0,5650	640,0000	1	0,5650	1000				
Certificate	NL0013188634	SILVE13.99TRLOPENH	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	NL0013188626	SILVE14.09TRLOPENH	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	NL0013188618	SILVE14.19TRLOPENH	EUR	0,4400	0,5000	0,3900	3503,9300	7	0,3900	7895				
Certificate	DE000CJ3QX85	SILVE14.23TL OPENZ	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000VN9G650	SILVE14.25TL OPENV	EUR	0,4700	0,4750	0,3750	37,6000	1	0,3750	80				
Certificate	NL0013134109	SILVE14.57TRSOPEH	EUR											
Certificate	DE000CJ3P7B4	SILVE14.66TS OPENZ	EUR											
Certificate	NL0013134091	SILVE14.67TRSOPEH	EUR											
Certificate	NL0013134083	SILVE14.77TRSOPEH	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000VACYJ0	SILVE14.77TS OPENV	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	DE000CJ3P4R7	SILVE14.91TS OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0012893069	SILVE14.98TRSOPEH	EUR	0,4000	0,4200	0,4000	541,0800	2	0,4200	1336				
Certificate	NL0013083967	SILVE15.07TRSOPEH	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000VAGEHN9	SILVE15.07TS OPENV	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	NL0012890446	SILVE15.08TRSOPEH	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012938518	SILVE15.08TRSOPEH	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012888333	SILVE15.08TRSOPEH	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012989461	SILVE15.15BS OPENB	EUR	0,5200	0,6400	0,5100	52,0000	1	0,6400	100				
Certificate	DE000CV8AXT5	SILVE15.15TS OPENZ	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0013187263	SILVE15.17TRSOPEH	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0013185895	SILVE15.17TRSOPEH	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0012937718	SILVE15.18TRSOPEH	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	NL0012938500	SILVE15.18TRSOPEH	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	NL0012890941	SILVE15.28TRSOPEH	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000VASRED1	SILVE15.35TS OPENV	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	NL0013187842	SILVE15.37TRSOPEH	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	NL0013185697	SILVE15.37TRSOPEH	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	NL0013129406	SILVE15.37TRSOPEH	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	NL0013184443	SILVE15.37TRSOPEH	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	NL0013127996	SILVE15.37TRSOPEH	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	NL0012893051	SILVE15.38TRSOPEH	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	NL0013084726	SILVE15.47TRSOPEH	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CV8AVQ5	SILVE15.48TS OPENZ	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000VAGEHQ2	SILVE15.57TS OPENV	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	DE000CV8ATT3	SILVE15.64TS OPENZ	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	NL0012989180	SILVE15.66BS OPENB	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	NL0012929962	SILVE15.68TRSOPEH	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0013189350	SILVE15.77TRSOPEH	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000VA4Y09	SILVE15.86TS OPENV	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	NL0012930556	SILVE15.88TRSOPEH	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CV8A3J3	SILVE15.89TS OPENZ	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	NL0012930549	SILVE15.98TRSOPEH	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000VAGEHR0	SILVE16.07TS OPENV	EUR	1,3550	1,3550	1,3550			1,3550					
Certificate	NL0012930531	SILVE16.08TRSOPEH	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CV8A8F0	SILVE16.14TS OPENZ	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0012979629	SILVE16.16BS OPENB	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	NL0012928816	SILVE16.18TRSOPEH	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	NL0012925523	SILVE16.28TRSOPEH	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000VA4Y17	SILVE16.36TS OPENV	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	NL0012925515	SILVE16.38TRSOPEH	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CV89PS0	SILVE16.39TS OPENZ	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	NL0012925507	SILVE16.48TRSOPEH	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	DE000CV89PZ5	SILVE16.48TS OPENZ	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000VA7TDE3	SILVE16.55TS OPENV	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	NL0012919302	SILVE16.58TRSOPEH	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0012924096	SILVE16.58TRSOPEH	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0013003536	SILVE16.65BS OPENB	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0012919088	SILVE16.68TRSOPEH	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	NL0012919070	SILVE16.78TRSOPEH	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0012917942	SILVE16.88TRSOPEH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CV89HY5	SILVE16.89TS OPENZ	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0012917934	SILVE16.98TRSOPEH	EUR	2,1900	2,1900	2,1900			2,1900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1790425505	SILVE17.05TPIOPENS	EUR	2,1300	2,1500	2,1300			2,1500					
Certificate	NL0012916449	SILVE17.08TRSOPENH	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	NL0012917926	SILVE17.08TRSOPENH	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	NL0013164585	SILVE17.15BS OPENB	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	NL0012916431	SILVE17.28TRSOPENH	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0012863401	SILVE17.28TRSOPENH	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0012863393	SILVE17.38TRSOPENH	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000CV88FV7	SILVE17.39TS OPENZ	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	NL0012613004	SILVE17.44TRSOPENH	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	DE000CV89HV1	SILVE17.48TS OPENZ	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000VL76840	SILVE17.53TS OPENV	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	NL0012864201	SILVE17.58TRSOPENH	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	NL0012863385	SILVE17.68TRSOPENH	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	NL0012863377	SILVE17.78TRSOPENH	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	NL0012863369	SILVE17.88TRSOPENH	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000CE6EU31	SILVE17.88TS OPENZ	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	NL0012612998	SILVE17.94TRSOPENH	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	LU1651918549	SILVE18.05TPIOPENS	EUR	2,9200	2,9500	2,9200			2,9500					
Certificate	NL0012864193	SILVE18.08TRSOPENH	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	DE000VL2FT16	SILVE18.16TS OPENV	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	NL0012863351	SILVE18.18TRSOPENH	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0012863344	SILVE18.28TRSOPENH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000CE6CMQ5	SILVE18.39TS OPENZ	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	DE000CE6CF22	SILVE18.48TS OPENZ	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	NL0011979588	SILVE18.49TRSOPENH	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	NL0012052617	SILVE18.58TRSOPENH	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	NL0012052906	SILVE18.58TRSOPENH	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	NL0012053326	SILVE18.59TRSOPENH	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	NL0012053722	SILVE18.62TRSOPENH	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	NL0012054407	SILVE18.62TRSOPENH	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	NL0011997663	SILVE18.65TRSOPENH	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	NL0011997713	SILVE18.66TRSOPENH	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0011997952	SILVE18.67TRSOPENH	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0012049274	SILVE18.68TRSOPENH	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0012048755	SILVE18.68TRSOPENH	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	NL0012052369	SILVE18.71TRSOPENH	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	NL0012054969	SILVE18.76TRSOPENH	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	NL0012055248	SILVE18.76TRSOPENH	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	LU1651918978	SILVE19.05TPIOPENS	EUR	3,7900	3,8200	3,7900			3,8200					
Certificate	NL0011971346	SILVE19.45TRSOPENH	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	DE000CD63815	SILVE19.48TS OPENZ	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	DE000CD625N0	SILVE19.92TS OPENZ	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	DE000CD61X44	SILVE20.42TS OPENZ	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	NL0012864185	SILVE20.47TRSOPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0012095418	SILVE20.53TRSOPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	NL0012090559	SILVE20.53TRSOPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	NL0012095038	SILVE20.53TRSOPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	NL0012092126	SILVE20.53TRSOPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	NL0012095822	SILVE20.54TRSOPENH	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	NL0012096200	SILVE20.54TRSOPENH	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	NL0012172712	SILVE20.55TRSOPENH	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	NL0012097372	SILVE20.55TRSOPENH	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	NL0012096416	SILVE20.55TRSOPENH	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	NL0012173454	SILVE20.56TRSOPENH	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	NL0012199541	SILVE20.57TRSOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0012176788	SILVE20.57TRSOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0012916423	SILVE20.57TRSOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0012198469	SILVE20.57TRSOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0012200026	SILVE20.57TRSOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0012195390	SILVE20.57TRSOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0012200331	SILVE20.57TRSOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0012196638	SILVE20.57TRSOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0012181077	SILVE20.57TRSOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0012195754	SILVE20.57TRSOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0011421060	SILVE20.84TRSOPENH	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	DE000CD61X51	SILVE20.92TS OPENZ	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	NL0011417381	SILVE21.05TRSOPENH	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000CD61X69	SILVE21.42TS OPENZ	EUR	6,1400	6,1400	6,1400			6,1400					
Certificate	DE000CD62171	SILVE21.93TS OPENZ	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	NL0011417373	SILVE22.94TRSOPENH	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	NL0012916415	SILVE24.06TRSOPENH	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	NL0011735816	SILVE24.87TRSOPENH	EUR	9,1700	9,1700	9,1700			9,1700					



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	NL001188912	SILVE26.81TRSOPENH	EUR	10,8800	10,8800	10,8800			10,8800					
Certificate	NL0011894472	SILVE28.92TRSOPENH	EUR	12,7500	12,7500	12,7500			12,7500					
Certificate	NL0011894993	SILVE28.93TRSOPENH	EUR	12,7600	12,7600	12,7600			12,7600					
Certificate	NL0011896741	SILVE28.94TRSOPENH	EUR	12,7700	12,7700	12,7700			12,7700					
Certificate	NL0011929443	SILVE28.97TRSOPENH	EUR	12,8000	12,8000	12,8000			12,8000					
Certificate	NL0011929658	SILVE28.98TRSOPENH	EUR	12,8000	12,8000	12,8000			12,8000					
Certificate	NL0011935077	SILVE29.04TRSOPENH	EUR	12,8600	12,8600	12,8600			12,8600					
Certificate	NL0011970348	SILVE29.06TRSOPENH	EUR	12,8700	12,8700	12,8700			12,8700					
Certificate	NL0011971155	SILVE29.07TRSOPENH	EUR	12,8900	12,8900	12,8900			12,8900					
Certificate	NL0011971338	SILVE29.08TRSOPENH	EUR	12,9000	12,9000	12,9000			12,9000					
Certificate	NL0011971676	SILVE29.09TRSOPENH	EUR	12,9100	12,9100	12,9100			12,9100					
Certificate	NL0011972922	SILVE29.13TRSOPENH	EUR	12,9400	12,9400	12,9400			12,9400					
Certificate	NL0011973623	SILVE29.13TRSOPENH	EUR	12,9400	12,9400	12,9400			12,9400					
Certificate	NL0011973946	SILVE29.14TRSOPENH	EUR	12,9500	12,9500	12,9500			12,9500					
Certificate	NL0011417415	SILVE7.186TRLOPENH	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	DE000C3N1S3	SINA 45.76TL OPENZ	EUR	1,6850	1,8450	1,6850			1,8450					
Certificate	DE000CV8ATB1	SINA 53.64TL OPENZ	EUR	1,0250	1,1850	1,0250			1,1850					
Certificate	DE000C3QN95	SINA 59.15TL OPENZ	EUR	0,5650	0,7150	0,5650			0,7150					
Certificate	DE000CV8B9F7	SIPF 17.4TL OPENZ	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	NL0013164940	SIPF 29.4BS OPENB	EUR	0,1650	0,1650	0,1450			0,1450					
Certificate	NL0012994123	SIPF 32.4BS OPENB	EUR	0,4650	0,4650	0,4450			0,4450					
Certificate	DE000CD62ZT2	SIPF 19.57TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	DE000CV87LM6	SIPF 21.71TL OPENZ	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	NL0013012008	SIPF 22.34BL OPENB	EUR	0,6650	0,6850	0,6650			0,6850					
Certificate	DE000CD62ZS4	SIPF 23.84TL OPENZ	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	NL0012995369	SIPF 24.34BL OPENB	EUR	0,4650	0,4850	0,4650			0,4850					
Certificate	DE000CV87LN4	SIPF 25.92TL OPENZ	EUR	0,3800	0,4050	0,3800	779,0000	2	0,4050	2000				
Certificate	NL0012994065	SIPF 26.35BL OPENB	EUR	0,2650	0,2850	0,2650			0,2850					
Certificate	NL0013013303	SIPF 28.35BL OPENB	EUR											
Certificate	DE000C3PEX2	SIPF 28.45TL OPENZ	EUR											
Certificate	NL0012978993	SIPF 35.37BS OPENB	EUR	0,7550	0,7550	0,7350			0,7350					
Certificate	NL0012979009	SIPF 38.33BS OPENB	EUR	1,0550	1,0550	1,0350			1,0350					
Certificate	DE000CE6CNS9	SLIGR 24.9TL OPENZ	EUR	2,6100	2,6100	2,4750	1044,0000	2	2,4750	400				
Certificate	DE000CE6CQT0	SLIGR21.73TL OPENZ	EUR	3,0650	3,0650	3,0650			3,0650					
Certificate	DE000CE6CNR1	SLIGR27.93TL OPENZ	EUR	1,9500	1,9500	1,9050	682,5000	1	1,9050	350				
Certificate	NL0012982177	SLIGR30.66BL OPENB	EUR	0,6550	0,6550	0,5950			0,5950					
Certificate	DE000CV42BG4	SLIGR31.12TL OPENZ	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	NL0012983613	SLIGR31.65BL OPENB	EUR	0,5550	0,5550	0,4950			0,4950					
Certificate	NL0012977664	SLIGR32.68BL OPENB	EUR	0,4550	0,4550	0,3950			0,3950					
Certificate	DE000CV8AZH5	SLIGR33.25TL OPENZ	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	NL0012983621	SLIGR33.67BL OPENB	EUR	0,3550	0,3550	0,2950			0,2950					
Certificate	NL0013003643	SLIGR35.67BL OPENB	EUR	0,1550	0,1550	0,1550			0,1550					
Certificate	DE000C3NSR9	SLIGR35.82TL OPENZ	EUR											
Certificate	NL0012983662	SLIGR40.72BS OPENB	EUR	0,5350	0,5950	0,5350			0,5950					
Certificate	NL0013004815	SLIGR44.69BS OPENB	EUR	0,9350	0,9850	0,9350			0,9850					
Certificate	DE0005437461	SMI PI OPENN	EUR	76,8100	76,8100	76,8100			76,8100					
Certificate	NL0010283115	SMI 5930TL OPENB	EUR	26,0500	26,0500	26,0500			26,0500					
Certificate	NL0010286795	SMI 6460TL OPENB	EUR	21,5200	21,5200	21,5200			21,5200					
Certificate	NL0010444196	SMI 6920TL OPENB	EUR	17,5100	17,5100	17,5100			17,5100					
Certificate	NL0012100770	SMI 7740TL OPENB	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	NL0012117881	SMI 8190TL OPENB	EUR	6,3700	6,5500	6,3700	6372,0000	2	6,5500	1000				
Certificate	NL0012980312	SMI 8580TL OPENB	EUR											
Certificate	NL0012260434	SMI 9230TS OPENB	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	NL0012266548	SMI 9610TS OPENB	EUR	10,4400	10,6900	10,4200	574,2000	1	10,6900	55				
Certificate	NL0012790265	SMI 10000TS OPENB	EUR	14,3000	14,3000	14,3000			14,3000					
Certificate	DE000CP06UR8	SNAP 4TL OPENC	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	DE000CP23K42	SNAP 4TL OPENC	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	DE000CP23K59	SNAP 6TL OPENC	EUR											
Certificate	DE000CP238T6	SNAP 6TL OPENC	EUR											
Certificate	DE000CP06US6	SNAP 8TS OPENC	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	DE000CP07B76	SNAP 8TS OPENC	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	DE000CP06KY5	SNAP 10TS OPENC	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CY51170	SNAP 11TL OPENC	EUR											
Certificate	DE000CY524E0	SNAP 12TL OPENC	EUR											
Certificate	DE000CP06305	SNAP 12TS OPENC	EUR											
Certificate	DE000CY52N67	SNAP 13TL OPENC	EUR											
Certificate	DE000CQ5BEN9	SNAP 15TS OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CQ5ALB1	SNAP 16TS OPENC	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CQ5A1R3	SNAP 22TS OPENC	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000CJ3N6L7	SNAP 5.2TL 1218Z	EUR	0,4950	0,5850	0,4950			0,5850					
Certificate	DE000CJ3N6M5	SNAP 5.6TL 1218Z	EUR											
Certificate	DE000CJ3QFQ1	SNAP 4.55TL 0319Z	EUR	1,0550	1,1550	1,0550			1,1550					



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	DE000CJ3P8P2	SNAP 5.25TL 0319Z	EUR	0,4450	0,5450	0,4450			0,5450					
Certificate	DE000CJ3QBK3	SNAP 5.65TL 0319Z	EUR											
Certificate	DE000CJ3QLG0	SNAP 6.05TL 0319Z	EUR											
Certificate	DE000CJ3QW52	SNAP 3.721TL OPENZ	EUR	1,7350	1,8450	1,7350			1,8450					
Certificate	DE000CJ3N054	SNAP 4.724TL OPENZ	EUR	0,8650	0,9650	0,8650			0,9650					
Certificate	DE000CJ3N195	SNAP 5.628TL OPENZ	EUR											
Certificate	DE000CJ3QRC6	SNAP 6.221TL OPENZ	EUR											
Certificate	DE000CJ3POC7	SODEX57.16TL OPENZ	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000CV88707	SODEX67.06TL OPENZ	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CV87JW9	SODEX77.52TL OPENZ	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CJ3P5A0	SODEX87.65TL OPENZ	EUR											
Certificate	DE000CE6CQV6	SOF 102.3TL OPENZ	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	DE000CE6CNC3	SOF 112.8TL OPENZ	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000CE6CNB5	SOF 123.3TL OPENZ	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000CV88K61	SOF 133.8TL OPENZ	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0013164031	SOF 138.48L OPENB	EUR	1,6150	1,6650	1,6150			1,6650					
Certificate	DE000CV89ZC3	SOF 144.2TL OPENZ	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	NL0012998108	SOF 148.48L OPENB	EUR	1,1150	1,1650	1,1150			1,1650					
Certificate	DE000CV8AP67	SOF 154.6TL OPENZ	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	NL0012998116	SOF 158.58L OPENB	EUR	0,6150	0,6650	0,6150			0,6650					
Certificate	NL0013147440	SOF 168.48L OPENB	EUR											
Certificate	DE000CJ3P2G4	SOF 169.8TL OPENZ	EUR											
Certificate	NL0012998272	SOF 188.58S OPENB	EUR	1,2050	1,2050	1,1550			1,1550					
Certificate	NL0012999056	SOF 208.38S OPENB	EUR	2,1950	2,1950	2,1450			2,1450					
Certificate	DE000CE6E1Z7	SOF 81.77TL OPENZ	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	DE000CJ3PWF1	SOFTB 5594TL OPENZ	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000CJ3PAT8	SOFTB 6581TL OPENZ	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CV8AST5	SOFTB 7573TL OPENZ	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CJ3QBV0	SOFTB 8584TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CV8B2A3	SOFTB 9678TL OPENZ	EUR											
Certificate	DE000CX59GR0	SOGEN 30TL OPENC	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CJ3QVJ3	SOGEN 28.TL OPENZ	EUR	0,4350	0,4350	0,3400			0,3400					
Certificate	NL0011642822	SOGEN 17.2TL OPENB	EUR	13,9750	14,0850	13,9750			14,0850					
Certificate	NL0010444097	SOGEN 19.8TL OPENB	EUR	11,7050	11,7050	11,7050			11,7050					
Certificate	NL0013164510	SOGEN 24.8TL OPENB	EUR	7,0250	7,1350	7,0250			7,1350					
Certificate	NL0013164528	SOGEN 27.3TL OPENB	EUR	4,7550	4,8650	4,7550			4,8650					
Certificate	NL0012025670	SOGEN 30.4TL OPENB	EUR											
Certificate	NL0013014293	SOGEN 35.5TS OPENB	EUR	9,8850	9,8850	9,7450			9,7450					
Certificate	NL0012934814	SOGEN 38.7TS OPENH	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0012793632	SOGEN 40.5TS OPENB	EUR	15,4350	15,4350	15,2950			15,2950					
Certificate	NL0012051205	SOGEN 53.8TS OPENH	EUR	3,3700	3,3800	3,3700			3,3800					
Certificate	NL0011226444	SOGEN18.63TL OPENH	EUR	1,3400	1,3400	1,3300			1,3300					
Certificate	DE000CN6J8R5	SOGEN23.51TL OPENZ	EUR	1,3150	1,3150	1,2200			1,2200					
Certificate	NL0011989702	SOGEN30.02TL OPENH	EUR											
Certificate	DE000CD63CC5	SOGEN31.18TL OPENZ	EUR											
Certificate	NL0013183866	SOGEN34.15TS OPENH	EUR	1,0600	1,0800	1,0600			1,0800					
Certificate	NL0012934277	SOGEN39.91TS OPENH	EUR	1,7400	1,7500	1,7400			1,7500					
Certificate	NL0012848113	SOGEN40.86TS OPENH	EUR	1,8500	1,8600	1,8500			1,8600					
Certificate	NL0012846737	SOGEN41.84TS OPENH	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0012846729	SOGEN42.82TS OPENH	EUR	2,0800	2,0900	2,0800			2,0900					
Certificate	NL0012595037	SOGEN43.84TS OPENH	EUR	2,2000	2,2100	2,2000			2,2100					
Certificate	NL0012581235	SOGEN45.77TS OPENH	EUR	2,4300	2,4400	2,4300			2,4400					
Certificate	NL0012431647	SOGEN46.79TS OPENH	EUR	2,5500	2,5600	2,5500			2,5600					
Certificate	NL0012582613	SOGEN47.74TS OPENH	EUR	2,6600	2,6700	2,6600			2,6700					
Certificate	NL0012581227	SOGEN48.71TS OPENH	EUR	2,7700	2,7800	2,7700			2,7800					
Certificate	NL0011226378	SOGEN49.04TS OPENH	EUR	2,8100	2,8200	2,8100			2,8200					
Certificate	NL0012581987	SOGEN50.68TS OPENH	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	NL0012581219	SOGEN51.65TS OPENH	EUR	3,1200	3,1300	3,1200			3,1300					
Certificate	NL0012057756	SOGEN53.07TS OPENH	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	NL0012565618	SOGEN53.57TS OPENH	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	NL0012054241	SOGEN53.93TS OPENH	EUR	3,3900	3,4000	3,3900			3,4000					
Certificate	NL0012331730	SOGEN60.06TS OPENH	EUR	4,1100	4,1200	4,1100			4,1200					
Certificate	NL0012366322	SOGEN60.16TS OPENH	EUR	4,1200	4,1300	4,1200			4,1300					
Certificate	DE000CV8BAG8	SOHU 15.6TL OPENZ	EUR	1,2650	1,3450	1,2650			1,3450					
Certificate	DE000CJ3N3E9	SOHU 11.62TL OPENZ	EUR	1,9150	1,9950	1,9150			1,9950					
Certificate	DE000CJ3NY95	SOHU 13.65TL OPENZ	EUR	1,5850	1,6650	1,5850			1,6650					
Certificate	DE000CJ3POT1	SOHU 17.67TL OPENZ	EUR	0,9350	1,0150	0,9350			1,0150					
Certificate	DE000CJ3QQK1	SOHU 20.17TL OPENZ	EUR	0,5250	0,5950	0,5250			0,5950					
Certificate	NL0010131181	SOLAR 18TL OPENB	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0010285268	SOLAR 25TL OPENB	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	DE000CJ3NNS8	SOLAR 33.9TL OPENZ	EUR	0,4150	0,4150	0,3950			0,3950					
Certificate	DE000CJ3QMV7	SOLAR 40.9TL OPENZ	EUR	0,1150	0,1150	0,0930			0,0930					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3PNX3	SOLAR27.87TL OPENZ	EUR	0,6850	0,6850	0,6550			0,6550					
Certificate	NL0010733838	SOL EE STN1120V	EUR	100,6500	100,7500	100,6500			100,7500					
Certificate	DE000CP238H1	SOLVA 60TL OPENC	EUR	3,0100	3,0100	3,0100								
Certificate	NL0010133062	SOLVA 65TL OPENB	EUR	31,2900	31,2900	31,0300				31,0300				
Certificate	DE000CQ58L14	SOLVA 80TL OPENC	EUR	0,9700	0,9700	0,9700				0,9700				
Certificate	DE000CP06XC4	SOLVA 90TL OPENC	EUR											
Certificate	DE000CP06MK0	SOLVA 110TL OPENC	EUR											
Certificate	DE000CY16SC5	SOLVA 110TL OPENC	EUR											
Certificate	DE000CP06U66	SOLVA 110TS OPENC	EUR	2,1700	2,1700	2,1700				2,1700				
Certificate	DE000CQ58L30	SOLVA 120TS OPENC	EUR	3,1000	3,1000	3,1000				3,1000				
Certificate	DE000CQ58XR0	SOLVA 130TS OPENC	EUR	4,1400	4,1400	4,1400				4,1400				
Certificate	DE000CQ58XS8	SOLVA 140TS OPENC	EUR	5,1300	5,1300	5,1300				5,1300				
Certificate	NL0009175983	SOLVA 36.4TL OPENB	EUR	59,6800	59,6800	59,4200				59,4200				
Certificate	NL0011913041	SOLVA 83.2TL OPENB	EUR	12,5900	12,5900	12,2700				12,2700				
Certificate	DE000CQ62DF8	SOLVA 85.6TL OPENZ	EUR	5,0200	5,0200	4,1750	1506,0000	1	4,1750	300				
Certificate	NL0013165368	SOLVA 85.7TL OPENB	EUR	10,2800	10,2800	8,9700	1076,4000	1	9,9600	120				
Certificate	NL0011917083	SOLVA 90.9TL OPENB	EUR											
Certificate	NL0013165509	SOLVA 93.2TS OPENB	EUR	10,9400	11,1200	10,9400				11,1200				
Certificate	NL0012030720	SOLVA 93.4TL OPENB	EUR											
Certificate	NL0013160682	SOLVA 95.9TL OPENB	EUR											
Certificate	NL0013162746	SOLVA 98.2TS OPENB	EUR	16,3200	16,5000	16,3200				16,5000				
Certificate	NL0013155013	SOLVA103.2TS OPENB	EUR	21,6000	21,7800	21,6000				21,7800				
Certificate	NL0013011901	SOLVA108.2TS OPENB	EUR	27,0400	27,2200	27,0400				27,2200				
Certificate	NL0013009095	SOLVA109.98S OPENB	EUR	2,1550	2,1750	2,1550				2,1750				
Certificate	NL0013010283	SOLVA113.3TS OPENB	EUR	32,5100	32,6900	32,5100				32,6900				
Certificate	NL0013006000	SOLVA118.3TS OPENB	EUR	37,8600	38,0400	37,8600				38,0400				
Certificate	NL0012993091	SOLVA119.88S OPENB	EUR	3,1450	3,1650	3,1450				3,1650				
Certificate	DE000CE6CP55	SOLVA128.6TS OPENZ	EUR	3,9600	3,9600	3,9600				3,9600				
Certificate	NL0012993109	SOLVA129.78S OPENB	EUR	4,1450	4,1550	4,1450				4,1550				
Certificate	DE000CE6FCB1	SOLVA145.4TS OPENZ	EUR	5,6500	5,6500	5,6500				5,6500				
Certificate	DE000CN6EKY8	SOLVA67.71TL OPENZ	EUR	21,8150	21,8150	21,8150				21,8150				
Certificate	DE000CN6JU78	SOLVA75.68TL OPENZ	EUR	13,9350	13,9350	13,9350				13,9350				
Certificate	NL0013163090	SOLVA77.67BL OPENB	EUR	1,3800	1,3800	1,3550	496,8000	1	1,3550	360				
Certificate	DE000CN6K933	SOLVA80.64TL OPENZ	EUR	9,0150	9,0150	9,0150				9,0150				
Certificate	NL0013016520	SOLVA82.67BL OPENB	EUR	0,8850	0,9200	0,7450	4051,5000	4	0,8550	4800				
Certificate	NL0013014830	SOLVA87.69BL OPENB	EUR											
Certificate	DE000CD62LE4	SOLVA91.49TL OPENZ	EUR											
Certificate	NL0013008766	SOLVA92.67BL OPENB	EUR											
Certificate	NL0013163462	SOLVA99.89BS OPENB	EUR	1,1550	1,1750	1,1550				1,1750				
Certificate	NL0010129045	SONY 9.9TL OPENB	EUR	37,2800	37,2800	37,2800				37,2800				
Certificate	NL0010289104	SONY 16.3TL OPENB	EUR	32,1100	32,1100	32,1100				32,1100				
Certificate	DE000CV8AH9	SONY 4331TL OPENZ	EUR	1,3900	1,3900	1,3900				1,3900				
Certificate	DE000CV8ASV1	SONY 5402TL OPENZ	EUR	0,6100	0,6100	0,6100				0,6100				
Certificate	DE000CJ3NKE4	SONY 6387TL OPENZ	EUR											
Certificate	NL0011233275	SOYBN 15TS OPENH	EUR	6,5300	6,5300	6,5300				6,5300				
Certificate	NL0011233366	SOYBN 6.85TL OPENH	EUR	2,5400	2,5400	2,5400				2,5400				
Certificate	NL0012922512	SOYBN 7.52TL OPENH	EUR	1,9900	1,9900	1,9900				1,9900				
Certificate	NL0012922504	SOYBN 7.73TL OPENH	EUR	1,8300	1,8300	1,8300				1,8300				
Certificate	NL0011233358	SOYBN 7.93TL OPENH	EUR	1,6700	1,6700	1,6700				1,6700				
Certificate	NL0012922496	SOYBN 8.13TL OPENH	EUR	1,5000	1,5000	1,5000				1,5000				
Certificate	NL0012938419	SOYBN 9.36TS OPENH	EUR	1,0500	1,0500	1,0500				1,0500				
Certificate	NL0012922439	SOYBN 9.45TS OPENH	EUR	1,1400	1,1400	1,1400				1,1400				
Certificate	NL0012922421	SOYBN 9.65TS OPENH	EUR	1,3300	1,3300	1,3300				1,3300				
Certificate	NL0011233283	SOYBN13.14TS OPENH	EUR	4,7200	4,7200	4,7200				4,7200				
Certificate	DE000591325	SP500 PI OPENN	EUR	231,4700	231,4700	231,4700				231,4700				
Certificate	NL0011218656	SP500 STN0320V	EUR											
Certificate	XS1586684836	SP500 STN0323B	USD	107,4000	107,9000	107,4000				107,9000				
Certificate	NL0011218714	SP500 STN0324V	USD											
Certificate	NL0012248074	SP500 STN0723V	USD											
Certificate	NL0010733846	SP500 STN0919V	USD	128,9500	129,6500	128,9500				129,6500				
Certificate	NL0011218359	SP500 STN1019V	EUR											
Certificate	NL0009065168	SP500 400TL OPENB	EUR	20,0000	20,0000	20,0000				20,0000				
Certificate	NL0009176148	SP500 790TL OPENB	EUR	16,6100	16,6100	16,6100				16,6100				
Certificate	NL0009256056	SP500 880TL OPENB	EUR	15,8300	15,8300	15,8300				15,8300				
Certificate	NL0009560283	SP500 960TL OPENB	EUR	15,0900	15,0900	15,0900				15,0900				
Certificate	NL0011419601	SP500 1053TL OPENH	EUR	14,3300	14,3300	14,3300				14,3300				
Certificate	NL0011420138	SP500 1086TRLOPENH	EUR	13,7300	13,7300	13,7300				13,7300				
Certificate	NL0010001194	SP500 1170TL OPENB	EUR	13,3000	13,3000	13,3000				13,3000				
Certificate	NL0011412648	SP500 1410TRLOPENH	EUR	10,9800	10,9800	10,8600	164,7000	1	10,8600	15				
Certificate	NL0010282422	SP500 1420TL OPENB	EUR	111,2800	111,2800	111,2800				111,2800				
Certificate	NL0011047600	SP500 1428TL OPENH	EUR	11,1300	11,1300	11,1300				11,1300				
Certificate	NL0012850978	SP500 1465TRLOPENH	EUR	10,3800	10,3800	10,3800				10,3800				



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	NL0010287975	SP500 1470TL OPENB	EUR	107,1800	107,1800	107,1800			107,1800					
Certificate	NL0012850960	SP500 1516TRL OPENH	EUR	9,9200	9,9200	9,9200			9,9200					
Certificate	NL0011047592	SP500 1517TL OPENH	EUR	10,3600	10,3600	10,3600								
Certificate	NL0010288635	SP500 1520TL OPENB	EUR	103,0100	103,0100	103,0100				103,0100				
Certificate	DE000C20HY84	SP500 1537TL OPENZ	EUR	9,7600	9,7600	9,7600				9,7600				
Certificate	DE000CF3AP54	SP500 1543TL OPENC	EUR	9,6200	9,6200	9,6200				9,6200				
Certificate	NL0011595202	SP500 1552TL OPENH	EUR	10,0700	10,0700	10,0700				10,0700				
Certificate	NL0011047295	SP500 1594TRL OPENH	EUR	9,2400	9,2400	9,2400				9,2400				
Certificate	DE000CC5KHU4	SP500 1600TL OPENC	EUR	9,4100	9,4100	9,4100				9,4100				
Certificate	NL0011047584	SP500 1606TL OPENH	EUR	9,6100	9,6100	9,6100				9,6100				
Certificate	NL0011047576	SP500 1651TL OPENH	EUR	9,2200	9,2200	9,2200				9,2200				
Certificate	NL0011602644	SP500 1683TL OPENH	EUR	8,9400	8,9400	8,9400				8,9400				
Certificate	NL0011047287	SP500 1687TRL OPENH	EUR	8,4200	8,4200	8,4200				8,4200				
Certificate	NL0011047568	SP500 1696TL OPENH	EUR	8,8400	8,8400	8,8400				8,8400				
Certificate	DE000CX00PP9	SP500 1700TL OPENC	EUR	7,9600	7,9600	7,9600				7,9600				
Certificate	DE000CN6JQK3	SP500 1707TL OPENZ	EUR	8,2600	8,2600	8,2600				8,2600				
Certificate	NL0011596812	SP500 1716TL OPENH	EUR	8,6700	8,6700	8,6700				8,6700				
Certificate	NL0011596804	SP500 1727TL OPENH	EUR	8,5700	8,5700	8,5700				8,5700				
Certificate	NL0011047279	SP500 1733TRL OPENH	EUR	8,0100	8,0100	8,0100				8,0100				
Certificate	NL0011047550	SP500 1740TL OPENH	EUR	8,4500	8,4500	8,4500				8,4500				
Certificate	NL0011595194	SP500 1760TL OPENH	EUR	8,2900	8,2900	8,2900				8,2900				
Certificate	NL0011595186	SP500 1771TL OPENH	EUR	8,2000	8,2000	8,2000				8,2000				
Certificate	DE000C22FSK2	SP500 1773TL OPENZ	EUR	7,6850	7,6850	7,6850				7,6850				
Certificate	NL0011047261	SP500 1779TRL OPENH	EUR	7,6000	7,6000	7,6000				7,6000				
Certificate	NL0011047543	SP500 1785TL OPENH	EUR	8,0800	8,0800	8,0800				8,0800				
Certificate	NL0011637566	SP500 1789BL OPENB	EUR	15,2000	15,2000	15,2000				15,2000				
Certificate	DE000CF809E8	SP500 1797TL OPENC	EUR	7,1100	7,1100	7,1100				7,1100				
Certificate	NL0010609400	SP500 1800TL OPENB	EUR	78,6400	78,6400	78,6400				78,6400				
Certificate	DE000CC5KHW0	SP500 1800TL OPENC	EUR	7,4300	7,4300	7,4300				7,4300				
Certificate	NL0011593330	SP500 1804TL OPENH	EUR	7,9100	7,9100	7,9100				7,9100				
Certificate	NL0011592712	SP500 1815TL OPENH	EUR	7,8200	7,8200	7,8200				7,8200				
Certificate	NL0011047253	SP500 1826TRL OPENH	EUR	7,1800	7,1800	7,1800				7,1800				
Certificate	NL0011047535	SP500 1830TL OPENH	EUR	7,6900	7,6900	7,6900				7,6900				
Certificate	NL0011602636	SP500 1847TL OPENH	EUR	7,5400	7,5400	7,5400				7,5400				
Certificate	NL0011603071	SP500 1859TL OPENH	EUR	7,4400	7,4400	7,4400				7,4400				
Certificate	NL0011603063	SP500 1870TL OPENH	EUR	7,3500	7,3500	7,3500				7,3500				
Certificate	NL0011047246	SP500 1872TRL OPENH	EUR	6,7700	6,7700	6,7700				6,7700				
Certificate	NL0011603055	SP500 1881TL OPENH	EUR	7,2600	7,2600	7,2600				7,2600				
Certificate	NL0011605845	SP500 1892TL OPENH	EUR	7,1600	7,1600	7,1600				7,1600				
Certificate	DE000CJ3QCC8	SP500 1900TL 0319Z	EUR	6,5700	6,5700	6,5700				6,5700				
Certificate	DE000CX00L48	SP500 1900TL OPENC	EUR	6,0200	6,0200	6,0200				6,0200				
Certificate	DE000CX00LK9	SP500 1900TL OPENC	EUR	6,3900	6,3900	6,3900				6,3900				
Certificate	NL0011605837	SP500 1902TL OPENH	EUR	7,0700	7,0700	7,0700				7,0700				
Certificate	NL0011605829	SP500 1913TL OPENH	EUR	6,9800	6,9800	6,9800				6,9800				
Certificate	NL0011606082	SP500 1924TL OPENH	EUR	6,8800	6,8800	6,8800				6,8800				
Certificate	NL0012850952	SP500 1928TRL OPENH	EUR	6,2800	6,2800	6,2800				6,2800				
Certificate	DE000CZ7DSD1	SP500 1929TL OPENZ	EUR	6,2900	6,2900	6,2900				6,2900				
Certificate	NL0011705694	SP500 1936TL OPENH	EUR	6,7800	6,7800	6,7800				6,7800				
Certificate	NL0011700885	SP500 1946TL OPENH	EUR	6,7000	6,7000	6,7000				6,7000				
Certificate	NL0011650700	SP500 1948BL OPENB	EUR	12,4000	12,4000	12,4000				12,4000				
Certificate	NL0011700877	SP500 1957TL OPENH	EUR	6,6000	6,6000	6,6000				6,6000				
Certificate	NL0011695036	SP500 1963TRL OPENH	EUR	5,9800	5,9800	5,9800				5,9800				
Certificate	DE000CR9Q138	SP500 1964TL OPENZ	EUR	5,9950	5,9950	5,9950				5,9950				
Certificate	NL0011705686	SP500 1969TL OPENH	EUR	6,5000	6,5000	6,5000				6,5000				
Certificate	NL0011652649	SP500 1970BL OPENB	EUR	12,0000	12,0000	12,0000				12,0000				
Certificate	NL0011705678	SP500 1979TL OPENH	EUR	6,4200	6,4200	6,4200				6,4200				
Certificate	NL0011705660	SP500 1990TL OPENH	EUR	6,3200	6,3200	6,3200				6,3200				
Certificate	DE000CN6JT71	SP500 1997TL OPENZ	EUR	5,7000	5,7000	5,7000				5,7000				
Certificate	NL0011657168	SP500 2000TL OPENB	EUR	61,7000	61,7000	61,7000				61,7000				
Certificate	DE000CX591S0	SP500 2000TL OPENC	EUR	5,1200	5,1200	5,1200				5,1200				
Certificate	DE000CX59W11	SP500 2000TL OPENC	EUR	5,4200	5,4200	5,4200				5,4200				
Certificate	NL0011705652	SP500 2001TL OPENH	EUR	6,2300	6,2300	6,2300				6,2300				
Certificate	NL0012850945	SP500 2006TRL OPENH	EUR	5,5900	5,5900	5,5900				5,5900				
Certificate	NL0011705645	SP500 2012TL OPENH	EUR	6,1300	6,1300	6,1300				6,1300				
Certificate	NL0011716089	SP500 2023TL OPENH	EUR	6,0400	6,0400	6,0400				6,0400				
Certificate	DE000CN6JZAS	SP500 2029TL OPENZ	EUR	5,4150	5,4150	5,4150				5,4150				
Certificate	NL0012850937	SP500 2031TRL OPENH	EUR	5,3700	5,3700	5,3700				5,3700				
Certificate	NL0011716071	SP500 2034TL OPENH	EUR	5,9500	5,9500	5,9500				5,9500				
Certificate	DE000CJ3NU08	SP500 2050TL 1218Z	EUR	5,2500	5,2500	5,2500				5,2500				
Certificate	NL0011892757	SP500 2053TL OPENH	EUR	5,7900	5,7900	5,7900				5,7900				
Certificate	NL0011723630	SP500 2059TRL OPENH	EUR	5,1200	5,1200	5,1200				5,1200				
Certificate	DE000CN6K453	SP500 2062TL OPENZ	EUR	5,1200	5,1200	5,1200				5,1200				



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	NL0011892740	SP500 2063TL OPENH	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	NL0011723622	SP500 2071TRLOPENH	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	NL0011893417	SP500 2074TL OPENH	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	NL0011723614	SP500 2082TRLOPENH	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0011893409	SP500 2085TL OPENH	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	NL0011723606	SP500 2093TRLOPENH	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	DE000CN6K826	SP500 2094TL OPENZ	EUR	4,8450	4,8450	4,8450			4,8450					
Certificate	NL0011893391	SP500 2096TL OPENH	EUR	5,4200	5,4200	5,4200			5,4200					
Certificate	NL0011715875	SP500 2097TRLOPENH	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	NL0011716329	SP500 2097TRLOPENH	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	DE000CJ3P794	SP500 2100TL 0319Z	EUR	4,8250	4,8250	4,8250			4,8250					
Certificate	DE000CX59M05	SP500 2100TL OPENC	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	DE000CX59RU1	SP500 2100TL OPENC	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	NL0011893383	SP500 2107TL OPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0011894134	SP500 2117TL OPENH	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000CN6KE18	SP500 2126TL OPENZ	EUR	4,5650	4,5650	4,5650			4,5650					
Certificate	NL0011894126	SP500 2128TL OPENH	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	NL0012850929	SP500 2134TRLOPENH	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	NL0011992771	SP500 2146TL OPENH	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	NL0011992763	SP500 2156TL OPENH	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	DE000CN6KM75	SP500 2158TL OPENZ	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	NL0012850911	SP500 2160TRLOPENH	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	NL0011992755	SP500 2167TL OPENH	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	NL0011993290	SP500 2178TL OPENH	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	NL0011716543	SP500 2186TS OPENH	EUR											
Certificate	NL0011993282	SP500 2189TL OPENH	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	DE000CD61V87	SP500 2190TL OPENZ	EUR	3,9950	3,9950	3,9950			3,9950					
Certificate	NL0011993274	SP500 2199TL OPENH	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	LU1876975811	SP500 2200TCIOPENS	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000CX59267	SP500 2200TL OPENC	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CX59Y76	SP500 2200TL OPENC	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	NL0011994918	SP500 2206TRLOPENH	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	NL0011890959	SP500 2206TS OPENH	EUR											
Certificate	NL0011996251	SP500 2211TL OPENH	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	NL0011996939	SP500 2221TL OPENH	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000CD61WY1	SP500 2222TL OPENZ	EUR	3,7150	3,7150	3,7150			3,7150					
Certificate	NL0012240469	SP500 2232TL OPENH	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	NL0012850903	SP500 2237TRLOPENH	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	NL0011997457	SP500 2242TL OPENH	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	DE000CV8ACC5	SP500 2250TL 1218Z	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	NL0012206577	SP500 2253TL OPENH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000CD63MF7	SP500 2253TL OPENZ	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	NL0012039283	SP500 2257BL OPENB	EUR	7,2000	7,2000	6,9200	576,0000	1	6,9200	80				
Certificate	NL0012850895	SP500 2263TRLOPENH	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0012050371	SP500 2268TL OPENH	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	NL0012050363	SP500 2278TL OPENH	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	DE000CD63MG5	SP500 2285TL OPENZ	EUR	3,3800	3,4000	3,1550	29435,0000	3	3,1550	8700				
Certificate	NL0012850887	SP500 2289TRLOPENH	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	NL0012051288	SP500 2290TL OPENH	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	DE000CJ3P8A4	SP500 2300TL 0319Z	EUR	3,0650	3,0650	3,0650			3,0650					
Certificate	NL0012107197	SP500 2300TL OPENB	EUR	35,5800	35,5800	35,5800			35,5800					
Certificate	DE000CY16BN8	SP500 2300TL OPENC	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	DE000CY522P7	SP500 2300TL OPENC	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	DE000CY16G61	SP500 2300TL OPENC	EUR	2,6300	2,6400	2,6300	10520,0000	2	2,6400	4000				
Certificate	NL0012054985	SP500 2305TL OPENH	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	LU1840978347	SP500 2307TCIOPENS	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	DE000CD63T63	SP500 2316TL OPENZ	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	NL0012057327	SP500 2320TL OPENH	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	NL0012090542	SP500 2327TRLOPENH	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	NL0012094841	SP500 2331TL OPENH	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0012055479	SP500 2331TRLOPENH	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	NL0012055230	SP500 2331TRLOPENH	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	NL0012054951	SP500 2332TRLOPENH	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0012053318	SP500 2334TRLOPENH	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0012052062	SP500 2335TRLOPENH	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0012174999	SP500 2348TL OPENH	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	DE000CD63ZY0	SP500 2348TL OPENZ	EUR	2,6050	2,6050	2,6050			2,6050					
Certificate	NL0012174981	SP500 2359TL OPENH	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	NL0012850879	SP500 2366TRLOPENH	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	NL0012174973	SP500 2370TL OPENH	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	LU1876840643	SP500 2375TCIOPENS	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000CD64F68	SP500 2379TL OPENZ	EUR	2,3350	2,3350	2,3350			2,3350					



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	NL0012207708	SP500 2380TL OPENH	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	NL0012207690	SP500 2391TL OPENH	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	NL0012850861	SP500 2392TRLOPENH	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CJ3QGA3	SP500 2400TL 0319Z	EUR	2,1950	2,1950	2,1950			2,1950					
Certificate	DE000CY50MNA	SP500 2400TL OPENC	EUR	1,7700	2,0900	1,7700	327,3400	6	1,7800	182				
Certificate	DE000CY50LN6	SP500 2400TL OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0012213888	SP500 2402TL OPENH	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	NL0013008253	SP500 24038L OPENB	EUR	4,6950	4,7000	4,3700	1175,0000	1	4,3700	250				
Certificate	LU1840978420	SP500 2407TCIOPENS	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CE68HO7	SP500 2410TL OPENZ	EUR	2,0550	2,0550	2,0550			2,0550					
Certificate	NL0012213870	SP500 2412TL OPENH	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0013192024	SP500 2420TRLOPENH	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	NL0012306427	SP500 2423TL OPENH	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000VA90R96	SP500 2428TL OPENV	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	NL0012306419	SP500 2434TL OPENH	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	NL0013192016	SP500 2440TRLOPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CE6BLV9	SP500 2441TL OPENZ	EUR	1,7850	1,7850	1,7850			1,7850					
Certificate	NL0013185804	SP500 2442TRLOPENH	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	NL0012306229	SP500 2442TRLOPENH	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	NL0012306971	SP500 2444TL OPENH	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	NL0012242374	SP500 2444TRLOPENH	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0012239800	SP500 2444TRLOPENH	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	NL0012243711	SP500 2444TRLOPENH	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	NL0012239016	SP500 2445TRLOPENH	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000CV8ACD3	SP500 2450TL 1218Z	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	NL0012272181	SP500 2450TL OPENB	EUR	23,1200	26,3500	23,1000	10067,5000	3	23,2900	410				
Certificate	DE000VA8F063	SP500 2453TL OPENV	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	NL0012307375	SP500 2454TL OPENH	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	NL0013008246	SP500 24638L OPENB	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000CE6C097	SP500 2472TL OPENZ	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	NL0012435192	SP500 2473TL OPENH	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	LU1876840726	SP500 2475TCIOPENS	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000VA8F071	SP500 2478TL OPENV	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	NL0013008238	SP500 24838L OPENB	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0012435184	SP500 2484TL OPENH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000VL61T96	SP500 2489TL OPENV	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	NL0012850853	SP500 2495TRLOPENH	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0012437636	SP500 2496TL OPENH	EUR	2,0000	2,1900	2,0000	2095,0000	2	2,0000	1000				
Certificate	DE000CJ3P9U0	SP500 2500TL 0319Z	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	DE000CY51WS0	SP500 2500TL OPENC	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CY51W67	SP500 2500TL OPENC	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CP07BX4	SP500 2500TL OPENC	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000CP064M1	SP500 2500TL OPENC	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0012494173	SP500 25028L OPENB	EUR	3,1100	3,1100	2,6100	466,5000	1	2,6100	150				
Certificate	DE000CE6DC25	SP500 2503TL OPENZ	EUR	1,2200	1,5100	1,2200	771,5200	5	1,2450	549				
Certificate	NL0012516892	SP500 2507TL OPENH	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	LU1719609676	SP500 2508TCIOPENS	EUR											
Certificate	NL0012516884	SP500 2517TL OPENH	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000VL9VVA2	SP500 2520TL OPENV	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	NL0012850846	SP500 2521TRLOPENH	EUR	1,2500	1,2500	1,0600	25,0000	1	1,0600	20				
Certificate	NL0012498893	SP500 25238L OPENB	EUR	2,2100	2,7900	2,2100	54462,0000	4	2,2400	20650				
Certificate	LU1876840999	SP500 2525TCIOPENS	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	NL0012517676	SP500 2528TL OPENH	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0012499859	SP500 2530TL OPENB	EUR	16,0900	16,0900	16,0900			16,0900					
Certificate	DE000CE6EC66	SP500 2534TL OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	NL0013184435	SP500 2534TRLOPENH	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0012550149	SP500 2539TL OPENH	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000VL76G37	SP500 2539TL OPENV	EUR	0,5200	0,8300	0,5200	20366,5700	13	0,5250	27122				
Certificate	NL0012523468	SP500 2547TRLOPENH	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0012522841	SP500 2548TL OPENH	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	DE000CV8ACE1	SP500 2550TL 1218Z	EUR	0,8600	0,8600	0,8450	258,0000	1	0,8450	300				
Certificate	NL0013125388	SP500 2560TRLOPENH	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0012573596	SP500 2563TL OPENH	EUR											
Certificate	NL0012502694	SP500 25648L OPENB	EUR	2,0000	2,1100	1,5100	13279,0000	5	1,5100	6500				
Certificate	DE000CE6EXF1	SP500 2564TL OPENZ	EUR	0,7000	0,9500	0,7000	3477,5000	5	0,7050	3900				
Certificate	NL0012524938	SP500 2568TL OPENH	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	NL0013125370	SP500 2570TRLOPENH	EUR	0,6400	0,6400	0,6400	128,0000	1	0,6400	200				
Certificate	NL0012573588	SP500 2573TL OPENH	EUR											
Certificate	NL0012599658	SP500 2580TRLOPENH	EUR											
Certificate	NL0013125362	SP500 2580TRLOPENH	EUR	0,6600	0,6600	0,5500	1644,0000	2	0,5500	2500				
Certificate	NL0012573612	SP500 2581TL OPENH	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0012573570	SP500 2583TL 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	NL0012508279	SP500 2585BL OPENB	EUR											
Certificate	NL0012779078	SP500 2590TL OPENB	EUR											
Certificate	NL0012573604	SP500 2591TL OPENH	EUR											
Certificate	DE000CE6F082	SP500 2595TL OPENZ	EUR											
Certificate	NL0012850838	SP500 2598TRLOPENH	EUR											
Certificate	DE000CJ3QW11	SP500 2600TL 0319Z	EUR											
Certificate	NL0013146301	SP500 2606BL OPENB	EUR											
Certificate	DE000VN9HCT9	SP500 2606TL OPENV	EUR											
Certificate	NL0012601603	SP500 2608TL OPENH	EUR											
Certificate	NL0012850820	SP500 2608TRLOPENH	EUR											
Certificate	NL0013145634	SP500 2620TL OPENB	EUR											
Certificate	NL0013191190	SP500 2620TRLOPENH	EUR											
Certificate	DE000CJ3PT25	SP500 2623TL OPENZ	EUR											
Certificate	NL0013146939	SP500 2624BL OPENB	EUR											
Certificate	LU1876841021	SP500 2625TCIOPENS	EUR											
Certificate	NL0013128846	SP500 2627TRLOPENH	EUR											
Certificate	DE000VA87GL2	SP500 2628TL OPENV	EUR											
Certificate	NL0012611453	SP500 2630TL OPENH	EUR											
Certificate	NL0013191182	SP500 2630TRLOPENH	EUR											
Certificate	NL0013191174	SP500 2640TRLOPENH	EUR											
Certificate	NL0013190531	SP500 2641TL OPENH	EUR											
Certificate	NL0013185929	SP500 2641TL OPENH	EUR											
Certificate	NL0013186943	SP500 2641TRLOPENH	EUR											
Certificate	NL0013158843	SP500 2644BL OPENB	EUR											
Certificate	LU1876841294	SP500 2650TCIOPENS	EUR											
Certificate	NL0013159155	SP500 2650TL OPENB	EUR											
Certificate	NL0013164312	SP500 2650TL OPENB	EUR											
Certificate	NL0013186935	SP500 2651TRLOPENH	EUR											
Certificate	DE000CJ3QNF8	SP500 2654TL OPENZ	EUR											
Certificate	DE000VA90ZF8	SP500 2655TL OPENV	EUR											
Certificate	NL0013186927	SP500 2661TRLOPENH	EUR											
Certificate	NL0013159916	SP500 2663BL OPENB	EUR											
Certificate	NL0013159163	SP500 2670TL OPENB	EUR											
Certificate	NL0013186919	SP500 2671TRLOPENH	EUR											
Certificate	NL0013147937	SP500 2680TL OPENB	EUR											
Certificate	DE000VA90ZG6	SP500 2680TL OPENV	EUR											
Certificate	NL0013192255	SP500 2680TS OPENH	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0013187032	SP500 2681TL OPENH	EUR											
Certificate	NL0013186901	SP500 2681TRLOPENH	EUR											
Certificate	NL0013160856	SP500 2683BL OPENB	EUR											
Certificate	DE000CJ3QPW8	SP500 2683TL OPENZ	EUR											
Certificate	DE000VN9HFQ8	SP500 2686TS OPENV	EUR	0,3300	0,4850	0,3300	17510,8000	5	0,4850	45168				
Certificate	NL0013159171	SP500 2690TL OPENB	EUR											
Certificate	NL0013192008	SP500 2690TRSOPENH	EUR	0,5300	0,5300	0,2800	6042,2000	7	0,5000	14640				
Certificate	DE000CJ3QYQ2	SP500 2694TS OPENZ	EUR											
Certificate	NL0012269682	SP500 2700BOC1218B	EUR	23,6800	23,7900	23,6800			23,7900					
Certificate	LU1876975902	SP500 2700TCIOPENS	EUR											
Certificate	DE000CJ3QQR6	SP500 2700TL 0319Z	EUR											
Certificate	DE000CQ5BJN8	SP500 2700TL OPENC	EUR											
Certificate	NL0013187800	SP500 2700TRLOPENH	EUR											
Certificate	NL0013191992	SP500 2700TRSOPENH	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CJ3QXV4	SP500 2700TS 0319Z	EUR											
Certificate	NL0013165285	SP500 2700TS OPENB	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	NL0013192248	SP500 2700TS OPENH	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	NL0013187289	SP500 2701TL OPENH	EUR											
Certificate	NL0013160864	SP500 2703BL OPENB	EUR											
Certificate	DE000VN9G502	SP500 2706TL OPENV	EUR											
Certificate	NL0013161052	SP500 2710TL OPENB	EUR											
Certificate	NL0013188584	SP500 2710TRLOPENH	EUR											
Certificate	NL0013191984	SP500 2710TRSOPENH	EUR	0,4100	0,6700	0,4100	41,0000	1	0,6700	100				
Certificate	DE000VN9HFT2	SP500 2711TS OPENV	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CJ3QPX6	SP500 2712TL OPENZ	EUR											
Certificate	NL0013188055	SP500 2720TL OPENH	EUR											
Certificate	NL0013188576	SP500 2720TRLOPENH	EUR											
Certificate	NL0013191976	SP500 2720TRSOPENH	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	NL0013165293	SP500 2720TS OPENB	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	NL0013192230	SP500 2720TS OPENH	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CJ3QVW6	SP500 2724TS OPENZ	EUR	0,7900	0,8150	0,5100	7290,7000	12	0,8150	11924				
Certificate	NL0013161060	SP500 2730TL OPENB	EUR											
Certificate	NL0013188568	SP500 2730TRLOPENH	EUR											
Certificate	NL0013191968	SP500 2730TRSOPENH	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000VN9HAH8	SP500 2736TS OPENV	EUR	0,9050	0,9050	0,9050			0,9050					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013191281	SP500 2739TS OPENH	EUR	1,5000	1,7800	1,5000	636,0000	2	1,7800	400				
Certificate	NL0013188758	SP500 2740TL OPENH	EUR											
Certificate	NL0013191950	SP500 2740TRSOPENH	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	NL0013165301	SP500 2740TS OPENB	EUR	11,5900	11,5900	11,5900			11,5900					
Certificate	NL0013164783	SP500 2747BS OPENB	EUR	1,8800	2,1700	1,5000	520,0000	3	2,1700	300				
Certificate	NL0013164403	SP500 2750TS OPENB	EUR	13,3700	13,3700	13,3700			13,3700					
Certificate	DE000C3QVX4	SP500 2754TS OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	NL0013189327	SP500 2759TRSOPENH	EUR	0,8000	1,1000	0,8000	640,0000	1	1,1000	800				
Certificate	DE000V9NHAK2	SP500 2761TS OPENV	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	NL0013164791	SP500 2767BS OPENB	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	NL0013189319	SP500 2769TRSOPENH	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	NL0013164411	SP500 2770TS OPENB	EUR	15,1500	15,1500	15,1500			15,1500					
Certificate	NL0013189301	SP500 2779TRSOPENH	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0013190523	SP500 2779TS OPENH	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	DE000C3QTW0	SP500 2783TS OPENZ	EUR	1,3350	1,3350	1,3350			1,3350					
Certificate	NL0013162993	SP500 2786BS OPENB	EUR	2,6300	2,8700	2,3000	979,4000	2	2,8700	400				
Certificate	DE000V9NG775	SP500 2786TS OPENV	EUR	1,3350	1,3350	1,3350			1,3350					
Certificate	NL0013189293	SP500 2789TRSOPENH	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	NL0013164429	SP500 2790TS OPENB	EUR	16,9400	16,9400	16,9400			16,9400					
Certificate	DE000C3QT24	SP500 2800TS 0319Z	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	DE000C05AM71	SP500 2800TS OPENC	EUR											
Certificate	DE000CP23PQ5	SP500 2800TS OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000C05ADY0	SP500 2800TS OPENC	EUR											
Certificate	DE000CP23RS7	SP500 2800TS OPENC	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0013152135	SP500 2806BS OPENB	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	NL0013186273	SP500 2807TRSOPENH	EUR	1,5200	1,5200	1,2600	15500,0000	2	1,5200	12250				
Certificate	LU1841151746	SP500 2810TPIOPENS	EUR											
Certificate	NL0013082340	SP500 2812TRSOPENH	EUR	1,2000	1,5600	1,2000	96,0000	1	1,5600	80				
Certificate	NL0013085269	SP500 2812TS OPENH	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000C3N4X7	SP500 2812TS OPENZ	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	DE000VASRNA8	SP500 2819TL OPENV	EUR											
Certificate	DE000VA8FU77	SP500 2819TS OPENV	EUR	1,5450	1,5450	1,5450			1,5450					
Certificate	NL0013010804	SP500 2820TS OPENB	EUR	18,8900	18,9200	18,8900	1889,0000	1	18,9200	100				
Certificate	NL0013181183	SP500 2824TRSOPENH	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	NL0013010507	SP500 2825BS OPENB	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0013125982	SP500 2829TRSOPENH	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0013081128	SP500 2837TRSOPENH	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	NL0013187024	SP500 2838TS OPENH	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0013009533	SP500 2840TS OPENB	EUR	20,7100	20,7100	20,7100			20,7100					
Certificate	NL0013081540	SP500 2841TS OPENH	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000C3N7U6	SP500 2842TS OPENZ	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	NL0013010515	SP500 2845BS OPENB	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000VA71ME9	SP500 2845TS OPENV	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	NL0013083702	SP500 2847TRSOPENH	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	LU1876844637	SP500 2850TPIOPENS	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000C3N6E2	SP500 2850TS 1218Z	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	NL0013087661	SP500 2858TRSOPENH	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0013081110	SP500 2862TRSOPENH	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	NL0013008568	SP500 2865BS OPENB	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	DE000VA71MH2	SP500 2870TS OPENV	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	DE000C3N4Y5	SP500 2872TS OPENZ	EUR	2,1150	2,1150	2,1150			2,1150					
Certificate	NL0013084619	SP500 2877TRSOPENH	EUR	1,9400	2,1400	1,9400	194,0000	1	2,1400	100				
Certificate	NL0013187016	SP500 2878TS OPENH	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	NL0013009558	SP500 2880TS OPENB	EUR	24,2800	24,2800	24,2800			24,2800					
Certificate	NL0013008576	SP500 2885BS OPENB	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	NL0013187792	SP500 2888TRSOPENH	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000VA71MM2	SP500 2895TS OPENV	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	NL0013081102	SP500 2896TRSOPENH	EUR	2,2900	2,3100	1,9800	193,5800	11	2,3100	91				
Certificate	LU1876844710	SP500 2900TPIOPENS	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	DE000C3P9D8	SP500 2900TS 0319Z	EUR	2,3050	2,3050	2,3050			2,3050					
Certificate	NL0013009566	SP500 2900TS OPENB	EUR	26,0700	26,0700	26,0700			26,0700					
Certificate	DE000CP07B29	SP500 2900TS OPENC	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	DE000C3N7V4	SP500 2903TS OPENZ	EUR	2,2500	2,3850	2,2500	11,2500	1	2,3850	5				
Certificate	NL0013008584	SP500 2905BS OPENB	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	NL0013084601	SP500 2907TRSOPENH	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0013084593	SP500 2917TRSOPENH	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	NL0013188741	SP500 2918TS OPENH	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000VA71MQ3	SP500 2920TS OPENV	EUR	2,4350	2,4350	2,4350			2,4350					
Certificate	NL0012987564	SP500 2925BS OPENB	EUR	4,6600	5,3200	4,6600	932,0000	1	5,3200	200				
Certificate	NL001252368	SP500 2930TS OPENH	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	NL0013132723	SP500 2932TRSOPENH	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000CE6F0U9	SP500 2932TS OPENZ	EUR	2,6450	2,6450	2,6450			2,6450					



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	NL0012893028	SP500 2937TRSOPENH	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0013006497	SP500 2940TS OPENB	EUR	26,6300	29,6200	26,6100	1331,5000	1	29,6200	50				
Certificate	NL0012893010	SP500 2947TRSOPENH	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000CJ3N1V7	SP500 2950TS 1218Z	EUR	2,8050	2,8050	2,8050			2,8050					
Certificate	NL0012563506	SP500 2950TS OPENH	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0012676878	SP500 2960TS OPENB	EUR	36,6900	36,6900	36,6900			36,6900					
Certificate	DE000CE6F470	SP500 2963TS OPENZ	EUR	2,9150	2,9150	2,9150			2,9150					
Certificate	NL0012992234	SP500 2965BS OPENB	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	NL0012245831	SP500 2968TRSOPENH	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	NL0012552350	SP500 2970TS OPENH	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	NL0012992242	SP500 2985BS OPENB	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	NL0012893002	SP500 2986TRSOPENH	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000VL61HP3	SP500 2989TS OPENV	EUR	2,6550	2,6550	2,6550			2,6550					
Certificate	NL0012552343	SP500 2990TS OPENH	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000CE6FD31	SP500 2992TS OPENZ	EUR	3,1850	3,1850	3,1850			3,1850					
Certificate	DE000VA15NU0	SP500 2994TS OPENV	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	NL0012893507	SP500 2997TRSOPENH	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0012850697	SP500 2998TRSOPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	LU1876844801	SP500 3000TPIOPENS	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	DE000CJ3P8E6	SP500 3000TS 0319Z	EUR	3,1850	3,1850	3,1850			3,1850					
Certificate	NL0013003197	SP500 3000TS OPENB	EUR	31,9400	34,8500	31,9400	22736,0000	2	34,8500	700				
Certificate	DE000CV52F59	SP500 3000TS OPENC	EUR	2,2800	2,6100	2,2800	2898,0000	3	2,6000	1200				
Certificate	DE000CQ58B08	SP500 3000TS OPENC	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	NL0011420484	SP500 3004TS OPENH	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	NL0013001027	SP500 3005BS OPENB	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	LU1756869597	SP500 3008TPIOPENS	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	NL0012892996	SP500 3016TRSOPENH	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	NL0012850689	SP500 3023TRSOPENH	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000CV4YQW2	SP500 3023TS OPENZ	EUR	3,4550	3,4550	3,4550			3,4550					
Certificate	NL0012555296	SP500 3030TS OPENH	EUR	4,3300	4,4500	4,3300	8660,0000	1	4,4500	2000				
Certificate	DE000VA2T8N3	SP500 3038TS OPENV	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	LU1876844983	SP500 3040TPIOPENS	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	NL0012850671	SP500 3048TRSOPENH	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	NL0013148752	SP500 3050BOCI219B	EUR	23,7300	23,9500	23,7300			23,9500					
Certificate	DE000CV8ACG6	SP500 3050TS 1218Z	EUR	3,6850	3,6850	3,6850			3,6850					
Certificate	NL0012563498	SP500 3050TS OPENH	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	DE000CV4YQV4	SP500 3054TS OPENZ	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	NL0013132384	SP500 3072TRSOPENH	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	NL0012850663	SP500 3072TRSOPENH	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	DE000VA4YR16	SP500 3083TS OPENV	EUR	3,4500	3,7650	3,4500	345,0000	1	3,7650	100				
Certificate	DE000CV4YX55	SP500 3084TS OPENZ	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	NL0012894042	SP500 3085TS OPENH	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	LU1817097584	SP500 3100TPIOPENS	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	LU1876845014	SP500 3100TPIOPENS	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	DE000CV52SA4	SP500 3100TS OPENC	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	NL0012894588	SP500 3106TS OPENH	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	DE000CV4Z3J8	SP500 3115TS OPENZ	EUR	4,2650	4,2650	4,2650			4,2650					
Certificate	NL0012517874	SP500 3121TRSOPENH	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0012894034	SP500 3125TS OPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	DE000VA4Y1W0	SP500 3131TS OPENV	EUR	4,2050	4,2050	4,2050			4,2050					
Certificate	DE000CV4Z4M0	SP500 3146TS OPENZ	EUR	4,5350	4,5350	4,5350			4,5350					
Certificate	NL0012850655	SP500 3147TRSOPENH	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	NL0012897714	SP500 3147TS OPENH	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	LU1876845105	SP500 3150TPIOPENS	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000CV8ACH4	SP500 3150TS 1218Z	EUR	4,5750	4,5750	4,5750			4,5750					
Certificate	DE000VASRM84	SP500 3152TS OPENV	EUR	4,4250	4,4250	4,4250			4,4250					
Certificate	NL0012676886	SP500 3160TS OPENB	EUR	54,9100	54,9100	54,9100			54,9100					
Certificate	NL0013003924	SP500 3160TS OPENB	EUR	49,8700	49,8700	49,8700			49,8700					
Certificate	NL0012517668	SP500 3163TS OPENH	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	NL0012850648	SP500 3172TRSOPENH	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000CV4Z9U2	SP500 3175TS OPENZ	EUR	4,7950	4,7950	4,7950			4,7950					
Certificate	NL0012850630	SP500 3197TRSOPENH	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	LU1876971232	SP500 3200TPIOPENS	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000CJ3P8F3	SP500 3200TS 0319Z	EUR	4,9350	4,9350	4,9350			4,9350					
Certificate	DE000CV52392	SP500 3200TS OPENC	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000CP063K7	SP500 3200TS OPENC	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	DE000CV51B88	SP500 3200TS OPENC	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000CP061T2	SP500 3200TS OPENC	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	DE000VA6D4D7	SP500 3200TS OPENV	EUR	4,8650	4,8650	4,8650			4,8650					
Certificate	DE000CV4ZCB3	SP500 3206TS OPENZ	EUR	4,9450	5,0600	4,9400	1995,7600	1	5,0600	404				
Certificate	NL0012850622	SP500 3221TRSOPENH	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	DE000CV4ZJ11	SP500 3237TS OPENZ	EUR	5,3300	5,3300	5,3300			5,3300					



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	NL0013187008	SP500 3248TS OPENH	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	NL0012546337	SP500 3264TRSOPENH	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	DE000CV4ZL17	SP500 3268TS OPENZ	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	NL0012538011	SP500 3288TS OPENH	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	NL0012850614	SP500 3296TRSOPENH	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	DE000CV4ZPH2	SP500 3298TS OPENZ	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	LU1840349218	SP500 3314TPIOPENS	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	NL0012850606	SP500 3321TRSOPENH	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	DE000CV4ZPJ8	SP500 3329TS OPENZ	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	NL0012850598	SP500 3346TRSOPENH	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	DE000CV8ACIO	SP500 3350TS 1218Z	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	DE000CV8BAY1	SP500 3359TS OPENZ	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	NL0012550636	SP500 3387TRSOPENH	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	DE000CV8BAZ8	SP500 3389TS OPENZ	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	DE000CJ3P9V8	SP500 3400TS 0319Z	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	DE000CQ5BJP3	SP500 3400TS OPENC	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	DE000CV52F67	SP500 3400TS OPENC	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	NL0012676894	SP500 3410TS OPENB	EUR	74,3100	77,6900	74,3100	9437,3700	1	77,6900	127				
Certificate	DE000CV8BB05	SP500 3419TS OPENZ	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	NL0012550115	SP500 3422TS OPENH	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	NL0013085863	SP500 3437TRSOPENH	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	NL0012850580	SP500 3445TRSOPENH	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	NL0012866065	SP500 3478TRSOPENH	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	NL0012557284	SP500 3513TRSOPENH	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	DE000CV87XP4	SP500 3541TS OPENZ	EUR	8,0300	8,0300	8,0300			8,0300					
Certificate	NL0012559470	SP500 3547TS OPENH	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	NL0012552335	SP500 3549TS OPENH	EUR	9,2100	9,2100	9,2100			9,2100					
Certificate	DE000CV8AEU3	SP500 3550TS 1218Z	EUR	8,1000	8,1000	8,1000			8,1000					
Certificate	DE000CJ3P8G1	SP500 3600TS 0319Z	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	DE000CV52S82	SP500 3600TS OPENC	EUR	7,5700	7,8400	7,4700	3008,0000	2	7,8400	400				
Certificate	NL0012561567	SP500 3634TRSOPENH	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	NL0012850572	SP500 3694TRSOPENH	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	NL0012894570	SP500 3706TS OPENH	EUR	10,6400	10,6400	10,6400			10,6400					
Certificate	NL0012850564	SP500 3743TRSOPENH	EUR	9,7900	9,7900	9,7900			9,7900					
Certificate	DE000CJ3NU16	SP500 3750TS 1218Z	EUR	9,8700	9,8700	9,8700			9,8700					
Certificate	DE000CJ3NQ79	SP500 3782TS OPENZ	EUR	10,1600	10,1600	10,1600			10,1600					
Certificate	NL0012850556	SP500 3793TRSOPENH	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	NL0012850549	SP500 3843TRSOPENH	EUR	10,6700	10,6700	10,6700			10,6700					
Certificate	NL0012850531	SP500 3892TRSOPENH	EUR	11,1100	11,1100	11,1100			11,1100					
Certificate	NL0012850523	SP500 3942TRSOPENH	EUR	11,5400	11,5400	11,5400			11,5400					
Certificate	NL0012910236	SP500 4001TRSOPENH	EUR	12,0700	12,0700	12,0700			12,0700					
Certificate	NL0012910228	SP500 4050TRSOPENH	EUR	12,5100	12,5100	12,5100			12,5100					
Certificate	NL0010108254	SPBNK122.1TL OPENB	EUR	15,6000	15,6000	15,6000			15,6000					
Certificate	NL0010225637	SPHOM 390TL OPENB	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000CP239Q0	SPOTF 100TL OPENC	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	DE000CP232N2	SPOTF 100TL OPENC	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	DE000CQ5AGF2	SPOTF 110TL OPENC	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000CP23QS9	SPOTF 110TL OPENC	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CQ5AGK2	SPOTF 110TL OPENC	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0013009764	SPOTF 113TL OPENB	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000CJ3N4K4	SPOTF 115TL 1218Z	EUR	1,5250	1,5250	1,3350			1,3350					
Certificate	DE000CP238G3	SPOTF 120TL OPENC	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CP239R8	SPOTF 120TL OPENC	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	DE000CP23NX6	SPOTF 130TL OPENC	EUR											
Certificate	DE000CQ58ZE3	SPOTF 130TL OPENC	EUR											
Certificate	DE000CP23QT7	SPOTF 130TL OPENC	EUR											
Certificate	DE000CP23NY4	SPOTF 140TS OPENC	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CP23QU5	SPOTF 140TS OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CQ58006	SPOTF 150TL OPENC	EUR											
Certificate	DE000CP239S6	SPOTF 150TS OPENC	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	DE000CQ58ZF0	SPOTF 150TS OPENC	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CP239T4	SPOTF 160TS OPENC	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000CQ58ZG8	SPOTF 160TS OPENC	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	DE000CP07AB2	SPOTF 170TS OPENC	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	DE000CP06X97	SPOTF 170TS OPENC	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	DE000CP07AC0	SPOTF 180TS OPENC	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000CP06XA8	SPOTF 180TS OPENC	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000CP07AD8	SPOTF 190TS OPENC	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	DE000CP06XB6	SPOTF 190TS OPENC	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	DE000CV89AY0	SPOTF 104.TL OPENZ	EUR	2,3950	2,3950	2,2150			2,2150					
Certificate	NL0013156011	SPOTF 125.BL OPENB	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0012979769	SPOTF 222.B5 OPENB	EUR	8,4500	8,4500	8,4500			8,4500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013152598	SPOTF102.3TL OPENB	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	DE000CJ3P8H9	SPOTF104.5TL 0319Z	EUR	2,4550	2,4550	2,2750			2,2750					
Certificate	NL0013151525	SPOTF104.9BL OPENB	EUR	2,5400	2,5400	2,3000	177,8000	1	2,3000	70				
Certificate	NL0013018724	SPOTF107.5TL OPENB	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CJ3QF7	SPOTF111.5TL 0319Z	EUR	1,8450	1,8450	1,6650			1,6650					
Certificate	DE000CJ3PTC4	SPOTF114.4TL OPENZ	EUR	1,5050	1,5050	1,3250			1,3250					
Certificate	NL0013146566	SPOTF114.9BL OPENB	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	NL0012780340	SPOTF118.9TL OPENB	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CJ3P448	SPOTF119.5TL 0319Z	EUR	1,1450	1,1450	0,9650			0,9650					
Certificate	DE000CJ3QH07	SPOTF124.4TL OPENZ	EUR	0,6550	0,6550	0,4850			0,4850					
Certificate	NL0013156532	SPOTF124.9TL OPENB	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CJ3QLE5	SPOTF127.5TL 0319Z	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	NL0013164536	SPOTF131.2TL OPENB	EUR											
Certificate	NL0013158298	SPOTF131.2TL OPENB	EUR											
Certificate	NL0013159577	SPOTF134.8BL OPENB	EUR											
Certificate	NL0013162753	SPOTF141.3TS OPENB	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0013164130	SPOTF142.1BS OPENB	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	NL0013148703	SPOTF151.9TS OPENB	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	NL0013013915	SPOTF162.1BS OPENB	EUR	2,9200	3,1600	2,9200	1460,0000	1	3,1600	500				
Certificate	NL0013013741	SPOTF163.3TS OPENB	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	NL0013004823	SPOTF182.1BS OPENB	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0012979025	SPOTF202.1BS OPENB	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	NL0012971972	SPOTF203.1TS OPENB	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	DE000CJ3QFL2	SPOTF78.9TL OPENZ	EUR	4,5950	4,5950	4,4250			4,4250					
Certificate	DE000VN61ZE5	SPX LEVOPENV	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	DE000VN61ZD7	SPX LEVOPENV	EUR	11,9500	11,9500	11,0150	468,2000	2	11,0150	40				
Certificate	DE000VN61ZF2	SPX LEVOPENV	EUR	2,1100	2,1100	1,7950	4220,0000	1	1,7950	2000				
Certificate	DE000VN61ZJ4	SPX SHROPEV	EUR	0,0150	0,0150	0,0150			0,0150					
Certificate	DE000VA1ZH00	SPX SHROPEV	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000VN61ZG0	SPX SHROPEV	EUR	0,7400	0,8250	0,7400	4973,0000	2	0,8250	6684				
Certificate	DE000VN61ZH8	SPX SHROPEV	EUR	0,1450	0,1450	0,1450			0,1450					
Certificate	DE000CP23RD9	SQ 50TL OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000CV5Z263	SQ 50TL OPENC	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CP233C3	SQ 55TL OPENC	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CP23RE7	SQ 55TL OPENC	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CP23RF4	SQ 60TL OPENC	EUR											
Certificate	DE000CP23PF8	SQ 60TL OPENC	EUR											
Certificate	DE000CP23PG6	SQ 70TS OPENC	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CP23RG2	SQ 70TS OPENC	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	DE000CP23RH0	SQ 75TS OPENC	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	DE000CP233F6	SQ 80TS OPENC	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000CP23RJ6	SQ 80TS OPENC	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000CP06Y70	SQ 85TS OPENC	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000CP06Y88	SQ 90TS OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CJ3QEF7	SQ 41.42TL OPENZ	EUR	1,9550	1,9550	1,8650			1,8650					
Certificate	DE000CJ3PGT5	SQ 50.47TL OPENZ	EUR	1,1650	1,1650	1,0750			1,0750					
Certificate	DE000CJ3QMW5	SQ 60.41TL OPENZ	EUR											
Certificate	DE000CR6YAY3	SRENH65.62TL OPENZ	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000CR6YAZ0	SRENH72.48TL OPENZ	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CE6C295	SRENH80.14TL OPENZ	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CV50335	SRGMI 2.79TL OPENZ	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000CV4Z001	SRGMI 3.27TL OPENZ	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	DE000CV8BDV1	SSE 7.717TL OPENZ	EUR	0,3150	0,3250	0,3150			0,3250					
Certificate	DE000CN6HTF1	SSE 9.728TL OPENZ	EUR	0,0950	0,0950	0,0950			0,0950					
Certificate	DE000CJ3N6U8	SSYS 15.33TL OPENZ	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000CV8ATG0	SSYS 17.84TL OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CJ3PWL9	SSYS 20.95TL OPENZ	EUR											
Certificate	NL0009746890	STARB 13.5TL OPENB	EUR	94,5100	94,5100	94,5100			94,5100					
Certificate	NL0010906616	STARB 39.4TL OPENB	EUR	51,8200	51,8200	51,8200			51,8200					
Certificate	NL0012777288	STARB 58.9TS OPENB	EUR											
Certificate	NL0013149271	STARB 72.9TS OPENB	EUR	11,4000	11,4000	11,4000			11,4000					
Certificate	NL0013152804	STARB 78.3TS OPENB	EUR	16,4900	16,4900	16,4900			16,4900					
Certificate	DE000CC60DD9	STARB40.26TL OPENC	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	FR0013123767	STD11 SHROPENS	EUR											
Certificate	NL0010131413	STGOB 20.4TL OPENB	EUR	1,1250	1,1950	1,1250			1,1950					
Certificate	DE000CJ3PF9	STGOB 21.4TL OPENZ	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	DE000CV89K37	STGOB26.42TL OPENZ	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	DE000CD64F01	STMIC10.65TL OPENZ	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CJ3PLM0	STMIC8.642TL OPENZ	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	XS1093252101	STN BASK0523	EUR											
Certificate	NL0013191299	STOXB 90TL OPENH	EUR											
Certificate	NL0013188592	STOXB 95TROPEH	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	NL0012914592	STOXB 117.TS OPENH	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0013085590	STOXB101.8TRSOPENH	EUR	0,1300	0,1300	0,1300	3129,1000	1	0,1300	24070				
Certificate	NL0013085277	STOXB101.9TS OPENH	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	NL0013085871	STOXB104.3TRSOPENH	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	NL0012906820	STOXB106.3TRSOPENH	EUR	0,1700	0,1700	0,1700	3145,0000	1	0,1700	18500				
Certificate	NL0012906903	STOXB106.4TS OPENH	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	NL0012905459	STOXB111.2TRSOPENH	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	NL0012937148	STOXB113.2TRSOPENH	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	NL0012936504	STOXB113.2TS OPENH	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	NL0012935092	STOXB115.5TRSOPENH	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	NL0012901060	STOXB116.2TS OPENH	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0012914212	STOXB116.9TRSOPENH	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	NL0012914204	STOXB119.4TRSOPENH	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0012914584	STOXB119.5TS OPENH	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0012914196	STOXB121.8TRSOPENH	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0012914576	STOXB121.9TS OPENH	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	NL0012934103	STOXB125.2TS OPENH	EUR	0,3800	0,3900	0,3800	950,0000	1	0,3900	2500				
Certificate	NL0012914188	STOXB126.7TRSOPENH	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0012914568	STOXB126.8TS OPENH	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	NL0012914170	STOXB131.7TRSOPENH	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0012914162	STOXB136.6TRSOPENH	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0012914550	STOXB136.7TS OPENH	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	NL0012914154	STOXB141.5TRSOPENH	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	NL0012914147	STOXB146.4TRSOPENH	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0012914543	STOXB146.5TS OPENH	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	NL0012914295	STOXB90.24TRLOPENH	EUR											
Certificate	NL0013126345	STOXB92.57TL OPENH	EUR											
Certificate	NL0013190234	STOXB94.96TRSOPENH	EUR	0,0600	0,0600	0,0600			0,0600					
Certificate	NL0013190226	STOXB97.46TRSOPENH	EUR	0,0900	0,0900	0,0900			0,0900					
Certificate	XS1237141483	STOXX STN0820K	EUR											
Certificate	DE000CJ3QV54	STOXX 358TS OPENZ	EUR	0,1900	0,1900	0,1800				0,1800				
Certificate	DE000CN6HPPF9	STOXX 246.TL OPENZ	EUR	1,0000	1,0100	1,0000				1,0100				
Certificate	DE000CV4ZB68	STOXX 485.TS OPENZ	EUR	1,4800	1,4800	1,4700				1,4700				
Certificate	DE000CN6JFUS	STOXX211.9TL OPENZ	EUR	1,3400	1,3400	1,3400				1,3400				
Certificate	DE000CN6HPPG7	STOXX228.4TL OPENZ	EUR	1,1700	1,1800	1,1700				1,1800				
Certificate	DE000CN6F3T6	STOXX263.6TL OPENZ	EUR	0,8200	0,8300	0,8200				0,8300				
Certificate	DE000CN6F792	STOXX284.4TL OPENZ	EUR	0,6200	0,6300	0,6200				0,6300				
Certificate	DE000CD61T73	STOXX300.9TL OPENZ	EUR	0,4500	0,4600	0,4500				0,4600				
Certificate	DE000CD63N51	STOXX318.2TL OPENZ	EUR	0,2800	0,2900	0,2800				0,2900				
Certificate	DE000CD644F8	STOXX336.5TL OPENZ	EUR	0,1000	0,1100	0,1000				0,1100				
Certificate	DE000CJ3NSW6	STOXX377.6TS OPENZ	EUR	0,4000	0,4000	0,3900				0,3900				
Certificate	DE000CD647U0	STOXX398.6TS OPENZ	EUR	0,6100	0,6100	0,6000				0,6000				
Certificate	DE000CE6C2R4	STOXX426.1TS OPENZ	EUR	0,8900	0,8900	0,8800				0,8800				
Certificate	DE000CE6DJ07	STOXX455.5TS OPENZ	EUR	1,1800	1,1800	1,1700				1,1700				
Certificate	NL0009996479	SUEZE 3.96TL OPENB	EUR	0,8250	0,8250	0,8250				0,8250				
Certificate	NL0012263396	SUEZE16.64TS OPENB	EUR	6,0800	6,0800	6,0200				6,0200				
Certificate	NL0012275721	SUEZE17.63TS OPENB	EUR	7,1400	7,1400	7,0800				7,0800				
Certificate	NL0011931399	SUGAR 0.25TS OPENH	EUR	13,1300	13,1300	13,1300				13,1300				
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	3,8350	3,8350	3,8350				3,8350				
Certificate	DE000CV89YK9	SUGAR0.096TL OPENZ	EUR	2,9850	2,9850	2,9850				2,9850				
Certificate	NL0012614176	SUGAR0.105TL OPENH	EUR	2,8200	2,8200	2,8200				2,8200				
Certificate	DE000CJ3NXR9	SUGAR0.106TL OPENZ	EUR	2,0950	2,0950	2,0950				2,0950				
Certificate	DE000CJ3NOM8	SUGAR0.116TL OPENZ	EUR	1,2350	1,2350	1,2350				1,2350				
Certificate	DE000CJ3QKR9	SUGAR0.134TS OPENZ	EUR	0,8350	0,8350	0,8350				0,8350				
Certificate	DE000CJ3NXT5	SUGAR0.144TS OPENZ	EUR	1,7450	1,7450	1,7450				1,7450				
Certificate	NL0012614051	SUGAR0.149TS OPENH	EUR	3,2500	3,2500	3,2500				3,2500				
Certificate	DE000CV87ZA1	SUGAR0.153TS OPENZ	EUR	2,6350	2,6350	2,6350				2,6350				
Certificate	NL0012614044	SUGAR0.158TS OPENH	EUR	4,2100	4,2100	4,2100				4,2100				
Certificate	DE000CJ3NOM6	SUGAR0.163TS OPENZ	EUR	3,5150	3,5150	3,5150				3,5150				
Certificate	DE000CE6DRY6	SUGAR0.173TS OPENZ	EUR	4,4050	4,4050	4,4050				4,4050				
Certificate	NL0012614036	SUGAR0.208TS OPENH	EUR	9,0100	9,0100	9,0100				9,0100				
Certificate	NL0011931381	SUGAR0.252TS OPENH	EUR	13,3100	13,3100	13,3100				13,3100				
Certificate	NL0010382701	SVT 1240TL OPENB	EUR	7,7800	7,7800	7,7800				7,7800				
Certificate	DE000CJ3QF53	SWATC197.7TL OPENZ	EUR											
Certificate	DE000CD61PJ6	SWATC227.9TL OPENZ	EUR											
Certificate	DE000CN6H608	SWATC258.7TL OPENZ	EUR											
Certificate	DE000CJ3QQL9	SWATC293.6TL OPENZ	EUR											
Certificate	CH0025955326	SK4E PI OPENU	EUR											
Certificate	DE000VN61ZL0	SKSE LEVOPENV	EUR	1,1950	1,1950	1,1950				1,1950				



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	DE000VN61ZM8	SKXE LEVOPENV	EUR	0,2500	0,2500	0,2250	2500,0000	1	0,2250	10000				
Certificate	DE000VN61ZK2	SKXE LEVOPENV	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000VN61ZQ9	SKXE SHROPENV	EUR	0,1850	0,1850	0,1850			0,1850					
Certificate	DE000VA54521	SKXE SHROPENV	EUR	18,2750	18,2750	18,2750			18,2750					
Certificate	DE000VN61ZN6	SKXE SHROPENV	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	DE000VN61ZP1	SKXE SHROPENV	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	FR0013123684	SKXS7 SHROPENS	EUR											
Certificate	CH0025957652	SKXE PI OPENU	EUR											
Certificate	CH0025957611	SKKE PI OPENU	EUR											
Certificate	CH0025957579	SKQE PI OPENU	EUR											
Certificate	DE0006075377	SKRE PI OPENB	EUR	28,2200	28,2200	28,2200			28,2200					
Certificate	CH0025957678	SKRE PI OPENU	EUR											
Certificate	CH0025955383	SKTE PI OPENU	EUR											
Certificate	DE000CV42RK2	SY1G 52.05TL OPENZ	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000CV4YXU2	SY1G 59.03TL OPENZ	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	DE000CJ3PQ36	SY1G 67.01TL OPENZ	EUR	0,1050	0,1050	0,1050			0,1050					
Certificate	DE000CJ3N500	TATA 7.65TL OPENZ	EUR	0,5350	0,5650	0,5350			0,5650					
Certificate	DE000CJ3N2B7	TATA 10.17TL OPENZ	EUR	0,1050	0,1250	0,1050			0,1250					
Certificate	DE000CV8AWQ3	TATA 11.18TL OPENZ	EUR											
Certificate	DE000CJ3PE14	TATA 9.155TL OPENZ	EUR	0,2750	0,2950	0,2750			0,2950					
Certificate	NL0010658696	TBOND 134TL OPENB	EUR	12,0000	12,0000	12,0000			12,0000					
Certificate	NL0006217150	TBOND 99.6TL OPENB	EUR	41,5400	41,5400	41,5400			41,5400					
Certificate	NL0010148979	TBOND152.5TS OPENA	EUR											
Certificate	DE000CR9PUA3	TECDX 1553TL OPENZ	EUR	9,7800	9,7800	9,7800			9,7800					
Certificate	DE000CR9PRJ0	TECDX 1658TL OPENZ	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	DE000CD629M5	TECDX 1760TL OPENZ	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	DE000CD645Y6	TECDX 1861TL OPENZ	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	DE000CE6BLT3	TECDX 1961TL OPENZ	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000CE6C2F9	TECDX 2061TL OPENZ	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	DE000CE6CMA9	TECDX 2160TL OPENZ	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000CE6D8D0	TECDX 2260TL OPENZ	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CE6ERB2	TECDX 2359TL OPENZ	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000CJ3QUZ1	TECDX 2674TS OPENZ	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000CJ3N005	TECDX 2874TS OPENZ	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000CV429P2	TECDX 3074TS OPENZ	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	DE000CV4ZN15	TECDX 3199TS OPENZ	EUR	6,8900	6,8900	6,8900			6,8900					
Certificate	DE000CV8B4M4	TECDX 3399TS OPENZ	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	DE000CV890H1	TECDX 3598TS OPENZ	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	NL0013110703	TELEN 48B0C0919Z	EUR	42,0400	42,0400	41,5100			41,5100					
Certificate	DE000CV89K60	TELEN 33.TL OPENZ	EUR	0,7350	0,7350	0,6700	1491,0000	1	0,6700	2100				
Certificate	NL0012796643	TELEN 47.5B0C0919Z	EUR	40,2500	40,2500	39,7100			39,7100					
Certificate	NL0012796650	TELEN 47.5B0C1219Z	EUR	40,4500	40,4500	39,9400			39,9400					
Certificate	DE000CV89K45	TELEN19.88TL OPENZ	EUR	2,0450	2,0450	1,9800			1,9800					
Certificate	DE000CV89937	TELEN24.94TL OPENZ	EUR	1,5350	1,5350	1,4700			1,4700					
Certificate	DE000CV89K52	TELEN27.98TL OPENZ	EUR	1,2350	1,2350	1,1700			1,1700					
Certificate	DE000CV89135	TELEN29.99TL OPENZ	EUR	1,0500	1,0500	0,9700	3150,0000	3	0,9700	3000				
Certificate	NL0012995468	TELEN35.78BL OPENB	EUR	0,4750	0,4850	0,4550	230,0000	1	0,4550	500				
Certificate	DE000CV8AJ99	TELEN36.97TL OPENZ	EUR	0,3350	0,3350	0,2700			0,2700					
Certificate	NL0012992887	TELEN37.79BL OPENB	EUR	0,2750	0,2750	0,2550			0,2550					
Certificate	NL0012992895	TELEN39.81BL OPENB	EUR											
Certificate	DE000CJ3NXB3	TELEN40.25TL OPENZ	EUR											
Certificate	NL0013158942	TELEN41.79BL OPENB	EUR											
Certificate	NL0013164148	TELEN43.69BS OPENB	EUR	0,4650	0,4750	0,4650			0,4750					
Certificate	NL0013018500	TELEN47.68BS OPENB	EUR	0,8650	0,8750	0,8650			0,8750					
Certificate	NL0012997688	TELEN51.67BS OPENB	EUR	1,2650	1,2750	1,2650			1,2750					
Certificate	DE000CV88KS3	TELEN51.75TS OPENZ	EUR	1,1650	1,2400	1,1650			1,2400					
Certificate	NL0013012081	TELEN55.65BS OPENB	EUR	1,6650	1,6750	1,6650			1,6750					
Certificate	DE000CE6BY14	TELEN56.73TS OPENZ	EUR	1,6650	1,7300	1,6650			1,7300					
Certificate	NL0012976922	TELFO 4.6TL OPENB	EUR	3,4150	3,4250	3,4150			3,4250					
Certificate	NL0012497721	TELFO 5.6TL OPENB	EUR	2,5050	2,5150	2,5050			2,5150					
Certificate	NL0011535992	TELFO 6.5TL OPENB	EUR	1,5950	1,6050	1,5950			1,6050					
Certificate	NL0013160708	TELFO 7.5TL OPENB	EUR	0,6550	0,6650	0,6550			0,6650					
Certificate	NL0012791974	TELFO 8.1TS OPENB	EUR	1,1450	1,1450	1,1250			1,1250					
Certificate	NL0011522313	TELFO 10.1TS OPENB	EUR	3,3250	3,3250	3,3050			3,3050					
Certificate	DE000CV89C29	TELFO4.626TL OPENZ	EUR	2,9650	2,9800	2,9650			2,9800					
Certificate	DE000CV507T6	TELFO5.639TL OPENZ	EUR	1,9550	1,9700	1,9550			1,9700					
Certificate	DE000CV4ZU77	TELFO6.143TL OPENZ	EUR	1,4550	1,4700	1,4550			1,4700					
Certificate	DE000CJ3QPB2	TELFO7.144TL OPENZ	EUR	0,4650	0,4800	0,4650			0,4800					
Certificate	DE000CE6FJH3	TELFO8.841TS OPENZ	EUR	1,2850	1,2850	1,2700			1,2700					
Certificate	DE000CE6DTB0	TELFO9.936TS OPENZ	EUR	2,3850	2,3850	2,3600			2,3600					
Certificate	DE000CE6FJ84	TESB 41TS OPENZ	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CN6HEB2	TESB 23.1TL OPENZ	EUR	0,7800	0,7800	0,7800			0,7800					



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	DE000CN6HGM4	TESB 21.38TL OPENZ	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CN6QJ06	TESB 24.86TL OPENZ	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CN6JUZ3	TESB 26.39TL OPENZ	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CN6JW84	TESB 27.96TL OPENZ	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CJ3PUN9	TESB 29.93TL OPENZ	EUR											
Certificate	DE000CJ3QWD4	TESB 32.77TS OPENZ	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CV87ZK0	TESB 36.27TS OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CV87UJ3	TESCO1.452TL OPENZ	EUR	0,5850	0,5850	0,5750			0,5750					
Certificate	DE000CV4YV47	TESCO1.654TL OPENZ	EUR	0,3650	0,3650	0,3550			0,3550					
Certificate	DE000CV4YZD3	TESCO1.906TL OPENZ	EUR	0,0950	0,0950	0,0800			0,0800					
Certificate	NL0011651310	TESLA 171TL OPENB	EUR	18,7200	18,7200	18,7200			18,7200					
Certificate	DE000CX593M9	TESLA 175TL OPENC	EUR	15,1100	15,1100	15,1100			15,1100					
Certificate	DE000CJ3N1X3	TESLA 200TL 1218Z	EUR	7,3300	7,5200	7,3300			7,5200					
Certificate	DE000CP067E1	TESLA 200TL OPENC	EUR	14,6500	14,6500	14,6500			14,6500					
Certificate	DE000CP07B84	TESLA 200TL OPENC	EUR	15,7700	15,7700	15,7700			15,7700					
Certificate	DE000CJ3N6N3	TESLA 215TL 1218Z	EUR	6,6700	6,8600	6,6700			6,8600					
Certificate	DE000CQ58AF3	TESLA 220TL OPENC	EUR	13,6300	13,6300	13,6300			13,6300					
Certificate	DE000CQ581D2	TESLA 220TL OPENC	EUR	12,5000	12,5000	12,5000			12,5000					
Certificate	DE000CV8AD38	TESLA 230TL 1218Z	EUR	6,0200	6,2000	6,0200			6,2000					
Certificate	DE000CV881E7	TESLA 240TL 0319Z	EUR	5,5900	5,7700	5,5900			5,7700					
Certificate	DE000CQ5ALD7	TESLA 240TL OPENC	EUR	11,7400	11,7400	11,7400			11,7400					
Certificate	DE000CQ5AJ43	TESLA 240TL OPENC	EUR	10,4900	10,4900	10,4900			10,4900					
Certificate	DE000CP07B92	TESLA 240TL OPENC	EUR	12,4100	12,4100	12,4100			12,4100					
Certificate	DE000CP06UT4	TESLA 240TL OPENC	EUR	11,1900	11,1900	11,1900			11,1900					
Certificate	DE000CJ3N2G6	TESLA 245TL 1218Z	EUR	5,3600	5,5400	5,3600			5,5400					
Certificate	DE000CY52YT2	TESLA 260TL OPENC	EUR	9,4900	9,4900	9,4900			9,4900					
Certificate	DE000CQ5ATR0	TESLA 275TL OPENC	EUR											
Certificate	DE000CQ5AXA8	TESLA 275TL OPENC	EUR											
Certificate	DE000CJ3P5V6	TESLA 280TL 0319Z	EUR	3,8400	4,0100	3,8400			4,0100					
Certificate	DE000CY52YU0	TESLA 280TL OPENC	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	DE000CP23649	TESLA 280TL OPENC	EUR	9,2100	9,2100	9,2100			9,2100					
Certificate	DE000CJ3P5W4	TESLA 300TL 0319Z	EUR	2,9700	3,1400	2,9700			3,1400					
Certificate	DE000CY52YV8	TESLA 300TL OPENC	EUR	5,6400	6,2800	5,4600	7754,1500	9	5,9200	1300				
Certificate	DE000CP23656	TESLA 300TL OPENC	EUR	7,5400	7,5400	7,5400			7,5400					
Certificate	DE000CJ3P5X2	TESLA 320TL 0319Z	EUR	2,1100	2,2700	2,1100			2,2700					
Certificate	DE000CP23664	TESLA 320TL OPENC	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	DE000CY52YW6	TESLA 320TL OPENC	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000CQ58LJ2	TESLA 325TL OPENC	EUR											
Certificate	DE000CJ3QQ68	TESLA 340TL 0319Z	EUR	1,2600	1,4100	1,2600			1,4100					
Certificate	DE000CP23R86	TESLA 340TL OPENC	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	DE000CQ58JA5	TESLA 340TL OPENC	EUR											
Certificate	DE000CP23P96	TESLA 340TL OPENC	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	DE000CP23R94	TESLA 350TL OPENC	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000CP23PA9	TESLA 350TL OPENC	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000CQ58LK0	TESLA 360TS OPENC	EUR											
Certificate	DE000CP23PB7	TESLA 370TS OPENC	EUR											
Certificate	DE000CY51L60	TESLA 380TS OPENC	EUR											
Certificate	DE000CQ58W11	TESLA 380TS OPENC	EUR											
Certificate	DE000CP23698	TESLA 400TS OPENC	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	DE000CY501D0	TESLA 400TS OPENC	EUR											
Certificate	DE000CY503R6	TESLA 400TS OPENC	EUR											
Certificate	DE000CQ58J83	TESLA 420TS OPENC	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	DE000CY507G0	TESLA 420TS OPENC	EUR	1,7700	1,8900	1,3200	1595,5000	5	1,5100	950				
Certificate	DE000CP23R83	TESLA 420TS OPENC	EUR	6,8900	6,8900	6,8900			6,8900					
Certificate	DE000CP23PC5	TESLA 420TS OPENC	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	DE000CY508Q7	TESLA 430TS OPENC	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000CY507H8	TESLA 430TS OPENC	EUR	2,6400	2,6400	2,3100	11307,1200	2	2,3100	4283				
Certificate	DE000CY507J4	TESLA 440TS OPENC	EUR	2,8600	3,1800	2,8400	1208,0000	2	3,1000	400				
Certificate	DE000VA6D641	TESLA 217.TL OPENV	EUR	13,2650	13,2650	13,2650			13,2650					
Certificate	DE000CV89XC8	TESLA 227.TL OPENZ	EUR	6,0900	6,2800	6,0900			6,2800					
Certificate	NL0010381844	TESLA 81.3TL OPENB	EUR	25,9400	25,9400	25,9400			25,9400					
Certificate	NL0010445813	TESLA115.6TL OPENB	EUR	23,1800	23,1800	23,1800			23,1800					
Certificate	NL0011643895	TESLA137.58L OPENB	EUR	20,7500	20,7500	20,7500			20,7500					
Certificate	NL0011642517	TESLA148.88L OPENB	EUR	19,7500	19,7500	19,7500			19,7500					
Certificate	NL0010524385	TESLA150.4TL OPENB	EUR	20,3700	20,3700	20,3700			20,3700					
Certificate	DE000CJ3N062	TESLA161.5TL OPENZ	EUR	8,9200	9,1800	8,9200	72615,2400	2	9,1200	7979				
Certificate	NL0011652805	TESLA181.9TL OPENB	EUR	17,8400	17,8400	17,8400			17,8400					
Certificate	NL0011650866	TESLA182.58L OPENB	EUR	16,7700	16,7700	16,7700			16,7700					
Certificate	DE000CV8B7H7	TESLA186.7TL OPENZ	EUR	7,8600	8,0600	7,8600			8,0600					
Certificate	NL0012034946	TESLA192.5TL OPENB	EUR	16,9900	16,9900	16,9900			16,9900					
Certificate	DE000VA7TEC5	TESLA197.8TL OPENV	EUR	15,1950	15,1950	15,1950			15,1950					
Certificate	DE000VA7TED3	TESLA200.3TL OPENV	EUR	14,9750	14,9750	14,9750			14,9750					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA7TCP1	TESLA202.8TL OPENV	EUR	14,6550	14,6550	14,6550			14,6550					
Certificate	NL0012100507	TESLA203.2TL OPENB	EUR	16,1300	16,1300	16,1300			16,1300					
Certificate	DE000VA7TCQ9	TESLA205.3TL OPENV	EUR	14,4250	14,4250	14,4250			14,4250					
Certificate	DE000CV8B7J3	TESLA206.9TL OPENZ	EUR	6,9700	7,1600	6,9700			7,1600					
Certificate	DE000VA7TCS5	TESLA207.8TL OPENV	EUR	14,2050	14,2050	14,2050			14,2050					
Certificate	DE000VA64ZT4	TESLA210.1TL OPENV	EUR	13,9750	13,9750	13,9750			13,9750					
Certificate	DE000VA64ZU2	TESLA212.6TL OPENV	EUR	13,7450	13,7450	13,7450			13,7450					
Certificate	DE000VA7TA43	TESLA213.3TL OPENV	EUR	14,4850	14,4850	14,4850			14,4850					
Certificate	DE000VA64ZV0	TESLA215.1TL OPENV	EUR	13,5250	13,5250	13,5250			13,5250					
Certificate	DE000CI3N5P0	TESLA217.1TL OPENZ	EUR	6,5300	6,7100	6,5300			6,7100					
Certificate	DE000VA6EFS2	TESLA222.4TL OPENV	EUR	12,9650	12,9650	12,9650			12,9650					
Certificate	DE000VA4YXR0	TESLA225.8TL OPENV	EUR	12,5450	12,5450	12,5450			12,5450					
Certificate	DE000VA6D625	TESLA226.7TL OPENV	EUR	13,2150	13,2150	13,2150			13,2150					
Certificate	DE000VA6EFV6	TESLA229.9TL OPENV	EUR	12,2950	12,2950	12,2950			12,2950					
Certificate	DE000VA4YUF1	TESLA230.8TL OPENV	EUR	11,8550	11,8550	11,8550			11,8550					
Certificate	DE000VA4YX18	TESLA235.1TL OPENV	EUR	12,3550	12,3550	12,3550			12,3550					
Certificate	DE000VA4YUG9	TESLA235.8TL OPENV	EUR	11,7100	11,7100	10,8500	249,8800	2	11,3950	22				
Certificate	DE000CV8BCA7	TESLA237.3TL OPENZ	EUR	5,6400	5,8300	5,6400			5,8300					
Certificate	DE000VA4YXQ2	TESLA240.1TL OPENV	EUR	12,1450	12,1450	12,1450			12,1450					
Certificate	DE000VA6EFZ7	TESLA242.4TL OPENV	EUR	11,1750	11,1750	11,1750			11,1750					
Certificate	DE000VA32658	TESLA245.3TL OPENV	EUR	10,7450	10,7450	10,7450			10,7450					
Certificate	DE000CV89XB0	TESLA247.2TL OPENZ	EUR	5,2100	5,3900	5,2100			5,3900					
Certificate	DE000VA71PV6	TESLA250.4TL OPENV	EUR	10,5250	10,5250	10,5250			10,5250					
Certificate	DE000VA7THQ8	TESLA251.7TL OPENV	EUR	11,3250	11,3250	11,3250			11,3250					
Certificate	DE000VA8FWX0	TESLA253.1TL OPENV	EUR	10,3050	10,3050	10,3050			10,3050					
Certificate	DE000VA8FVY0	TESLA255.6TL OPENV	EUR	10,0050	10,0050	10,0050			10,0050					
Certificate	DE000CI3PGV1	TESLA257.3TL OPENZ	EUR	4,7600	4,9400	4,7600			4,9400					
Certificate	DE000VA8FYW8	TESLA258.1TL OPENV	EUR	9,7750	9,7750	9,7750			9,7750					
Certificate	DE000VA8FYX6	TESLA260.6TL OPENV	EUR	9,5550	9,5550	9,5550			9,5550					
Certificate	DE000VA8FXZ3	TESLA261.7TL OPENV	EUR	10,4150	10,4150	10,4150			10,4150					
Certificate	DE000VA8FYY4	TESLA263.1TL OPENV	EUR	9,3350	9,3350	9,3350			9,3350					
Certificate	DE000VA8FYZ1	TESLA265.6TL OPENV	EUR	9,1050	9,1050	9,1050			9,1050					
Certificate	DE000VA8FY08	TESLA268.1TL OPENV	EUR	8,8850	8,8850	8,8850			8,8850					
Certificate	DE000VA8FY16	TESLA270.6TL OPENV	EUR	8,6650	8,6650	8,6650			8,6650					
Certificate	DE000VA8FX17	TESLA271.7TL OPENV	EUR	9,5650	9,5650	9,5650			9,5650					
Certificate	DE000CI3PKW1	TESLA272.3TL OPENZ	EUR	4,1100	4,2800	4,1100			4,2800					
Certificate	DE000VA8FY24	TESLA273.1TL OPENV	EUR	8,4350	8,4350	8,4350			8,4350					
Certificate	DE000VA8FY32	TESLA275.6TL OPENV	EUR	8,2150	8,2150	8,2150			8,2150					
Certificate	DE000VA8FY40	TESLA278.1TL OPENV	EUR	7,9950	7,9950	7,9950			7,9950					
Certificate	DE000VA8FY57	TESLA280.6TL OPENV	EUR	7,7650	7,7650	7,7650			7,7650					
Certificate	DE000VA8FX25	TESLA281.7TL OPENV	EUR	8,7150	8,7150	8,7150			8,7150					
Certificate	DE000VA8FY65	TESLA283.1TL OPENV	EUR	7,5450	7,5450	7,5450			7,5450					
Certificate	NL001278336	TESLA283.4TS OPENB	EUR											
Certificate	DE000VA8FY81	TESLA285.6TL OPENV	EUR	7,3250	7,3250	7,3250			7,3250					
Certificate	DE000CI3PKX9	TESLA287.4TL OPENZ	EUR	3,4400	3,6200	3,3950	9998,6800	3	3,6200	2914				
Certificate	DE000VA8FY99	TESLA288.1TL OPENV	EUR	7,0950	7,0950	7,0950			7,0950					
Certificate	DE000VA8FZA1	TESLA290.6TL OPENV	EUR	6,8750	6,8750	6,8750			6,8750					
Certificate	DE000VA8FX41	TESLA291.7TL OPENV	EUR	7,8650	7,8650	7,8650			7,8650					
Certificate	DE000VA8FZH8	TESLA293.1TL OPENV	EUR	6,7550	6,7550	6,7550			6,7550					
Certificate	DE000VA8FZK2	TESLA295.6TL OPENV	EUR	6,5350	6,5350	6,5350			6,5350					
Certificate	DE000VA8F2M8	TESLA298.1TL OPENV	EUR	6,3150	6,3150	6,3150			6,3150					
Certificate	DE000VA8F2N6	TESLA300.6TL OPENV	EUR	5,7400	6,4200	5,7400	14186,0000	4	6,0950	2300				
Certificate	DE000VA8F0L4	TESLA301.7TL OPENV	EUR	7,1250	7,1250	7,1250			7,1250					
Certificate	DE000CI3PML0	TESLA302.4TL OPENZ	EUR	2,8000	3,0100	2,8000	1449,0000	2	2,9700	482				
Certificate	DE000VA8F2P1	TESLA303.1TL OPENV	EUR	5,8650	5,8650	5,8650			5,8650					
Certificate	DE000VA8F2Q9	TESLA305.6TL OPENV	EUR	5,6450	5,6450	5,6450			5,6450					
Certificate	DE000VA3TDM5	TESLA309.7TL OPENV	EUR											
Certificate	DE000VA87J75	TESLA310.8TL OPENV	EUR	5,2150	5,2150	5,2150			5,2150					
Certificate	DE000VA8F568	TESLA311.7TL OPENV	EUR	6,1950	6,1950	6,1950			6,1950					
Certificate	DE000VA87J91	TESLA313.3TL OPENV	EUR	4,9950	4,9950	4,9950			4,9950					
Certificate	DE000VA3TDN3	TESLA314.7TL OPENV	EUR											
Certificate	DE000VA87KB5	TESLA315.8TL OPENV	EUR	4,7750	4,7750	4,7750			4,7750					
Certificate	DE000CI3PRF1	TESLA317.4TL OPENZ	EUR	2,1600	2,3200	2,1600			2,3200					
Certificate	DE000VA87KD1	TESLA318.3TL OPENV	EUR	4,5550	4,5550	4,5550			4,5550					
Certificate	DE000VA3TDP8	TESLA319.7TL OPENV	EUR											
Certificate	DE000VA87KG4	TESLA320.8TL OPENV	EUR	4,2950	4,2950	4,2950			4,2950					
Certificate	DE000VA8F576	TESLA321.7TL OPENV	EUR	5,3450	5,3450	5,3450			5,3450					
Certificate	DE000VA87KH2	TESLA323.3TL OPENV	EUR	4,1050	4,1050	4,1050			4,1050					
Certificate	DE000VA3TDQ6	TESLA324.7TL OPENV	EUR											
Certificate	DE000VA90XN7	TESLA329.1TL OPENV	EUR	3,6650	3,6650	3,6650			3,6650					
Certificate	DE000VA3TKG2	TESLA329.7TL OPENV	EUR											
Certificate	DE000VA90XP2	TESLA331.6TL OPENV	EUR	3,4450	3,4450	3,4450			3,4450					



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	DE000VA90XK3	TESLA331.8TL OPENV	EUR	4,6750	4,6750	4,6750			4,6750					
Certificate	DE000CJ3QMX3	TESLA332.3TL OPENZ	EUR	1,5200	1,7000	1,5200	110,5000	1	1,6800		65			
Certificate	DE000VA90XQ0	TESLA334.1TL OPENV	EUR	3,2250	3,2250	3,2250			3,2250					
Certificate	DE000VA3TKH0	TESLA334.7TL OPENV	EUR											
Certificate	DE000VA90YJ3	TESLA336.6TL OPENV	EUR	2,9700	3,1300	2,3700	2761,6300	7	3,0050		1031			
Certificate	DE000VN9G6K4	TESLA339.3TL OPENV	EUR	2,7850	2,7850	2,7850								
Certificate	DE000VA3TKJ6	TESLA339.7TL OPENV	EUR											
Certificate	DE000VN9G6M0	TESLA341.8TL OPENV	EUR	2,5650	2,5650	2,5650			2,5650					
Certificate	DE000VA901E5	TESLA342.1TL OPENV	EUR	3,8150	3,8150	3,8150			3,8150					
Certificate	DE000VN9G6Q1	TESLA344.3TL OPENV	EUR	2,3550	2,3550	2,3550			2,3550					
Certificate	DE000VN9G6V1	TESLA346.8TL OPENV	EUR	2,1850	2,1850	2,1850			2,1850					
Certificate	DE000CJ3QRD4	TESLA347.5TL OPENZ	EUR	0,8800	1,2100	0,8800	3817,5000	3	1,0300		3525			
Certificate	DE000VN9G6Y5	TESLA349.3TL OPENV	EUR	1,6100	2,0250	1,6050	96,6000	1	2,0250		60			
Certificate	DE000VN9HD03	TESLA351.9TL OPENV	EUR											
Certificate	DE000VN9HCP7	TESLA352.1TL OPENV	EUR	3,0850	3,0850	3,0850			3,0850					
Certificate	DE000VN9G734	TESLA352.1TL OPENV	EUR											
Certificate	DE000VA901F2	TESLA352.1TL OPENV	EUR											
Certificate	DE000VA3TJ97	TESLA353.5TS OPENV	EUR											
Certificate	DE000VA3TKC1	TESLA353.7TS OPENV	EUR											
Certificate	DE000VN9G858	TESLA354.3TL OPENV	EUR											
Certificate	DE000VN9HD29	TESLA354.4TL OPENV	EUR											
Certificate	DE000VN9HD37	TESLA356.9TL OPENV	EUR											
Certificate	DE000VA3TKD9	TESLA358.7TS OPENV	EUR											
Certificate	DE000VN9HD52	TESLA359.4TL OPENV	EUR											
Certificate	DE000VN9HCQ5	TESLA362.1TL OPENV	EUR											
Certificate	DE000VN9H8G8	TESLA363.6TS OPENV	EUR											
Certificate	DE000VA3TKE7	TESLA363.7TS OPENV	EUR											
Certificate	DE000VN9HQ6	TESLA365.8TS OPENV	EUR											
Certificate	DE000VN9HBJ2	TESLA366.1TS OPENV	EUR											
Certificate	DE000VN9HGR4	TESLA368.3TS OPENV	EUR											
Certificate	DE000VN9HGT0	TESLA370.8TS OPENV	EUR											
Certificate	DE000VA5RCD5	TESLA372.1TS OPENV	EUR											
Certificate	DE000VA5EM89	TESLA372.4TS OPENV	EUR											
Certificate	NL0012988547	TESLA372.5BS OPENB	EUR											
Certificate	DE000VN9HGV6	TESLA373.3TS OPENV	EUR											
Certificate	DE000VN9HFC8	TESLA373.5TS OPENV	EUR	2,6250	2,6250	2,6250			2,6250					
Certificate	DE000VN9HGW4	TESLA375.8TS OPENV	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000VA5EM55	TESLA377.1TS OPENV	EUR											
Certificate	DE000VA5EM97	TESLA377.4TS OPENV	EUR											
Certificate	DE000VN9HGX2	TESLA378.3TS OPENV	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000VN9HGY0	TESLA380.8TS OPENV	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000VA5EM63	TESLA382.1TS OPENV	EUR											
Certificate	DE000VA5ENAG	TESLA382.4TS OPENV	EUR											
Certificate	NL0012988760	TESLA383.4TS OPENB	EUR	5,1650	5,1650	5,1650			5,1650					
Certificate	DE000VA5EM71	TESLA387.1TS OPENV	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	DE000VA3PXN9	TESLA388.7TS OPENV	EUR	3,3650	3,3650	3,3650			3,3650					
Certificate	NL0012272744	TESLA392.4BS OPENB	EUR	2,6200	3,1000	2,3200	4053,0000	6	2,6250		1500			
Certificate	DE000CE6DL90	TESLA392.5TS OPENZ	EUR	2,6550	2,7900	2,2400	1920,5000	6	2,3550		749			
Certificate	DE000VA3PPX4	TESLA393.7TS OPENV	EUR	3,7550	3,7550	3,7550			3,7550					
Certificate	DE000VA3PW78	TESLA393.7TS OPENV	EUR	1,9400	2,1650	1,9400	471,4200	1	2,1650		243			
Certificate	DE000VA3PXQ2	TESLA398.7TS OPENV	EUR	4,2150	4,2150	4,2150			4,2150					
Certificate	DE000VA3PW86	TESLA398.7TS OPENV	EUR	2,5350	2,5350	2,5350			2,5350					
Certificate	NL0012281497	TESLA403.5TS OPENB	EUR	6,7800	7,3900	6,7800	16733,0000	2	7,1350		2450			
Certificate	DE000VA3PXR0	TESLA403.7TS OPENV	EUR	4,6750	4,6750	4,6750			4,6750					
Certificate	DE000VA3PW94	TESLA403.7TS OPENV	EUR	2,9750	2,9750	2,9750			2,9750					
Certificate	DE000VA3PXS8	TESLA408.7TS OPENV	EUR	5,1350	5,1350	5,1350			5,1350					
Certificate	DE000VA3PXA6	TESLA408.7TS OPENV	EUR	3,4050	3,4050	3,4050			3,4050					
Certificate	NL0012495162	TESLA412.2BS OPENB	EUR	4,6400	4,6850	4,3650	18560,0000	1	4,3650		4000			
Certificate	DE000VA3PXT6	TESLA413.7TS OPENV	EUR	5,5950	5,5950	5,5950			5,5950					
Certificate	DE000VA3PXB4	TESLA413.7TS OPENV	EUR	3,8450	3,8450	3,8450			3,8450					
Certificate	DE000VA3PXC2	TESLA418.7TS OPENV	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	DE000VA3TE27	TESLA418.7TS OPENV	EUR	6,0550	6,0550	6,0550			6,0550					
Certificate	DE000CE6DLA9	TESLA421.9TS OPENZ	EUR	5,2000	5,3900	4,5800	6699,0000	6	4,9150		1350			
Certificate	NL0012272678	TESLA423.2TS OPENB	EUR	9,0750	9,0750	9,0750			9,0750					
Certificate	DE000VA3TE35	TESLA423.7TS OPENV	EUR	6,5050	6,5050	6,5050			6,5050					
Certificate	DE000VA3PXD0	TESLA423.7TS OPENV	EUR	4,7150	4,7150	4,7150			4,7150					
Certificate	NL0012988232	TESLA425.9TS OPENB	EUR	9,3450	9,3450	9,3450			9,3450					
Certificate	DE000VA87J18	TESLA427.4TS OPENV	EUR	5,4550	5,4550	5,4550			5,4550					
Certificate	DE000VA5EMC4	TESLA427.7TS OPENV	EUR	7,0450	7,0450	7,0450			7,0450					
Certificate	DE000VA3PXE8	TESLA428.7TS OPENV	EUR	5,1550	5,1550	5,1550			5,1550					
Certificate	DE000VA87J34	TESLA429.9TS OPENV	EUR	5,6750	5,6750	5,6750			5,6750					
Certificate	DE000VA5EMD2	TESLA432.7TS OPENV	EUR	7,5050	7,5050	7,5050			7,5050					



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	DE000VA9C3B1	TESLA434.3TS OPENV	EUR	6,1150	6,1150	6,1150			6,1150					
Certificate	DE000VA9C3D7	TESLA436.8TS OPENV	EUR	6,3350	6,3350	6,3350			6,3350					
Certificate	DE000VA5EME0	TESLA437.7TS OPENV	EUR	7,9650	7,9650	7,9650			7,9650					
Certificate	DE000VA9C3E5	TESLA439.3TS OPENV	EUR	6,5550	6,5550	6,5550			6,5550					
Certificate	NL0012272751	TESLA441.58S OPENB	EUR	6,9650	6,9650	6,9650			6,9650					
Certificate	DE000VN9G8Y1	TESLA443.7TS OPENV	EUR	6,9950	6,9950	6,9950			6,9950					
Certificate	NL0012988240	TESLA445.7TS OPENB	EUR	11,2850	11,2850	11,2850			11,2850					
Certificate	DE000VN9G817	TESLA446.2TS OPENV	EUR	7,2150	7,2150	7,2150			7,2150					
Certificate	DE000VN9HDU5	TESLA448.6TS OPENV	EUR	7,4450	7,4450	7,4450			7,4450					
Certificate	DE000VN9HDW1	TESLA451.1TS OPENV	EUR	7,6650	7,6650	7,6650			7,6650					
Certificate	DE000VN9HDY7	TESLA453.6TS OPENV	EUR	7,8850	7,8850	7,8850			7,8850					
Certificate	DE000CE6ETU8	TESLA461.1TS OPENZ	EUR	8,6300	8,7100	8,1100	11668,5000	3	8,3600	1350				
Certificate	DE000CV88QSO	TEVA 18.4TL OPENZ	EUR											
Certificate	DE000CE6FKJ7	TEVA 10.14TL OPENZ	EUR	7,3450	7,3450	7,2350			7,2350					
Certificate	DE000CE6FQC9	TEVA 13.32TL OPENZ	EUR	4,5650	4,5650	4,4350			4,4350					
Certificate	DE000CV4ZOU1	TEVA 14.86TL OPENZ	EUR	3,2050	3,2050	3,0750			3,0750					
Certificate	DE000CV4Z423	TEVA 16.39TL OPENZ	EUR	1,8950	1,8950	1,7550			1,7550					
Certificate	NL0011997804	THYSS 21.5TL OPENH	EUR											
Certificate	NL0012365878	THYSS 26.9TS OPENH	EUR	13,2200	13,2400	13,2200			13,2400					
Certificate	DE000CJ3QAL3	THYSS10.91TL OPENZ	EUR	4,7800	4,8450	4,7800			4,8450					
Certificate	DE000CJ3NQB7	THYSS13.43TL OPENZ	EUR	2,2800	2,3450	2,2800			2,3450					
Certificate	NL0011722178	THYSS14.27TL OPENH	EUR	2,3700	2,4000	2,3700			2,4000					
Certificate	NL0013190820	THYSS16.21TS OPENH	EUR											
Certificate	NL0013185234	THYSS16.25TL OPENH	EUR											
Certificate	NL0013132970	THYSS18.71TS OPENH	EUR	4,4200	4,4400	4,4200			4,4400					
Certificate	NL0012907216	THYSS21.45TS OPENH	EUR	7,3600	7,3800	7,3600			7,3800					
Certificate	NL0012905889	THYSS21.93TS OPENH	EUR	7,8800	7,9000	7,8800			7,9000					
Certificate	NL0012933881	THYSS23.37TS OPENH	EUR	9,4400	9,4500	9,4400			9,4500					
Certificate	NL0012912125	THYSS23.94TS OPENH	EUR	10,0400	10,0600	10,0400			10,0600					
Certificate	NL0012847248	THYSS24.32TS OPENH	EUR	10,4600	10,4700	10,4600			10,4700					
Certificate	NL0012565642	THYSS24.62TS OPENH	EUR	10,7700	10,7900	10,7700			10,7900					
Certificate	NL0012561997	THYSS25.54TS OPENH	EUR	11,7600	11,7800	11,7600			11,7800					
Certificate	NL0012606768	THYSS26.63TS OPENH	EUR	12,9300	12,9500	12,9300			12,9500					
Certificate	NL0012849467	THYSS26.79TS OPENH	EUR	13,1100	13,1300	13,1100			13,1300					
Certificate	NL0012330575	THYSS27.86TS OPENH	EUR	14,2600	14,2800	14,2600			14,2800					
Certificate	NL0012050520	THYSS28.31TS OPENH	EUR	14,7400	14,7500	14,7400			14,7500					
Certificate	NL0011054325	THYSS29.49TS OPENH	EUR	16,0100	16,0200	16,0100	112,1400	1	16,0200	7				
Certificate	NL0012365860	THYSS32.69TS OPENH	EUR	19,4500	19,4600	19,4500			19,4600					
Certificate	DE000CN6JP75	TKHGR 22.5TL OPENZ	EUR	1,9450	1,9450	1,9450			1,9450					
Certificate	DE000CN6HMH2	TKHGR24.15TL OPENZ	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	DE000CR9RGW2	TKHGR28.05TL OPENZ	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	DE000CN6JRG9	TKHGR29.61TL OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000CD625M3	TKHGR31.17TL OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	NL0012121925	TKHGR31.94BL OPENB	EUR	10,0650	10,4850	10,0650			10,4850					
Certificate	DE000CD62DJ0	TKHGR32.71TL OPENZ	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	DE000CD63U52	TKHGR34.21TL OPENZ	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000CD642Y3	TKHGR36.19TL OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CE6BL01	TKHGR38.18TL OPENZ	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	NL0012121958	TKHGR38.21BL OPENB	EUR	3,7500	4,2150	3,7500	37,5000	1	4,2150	10				
Certificate	DE000CE6CK43	TKHGR40.16TL OPENZ	EUR	0,1300	0,1850	0,1300	65,0000	1	0,1850	500				
Certificate	NL0012261630	TKHGR40.29BL OPENB	EUR	1,7050	2,1250	1,6650	738,0000	2	2,1250	400				
Certificate	DE000CJ3PQ44	TKHGR42.13TL OPENZ	EUR											
Certificate	DE000CJ3QZC9	TKHGR45.06TS OPENZ	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	DE000CJ3N5G9	TKHGR49.06TS OPENZ	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	DE000CV8B0D1	TKHGR53.54TS OPENZ	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	DE000CV89RP2	TKHGR57.51TS OPENZ	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	DE000CE6EYP8	TKHGR61.48TS OPENZ	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	DE000CV88LL6	TKHGR65.47TS OPENZ	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	NL0012502488	TKWY 40TL OPENB	EUR	5,9600	6,2400	5,9600			6,2400					
Certificate	NL0012020390	TKWY 21.3TL OPENB	EUR	23,4400	23,7200	23,4400			23,7200					
Certificate	NL0012035307	TKWY 23.4TL OPENB	EUR	21,4600	21,7400	21,4600			21,7400					
Certificate	NL0012104764	TKWY 26.5TL OPENB	EUR	18,5400	18,8200	18,5400			18,8200					
Certificate	NL0012105555	TKWY 28.6TL OPENB	EUR	16,6200	16,9000	16,6200			16,9000					
Certificate	NL0012264360	TKWY 29.7TL OPENB	EUR	15,6100	15,8900	15,6100			15,8900					
Certificate	NL0012269856	TKWY 35.9TL OPENB	EUR	9,8200	10,1000	9,8200			10,1000					
Certificate	DE000CE6DEW8	TKWY 37.1TL OPENZ	EUR	1,7850	1,7850	1,7850			1,7850					
Certificate	NL0012500235	TKWY 37.9TL OPENB	EUR	7,9300	8,2100	7,6800	7920,0000	2	8,2100	1000				
Certificate	NL0012780357	TKWY 42.1TL OPENB	EUR	4,0800	4,3600	4,0800			4,3600					
Certificate	NL0012781231	TKWY 44.1TL OPENB	EUR											
Certificate	NL0013164544	TKWY 44.1TL OPENB	EUR											
Certificate	NL0013161250	TKWY 48.8TS OPENB	EUR	9,5300	9,5300	9,2600			9,2600					
Certificate	NL0013152812	TKWY 51.8TS OPENB	EUR	12,8000	12,8000	12,5300			12,5300					



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	NL0013152820	TKWY 54.8TS OPENB	EUR	16,0500	16,0500	15,7800			15,7800					
Certificate	NL0013003015	TKWY 57.8TS OPENB	EUR	19,2100	19,2100	18,9400			18,9400					
Certificate	DE000CJ3QWC6	TKWY 28.84TL OPENZ	EUR	3,4700	3,4700	3,2950	277,6000	1	3,2950	80				
Certificate	DE000CE6D9U2	TKWY 33.84TL OPENZ	EUR	2,3850	2,3850	2,3850			2,3850					
Certificate	DE000CV888U8	TKWY 42.48TL OPENZ	EUR	0,6900	0,7850	0,6900	69,0000	1	0,7850	100				
Certificate	DE000CJ3NYA3	TLTAA0.353TL OPENZ	EUR	0,2050	0,2050	0,2050			0,2050					
Certificate	DE000CV8A559	TLTAA0.407TL OPENZ	EUR	0,1450	0,1450	0,1450			0,1450					
Certificate	DE000CJ3NZU8	TLTAA0.463TL OPENZ	EUR	0,0950	0,0950	0,0950			0,0950					
Certificate	DE000CJ3QK72	TLTAA0.521TL OPENZ	EUR	0,0350	0,0350	0,0350			0,0350					
Certificate	DE000CV8B451	TLRY 42.2TL OPENZ	EUR	10,4400	10,4400	10,1500			10,1500					
Certificate	DE000CV8AX00	TLRY 20.58TL OPENZ	EUR	13,8600	13,8600	13,5800			13,5800					
Certificate	DE000CV8B110	TLRY 30.85TL OPENZ	EUR	12,2400	12,2400	11,9500			11,9500					
Certificate	DE000CV8B1Y5	TLRY 36.53TL OPENZ	EUR	11,3400	11,3400	11,0500			11,0500					
Certificate	DE000CV8B4T9	TLRY 47.86TL OPENZ	EUR	9,5500	9,5500	9,2500	944,0000	1	9,2500	100				
Certificate	DE000CV8B7W6	TLRY 59.11TL OPENZ	EUR	7,7700	7,7700	7,4600			7,4600					
Certificate	DE000CV8B9H3	TLRY 70.35TL OPENZ	EUR	5,9900	5,9900	5,6700			5,6700					
Certificate	DE000CV8BCY7	TLRY 81.54TL OPENZ	EUR	4,2100	4,2100	3,8950			3,8950					
Certificate	DE000CV8BEK2	TLRY 90.26TL OPENZ	EUR											
Certificate	DE000CJ3PWG9	TLRY 92.12TL OPENZ	EUR	2,5400	2,5400	2,2150			2,2150					
Certificate	NL0012244297	TLSNS 24.7TL OPENH	EUR	1,8800	1,9500	1,8800			1,9500					
Certificate	NL0013128531	TLSNS 39.9TL OPENH	EUR	0,5400	0,6100	0,5400			0,6100					
Certificate	NL0011409149	TLSNS 43.4TS OPENH	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	NL0012313290	TLSNS14.46TL OPENH	EUR	2,7800	2,8600	2,7800			2,8600					
Certificate	NL0011715248	TLSNS25.82TL OPENH	EUR	1,7800	1,8500	1,7800			1,8500					
Certificate	NL0011990460	TLSNS26.76TL OPENH	EUR	1,7000	1,7700	1,7000			1,7700					
Certificate	NL0011409248	TLSNS30.86TL OPENH	EUR	1,3400	1,4100	1,3400			1,4100					
Certificate	NL0012579510	TLSNS33.91TL OPENH	EUR	1,0700	1,1400	1,0700			1,1400					
Certificate	NL0012583678	TLSNS35.91TL OPENH	EUR	0,8900	0,9600	0,8900			0,9600					
Certificate	NL0013085434	TLSNS37.92TL OPENH	EUR	0,7200	0,7800	0,7200			0,7800					
Certificate	NL0012895189	TLSNS40.84TL OPENH	EUR											
Certificate	NL0011409131	TLSNS46.17TS OPENH	EUR											
Certificate	NL0012605448	TLSNS50.72TS OPENH	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	NL0012605430	TLSNS52.69TS OPENH	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	NL0012906713	TLSNS59.59TS OPENH	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0012796783	TN10 LEVOPENZ	EUR	52,8400	52,8400	52,8400			52,8400					
Certificate	NL0012796791	TN10 SHROPEZ	EUR	36,3600	36,3600	36,3600			36,3600					
Certificate	NL0012536817	TN10 109.TL OPENH	EUR	12,1500	12,1500	12,1500			12,1500					
Certificate	NL0012313480	TN10 110.TL OPENH	EUR	11,2900	11,2900	11,2900			11,2900					
Certificate	NL0012372791	TN10 149.TS OPENH	EUR	27,7100	27,7100	27,7100			27,7100					
Certificate	NL0012899504	TN10 70.5TL OPENH	EUR	45,5700	45,5700	45,5700			45,5700					
Certificate	NL0012372916	TN10 100.8TL OPENH	EUR	19,3000	19,3000	19,3000			19,3000					
Certificate	DE000CM73MG5	TN10 103.5TL OPENZ	EUR	15,2400	15,2400	15,2400			15,2400					
Certificate	NL0012579601	TN10 104.3TL OPENH	EUR	16,2700	16,2700	16,2700			16,2700					
Certificate	NL0012565766	TN10 106.4TL OPENH	EUR	14,4600	14,4600	14,4600			14,4600					
Certificate	NL0012529390	TN10 107.8TL OPENH	EUR	13,1900	13,1900	13,1900			13,1900					
Certificate	DE000CM73MH3	TN10 109.3TL OPENZ	EUR	9,9100	10,0600	9,8500	19770,0000	4	10,0600	2000				
Certificate	NL0012372908	TN10 111.1TL OPENH	EUR	10,3800	10,3800	10,3800			10,3800					
Certificate	NL0012372890	TN10 112.1TL OPENH	EUR	9,5000	9,5000	9,5000			9,5000					
Certificate	NL0012372882	TN10 113.1TL OPENH	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	DE000CR4J7F5	TN10 113.4TL OPENZ	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	NL0012372874	TN10 114.2TL OPENH	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	NL0012372866	TN10 115.2TL OPENH	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	NL0012372858	TN10 116.2TL OPENH	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	DE000CJ3N2D3	TN10 116.4TL OPENZ	EUR	3,7000	3,7700	3,7000	59680,0000	12	3,7450	16000				
Certificate	NL0012372841	TN10 117.2TL OPENH	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	NL0012310452	TN10 118.3TL OPENH	EUR											
Certificate	NL0012579585	TN10 120.7TS OPENH	EUR											
Certificate	NL0012551097	TN10 122.5TS OPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000CE6EUN1	TN10 122.8TS OPENZ	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	NL0012307714	TN10 123.4TS OPENH	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	NL0011996798	TN10 123.6TS OPENH	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	NL0012313464	TN10 124.6TS OPENH	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	DE000CR6YN46	TN10 125.4TS OPENZ	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	NL0012313456	TN10 125.5TS OPENH	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	NL0012310437	TN10 125.9TS OPENH	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	NL0011996822	TN10 126.4TS OPENH	EUR	8,5600	8,5600	8,5600			8,5600					
Certificate	NL0012310429	TN10 126.8TS OPENH	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	NL0012313449	TN10 127.5TS OPENH	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	DE000CV4ZV56	TN10 127.6TS OPENZ	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	NL0012310411	TN10 127.8TS OPENH	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	NL0012313431	TN10 128.4TS OPENH	EUR	9,1700	9,1700	9,1700			9,1700					
Certificate	NL0012313423	TN10 129.4TS OPENH	EUR	10,0400	10,0400	10,0400			10,0400					



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	DE000CR9Q773	TN10 130.2TS OPENZ	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	NL0012313415	TN10 130.3TS OPENH	EUR	10,9000	10,9000	10,9000			10,9000					
Certificate	NL0012313407	TN10 131.3TS OPENH	EUR	11,7700	11,7700	11,7700			11,7700					
Certificate	NL0012313399	TN10 132.3TS OPENH	EUR	12,6400	12,6400	12,6400			12,6400					
Certificate	DE000CN6K4X9	TN10 132.9TS OPENZ	EUR	10,8600	10,8600	10,8600			10,8600					
Certificate	NL0012313381	TN10 133.2TS OPENH	EUR	13,5100	13,5100	13,5100			13,5100					
Certificate	NL0012313373	TN10 134.2TS OPENH	EUR	14,3700	14,3700	14,3700			14,3700					
Certificate	NL0012313365	TN10 135.1TS OPENH	EUR	15,2300	15,2300	15,2300			15,2300					
Certificate	DE000CD61AF6	TN10 135.6TS OPENZ	EUR	13,2800	13,2800	13,2800			13,2800					
Certificate	NL0012313357	TN10 136.1TS OPENH	EUR	16,1100	16,1100	16,1100			16,1100					
Certificate	NL0012372825	TN10 137.3TS OPENH	EUR	17,1700	17,1700	17,1700			17,1700					
Certificate	NL0012372817	TN10 138.3TS OPENH	EUR	18,0500	18,0500	18,0500			18,0500					
Certificate	DE000CE6C667	TN10 138.5TS OPENZ	EUR	15,8100	15,8100	15,8100			15,8100					
Certificate	NL0012538169	TN10 139.6TS OPENH	EUR	19,2500	19,2500	19,2500			19,2500					
Certificate	NL0012437768	TN10 140.6TS OPENH	EUR	20,1800	20,1800	20,1800			20,1800					
Certificate	DE000CE6CE25	TN10 141.3TS OPENZ	EUR	18,3800	18,3800	18,3300	2021,8000	1	18,3300	110				
Certificate	NL0012372809	TN10 144.1TS OPENH	EUR	23,3200	23,3200	23,3200			23,3200					
Certificate	DE000CE6EUP6	TN10 144.2TS OPENZ	EUR	20,8800	20,8800	20,8800			20,8800					
Certificate	NL0012372783	TN10 153.8TS OPENH	EUR	32,1000	32,1000	32,1000			32,1000					
Certificate	NL0012372775	TN10 158.7TS OPENH	EUR	36,4900	36,4900	36,4900			36,4900					
Certificate	NL0012372767	TN10 163.6TS OPENH	EUR	40,8700	40,8700	40,8700			40,8700					
Certificate	NL0012372759	TN10 173.3TS OPENH	EUR	49,6500	49,6500	49,6500			49,6500					
Certificate	NL0012432777	TN10 183.2TS OPENH	EUR	58,5600	58,5600	58,5600			58,5600					
Certificate	NL0012372940	TN10 80.25TL OPENH	EUR	37,1200	37,1200	37,1200			37,1200					
Certificate	NL0012615694	TN10 85.81TL OPENH	EUR	32,3000	32,3000	32,3000			32,3000					
Certificate	NL0012372932	TN10 90.53TL OPENH	EUR	28,2100	28,2100	28,2100			28,2100					
Certificate	NL0012372924	TN10 95.66TL OPENH	EUR	23,7600	23,7600	23,7600			23,7600					
Certificate	DE000CM73MF7	TN10 97.61TL OPENZ	EUR	20,4200	20,4200	20,4200			20,4200					
Certificate	DE000CJ3N591	TNCT 171.TL OPENZ	EUR	1,8200	1,8200	1,7550	1820,0000	1	1,7550	1000				
Certificate	DE000CJ3Q808	TNCT 275.TL OPENZ	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	DE000CV88DK4	TNCT 190.8TL OPENZ	EUR	1,5450	1,5450	1,5450			1,5450					
Certificate	DE000CV8ALP8	TNCT 213.1TL OPENZ	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000CV89PB6	TNCT 235.7TL OPENZ	EUR	1,1100	1,1100	1,0850	555,0000	1	1,0850	500				
Certificate	DE000CV8ALQ6	TNCT 255.1TL OPENZ	EUR											
Certificate	DE000CJ3PUC2	TNCT 255.4TL OPENZ	EUR	0,9500	0,9500	0,8750	95,0000	1	0,8750	100				
Certificate	DE000CJ3PGM0	TNCT 275.1TL OPENZ	EUR											
Certificate	DE000CJ3QM05	TNCT 299.6TL OPENZ	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	DE000CE6BQS4	TOMTO LEVOPENZ	EUR	0,3060	0,3060	0,2970	1071,0000	1	0,2970	3500				
Certificate	DE000CE6BQH7	TOMTO SHROPENZ	EUR	0,0860	0,0880	0,0860	208,9800	1	0,0880	2430				
Certificate	LU1876932416	TOMTO 4TCIOPENS	EUR	4,1600	4,2400	4,1600			4,2400					
Certificate	NL0013012891	TOMTO 6TL OPENB	EUR	2,5950	2,6750	2,5950			2,6750					
Certificate	DE000CX59KZ5	TOMTO 7TL OPENC	EUR											
Certificate	NL0013190838	TOMTO 8TL OPENH	EUR											
Certificate	NL0012795405	TOMTO 9BOC1218Z	EUR											
Certificate	LU1876938611	TOMTO 9TPIOPENS	EUR	1,2300	1,2300	1,1500			1,1500					
Certificate	DE000CJ3NUT1	TOMTO 9TS 1218Z	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	NL0012793087	TOMTO 10BOC1218B	EUR	7,9100	8,0000	7,9100			8,0000					
Certificate	LU1876938884	TOMTO 10TPIOPENS	EUR	2,2200	2,2200	2,1500			2,1500					
Certificate	DE000CV8AE52	TOMTO 10TS 1218Z	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	NL0012494652	TOMTO 11BOC1218B	EUR	7,9300	8,0200	7,9300			8,0200					
Certificate	DE000CV8ABU9	TOMTO 11TS 1218Z	EUR	3,0550	3,0550	3,0550			3,0550					
Certificate	NL0009966746	TOMTO 2.7TL OPENB	EUR	5,7350	5,7350	5,7350			5,7350					
Certificate	NL0010012274	TOMTO 3.1TL OPENB	EUR	5,4150	5,4150	5,4150			5,4150					
Certificate	NL0010378576	TOMTO 3.4TL OPENB	EUR	5,1550	5,1550	5,1550			5,1550					
Certificate	NL0012313324	TOMTO 3.7TL OPENH	EUR	4,7500	4,8600	4,7500			4,8600					
Certificate	NL0010441796	TOMTO 4.2TL OPENB	EUR	4,3950	4,3950	4,3950			4,3950					
Certificate	LU1876932507	TOMTO 4.5TCIOPENS	EUR	3,6500	3,7400	3,6500			3,7400					
Certificate	NL0010652277	TOMTO 4.7TL OPENB	EUR	3,9950	3,9950	3,9950			3,9950					
Certificate	NL0010887923	TOMTO 4.9TL OPENB	EUR	3,5650	3,6450	3,5650			3,6450					
Certificate	NL0010656575	TOMTO 5.2TL OPENB	EUR	3,5750	3,5750	3,5750			3,5750					
Certificate	DE000CC608R9	TOMTO 5.2TL OPENC	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	NL0010875381	TOMTO 5.3TL OPENB	EUR	3,2350	3,3150	3,2350			3,3150					
Certificate	NL0010913729	TOMTO 5.6TL OPENB	EUR	2,9150	2,9950	2,9150			2,9950					
Certificate	NL0011039904	TOMTO 5.6TL OPENH	EUR	3,1000	3,2000	3,1000			3,2000					
Certificate	DE000CV89UR2	TOMTO 5.6TL OPENZ	EUR	2,9450	2,9450	2,9450			2,9450					
Certificate	NL0012901680	TOMTO 5.8TL OPENH	EUR	2,9200	3,0300	2,9200			3,0300					
Certificate	NL0013125776	TOMTO 6.1TL OPENH	EUR	2,6700	2,7800	2,6700			2,7800					
Certificate	NL0013018732	TOMTO 6.3TL OPENB	EUR	2,3250	2,4050	2,3250			2,4050					
Certificate	LU1876932689	TOMTO 6.5TCIOPENS	EUR	1,6600	1,7400	1,6600			1,7400					
Certificate	NL0013019169	TOMTO 6.6TL OPENB	EUR	2,0550	2,1350	2,0550	2100,0000	1	2,1350	1000				
Certificate	NL0013019177	TOMTO 6.9TL OPENB	EUR	1,7750	1,8700	1,7750	4114,0000	1	1,8550	2200				
Certificate	NL0013126790	TOMTO 6.9TL OPENH	EUR	1,9700	2,0800	1,9700			2,0800					



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	NL0013110315	TOMTO 7.2BOC0619Z	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	NL0013148596	TOMTO 7.2TL OPENB	EUR	1,5050	1,6400	1,5050	3198,0000	1	1,5850	1950				
Certificate	DE000CJ3PWE4	TOMTO 7.2TL OPENZ	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	NL0013185440	TOMTO 7.4TL OPENH	EUR	1,5400	1,6600	1,5400			1,6600					
Certificate	NL0013158645	TOMTO 7.5TL OPENB	EUR	1,1550	1,2700	1,1550	6465,1000	2	1,2350	5130				
Certificate	NL0013186471	TOMTO 7.6TL OPENH	EUR	1,3600	1,4900	1,3600			1,4900					
Certificate	NL0013159361	TOMTO 7.8TL OPENB	EUR											
Certificate	NL0013187180	TOMTO 7.9TL OPENH	EUR											
Certificate	NL0013188899	TOMTO 8.1TL OPENH	EUR											
Certificate	NL0013165517	TOMTO 8.3TS OPENB	EUR	1,2950	1,2950	1,1950			1,1950					
Certificate	LU1876938538	TOMTO 8.5TPIOpens	EUR	0,7300	0,7300	0,6600			0,6600					
Certificate	DE000CJ3P349	TOMTO 8.5TS 0319Z	EUR	0,5800	0,6050	0,5800	116,0000	1	0,6050	200				
Certificate	NL0012796510	TOMTO 8.7BOC0919Z	EUR	7,8100	7,8100	7,8100	2343,0000	1	7,8100	300				
Certificate	NL0013188881	TOMTO 8.7TS OPENH	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0013110711	TOMTO 8.8BOC0919Z	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	NL0013152846	TOMTO 8.8TS OPENB	EUR	1,9350	1,9350	1,8350			1,8350					
Certificate	NL0012795413	TOMTO 8.9BOC0319Z	EUR	8,3250	8,3250	8,3250			8,3250					
Certificate	DE000CE6FK40	TOMTO 9.1TS OPENZ	EUR	2,1150	2,1150	2,1150			2,1150					
Certificate	NL0012509780	TOMTO 9.4TS OPENB	EUR	2,5650	2,5650	2,4650			2,4650					
Certificate	LU1876938702	TOMTO 9.5TPIOpens	EUR	1,7200	1,7200	1,6500			1,6500					
Certificate	DE000CJ3P356	TOMTO 9.5TS 0319Z	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	NL0012796528	TOMTO 9.7BOC1219Z	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	NL0012789986	TOMTO 9.8TS OPENB	EUR	3,0250	3,0250	2,9250			2,9250					
Certificate	NL0013148844	TOMTO 10.2BOC1219B	EUR	8,1200	8,1500	8,1200			8,1500					
Certificate	LU1876938967	TOMTO 10.5TPIOpens	EUR	2,7200	2,7200	2,6400			2,6400					
Certificate	DE000CJ3P9M7	TOMTO 10.5TS 0319Z	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	LU1876939007	TOMTO 11.5TPIOpens	EUR	3,7200	3,7200	3,6400			3,6400					
Certificate	NL0012313340	TOMTO 2.48TL OPENH	EUR	5,8200	5,9300	5,8200			5,9300					
Certificate	NL0012313332	TOMTO 3.09TL OPENH	EUR	5,2800	5,3900	5,2800			5,3900					
Certificate	NL0010154977	TOMTO 3.49TL OPENA	EUR											
Certificate	NL0011039920	TOMTO 4.54TL OPENH	EUR	4,0200	4,1300	4,0200			4,1300					
Certificate	DE000CJ3NLL7	TOMTO 5.05TL 1218Z	EUR	3,0350	3,0350	3,0350			3,0350					
Certificate	DE000CJ3NM81	TOMTO 5.05TL OPENZ	EUR	3,4450	3,4450	3,4450			3,4450					
Certificate	LU1817373522	TOMTO 5.08TCIOpens	EUR	3,0500	3,1400	3,0500			3,1400					
Certificate	NL0011039912	TOMTO 5.18TL OPENH	EUR	3,4600	3,5700	3,4600			3,5700					
Certificate	NL0011040597	TOMTO 5.39TL OPENH	EUR	3,2800	3,3900	3,2800			3,3900					
Certificate	DE000CJ3NLM5	TOMTO 5.55TL 1218Z	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	LU1817373795	TOMTO 5.71TCIOpens	EUR	2,4200	2,5000	2,4200			2,5000					
Certificate	DE000CJ3P4X5	TOMTO 5.73TL 0319Z	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	DE000CJ3PCL1	TOMTO 5.95TL 1218Z	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	DE000CJ3PDH7	TOMTO 6.07TL OPENZ	EUR	2,5150	2,5150	2,5150			2,5150					
Certificate	NL0013018435	TOMTO 6.22BL OPENB	EUR	2,0150	2,0950	2,0150			2,0950					
Certificate	NL0013126550	TOMTO 6.29TL OPENH	EUR	2,4900	2,6000	2,4900			2,6000					
Certificate	NL0013126808	TOMTO 6.59TL OPENH	EUR	2,2300	2,3400	2,2300			2,3400					
Certificate	DE000CJ3PR68	TOMTO 6.62TL OPENZ	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	DE000CJ3P331	TOMTO 6.63TL 0319Z	EUR	1,4100	1,5100	1,4100	735,0000	2	1,4750	500				
Certificate	LU1859904945	TOMTO 6.88TCIOpens	EUR	1,2700	1,3500	1,2700			1,3500					
Certificate	DE000CJ3P9K1	TOMTO 7.13TL 0319Z	EUR	0,9500	0,9950	0,9500	817,0000	1	0,9950	860				
Certificate	LU1859914159	TOMTO 7.17TCIOpens	EUR	0,9800	1,0600	0,9800			1,0600					
Certificate	NL0013129786	TOMTO 7.19TL OPENH	EUR	1,7100	1,8400	1,7100			1,8400					
Certificate	NL0013110323	TOMTO 7.35BOC0919Z	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	DE000CJ3QP02	TOMTO 7.63TL 0319Z	EUR	0,5500	0,5800	0,5050	707,4000	2	0,5050	1230				
Certificate	NL0011995857	TOMTO 7.64TL OPENH	EUR											
Certificate	NL0013110331	TOMTO 7.65BOC1219Z	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	DE000CJ3QN79	TOMTO 7.73TL OPENZ	EUR	0,8800	1,0050	0,8800	3520,0000	1	1,0050	4000				
Certificate	NL0013003288	TOMTO 8.35BOC0719B	EUR	7,5200	7,5600	7,5200			7,5600					
Certificate	NL0012900047	TOMTO 8.56TS OPENH	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0013003296	TOMTO 8.65BOC0919B	EUR	7,6000	7,6400	7,6000			7,6400					
Certificate	NL0012994925	TOMTO 8.68BS OPENB	EUR	1,0050	1,0050	0,9050			0,9050					
Certificate	NL0012888788	TOMTO 8.93TS OPENH	EUR	2,5600	2,5600	2,5500			2,5500					
Certificate	NL0012549554	TOMTO 9.14TS OPENH	EUR	2,8200	2,8200	2,8000			2,8000					
Certificate	NL0012539357	TOMTO 9.31TS OPENH	EUR	3,0100	3,0100	2,9900			2,9900					
Certificate	NL0012544712	TOMTO 9.52TS OPENH	EUR	3,2500	3,2500	3,2300			3,2300					
Certificate	NL0012936306	TOMTO 9.72TS OPENH	EUR	3,4900	3,4900	3,4700			3,4700					
Certificate	NL0012539340	TOMTO 9.79TS OPENH	EUR	3,5800	3,5800	3,5600			3,5600					
Certificate	DE000CJ3P9Q8	TOMTO10.07TS OPENZ	EUR	3,1950	3,1950	3,1950			3,1950					
Certificate	NL0011593413	TOMTO10.16TS OPENH	EUR	4,0100	4,0100	3,9900			3,9900					
Certificate	NL0011535257	TOMTO10.33BS OPENB	EUR	2,6450	2,6450	2,5450			2,5450					
Certificate	NL0011742853	TOMTO10.71TS OPENH	EUR	4,6600	4,6600	4,6400			4,6400					
Certificate	NL0011732458	TOMTO11.24TS OPENH	EUR	5,2800	5,2800	5,2600			5,2600					
Certificate	NL0011586664	TOMTO11.52TS OPENH	EUR	5,6100	5,6100	5,5900			5,5900					
Certificate	NL0012313308	TOMTO12.15TS OPENH	EUR	6,3500	6,3500	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	NL0012365506	TOMTO12.76TS OPENH	EUR	7,0700	7,0700	7,0500			7,0500					
Certificate	NL0011235262	TOMTO12.87TS OPENH	EUR	7,1900	7,1900	7,1700			7,1700					
Certificate	NL0012546543	TOMTO13.43TS OPENH	EUR	7,8500	7,8500	7,8400			7,8400					
Certificate	NL0012369896	TOMTO14.51TS OPENH	EUR	9,1300	9,1300	9,1100			9,1100					
Certificate	DE000CJ3NML5	TOMTO3.684TL OPENZ	EUR	4,3550	4,3550	4,3550			4,3550					
Certificate	DE000CV89VN9	TOMTO4.192TL OPENZ	EUR	3,8450	3,8450	3,8450			3,8450					
Certificate	NL0011903612	TOMTO4.6538L OPENB	EUR	3,5750	3,6550	3,5750			3,6550					
Certificate	DE000CV89RQ0	TOMTO4.701TL OPENZ	EUR	3,3350	3,3350	3,3350			3,3350					
Certificate	DE000CJ3NMM3	TOMTO5.012TL OPENZ	EUR	3,0250	3,0250	3,0250			3,0250					
Certificate	DE000CF80TP0	TOMTO5.034TL OPENC	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	NL0011900162	TOMTO5.1858L OPENB	EUR	3,0450	3,1300	3,0450	7825,0000	1	3,1250	2500				
Certificate	DE000CZ7D0P5	TOMTO5.212TL OPENZ	EUR	2,8350	2,8350	2,8350			2,8350					
Certificate	DE000CB1MST9	TOMTO5.431TL OPENZ	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	DE000CB1MWWK0	TOMTO5.642TL OPENZ	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	NL0011644935	TOMTO5.7198L OPENB	EUR	2,5150	2,6100	2,5150	781,0000	2	2,5950	300				
Certificate	DE000CJ3NMM1	TOMTO5.842TL OPENZ	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	DE000CJ3PC81	TOMTO6.143TL OPENZ	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000CJ3PO51	TOMTO6.488TL OPENZ	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	NL0013018815	TOMTO6.7218L OPENB	EUR	1,5050	1,5850	1,5050	387,5000	1	1,5850	250				
Certificate	DE000CJ3PQ69	TOMTO6.838TL OPENZ	EUR	1,1900	1,2250	1,1900	361,5000	2	1,2250	300				
Certificate	DE000CJ3PVX6	TOMTO7.182TL OPENZ	EUR	0,7500	0,9300	0,7500	1215,0000	2	0,8850	1500				
Certificate	NL0013147481	TOMTO7.2218L OPENB	EUR	1,0050	1,1550	0,9550	11125,3800	6	1,0850	10553				
Certificate	DE000CJ3QMM6	TOMTO7.528TL OPENZ	EUR	0,5000	0,6100	0,4600	5002,0000	8	0,5550	9600				
Certificate	NL0013158959	TOMTO7.7228L OPENB	EUR	0,5050	0,5850	0,5050			0,5850					
Certificate	DE000CJ3QQH7	TOMTO7.873TL OPENZ	EUR											
Certificate	DE000CJ3NUN4	TOMTO8.641TS OPENZ	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CJ3NUP9	TOMTO9.241TS OPENZ	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	NL0012983696	TOMTO9.669BS OPENB	EUR	1,9950	1,9950	1,8850			1,8850					
Certificate	DE000CV8A575	TOMTO9.835TS OPENZ	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	NL0006527202	TOTAL 8TL OPENB	EUR	40,5500	40,5500	40,5500			40,5500					
Certificate	DE000CX0JQQ1	TOTAL 30TL OPENC	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000CX0K0435	TOTAL 32TL OPENC	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0011722285	TOTAL 32TL OPENH	EUR	17,9800	18,1100	17,9800			18,1100					
Certificate	DE000CC5KFK9	TOTAL 35TL OPENC	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	DE000CW42R19	TOTAL 35TL OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CX00PM6	TOTAL 36TL OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CX00PF0	TOTAL 36TL OPENC	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CX00EU3	TOTAL 38TL OPENC	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CX00FT2	TOTAL 38TL OPENC	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CY50GE5	TOTAL 40TL OPENC	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CX59AM4	TOTAL 40TL OPENC	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0006468068	TOTAL 11.5TL OPENB	EUR	37,3000	37,3000	37,3000			37,3000					
Certificate	NL0006469330	TOTAL 15.1TL OPENB	EUR	33,9300	33,9300	33,9300			33,9300					
Certificate	NL0010117628	TOTAL 18.2TL OPENB	EUR	31,0700	31,0700	31,0700			31,0700					
Certificate	NL0010127619	TOTAL 21.5TL OPENB	EUR	27,9900	27,9900	27,9900			27,9900					
Certificate	NL0010131835	TOTAL 25.2TL OPENB	EUR	24,5700	24,5700	24,5700			24,5700					
Certificate	NL0010514758	TOTAL 28.9TL OPENB	EUR	21,0900	21,0900	21,0900			21,0900					
Certificate	NL0010889903	TOTAL 28.9TL OPENB	EUR	20,7800	21,1000	20,7800			21,1000					
Certificate	NL0011649678	TOTAL 31.6TL OPENB	EUR	18,2600	18,5800	18,2600			18,5800					
Certificate	NL0011722277	TOTAL 34.1TL OPENH	EUR	16,0400	16,1600	16,0400			16,1600					
Certificate	NL0011800115	TOTAL 34.2TL OPENB	EUR	15,8200	16,1400	15,8200			16,1400					
Certificate	NL0011722269	TOTAL 35.1TL OPENH	EUR	15,0600	15,1900	15,0600			15,1900					
Certificate	NL0011975545	TOTAL 36.1TL OPENH	EUR	14,1300	14,2600	14,1300			14,2600					
Certificate	NL0012019368	TOTAL 36.9TL OPENB	EUR	13,3900	13,7100	13,3900			13,7100					
Certificate	NL0011979877	TOTAL 38.2TL OPENH	EUR	12,1700	12,3000	12,1700			12,3000					
Certificate	NL0011997382	TOTAL 39.3TL OPENH	EUR	11,2100	11,3300	11,2100			11,3300					
Certificate	NL0012038038	TOTAL 39.4TL OPENB	EUR	11,0000	11,3200	11,0000			11,3200					
Certificate	NL0012049993	TOTAL 40.3TL OPENH	EUR	10,2700	10,4000	10,2700			10,4000					
Certificate	NL0012520811	TOTAL 41.4TL OPENH	EUR	9,2400	9,3600	9,2400			9,3600					
Certificate	NL0012579577	TOTAL 43.3TL OPENH	EUR	7,4500	7,5800	7,4500			7,5800					
Certificate	NL0012594766	TOTAL 44.4TL OPENH	EUR	6,4600	6,5900	6,4600			6,5900					
Certificate	NL0012602908	TOTAL 45.4TL OPENH	EUR	5,5000	5,6300	5,5000			5,6300					
Certificate	NL0012603724	TOTAL 46.4TL OPENH	EUR	4,5700	5,0400	4,5700	261,0000	2	4,7000	52				
Certificate	NL0012605661	TOTAL 47.4TL OPENH	EUR											
Certificate	NL0013188907	TOTAL 50.8TS OPENH	EUR	7,2800	7,3100	7,2800			7,3100					
Certificate	NL0013128549	TOTAL 53.8TS OPENH	EUR	10,6000	10,6300	10,6000			10,6300					
Certificate	NL0013085442	TOTAL 55.8TS OPENH	EUR	12,7100	12,7400	12,7100			12,7400					
Certificate	NL0012905269	TOTAL 57.8TS OPENH	EUR	14,8700	14,9000	14,8700			14,9000					
Certificate	NL0012608186	TOTAL 61.8TS OPENH	EUR	19,2200	19,2500	19,2200			19,2500					
Certificate	NL0012903934	TOTAL 71.2TS OPENH	EUR	29,3800	29,4100	29,3800			29,4100					
Certificate	DE000CM4ACY9	TOTAL22.31TL OPENZ	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	DE000CN6JUB4	TOTAL34.55TL OPENZ	EUR	13,1900	13,1900	13,1900			13,1900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CC3ZA86	TOTAL35.16TL OPENC	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000CD61TM2	TOTAL38.51TL OPENZ	EUR	9,2400	9,2400	9,2400			9,2400					
Certificate	DE000CV87M86	TOTAL43.48TL OPENZ	EUR	4,3150	4,3150	4,3050			4,3050					
Certificate	NL0012700140	TOYOT 146.BS OPENB	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	DE000CJ3PS88	TOYOT 4468TL OPENZ	EUR	1,9750	2,0450	1,9750			2,0450					
Certificate	DE000CV8ASW9	TOYOT 5268TL OPENZ	EUR	1,3950	1,4550	1,3950			1,4550					
Certificate	DE000CV8ASK7	TOYOT 6329TL OPENZ	EUR	0,6150	0,6750	0,6150			0,6750					
Certificate	NL0012988885	TOYOT101.98L OPENB	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0012771067	TOYOT109.28L OPENB	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	NL0013158074	TOYOT116.78L OPENB	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012973861	TOYOT133.58S OPENB	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0013010598	TOYOT94.25BL OPENB	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000CJ3NQV5	TRIPA33.98TL OPENZ	EUR	2,3950	2,4950	2,3950			2,4950					
Certificate	DE000CV8AFA2	TRIPA41.05TL OPENZ	EUR	1,7750	1,8750	1,7750			1,8750					
Certificate	DE000CJ3PY93	TRIPA49.03TL OPENZ	EUR	1,0750	1,1750	1,0750			1,1750					
Certificate	DE000CJ3QRE2	TRIPA59.01TL OPENZ	EUR	0,2250	0,3050	0,2250			0,3050					
Certificate	DE000CV8B656	TUI A10.56TL OPENZ	EUR	0,3600	0,3650	0,3600			0,3650					
Certificate	DE000CJ3QGN6	TUI A11.56TL OPENZ	EUR	0,1700	0,2100	0,1700	1470,0000	1	0,1750	7000				
Certificate	DE000CV4YXZ1	TUI A12.55TL OPENZ	EUR											
Certificate	DE000CJ3QNY9	TUI A8.063TL OPENZ	EUR	0,8600	0,8650	0,8600			0,8650					
Certificate	DE000CJ3QS33	TUI A9.554TL OPENZ	EUR	0,5600	0,5650	0,5600			0,5650					
Certificate	NL0000458198	TURKUE CT OPENN	EUR	15,0000	15,0000	15,0000			15,0000					
Certificate	NL0009176114	TURKT 557TL OPENB	EUR	6,4050	6,4050	6,4050			6,4050					
Certificate	NL0009176833	TURKT 654TL OPENB	EUR	4,8850	4,8850	4,8850			4,8850					
Certificate	NL0010047163	TURKT 773TL OPENB	EUR	3,0350	3,0350	3,0350			3,0350					
Certificate	DE000CJ3QEH3	TWI 0.97TL OPENZ	EUR	0,4150	0,4350	0,4150			0,4350					
Certificate	DE000CJ3PES2	TWI 1.12TL OPENZ	EUR	0,2550	0,2750	0,2550			0,2750					
Certificate	DE000CJ3QTX8	TWI 1.27TL OPENZ	EUR	0,0850	0,1050	0,0850			0,1050					
Certificate	DE000CX01NU2	TWTR 10TL OPENC	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CX593U2	TWTR 16TL OPENC	EUR											
Certificate	DE000CY51L78	TWTR 17TL OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CP06UW8	TWTR 20TL OPENC	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	DE000CQ5BW29	TWTR 20TL OPENC	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CY52AN5	TWTR 20TL OPENC	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	DE000CQ5AG79	TWTR 22TL OPENC	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	DE000CJ3NXW9	TWTR 24TL 1218Z	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	DE000CP23383	TWTR 24TL OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CQ5A6A8	TWTR 24TL OPENC	EUR	0,8700	0,8700	0,8700	870,0000	1	0,8700	1000				
Certificate	DE000CX0JT01	TWTR 24TS OPENC	EUR											
Certificate	DE000CJ3QAD0	TWTR 25TL 0319Z	EUR	1,5550	1,8150	1,5550			1,8150					
Certificate	DE000CY16XR3	TWTR 25TS OPENC	EUR											
Certificate	DE000CQ5A6B6	TWTR 26TL OPENC	EUR											
Certificate	DE000CP06UX6	TWTR 26TL OPENC	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CJ3QFR9	TWTR 27TL 0319Z	EUR	1,2050	1,4650	1,2050			1,4650					
Certificate	DE000CJ3PBF5	TWTR 27TL 1218Z	EUR	1,1850	1,4450	1,1850			1,4450					
Certificate	DE000CY52Y29	TWTR 28TL OPENC	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CJ3P5Y0	TWTR 29TL 0319Z	EUR	0,8550	1,1150	0,8550			1,1150					
Certificate	DE000CP23PD3	TWTR 30TL OPENC	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000CP23RC1	TWTR 30TL OPENC	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CY52Z14	TWTR 32TL OPENC	EUR											
Certificate	DE000CQ5AJA7	TWTR 34TS OPENC	EUR											
Certificate	DE000CP23391	TWTR 34TS OPENC	EUR											
Certificate	DE000CP23PE1	TWTR 34TS OPENC	EUR											
Certificate	DE000CP236B8	TWTR 35TS OPENC	EUR											
Certificate	DE000CP067G6	TWTR 36TS OPENC	EUR	0,1000	0,1000	0,1000			0,1000					
Certificate	DE000CQ5BU70	TWTR 38TS OPENC	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000CQ5BW37	TWTR 40TS OPENC	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CP061D6	TWTR 40TS OPENC	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000CP061E4	TWTR 42TS OPENC	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CJ3NSU3	TWTR 17.3TL OPENZ	EUR	2,8550	3,1250	2,8550			3,1250					
Certificate	DE000CJ3N78	TWTR 22.5TL 1218Z	EUR	1,9650	2,2250	1,9650			2,2250					
Certificate	DE000CJ3N86	TWTR 25.5TL 1218Z	EUR	1,4350	1,7050	1,4350			1,7050					
Certificate	NL0012778096	TWTR 29.5TS OPENB	EUR											
Certificate	DE000CJ3QSA8	TWTR 31.4TL OPENZ	EUR											
Certificate	NL0013165525	TWTR 33.9TS OPENB	EUR											
Certificate	NL0013162761	TWTR 33.9TS OPENB	EUR											
Certificate	NL0013152333	TWTR 34.78S OPENB	EUR	1,4300	1,4750	1,4300	2759,9000	1	1,4750	1930				
Certificate	NL0013149289	TWTR 35.4TS OPENB	EUR											
Certificate	NL0013146145	TWTR 36.9TS OPENB	EUR	7,5950	7,5950	7,5950			7,5950					
Certificate	NL0013146152	TWTR 38.4TS OPENB	EUR	9,1450	9,1450	9,1450			9,1450					
Certificate	NL0013147572	TWTR 38.78S OPENB	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	NL0012971105	TWTR 44.4TS 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	NL0012971980	TWTR 48.9TS OPENB	EUR	20,1050	20,1050	20,1050			20,1050					
Certificate	NL0011645981	TWTR 12.16BL OPENB	EUR	20,5900	20,5900	20,5900			20,5900					
Certificate	DE000CV8AHT8	TWTR 20.84TL OPENZ	EUR	2,2250	2,4950	2,2250				2,4950				
Certificate	DE000CJ3NSQ8	TWTR 22.89TL OPENZ	EUR	1,8750	2,1350	1,8750				2,1350				
Certificate	DE000CJ3NSV1	TWTR 24.41TL OPENZ	EUR	1,6050	1,8650	1,6050				1,8650				
Certificate	DE000CV8A9G6	TWTR 25.93TL OPENZ	EUR	1,3350	1,6050	1,3350				1,6050				
Certificate	DE000CJ3PBN9	TWTR 27.42TL OPENZ	EUR	1,0750	1,3350	1,0750				1,3350				
Certificate	NL0012780548	TWTR 29.01BS OPENB	EUR											
Certificate	DE000CJ3PMM8	TWTR 29.42TL OPENZ	EUR	0,7350	0,9950	0,7350				0,9950				
Certificate	DE000CJ3QYM1	TWTR 31.42TL OPENZ	EUR	0,3950	0,6450	0,3950				0,6450				
Certificate	DE000CJ3QA58	TWTR 35.89TS OPENZ	EUR	0,4750	0,4750	0,1400	2127,0000	9	0,2450	12700				
Certificate	NL0013017775	TWTR 36.71BS OPENB	EUR	2,2050	2,2050	2,2050				2,2050				
Certificate	DE000CV8AG76	TWTR 39.89TS OPENZ	EUR	1,1650	1,1650	0,9250				0,9250				
Certificate	DE000CV8B5C2	TWTR 44.92TS OPENZ	EUR	2,0450	2,0450	1,8050				1,8050				
Certificate	NL0012971386	TWTR 48.69BS OPENB	EUR	12,7950	12,7950	12,7950				12,7950				
Certificate	NL0013165533	UBS 13TS OPENB	EUR	1,5600	1,5600	1,4300				1,4300				
Certificate	NL0013003494	UBS 16TS OPENB	EUR	4,4500	4,4500	4,3200				4,3200				
Certificate	NL0009864065	UBS 5.4TL OPENB	EUR	6,5100	6,5100	6,5100				6,5100				
Certificate	NL0011906805	UBS 10.9TL OPENB	EUR	1,9300	2,0600	1,9300				2,0600				
Certificate	NL0013011760	UBS 11.6TL OPENB	EUR	1,4200	1,5600	1,4200				1,5600				
Certificate	NL0013011778	UBS 12.2TL OPENB	EUR											
Certificate	NL0013011786	UBS 12.9TL OPENB	EUR											
Certificate	NL0013152861	UBS 14.4TS OPENB	EUR	2,9600	2,9600	2,8300				2,8300				
Certificate	NL0012683494	UBS 17.7TS OPENB	EUR	6,1300	6,1300	6,0000				6,0000				
Certificate	DE000CN6J877	UBS 10.99TL OPENZ	EUR	0,2350	0,2350	0,2250				0,2250				
Certificate	DE000CD63724	UBS 12.47TL OPENZ	EUR											
Certificate	DE000CD61YX9	UBS 9.487TL OPENZ	EUR	0,5050	0,5050	0,4950				0,4950				
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 8.77TL OPENB	EUR	68,5250	68,6550	68,5250				68,6550				
Certificate	NL0009177765	UCB S 17.5TL OPENB	EUR	60,3650	60,4950	60,3650				60,4950				
Certificate	NL0009679273	UCB S 20.8TL OPENB	EUR	57,3050	57,4350	57,3050				57,4350				
Certificate	NL0010763900	UCB S 49.7TL OPENB	EUR	30,3550	30,4850	30,3550				30,4850				
Certificate	NL0012040141	UCB S 52.2TL OPENB	EUR	28,0950	28,2150	28,0950				28,2150				
Certificate	NL0012040158	UCB S 54.7TL OPENB	EUR	25,7050	25,8250	25,7050				25,8250				
Certificate	NL0012785943	UCB S 59.8TL OPENB	EUR	21,0250	21,1450	21,0250				21,1450				
Certificate	NL0013008782	UCB S 65.5BL OPENB	EUR	1,2050	1,2150	1,2050				1,2150				
Certificate	NL0013017130	UCB S 67.3TL OPENB	EUR	14,0050	14,1250	14,0050				14,1250				
Certificate	NL0013146046	UCB S 69.8TL OPENB	EUR	11,6950	11,8150	11,6950				11,8150				
Certificate	NL0013160716	UCB S 72.3TL OPENB	EUR	9,3650	9,4850	9,3650				9,4850				
Certificate	NL0012999718	UCB S 80.5TS OPENB	EUR	10,4150	10,4150	10,2750				10,2750				
Certificate	NL0012988257	UCB S 85.6TS OPENB	EUR	15,8650	15,8650	15,7250				15,7250				
Certificate	NL0012997555	UCB S 90.7TS OPENB	EUR	21,3450	21,3450	21,2050				21,2050				
Certificate	DE000CV8AGR4	UCB S 95.8TS OPENZ	EUR	3,8150	3,8950	3,8150				3,8950				
Certificate	DE000CD64220	UCB S46.03TL OPENZ	EUR	6,2100	6,2100	6,1300				6,1300				
Certificate	DE000CR1K6D2	UCB S52.02TL OPENZ	EUR	2,5050	2,5050	2,4650				2,4650				
Certificate	DE000CE6EA01	UCB S55.99TL OPENZ	EUR	4,2250	4,2250	4,1450				4,1450				
Certificate	DE000CE6F5N3	UCB S59.97TL OPENZ	EUR	3,4350	3,4350	3,3450				3,3450				
Certificate	NL0013018823	UCB S62.49BL OPENB	EUR	1,5050	1,5150	1,5050				1,5150				
Certificate	DE000CV898P7	UCB S64.95TL OPENZ	EUR	2,4350	2,4350	2,3550				2,3550				
Certificate	NL0012995476	UCB S68.51BL OPENB	EUR	0,9050	0,9150	0,9050				0,9150				
Certificate	DE000CJ3PQ85	UCB S69.95TL OPENZ	EUR	1,4450	1,4450	1,3650				1,3650				
Certificate	NL0013147499	UCB S71.51BL OPENB	EUR	0,6050	0,6150	0,6050				0,6150				
Certificate	NL0013158124	UCB S76.21BS OPENB	EUR											
Certificate	NL0012993133	UCB S81.19BS OPENB	EUR	0,5550	0,5550	0,5350				0,5350				
Certificate	DE000CV89C45	UCB S85.81TS OPENZ	EUR	1,8250	1,9050	1,8250				1,9050				
Certificate	NL0012993141	UCB S86.15BS OPENB	EUR	1,0450	1,0450	1,0350				1,0350				
Certificate	NL0012271449	UMICO 29TL OPENB	EUR	17,3800	18,5800	17,3800				18,5800				
Certificate	NL0012494124	UMICO 32TL OPENB	EUR	11,8600	13,0600	11,8600				13,0600				
Certificate	NL0012796692	UMICO 518OC919Z	EUR											
Certificate	NL0009521756	UMICO 9.3TL OPENB	EUR	53,1400	54,4200	53,1400				54,4200				
Certificate	NL0009998699	UMICO 11.2TL OPENB	EUR	49,7400	51,0200	49,7400				51,0200				
Certificate	NL0011652474	UMICO 17.7TL OPENB	EUR	37,9200	39,1200	37,9200				39,1200				
Certificate	NL0011806062	UMICO 19.8TL OPENB	EUR	34,1200	35,3200	34,1200				35,3200				
Certificate	NL0011906813	UMICO 22.1TL OPENB	EUR	29,9000	31,1000	29,9000				31,1000				
Certificate	NL0012112551	UMICO 22.9TL OPENB	EUR	28,4800	29,6800	28,4800				29,6800				
Certificate	NL0012118350	UMICO 23.7TL OPENB	EUR	27,0400	28,2400	27,0400				28,2400				



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	NL0012261259	UMICO 25.2TL OPENB	EUR	24,2800	25,4900	23,1300	236474,9000	11	25,4800	10010				
Certificate	NL0012581615	UMICO 29.7TL OPENH	EUR	0,8100	0,8700	0,8100			0,8700					
Certificate	NL0012499032	UMICO 33.6TL OPENB	EUR	9,0400	10,2400	9,0400	1007,0000	1	10,2400	100				
Certificate	NL0013160724	UMICO 36.6TL OPENB	EUR											
Certificate	NL0013162729	UMICO 37.7TS OPENB	EUR	6,9200	6,9200	6,2400			6,2400					
Certificate	NL0013110729	UMICO 42.3BOC0919Z	EUR	35,4700	35,4700	35,4700			35,4700					
Certificate	NL0013155054	UMICO 42.7TS OPENB	EUR	12,4300	12,4300	11,7500	4443,7500	1	11,7500	375				
Certificate	NL0013005663	UMICO 47.7TS OPENB	EUR	18,0500	18,0500	17,3700			17,3700					
Certificate	NL0012986459	UMICO 52.7TS OPENB	EUR	23,5200	23,5200	22,8400			22,8400					
Certificate	NL0012791289	UMICO 57.6TS OPENB	EUR	29,0500	29,0500	28,3700			28,3700					
Certificate	DE000CN6KGK2	UMICO20.35TL OPENZ	EUR	28,8300	28,8300	28,8300			28,8300					
Certificate	DE000CN6L129	UMICO21.95TL OPENZ	EUR	25,6600	25,6600	25,6600			25,6600					
Certificate	DE000CE6CKM8	UMICO26.69TL OPENZ	EUR	3,2450	3,2450	3,2450			3,2450					
Certificate	NL0012600498	UMICO27.65TL OPENH	EUR	0,9900	1,0500	0,9900			1,0500					
Certificate	DE000CE6CUH7	UMICO29.24TL OPENZ	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	NL0013164049	UMICO29.298L OPENB	EUR	1,3050	1,4250	1,3050			1,4250					
Certificate	NL0013158082	UMICO31.288L OPENB	EUR	0,9050	1,0250	0,9050			1,0250					
Certificate	NL0012581300	UMICO31.73TL OPENH	EUR	0,6200	0,6800	0,6200			0,6800					
Certificate	DE000CE6ERS1	UMICO32.23TL OPENZ	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	NL0013016538	UMICO33.298L OPENB	EUR	0,5050	0,6250	0,5050			0,6250					
Certificate	NL0012581292	UMICO33.76TL OPENH	EUR	0,4400	0,5000	0,4400			0,5000					
Certificate	NL0013008790	UMICO35.288L OPENB	EUR											
Certificate	DE000C3QN26	UMICO35.71TL OPENZ	EUR											
Certificate	NL0013164155	UMICO38.548S OPENB	EUR	0,8650	0,8650	0,7350			0,7350					
Certificate	NL0013153067	UMICO42.538S OPENB	EUR	1,6650	1,6650	1,5350			1,5350					
Certificate	NL0013006315	UMICO46.538S OPENB	EUR	2,4650	2,4650	2,3350			2,3350					
Certificate	NL0012993166	UMICO54.468S OPENB	EUR	4,0550	4,0550	3,9150			3,9150					
Certificate	NL0012795975	UNILV LEVOPENZ	EUR	52,0300	54,2300	52,0300			54,2300					
Certificate	NL0012796015	UNILV SHROPENZ	EUR	41,0600	41,0600	39,2600			39,2600					
Certificate	NL0009937184	UNILV 15TL OPENB	EUR	35,2800	35,2800	35,2800			35,2800					
Certificate	NL0011044912	UNILV 28TL OPENH	EUR	22,6100	23,2200	22,6100			23,2200					
Certificate	NL0010919924	UNILV 29TL OPENB	EUR	21,6300	22,2100	21,6300			22,2100					
Certificate	DE000CX00476	UNILV 32TL OPENC	EUR	21,3500	21,3500	21,3500			21,3500					
Certificate	NL0011591599	UNILV 32TL OPENH	EUR	18,8700	19,4800	18,8700			19,4800					
Certificate	DE000CC60219	UNILV 33TL OPENC	EUR	19,5700	19,5700	19,5700			19,5700					
Certificate	DE000CW42AF6	UNILV 35TL OPENC	EUR	18,5800	18,5800	18,5800			18,5800					
Certificate	DE000CW42RF0	UNILV 35TL OPENC	EUR	18,7800	18,7800	18,7800			18,7800					
Certificate	DE000CW42VU1	UNILV 36TL OPENC	EUR	16,0600	16,0600	16,0600			16,0600					
Certificate	DE000CW42WU9	UNILV 36TL OPENC	EUR	17,8100	17,8100	17,8100			17,8100					
Certificate	DE000CV8ABV7	UNILV 37TL 1218Z	EUR	2,4000	2,4900	2,4000			2,4900					
Certificate	DE000C3N7N1	UNILV 40TL 1218Z	EUR	1,8000	1,8900	1,8000			1,8900					
Certificate	DE000CY16AZ4	UNILV 40TL OPENC	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	DE000CY16CD7	UNILV 40TL OPENC	EUR	12,8700	12,8700	12,8700			12,8700					
Certificate	DE000VA71UD4	UNILV 41TL 0319V	EUR	7,8650	7,8650	7,8650			7,8650					
Certificate	DE000VA7PWY9	UNILV 42TL 0319V	EUR	6,8750	6,8750	6,8750			6,8750					
Certificate	DE000CP06XH3	UNILV 42TL OPENC	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	DE000CP07AK3	UNILV 42TL OPENC	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	DE000VA7PTL2	UNILV 43TL 0319V	EUR	5,8950	5,8950	5,8950			5,8950					
Certificate	DE000VA320C4	UNILV 43TL 1218V	EUR	6,2050	6,2050	6,2050			6,2050					
Certificate	DE000CV8ABW5	UNILV 43TL 1218Z	EUR	1,2100	1,2900	1,2100			1,2900					
Certificate	DE000VA7PTM0	UNILV 44TL 0319V	EUR	4,9750	4,9750	4,9750			4,9750					
Certificate	DE000VA320D2	UNILV 44TL 1218V	EUR	5,2150	5,2150	5,2150			5,2150					
Certificate	DE000CP06XJ9	UNILV 44TL OPENC	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	DE000CP07AL1	UNILV 44TL OPENC	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	DE000VA7PTN8	UNILV 45TL 0319V	EUR	4,0950	4,0950	4,0950			4,0950					
Certificate	DE000VA320E0	UNILV 45TL 1218V	EUR	4,2950	4,2950	4,2950			4,2950					
Certificate	DE000CQ5B3L1	UNILV 45TL OPENC	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	DE000CQ5AX37	UNILV 45TL OPENC	EUR	4,6000	4,9200	4,6000	1177,0800	2	4,6200	249				
Certificate	DE000VA8FS55	UNILV 46TL 0319V	EUR	3,2250	3,2250	3,2250			3,2250					
Certificate	DE000VA8FS48	UNILV 46TL 1218V	EUR	3,3750	3,3750	3,3750			3,3750					
Certificate	DE000CP235B0	UNILV 46TL OPENC	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	DE000CQ5B2H6	UNILV 46TL OPENC	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	LU1876932762	UNILV 47TCIOPEN5	EUR	1,8200	2,5400	1,8200	1982,4200	9	2,4200	918				
Certificate	DE000VA9CXG8	UNILV 47TL 0319V	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	LU1876932846	UNILV 48TCIOPEN5	EUR											
Certificate	DE000VA9C2H0	UNILV 48TL 0319V	EUR											
Certificate	DE000CP235C8	UNILV 48TL OPENC	EUR											
Certificate	NL0012648877	UNILV 50BON0619Z	EUR	50,3050	50,5750	50,3050			50,5750					
Certificate	DE000VA7PTG2	UNILV 50TS 0319V	EUR	1,6650	1,6650	1,6650			1,6650					
Certificate	DE000VA6D5N3	UNILV 50TS 1218V	EUR	1,5250	1,5250	1,5250			1,5250					
Certificate	DE000CP23QY7	UNILV 50TS OPENC	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CQ5BZJ2	UNILV 50TS OPENC	EUR	1,3400	1,3400	1,3400			1,3400					



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	DE000VA7PTH0	UNILV 51TS 0319V	EUR	2,6750	2,6750	2,6750			2,6750					
Certificate	DE000VA320J9	UNILV 51TS 1218V	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	DE000VA7PTJ6	UNILV 52TS 0319V	EUR	3,6650	3,6650	3,6650			3,6650					
Certificate	DE000VA320K7	UNILV 52TS 1218V	EUR	3,3650	3,3650	3,3650			3,3650					
Certificate	DE000CP238K5	UNILV 52TS OPENC	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0012648356	UNILV 53BOC0619Z	EUR	51,9400	52,1150	51,9400			52,1150					
Certificate	LU1876939262	UNILV 53TPIOPENS	EUR	4,5900	4,5900	4,0000			4,0000					
Certificate	DE000VA7PTK4	UNILV 53TS 0319V	EUR	4,6350	4,6350	4,6350			4,6350					
Certificate	DE000VA320L5	UNILV 53TS 1218V	EUR	4,2850	4,2850	4,2850			4,2850					
Certificate	LU1876939429	UNILV 54TPIOPENS	EUR	5,5800	5,5800	4,9900			4,9900					
Certificate	DE000CP235D6	UNILV 54TS OPENC	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	LU1876939775	UNILV 55TPIOPENS	EUR	6,5700	6,5700	5,9800			5,9800					
Certificate	DE000VASEL23	UNILV 55TS 1218V	EUR	6,1950	6,1950	6,1950			6,1950					
Certificate	DE000CQ580R4	UNILV 55TS OPENC	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	DE000CY50396	UNILV 55TS OPENC	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	DE000CP067Y9	UNILV 55TS OPENC	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	DE000CY165F8	UNILV 55TS OPENC	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	LU1876939932	UNILV 56TPIOPENS	EUR	7,5600	7,5600	6,9800			6,9800					
Certificate	LU1876940278	UNILV 58TPIOPENS	EUR	9,5500	9,5500	8,9600			8,9600					
Certificate	DE000CQ5AHT1	UNILV 60TS OPENC	EUR	9,5300	9,5300	9,5300			9,5300					
Certificate	DE000CY16H29	UNILV 60TS OPENC	EUR	9,4100	9,4100	9,4100			9,4100					
Certificate	DE000CQ58HR3	UNILV 60TS OPENC	EUR	12,3900	12,3900	12,3900			12,3900					
Certificate	DE000CY16G66	UNILV 60TS OPENC	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0009258631	UNILV 11.6TL OPENB	EUR	38,4200	38,4200	38,4200			38,4200					
Certificate	NL0010012126	UNILV 17.9TL OPENB	EUR	32,5700	32,5700	32,5700			32,5700					
Certificate	NL0010174850	UNILV 19.2TL OPENB	EUR	31,3800	31,3800	31,3800			31,3800					
Certificate	NL0011044946	UNILV 21.6TL OPENH	EUR	28,5600	29,1700	28,5600			29,1700					
Certificate	NL0010875399	UNILV 23.1TL OPENB	EUR	27,1300	27,7100	27,1300			27,7100					
Certificate	NL0010899266	UNILV 26.4TL OPENB	EUR	24,1000	24,6800	24,1000			24,6800					
Certificate	NL0011044904	UNILV 30.1TL OPENH	EUR	20,6200	21,2400	20,6200			21,2400					
Certificate	NL0011436274	UNILV 31.6TL OPENB	EUR	19,1900	19,7700	19,1900			19,7700					
Certificate	NL0011591581	UNILV 33.1TL OPENH	EUR	17,8900	18,5100	17,8900			18,5100					
Certificate	NL0011423298	UNILV 34.1TL OPENH	EUR	16,9600	17,5700	16,9600			17,5700					
Certificate	NL0012036073	UNILV 34.3TL OPENB	EUR	16,7500	17,3300	16,7500			17,3300					
Certificate	LU1841031179	UNILV 36.3TIOPEENS	EUR	12,6900	13,2900	12,6900			13,2900					
Certificate	NL0012112320	UNILV 36.8TL OPENB	EUR	14,3400	14,9200	14,3400			14,9200					
Certificate	DE000VN6ZDV1	UNILV 37.9TL OPENV	EUR	12,4350	12,4350	12,4350			12,4350					
Certificate	DE000VN6ZDX7	UNILV 38.9TL OPENV	EUR	11,4050	11,4050	11,4050			11,4050					
Certificate	NL0012112569	UNILV 39.4TL OPENB	EUR											
Certificate	DE000VN6ZD22	UNILV 39.9TL OPENV	EUR	10,3750	10,3750	10,3750			10,3750					
Certificate	NL0013182058	UNILV 40.1TL OPENH	EUR	11,3800	11,9900	11,3800			11,9900					
Certificate	DE000VN6ZD12	UNILV 40.9TL OPENV	EUR	9,3450	9,3450	9,3450			9,3450					
Certificate	NL001277940	UNILV 41.9TL OPENB	EUR	9,5900	10,1700	9,5900			10,1700					
Certificate	DE000VN6ZD20	UNILV 41.9TL OPENV	EUR	8,3150	8,3150	8,3150			8,3150					
Certificate	NL0013182041	UNILV 42.1TL OPENH	EUR	9,5100	10,1300	9,5100			10,1300					
Certificate	DE000VL8XHA9	UNILV 42.4TL OPENV	EUR	7,3050	7,3050	7,3050			7,3050					
Certificate	NL0013182033	UNILV 43.1TL OPENH	EUR	8,5800	9,2000	8,5800			9,2000					
Certificate	NL0013182025	UNILV 44.1TL OPENH	EUR	7,6500	8,3200	7,6500			8,3200					
Certificate	NL0012785968	UNILV 44.5TL OPENB	EUR	7,2200	7,8000	7,2200			7,8000					
Certificate	NL0013182017	UNILV 45.1TL OPENH	EUR	6,7200	7,3900	6,7200			7,3900					
Certificate	NL0013182009	UNILV 46.1TL OPENH	EUR	5,7900	6,4500	5,7900			6,4500					
Certificate	NL0013152614	UNILV 47.1TL OPENB	EUR	4,8300	5,4100	4,8300			5,4100					
Certificate	NL0013181993	UNILV 47.1TL OPENH	EUR	4,8600	5,5200	4,8600			5,5200					
Certificate	DE000VA9C167	UNILV 47.9TL OPENV	EUR											
Certificate	NL0013181985	UNILV 48.1TL OPENH	EUR											
Certificate	NL0011044839	UNILV 50.1TS OPENH	EUR	5,6600	5,6600	5,2500	2750,0000	1	5,2500	500				
Certificate	NL0013148851	UNILV 51.1BOC1219B	EUR	48,1900	48,5400	48,1900			48,5400					
Certificate	NL0012112411	UNILV 52.4TS OPENB	EUR	8,0500	8,0500	7,4500			7,4500					
Certificate	NL0013181969	UNILV 52.9TS OPENH	EUR	8,6400	8,6400	8,2300			8,2300					
Certificate	NL0013181951	UNILV 53.9TS OPENH	EUR	9,7200	9,7200	9,3100			9,3100					
Certificate	NL0013181944	UNILV 54.9TS OPENH	EUR	10,8000	10,8000	10,3900			10,3900					
Certificate	NL0011423231	UNILV 55.7TS OPENH	EUR	11,7200	11,7200	11,2700			11,2700					
Certificate	NL0012774459	UNILV 57.4TS OPENB	EUR	13,4400	13,4400	12,8400			12,8400					
Certificate	NL0011423223	UNILV 58.5TS OPENH	EUR	14,7300	14,7300	14,2800			14,2800					
Certificate	NL0013181936	UNILV 58.9TS OPENH	EUR	15,1100	15,1100	14,6600			14,6600					
Certificate	NL0012792253	UNILV 60.8BS OPENB	EUR	12,5200	12,5200	11,9200			11,9200					
Certificate	NL0012982581	UNILV 62.4TS OPENB	EUR	18,7600	18,7600	18,1600			18,1600					
Certificate	NL0013181928	UNILV 63.9TS OPENH	EUR	20,5100	20,5100	20,0600			20,0600					
Certificate	NL0013181910	UNILV 66.9TS OPENH	EUR	23,7500	23,7500	23,2900			23,2900					
Certificate	NL0013181902	UNILV 69.9TS OPENH	EUR	26,9900	26,9900	26,5300			26,5300					
Certificate	NL0013181894	UNILV 72.9TS OPENH	EUR	30,2200	30,2200	29,7700			29,7700					
Certificate	NL0013181886	UNILV 75.9TS OPENH	EUR	33,4600	33,4600	33,0100			33,0100					



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
Certificate	NL0013181878	UNILV 78.9TS OPENH	EUR	36,7000	36,7000	36,2400			36,2400					
Certificate	DE000C20HND8	UNILV27.41TL OPENZ	EUR	21,3900	21,8000	21,3900			21,8000					
Certificate	DE000CF80ZW3	UNILV27.67TL OPENC	EUR	25,1000	25,1000	25,1000			25,1000					
Certificate	DE000CC3ZV9	UNILV28.81TL OPENC	EUR	23,9100	23,9100	23,9100			23,9100					
Certificate	DE000CR4JEN4	UNILV32.03TL OPENZ	EUR	16,7800	17,1900	16,7800			17,1900					
Certificate	NL0011442447	UNILV32.34BL OPENB	EUR	16,5700	17,1500	16,5700			17,1500					
Certificate	NL0011442454	UNILV35.06BL OPENB	EUR	13,8300	14,4100	13,8300			14,4100					
Certificate	DE000CN6EXD5	UNILV35.68TL OPENZ	EUR	13,1200	13,5400	13,1200			13,5400					
Certificate	DE000VN6Y2P3	UNILV36.11TL OPENV	EUR	14,4950	14,4950	14,4950			14,4950					
Certificate	DE000VN6Y2Q1	UNILV37.11TL OPENV	EUR	13,4650	13,4650	13,4650			13,4650					
Certificate	NL0012112452	UNILV37.68BL OPENB	EUR	11,2300	11,8100	11,2300			11,8100					
Certificate	DE000CJ3P364	UNILV37.75TL 0319Z	EUR	2,1800	2,2700	2,1800			2,2700					
Certificate	DE000CE6BP07	UNILV38.67TL OPENZ	EUR	10,1300	10,5400	10,1300			10,5400					
Certificate	NL0012684534	UNILV40.36BL OPENB	EUR	8,5500	9,1400	8,5500			9,1400					
Certificate	DE000VN6ZDP3	UNILV40.86TL OPENV	EUR											
Certificate	DE000CJ3P372	UNILV41.25TL 0319Z	EUR	1,4900	1,5700	1,4900			1,5700					
Certificate	DE000CE6BSD2	UNILV41.64TL OPENZ	EUR	7,1900	7,6000	7,1900			7,6000					
Certificate	LU1696513966	UNILV41.94TCIOPENS	EUR	7,4100	8,0000	7,4100			8,0000					
Certificate	NL0012778476	UNILV42.89BL OPENB	EUR	6,0200	6,6000	6,0200			6,6000					
Certificate	DE000VA183Q8	UNILV43.44TL OPENV	EUR	6,2950	6,2950	6,2950			6,2950					
Certificate	LU1719638774	UNILV43.68TCIOPENS	EUR	5,4800	6,0700	5,4800			6,0700					
Certificate	DE000VA183T2	UNILV44.44TL OPENV	EUR	5,2850	5,2850	5,2850			5,2850					
Certificate	DE000CJ3QAV2	UNILV44.75TL 0319Z	EUR	0,8050	0,8900	0,8050			0,8900					
Certificate	DE000CJ3PGB3	UNILV45.13TL OPENZ	EUR	0,7500	0,8300	0,7500			0,8300					
Certificate	DE000VA711J7	UNILV45.18TL OPENV	EUR	4,2850	4,2850	4,2850			4,2850					
Certificate	NL0013014350	UNILV45.45BL OPENB	EUR	3,4500	4,0400	3,4500	18662,8000	2		4,0400	5160			
Certificate	LU1841153445	UNILV45.72TCIOPENS	EUR	3,3200	3,9200	3,3200			3,9200					
Certificate	DE000VA8FST6	UNILV46.18TL OPENV	EUR	3,0200	3,2850	3,0200	39,2600	1	3,2850		13			
Certificate	DE000VA9CUX9	UNILV46.88TL OPENV	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	LU1817099523	UNILV51.03TPIOPIENS	EUR	1,9300	1,9300	1,3400			1,3400					
Certificate	NL0012112692	UNILV51.15BS OPENB	EUR	2,8700	2,8700	2,1600	6510,0000	1	2,2700	3000				
Certificate	DE000CE6CSJ7	UNILV52.71TS OPENZ	EUR	0,8300	0,8300	0,7300	197,0000	4	0,7400	250				
Certificate	LU1756907785	UNILV53.21TPIOPIENS	EUR	3,2900	3,2900	2,7100			2,7100					
Certificate	NL0012494660	UNILV53.25BOCI218B	EUR	53,1200	53,1200	53,1200			53,1200					
Certificate	DE000VN66T32	UNILV54.21TS OPENV	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	DE000VN66T40	UNILV55.21TS OPENV	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	NL0012258560	UNILV55.89BS OPENB	EUR	7,6100	7,6100	7,0100			7,0100					
Certificate	DE000VN66XU5	UNILV57.05TS OPENV	EUR	4,1850	4,1850	4,1850			4,1850					
Certificate	DE000CV888N3	UNILV57.69TS OPENZ	EUR	1,8200	1,8200	1,7300			1,7300					
Certificate	DE000VA5EL15	UNILV57.86TS OPENV	EUR	8,2250	8,2250	8,2250			8,2250					
Certificate	DE000VL2FTF3	UNILV58.49TS OPENV	EUR	6,1350	6,1350	6,1350			6,1350					
Certificate	DE000CV8AGS2	UNILV62.69TS OPENZ	EUR	2,8100	2,8100	2,7300			2,7300					
Certificate	NL0013185374	UNITA 11TL OPENH	EUR											
Certificate	NL0012914857	UNITA 15TS OPENH	EUR	5,6000	5,7600	5,6000			5,7600					
Certificate	NL0012914824	UNITA 16TS OPENH	EUR	6,6400	6,8100	6,6400			6,8100					
Certificate	NL0012914808	UNITA 17TS OPENH	EUR	7,6900	7,8500	7,6900			7,8500					
Certificate	NL0013087315	UNITA 9.1TL OPENH	EUR	2,2000	2,2000	2,1500			2,1500					
Certificate	NL0013083090	UNITA 9.6TL OPENH	EUR	1,7200	1,7200	1,6700			1,6700					
Certificate	NL0013083082	UNITA 10.1TL OPENH	EUR	1,2500	1,2500	1,2000			1,2000					
Certificate	NL0013184666	UNITA 10.5TL OPENH	EUR	0,9200	0,9200	0,8700			0,8700					
Certificate	NL0013188170	UNITA 11.3TL OPENH	EUR											
Certificate	NL0013189541	UNITA 11.8TS OPENH	EUR	2,0600	2,2200	2,0600			2,2200					
Certificate	NL0012907034	UNITA 12.6TS OPENH	EUR	3,0000	3,1700	3,0000			3,1700					
Certificate	NL0012906671	UNITA 12.8TS OPENH	EUR	3,2100	3,3700	3,2100			3,3700					
Certificate	NL0012905079	UNITA 13.7TS OPENH	EUR	4,1600	4,3200	4,1600			4,3200					
Certificate	NL0012905061	UNITA 13.9TS OPENH	EUR	4,3700	4,5400	4,3700			4,5400					
Certificate	NL0012936892	UNITA 14.2TS OPENH	EUR	4,6900	4,8500	4,6900			4,8500					
Certificate	NL0012936884	UNITA 14.5TS OPENH	EUR	5,0100	5,1700	5,0100			5,1700					
Certificate	NL0012935647	UNITA 14.7TS OPENH	EUR	5,2000	5,3600	5,2000			5,3600					
Certificate	NL0012936876	UNITA 14.9TS OPENH	EUR	5,4300	5,5900	5,4300			5,5900					
Certificate	NL0012914840	UNITA 15.3TS OPENH	EUR	5,9100	6,0700	5,9100			6,0700					
Certificate	NL0012914832	UNITA 15.5TS OPENH	EUR	6,1200	6,2800	6,1200			6,2800					
Certificate	NL0012934616	UNITA 15.8TS OPENH	EUR	6,4600	6,6200	6,4600			6,6200					
Certificate	NL0012914816	UNITA 16.5TS OPENH	EUR	7,1700	7,3300	7,1700			7,3300					
Certificate	NL0012914790	UNITA 17.5TS OPENH	EUR	8,2100	8,3800	8,2100			8,3800					
Certificate	NL0012926430	UNITA 17.9TS OPENH	EUR	8,7000	8,8600	8,7000			8,8600					
Certificate	NL0012914782	UNITA 20.4TS OPENH	EUR	11,3500	11,5200	11,3500			11,5200					
Certificate	DE000CJ3NYC9	UNITA10.17TL OPENZ	EUR	0,7950	0,7950	0,4350			0,4350					
Certificate	DE000CJ3PLP3	UNITA6.675TL OPENZ	EUR	4,2450	4,2450	3,8850			3,8850					
Certificate	DE000CJ3QFB3	UNITA8.277TL OPENZ	EUR	2,6550	2,6550	2,2950			2,2950					
Certificate	DE000CV8A7T3	UNITA9.178TL OPENZ	EUR	1,7650	1,7650	1,4050			1,4050					
Certificate	DE000CN6JL79	UPC 79.11TL OPENZ	EUR	3,0400	3,0400	3,0200			3,0200					



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	NL0012795991	URW LEVOPENZ	EUR	17,5500	17,5500	17,5500			17,5500					
Certificate	NL0012796031	URW SHROPENZ	EUR	109,0300	109,0300	109,0300			109,0300					
Certificate	DE000CP07AE6	URW 120TL OPENC	EUR	3,2700	3,2700	3,2700								
Certificate	DE000CP06XD2	URW 120TL OPENC	EUR	2,4000	2,4000	2,4000								
Certificate	DE000CP23QV3	URW 130TL OPENC	EUR	2,3900	2,3900	2,3900								
Certificate	DE000CP23NZ1	URW 130TL OPENC	EUR	1,4600	1,4600	1,4600								
Certificate	DE000CP07AF3	URW 140TL OPENC	EUR	1,4000	1,4000	1,4000								
Certificate	DE000CP23P05	URW 150TS OPENC	EUR	0,7700	0,7700	0,7700								
Certificate	DE000CP23QW1	URW 150TS OPENC	EUR	1,8400	1,8400	1,8400								
Certificate	DE000CP23P13	URW 160TS OPENC	EUR	1,7600	1,7600	1,7600								
Certificate	DE000CP23QX9	URW 160TS OPENC	EUR	2,9100	2,9100	2,9100								
Certificate	DE000CP07AH9	URW 170TS OPENC	EUR	3,8800	3,8800	3,8800								
Certificate	DE000CP06XF7	URW 170TS OPENC	EUR	2,6700	2,6700	2,6700								
Certificate	NL0012796395	URW 179BOC1219Z	EUR	139,6600	139,6600	139,6600								
Certificate	DE000CP06XG5	URW 180TS OPENC	EUR	3,6700	3,6700	3,6700								
Certificate	DE000CP07AJ5	URW 180TS OPENC	EUR	4,9400	4,9400	4,9400								
Certificate	NL0012796387	URW 181BOC0919Z	EUR	139,5600	139,5600	139,5600								
Certificate	NL0012796288	URW 189BON0919Z	EUR	139,6400	139,6400	139,6400								
Certificate	NL0012796296	URW 189BON1219Z	EUR	138,1200	138,1200	138,1200								
Certificate	NL0012795645	URW 204BOC0919Z	EUR	133,9000	133,9000	133,9000								
Certificate	NL0012648844	URW 205BON1218Z	EUR	142,6300	142,6300	142,6300								
Certificate	NL0012648851	URW 208BON0619Z	EUR	143,7450	143,7450	143,7450								
Certificate	NL0012649222	URW 214BOC1218Z	EUR	142,6600	142,6600	142,6600								
Certificate	NL0012649230	URW 224BOC0619Z	EUR	138,1900	138,1900	138,1900								
Certificate	NL0011044748	URW 230TS OPENH	EUR	10,7300	10,7300	10,6600								
Certificate	NL0012236319	URW 238BOC1218Z	EUR	142,6400	142,6900	142,6400	1426,4000	1	142,6900		10			
Certificate	LU1841030957	URW 148.TCIOPENS	EUR											
Certificate	NL0012994446	URW 179.BS OPENB	EUR	3,9100	3,9100	3,7200								
Certificate	DE000CW42V55	URW 212.TS OPENC	EUR	6,5100	6,5100	6,5100								
Certificate	DE000CV886Q0	URW 110.9TL OPENZ	EUR	1,6450	1,6450	1,6450								
Certificate	NL0012789127	URW 115.2TL OPENB	EUR	3,5000	3,6800	3,5000	1050,0000	1			300			
Certificate	NL0013159593	URW 119.1BL OPENB	EUR	2,5300	2,7100	2,5300								
Certificate	DE000CJ3QR00	URW 121.8TL OPENZ	EUR	1,0950	1,0950	1,0950								
Certificate	NL0013162225	URW 127.4TL OPENB	EUR	2,3600	2,5500	2,3600								
Certificate	NL0013011380	URW 129.1BL OPENB	EUR	1,5300	1,7100	1,5300								
Certificate	DE000CV505W4	URW 130.9TL OPENZ	EUR	0,6550	0,6550	0,6550								
Certificate	DE000CQ5AFU3	URW 136.2TL OPENC	EUR	0,5900	0,5900	0,5900								
Certificate	NL0013011794	URW 137.4TL OPENB	EUR	1,4200	1,6100	1,4200	62975,0000	7			41200			
Certificate	NL0012685986	URW 139.1BL OPENB	EUR	0,5200	0,7200	0,5200	928,0000	3			0,7100		1410	
Certificate	LU1841030874	URW 140.2TCIOPENS	EUR	0,4400	0,6300	0,4400								
Certificate	DE000CV4ZUU5	URW 142.8TL OPENZ	EUR											
Certificate	NL0012686653	URW 147.4TL OPENB	EUR											
Certificate	NL0013163470	URW 149.1BS OPENB	EUR	0,9300	0,9300	0,7400					0,7400			
Certificate	LU1841031096	URW 151.3TCIOPENS	EUR											
Certificate	NL0013161268	URW 156.9TS OPENB	EUR	2,7500	2,7500	2,5600								2,5600
Certificate	DE000CJ3QR18	URW 160.3TS OPENZ	EUR	0,8750	0,8750	0,8750								0,8750
Certificate	NL0013010671	URW 164.1BS OPENB	EUR	2,4300	2,4300	2,2300								2,2300
Certificate	LU1859831379	URW 165.8TPIOPENS	EUR	2,6400	2,6400	2,4500								2,4500
Certificate	LU1841030015	URW 171.3TPIOPENS	EUR	3,1900	3,1900	3,0000								3,0000
Certificate	DE000CJ3NSJ3	URW 175.3TS OPENZ	EUR	1,6250	1,6250	1,6250								1,6250
Certificate	NL0013005002	URW 176.9TS OPENB	EUR	4,8900	4,8900	4,7000								4,7000
Certificate	NL0012681985	URW 193.8BS OPENB	EUR	5,4000	5,4000	5,2100								5,2100
Certificate	DE000CV501H4	URW 195.2TS OPENZ	EUR	2,6000	2,6000	2,6000								2,6000
Certificate	NL0012683049	URW 196.7TS OPENB	EUR	7,0300	7,0300	6,8400								6,8400
Certificate	DE000CV52MK6	URW 201.6TS OPENC	EUR	6,9600	6,9600	6,9600								6,9600
Certificate	NL0012793095	URW 205.7BOC1218B	EUR	141,9000	143,8000	141,9000								143,8000
Certificate	NL0011443668	URW 213.2BS OPENB	EUR	7,3400	7,3400	7,1400								7,1400
Certificate	DE000CC603M1	URW 213.7TS OPENC	EUR	3,3400	3,3400	3,3400								3,3400
Certificate	NL0012275739	URW 216.1TS OPENB	EUR	9,1200	9,1200	8,9300								8,9300
Certificate	DE000CE6BX56	URW 217.1TS OPENZ	EUR	3,7000	3,7000	3,7000								3,7000
Certificate	DE000CW42RE3	URW 217.5TS OPENC	EUR	8,6400	8,6400	8,6400								8,6400
Certificate	DE000CX00P36	URW 221.5TS OPENC	EUR	9,0600	9,0600	9,0600								9,0600
Certificate	DE000CX017M9	URW 226.4TS OPENC	EUR	9,5900	9,5900	9,5900								9,5900
Certificate	DE000CJ3QPC0	URW 90.77TL OPENZ	EUR	2,6450	2,6450	2,6450								2,6450
Certificate	DE000CN6GQ28	USCAD 1.44TS OPENZ	EUR	6,5500	6,5500	6,5500								6,5500
Certificate	DE000CE6E2B6	USCAD1.109TL OPENZ	EUR	15,4400	15,4400	15,4400								15,4400
Certificate	DE000CN6L915	USCAD1.172TL OPENZ	EUR	11,3000	11,3000	11,3000								11,3000
Certificate	DE000CR6XLP0	USCAD1.236TL OPENZ	EUR	7,0550	7,0550	7,0550								7,0550
Certificate	DE000CJ3QUD8	USCAD1.296TL OPENZ	EUR	3,1150	3,1150	3,1150								3,1150
Certificate	DE000CR9S8S0	USCAD1.372TS OPENZ	EUR	2,0450	2,0450	2,0450								2,0450
Certificate	DE000CN6HP93	USCAD1.513TS OPENZ	EUR	11,3300	11,3300	11,3300								11,3300
Certificate	NL0013151426	USCNH 6.51BL OPENB	EUR	5,3050	5,3050	5,3050								5,3050



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV4Z969	USCNH5.908TL OPENZ	EUR	13,0450	13,0450	13,0450			13,0450					
Certificate	NL0013151418	USCNH6.259BL OPENB	EUR	8,5150	8,5150	8,5150			8,5150					
Certificate	NL0013151434	USCNH6.761BL OPENB	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	NL0013151442	USCNH7.146BS OPENB	EUR	3,2950	3,2950	3,2950			3,2950					
Certificate	DE000CE6C915	USCNH7.351TS OPENZ	EUR	5,9600	5,9600	5,9600			5,9600					
Certificate	NL0013151459	USCNH7.396BS OPENB	EUR	6,4950	6,4950	6,4950			6,4950					
Certificate	NL0013153455	USCNH7.646BS OPENB	EUR	9,6950	9,6950	9,6950			9,6950					
Certificate	DE000CV8AVN2	USCNH7.851TS OPENZ	EUR	12,3600	12,3600	12,3600			12,3600					
Certificate	DE000CE6E2C4	USDCH0.806TL OPENZ	EUR	16,7750	16,7750	16,7750			16,7750					
Certificate	DE000CE6CEV2	USDCH0.854TL OPENZ	EUR	12,5550	12,5550	12,5550			12,5550					
Certificate	DE000CE6C8M2	USDCH0.917TL OPENZ	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	DE000CJ3NY20	USDCH0.957TL OPENZ	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	DE000CE6C8Z4	USDCH1.022TS OPENZ	EUR	2,6050	2,6050	2,6050			2,6050					
Certificate	DE000CE6CAR8	USDCH1.073TS OPENZ	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	DE000CV88LV5	USDCH1.112TS OPENZ	EUR	10,6500	10,6500	10,6500			10,6500					
Certificate	NL0012520183	USJPY 111TRL OPENH	EUR											
Certificate	NL0012981591	USJPY 121TS OPENB	EUR	7,6000	7,6000	7,6000			7,6000					
Certificate	NL0012089957	USJPY 101.TL OPENH	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	NL0012089940	USJPY 102.TL OPENH	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	NL0012089932	USJPY 103.TL OPENH	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	NL0012089924	USJPY 104.TL OPENH	EUR	8,1200	8,1200	8,1200			8,1200					
Certificate	NL0012911242	USJPY 108.TRL OPENH	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	NL0012919369	USJPY 109.TRL OPENH	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	NL0012520191	USJPY 111.TRL OPENH	EUR											
Certificate	NL0013130842	USJPY 112.TRL OPENH	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0012904866	USJPY 114.TRS OPENH	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	NL0012904841	USJPY 117.TRS OPENH	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	NL0012089643	USJPY 119.TS OPENH	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0012089635	USJPY 120.TS OPENH	EUR	6,0500	6,0500	6,0500			6,0500					
Certificate	DE000CN6JQP2	USJPY 99.3TL OPENZ	EUR	11,0000	11,0000	11,0000			11,0000					
Certificate	NL0010374500	USJPY 99.8TL OPENB	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	DE000CN6JQN7	USJPY101.3TL OPENZ	EUR	9,4350	9,4350	9,4350			9,4350					
Certificate	NL0012028963	USJPY102.5TL OPENB	EUR	10,1200	10,1200	10,1200			10,1200					
Certificate	NL0012688394	USJPY103.2BL OPENB	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	NL0012436695	USJPY103.9TRL OPENH	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	NL0012492995	USJPY105.2BL OPENB	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	NL0012615298	USJPY105.2TRL OPENH	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	NL0012785570	USJPY105.5TL OPENB	EUR	7,7800	7,7800	7,7800			7,7800					
Certificate	NL0012615256	USJPY106.2TRL OPENH	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	NL0012846505	USJPY106.7TRL OPENH	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	NL0012615231	USJPY106.7TRL OPENH	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	NL0012846471	USJPY106.9TRL OPENH	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	NL0012615215	USJPY107.1TRL OPENH	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0012790596	USJPY107.2BL OPENB	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	NL0012615173	USJPY107.3TRL OPENH	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	NL0012615132	USJPY107.5TRL OPENH	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	NL0012615090	USJPY107.7TRL OPENH	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	NL0012089874	USJPY108.2TL OPENH	EUR											
Certificate	NL0012210926	USJPY108.2TRL OPENH	EUR											
Certificate	NL0012092787	USJPY108.3TRL OPENH	EUR											
Certificate	NL0012920623	USJPY108.3TRL OPENH	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	NL0012206361	USJPY108.3TRL OPENH	EUR											
Certificate	NL0012206346	USJPY108.4TRL OPENH	EUR											
Certificate	NL0012206353	USJPY108.4TRL OPENH	EUR											
Certificate	NL0012092779	USJPY108.5TRL OPENH	EUR											
Certificate	NL0012979827	USJPY108.6TL OPENB	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	NL0012206338	USJPY108.6TRL OPENH	EUR											
Certificate	NL0012206320	USJPY108.6TRL OPENH	EUR											
Certificate	NL0012911218	USJPY108.6TRL OPENH	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	NL0012206312	USJPY108.7TRL OPENH	EUR											
Certificate	NL0012919138	USJPY108.8TRL OPENH	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	NL0012980056	USJPY109.2BL OPENB	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	NL0012924914	USJPY109.2TRL OPENH	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	NL0012925564	USJPY109.5TRL OPENH	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0013082969	USJPY109.6TRL OPENH	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	NL0012891055	USJPY109.7TRL OPENH	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	NL0012891014	USJPY109.9TRL OPENH	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	NL0012890974	USJPY110.1TRL OPENH	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	NL0013081219	USJPY110.2TRL OPENH	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	NL0012901037	USJPY110.3TRL OPENH	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0012900997	USJPY110.5TRL OPENH	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0012901375	USJPY110.6TRL OPENH	EUR	2,1400	2,1400	2,1400			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
Certificate	NL0012520266	USJPY110.6TRLOPENH	EUR											
Certificate	NL0012520241	USJPY110.7TRLOPENH	EUR											
Certificate	NL0012901581	USJPY110.7TRLOPENH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0012520258	USJPY110.7TRLOPENH	EUR											
Certificate	NL0012520225	USJPY110.8TRLOPENH	EUR											
Certificate	NL0012520233	USJPY110.8TRLOPENH	EUR											
Certificate	NL0012901995	USJPY110.8TRLOPENH	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	NL0012520217	USJPY110.9TRLOPENH	EUR											
Certificate	NL0012901987	USJPY110.9TRLOPENH	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0012520209	USJPY110.9TRLOPENH	EUR											
Certificate	NL0012520167	USJPY111.1TRLOPENH	EUR											
Certificate	NL0012903603	USJPY111.1TRLOPENH	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0012903595	USJPY111.1TRLOPENH	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	NL0012520175	USJPY111.1TRLOPENH	EUR											
Certificate	NL0012903587	USJPY111.2TRLOPENH	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0012520159	USJPY111.2TRLOPENH	EUR											
Certificate	NL0012903579	USJPY111.2TRLOPENH	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0012903561	USJPY111.3TRLOPENH	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	NL0013128937	USJPY111.7TRLOPENH	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0012209951	USJPY111.8TRSOPEH	EUR											
Certificate	NL0012209944	USJPY111.8TRSOPEH	EUR											
Certificate	NL0012209936	USJPY111.9TRSOPEH	EUR											
Certificate	NL0013132483	USJPY112.2TRLOPENH	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	NL0013186315	USJPY112.5TRLOPENH	EUR											
Certificate	NL0013079866	USJPY114.1TRSOPEH	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0012906424	USJPY114.2TRSOPEH	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	NL0013078215	USJPY114.3TRSOPEH	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0012089692	USJPY114.3TS OPENH	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	NL0012905749	USJPY114.4TRSOPEH	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012906416	USJPY114.5TRSOPEH	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0012276687	USJPY114.6BS OPENB	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	NL0012906200	USJPY114.6TRSOPEH	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0012904858	USJPY114.8TRSOPEH	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0012906408	USJPY114.9TRSOPEH	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	NL0012906192	USJPY115.1TRSOPEH	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	NL0013078207	USJPY115.3TRSOPEH	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	NL0012089684	USJPY115.3TS OPENH	EUR	2,5500	2,5500	2,3500	892,5000	1	2,3500	350				
Certificate	NL0012907414	USJPY115.4TRSOPEH	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	NL0012895783	USJPY115.8TRSOPEH	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	NL0012036453	USJPY116.1TS OPENB	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0012089676	USJPY116.2TS OPENH	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0012901946	USJPY116.5TRSOPEH	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	NL0012089668	USJPY117.2TS OPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	NL0012980064	USJPY117.6BS OPENB	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	NL0013182678	USJPY117.7TRSOPEH	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0012906184	USJPY117.8TRSOPEH	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	NL0013085939	USJPY117.9TRSOPEH	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	NL0012089650	USJPY118.1TS OPENH	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	NL0013189368	USJPY118.4TRSOPEH	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	NL0012907406	USJPY118.6TRSOPEH	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	NL0013132467	USJPY118.6TRSOPEH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000CR6YA82	USJPY120.5TS OPENZ	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	NL0013003544	USJPY120.6BS OPENB	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0012089627	USJPY120.9TS OPENH	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	NL0012089619	USJPY121.8TS OPENH	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	DE000CJ3P976	USJPY130.5TS OPENZ	EUR	13,4200	13,4200	13,4200			13,4200					
Certificate	NL0012581318	USJPY94.07TL OPENH	EUR	15,8100	15,8100	15,8100			15,8100					
Certificate	DE000CN6KZL0	USJPY95.24TL OPENZ	EUR	14,1600	14,1600	14,1600			14,1600					
Certificate	NL0012089981	USJPY97.16TL OPENH	EUR	13,4200	13,4200	13,4200			13,4200					
Certificate	DE000CN6KWf9	USJPY97.25TL OPENZ	EUR	12,6000	12,6000	12,6000			12,6000					
Certificate	NL0012089973	USJPY98.97TL OPENH	EUR	12,0200	12,0200	12,0200			12,0200					
Certificate	NL0011232863	USJPY99.23TL OPENH	EUR	12,2000	12,2000	12,2000			12,2000					
Certificate	NL0012089965	USJPY99.98TL OPENH	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	DE000CV507U4	UU 4.749TL OPENZ	EUR	1,5100	1,5200	1,5100			1,5200					
Certificate	DE000CE6F694	UU 5.758TL OPENZ	EUR	0,9500	0,9600	0,9500			0,9600					
Certificate	DE000CJ3P5M5	UU 6.756TL OPENZ	EUR	0,4000	0,4100	0,4000			0,4100					
Certificate	DE000CJ3QJ77	VALE 9.24TL OPENZ	EUR	3,6050	3,6450	3,6050			3,6450					
Certificate	DE000CV8ATK2	VALE 10.74TL OPENZ	EUR	2,3550	2,3850	2,3550			2,3850					
Certificate	DE000CJ3QPA4	VALE 12.25TL OPENZ	EUR	1,0950	1,1150	1,0950			1,1150					
Certificate	DE000CJ3NS28	VALE 14.24TL OPENZ	EUR											
Certificate	DE000CJ3PPV2	VALEO17.97TL OPENZ	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CJ3PFV7	VALEO20.47TL OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3PRA2	VALEQ23.47TL OPENZ	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0013158314	VALOU 2TL OPENB	EUR											
Certificate	NL0013154701	VALOU 1.5TL OPENB	EUR	0,4900	0,5700	0,4900			0,5700					
Certificate	NL0013190846	VALOU 2.1TS OPENH	EUR	0,0600	0,0600	0,0600			0,0600					
Certificate	NL0013182462	VALOU 3.1TS OPENH	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0013182066	VALOU 3.9TS OPENH	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0013133218	VALOU 4.1TS OPENH	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	NL0013128556	VALOU 4.4TS OPENH	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	NL0012245013	VALOU 6.2TS OPENH	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0013156862	VALOU 1.25TL OPENB	EUR	0,7200	0,8000	0,7200			0,8000					
Certificate	NL0013158306	VALOU 1.75TL OPENB	EUR	0,2600	0,3400	0,2600			0,3400					
Certificate	NL0013162787	VALOU 2.18TS OPENB	EUR	0,5700	0,5700	0,4800			0,4800					
Certificate	NL0013188329	VALOU 2.21TS OPENH	EUR	0,0700	0,0700	0,0700			0,0700					
Certificate	NL0013154677	VALOU 2.68TS OPENB	EUR	1,1200	1,1200	1,0300			1,0300					
Certificate	NL0013154685	VALOU 3.18TS OPENB	EUR	1,6800	1,6800	1,5900			1,5900					
Certificate	NL0013154305	VALOU 3.68TS OPENB	EUR	2,2300	2,2300	2,1400			2,1400					
Certificate	NL0013152044	VALOU 4.18TS OPENB	EUR	2,8000	2,8000	2,7100			2,7100					
Certificate	NL0013015787	VALOU 4.68TS OPENB	EUR	3,3500	3,3500	3,2600	19620,0000	1	3,2600	6000				
Certificate	NL0012935514	VALOU 5.39TS OPENH	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0012865042	VALOU 5.79TS OPENH	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0012172456	VALOU 6.55TS OPENH	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	NL0012212104	VALOU 6.57TS OPENH	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	NL0012243364	VALOU 6.58TS OPENH	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CJ3QGP1	VALOU1.203TL OPENZ	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CJ3QDZ7	VALOU1.503TL OPENZ	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	DE000CJ3QLX5	VALOU1.852TL OPENZ	EUR											
Certificate	DE000CV8B9G5	VASTN 24TL OPENZ	EUR	1,9250	1,9250	1,9250			1,9250					
Certificate	DE000CV8BCW1	VASTN19.74TL OPENZ	EUR	2,7350	2,7350	2,7350			2,7350					
Certificate	DE000CV8AU1	VASTN21.89TL OPENZ	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	NL0013162233	VASTN25.07TL OPENB	EUR	1,6800	1,8300	1,6800			1,8300					
Certificate	DE000CE6C5V9	VASTN26.14TL OPENZ	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	NL0012999411	VASTN27.07TL OPENB	EUR	1,3100	1,4600	1,3100			1,4600					
Certificate	NL0012999429	VASTN29.07TL OPENB	EUR	0,9300	1,0800	0,9300			1,0800					
Certificate	DE000CE6C4C2	VASTN29.79TL OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0013164551	VASTN31.07TL OPENB	EUR	0,5700	0,7200	0,5700			0,7200					
Certificate	NL0012999437	VASTN31.08TL OPENB	EUR											
Certificate	NL0013161276	VASTN33.86TS OPENB	EUR	0,9700	0,9700	0,8200			0,8200					
Certificate	NL0012999452	VASTN37.86TS OPENB	EUR	1,8200	1,8200	1,6700	4275,0000	1	1,6700	2500				
Certificate	NL0013006042	VASTN41.89TS OPENB	EUR	2,6900	2,6900	2,5400			2,5400					
Certificate	NL0012120760	VEOU 15TL OPENB	EUR	3,7850	4,1150	3,7850			4,1150					
Certificate	NL0010442836	VEOU 5.7TL OPENB	EUR	12,4750	12,8050	12,4750			12,8050					
Certificate	NL0010905683	VEOU 11.2TL OPENB	EUR	7,3250	7,6550	7,3250			7,6550					
Certificate	NL0013146079	VEOU 17.1TL OPENB	EUR	1,8950	2,2250	1,8950			2,2250					
Certificate	NL0012700942	VEOU 20.9TS OPENB	EUR	4,9250	4,9250	4,5950	9320,0000	1	4,5950	2000				
Certificate	DE000CJ3PAJ9	VEOU10.98TL OPENZ	EUR	1,3750	1,4150	1,3750			1,4150					
Certificate	DE000CV8B210	VEOU12.99TL OPENZ	EUR	0,9650	1,0150	0,9650			1,0150					
Certificate	DE000CV4ZRL0	VEOU14.99TL OPENZ	EUR	0,5750	0,6150	0,5750			0,6150					
Certificate	DE000CJ3P117	VEOU16.97TL OPENZ	EUR	0,1850	0,2250	0,1850			0,2250					
Certificate	NL0012264451	VESTA 608TS OPENB	EUR	2,9750	2,9750	2,9750			2,9750					
Certificate	NL0010895082	VESTA164.5TL OPENB	EUR	4,6750	4,6750	4,6750			4,6750					
Certificate	DE000CV4YTR6	VESTA282.7TL OPENZ	EUR	2,8550	2,8550	2,8150			2,8150					
Certificate	NL0012509533	VESTA316.8TL OPENB	EUR	2,9050	2,9050	2,9050			2,9050					
Certificate	DE000CE6FIJ9	VESTA322.7TL OPENZ	EUR	2,3250	2,3250	2,2850			2,2850					
Certificate	NL0012511919	VESTA342.2TL OPENB	EUR	2,6050	2,6050	2,6050			2,6050					
Certificate	DE000CV4Z019	VESTA367.3TL OPENZ	EUR	1,7250	1,7250	1,6850			1,6850					
Certificate	DE000CJ3P4N6	VESTA422.4TL OPENZ	EUR	0,9950	0,9950	0,9550			0,9550					
Certificate	NL0000691046	VIETN PI OPENN	EUR	6,2700	6,3400	6,2700			6,3400					
Certificate	NL0012259733	VINCI 71TL OPENB	EUR											
Certificate	NL0011249156	VINCI 43.6TL OPENB	EUR	32,0000	33,2800	32,0000			33,2800					
Certificate	NL0012034953	VINCI 48.8TL OPENB	EUR	27,1900	28,4700	27,1900			28,4700					
Certificate	NL0012115695	VINCI 64.3TL OPENB	EUR	12,8600	14,1400	12,8600	272,8000	1	14,1400	20				
Certificate	NL0013164569	VINCI 69.3TL OPENB	EUR	8,2300	9,5100	8,2300			9,5100					
Certificate	NL0013162795	VINCI 78.7TS OPENB	EUR	13,1600	13,1600	11,8800			11,8800					
Certificate	NL0012995260	VINCI 83.7TS OPENB	EUR	18,4800	18,4800	17,2000			17,2000					
Certificate	NL0012792014	VINCI 88.5TS OPENB	EUR	23,7300	23,7300	22,4500			22,4500					
Certificate	DE000CV8AY55	VINCI49.29TL OPENZ	EUR	2,3550	2,4250	2,3550			2,4250					
Certificate	DE000CE6CCB8	VINCI59.35TL OPENZ	EUR	1,3450	1,4250	1,3450			1,4250					
Certificate	DE000CE6CCX2	VINCI67.31TL OPENZ	EUR	0,5650	0,6350	0,5650			0,6350					
Certificate	DE000CJ3PLQ1	VINCI74.26TL OPENZ	EUR											
Certificate	NL0012494447	VIVEN 20TL OPENB	EUR	2,5850	2,5850	2,5750			2,5750					
Certificate	NL0013182454	VIVEN 21TL OPENH	EUR											
Certificate	NL0011900642	VIVEN 14.9TL OPENB	EUR	7,3350	7,3350	7,3250			7,3250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012260178	VIVEN 17.4TL OPENB	EUR	4,9550	4,9550	4,9450			4,9450					
Certificate	NL0012699748	VIVEN 24.3TS OPENB	EUR	5,1950	5,1950	5,1950			5,1950					
Certificate	NL001226451	VIVEN 30.3TS OPENH	EUR	1,2500	1,2600	1,2500				1,2600				
Certificate	NL001226519	VIVEN13.08TL OPENH	EUR	0,9300	0,9300	0,9200				0,9200				
Certificate	DE000CN6GMU7	VIVEN13.79TL OPENZ	EUR	7,4700	7,4700	7,3050				7,3050				
Certificate	DE000CD61L97	VIVEN15.27TL OPENZ	EUR	6,0000	6,0000	5,8200				5,8200				
Certificate	NL0012237630	VIVEN15.98TL OPENH	EUR	0,6600	0,6600	0,6500				0,6500				
Certificate	NL0012214720	VIVEN17.01TL OPENH	EUR	0,5700	0,5700	0,5600				0,5600				
Certificate	NL0012214712	VIVEN17.52TL OPENH	EUR	0,5200	0,5200	0,5100				0,5100				
Certificate	NL0012245005	VIVEN18.03TL OPENH	EUR	0,4700	0,4700	0,4700				0,4700				
Certificate	DE000CE6D9M9	VIVEN18.25TL OPENZ	EUR	3,0400	3,0400	2,8650				2,8650				
Certificate	NL0011995899	VIVEN18.98TL OPENH	EUR											
Certificate	NL0012437776	VIVEN19.53TL OPENH	EUR	0,3400	0,3400	0,3300				0,3300				
Certificate	NL0012439764	VIVEN19.56TL OPENH	EUR	0,3400	0,3400	0,3300				0,3300				
Certificate	NL0012593578	VIVEN20.46TL OPENH	EUR	0,2500	0,2500	0,2500				0,2500				
Certificate	NL0012934293	VIVEN22.73TS OPENH	EUR	0,4100	0,4200	0,4100				0,4200				
Certificate	NL0012909816	VIVEN23.07TS OPENH	EUR	0,4500	0,4600	0,4500				0,4600				
Certificate	NL0012561070	VIVEN23.26TS OPENH	EUR	0,4700	0,4800	0,4700				0,4800				
Certificate	NL0012536833	VIVEN24.05TS OPENH	EUR	0,5600	0,5700	0,5600				0,5700				
Certificate	NL0012311120	VIVEN24.67TS OPENH	EUR	0,6300	0,6400	0,6300				0,6400				
Certificate	NL0013085459	VIVEN25.89TS OPENH	EUR	0,7600	0,7700	0,7600				0,7700				
Certificate	NL0012556419	VIVEN26.18TS OPENH	EUR	0,8000	0,8000	0,8000				0,8000				
Certificate	NL0012545735	VIVEN26.56TS OPENH	EUR	0,8400	0,8500	0,8400				0,8500				
Certificate	NL0012526230	VIVEN26.92TS OPENH	EUR	0,8800	0,8900	0,8800				0,8900				
Certificate	NL0012536825	VIVEN26.97TS OPENH	EUR	0,8800	0,8900	0,8800				0,8900				
Certificate	NL0012556401	VIVEN29.12TS OPENH	EUR	1,1200	1,1300	1,1200				1,1300				
Certificate	DE000CE6CDZ5	VIX LEVOPENZ	EUR	5,6600	5,6600	5,6600				5,6600				
Certificate	DE000CE6CE09	VIX SHROPENZ	EUR	4,3340	4,3340	4,3340				4,3340				
Certificate	NL0010129144	VIX 73TS OPENB	EUR	52,2400	52,2400	52,2400				52,2400				
Certificate	NL0013161631	VIX 1665TL OPENB	EUR											
Certificate	NL0013161649	VIX 1715TL OPENB	EUR											
Certificate	NL0013161656	VIX 1765TL OPENB	EUR											
Certificate	DE000CV422F8	VIX 5.47TL OPENZ	EUR	14,9600	14,9600	14,9600				14,9600				
Certificate	DE000CV4YUR4	VIX 6.05TL OPENZ	EUR	14,5700	14,5700	14,5700				14,5700				
Certificate	NL0012682025	VIX 6.62TL OPENB	EUR	14,1500	14,1500	14,1500				14,1500				
Certificate	DE000CV4YUQ6	VIX 6.62TL OPENZ	EUR	14,1000	14,1000	14,1000				14,1000				
Certificate	NL0010289385	VIX 60.9TS OPENB	EUR	40,3300	40,3300	40,3300				40,3300				
Certificate	DE000CE6FNTO	VIX 7.19TL OPENZ	EUR	13,6200	13,6200	13,6200				13,6200				
Certificate	DE000CE6F4E5	VIX 7.77TL OPENZ	EUR	13,1350	13,1350	13,1350				13,1350				
Certificate	DE000CE6F4D7	VIX 8.34TL OPENZ	EUR	12,6600	12,6600	12,6600				12,6600				
Certificate	DE000CV4ZTL6	VIX 8.87TL OPENZ	EUR	12,2150	12,2150	12,2150				12,2150				
Certificate	NL0013002702	VIX 9.16TL OPENB	EUR	12,1100	12,1100	12,1100				12,1100				
Certificate	DE000CV4ZTM4	VIX 9.43TL OPENZ	EUR	11,7500	11,7500	11,7500				11,7500				
Certificate	NL0012682512	VIX 9.65TL OPENB	EUR	11,1700	11,7100	10,4300	2333,3000	3	11,7100	210				
Certificate	NL0013006349	VIX 11.16TL OPENB	EUR	10,5000	10,5000	10,5000				10,5000				
Certificate	DE000CV87KZO	VIX 11.62TL OPENZ	EUR	9,9100	9,9100	9,9100				9,9100				
Certificate	NL0013011067	VIX 12.64TL OPENB	EUR	9,3000	9,3000	9,3000				9,3000				
Certificate	NL0009261692	VIX 127.3TS OPENB	EUR	10,5450	10,5450	10,5450				10,5450				
Certificate	NL0012793954	VIX 13.62TL OPENB	EUR											
Certificate	NL0013011075	VIX 13.66TL OPENB	EUR	8,4900	8,4900	8,4900				8,4900				
Certificate	NL0013011083	VIX 14.66TL OPENB	EUR	7,6800	7,6800	7,6800				7,6800				
Certificate	DE000CI3N4J6	VIX 14.67TL OPENZ	EUR	7,3400	7,3400	7,3400				7,3400				
Certificate	NL0013011091	VIX 15.65TL OPENB	EUR	6,8800	6,8800	6,8800				6,8800				
Certificate	NL0006518987	VIX 153.2TS OPENB	EUR	13,0950	13,0950	13,0950				13,0950				
Certificate	NL0013011109	VIX 16.15TL OPENB	EUR	5,6800	6,4800	5,6800	340,8000	1	6,4800	60				
Certificate	NL0006518995	VIX 161.4TS OPENB	EUR	13,8950	13,8950	13,8950				13,8950				
Certificate	NL0013163512	VIX 17.15TL OPENB	EUR	5,6800	5,6800	5,6800				5,6800				
Certificate	NL0013163520	VIX 18.14TL OPENB	EUR	4,8900	4,8900	4,8900				4,8900				
Certificate	NL0013155609	VIX 18.64TL OPENB	EUR											
Certificate	NL0013163538	VIX 18.65TL OPENB	EUR	4,4800	4,4800	4,4800				4,4800				
Certificate	NL0013163546	VIX 19.14TL OPENB	EUR	4,0800	4,0800	4,0800				4,0800				
Certificate	NL0013165079	VIX 19.64TL OPENB	EUR	3,6900	3,6900	3,6900				3,6900				
Certificate	NL0013158512	VIX 20.05TS OPENB	EUR											
Certificate	NL0013165087	VIX 20.14TL OPENB	EUR	3,2900	3,2900	3,2900				3,2900				
Certificate	NL0013165095	VIX 20.64TL OPENB	EUR											
Certificate	NL0013164221	VIX 22.04TS OPENB	EUR											
Certificate	NL0013145428	VIX 22.05TS OPENB	EUR											
Certificate	NL0013018542	VIX 24.04TS OPENB	EUR	4,6100	4,9300	4,1200	1500,5000	5	4,1200	325				
Certificate	NL0012688055	VIX 26.02TS OPENB	EUR	6,0500	6,0500	6,0500				6,0500				
Certificate	DE000CV87L38	VIX 26.11TS OPENZ	EUR	11,8400	11,8400	11,8400				11,8400				
Certificate	DE000CV87L46	VIX 29.86TS OPENZ	EUR	16,2600	16,2600	16,2600				16,2600				
Certificate	NL0012684039	VIX 29.96TS OPENB	EUR	10,3500	10,9100	9,9300	53052,5000	11	9,9300	4940				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD61XR3	VIX 33.62TS OPENZ	EUR	20,7000	20,7000	20,7000			20,7000					
Certificate	NL0011911706	VIX 35.82TS OPENB	EUR	15,6800	15,6800	15,6800			15,6800					
Certificate	DE000CD61XQ5	VIX 37.25TS OPENZ	EUR	24,9700	24,9700	24,9700			24,9700					
Certificate	NL0011911714	VIX 40.62TS OPENB	EUR	20,3800	20,3800	20,3800			20,3800					
Certificate	DE000CD61XP7	VIX 40.88TS OPENZ	EUR	29,2500	29,2500	29,2500			29,2500					
Certificate	DE000CN6JVU2	VIX 44.51TS OPENZ	EUR	33,5300	33,5300	33,5300			33,5300					
Certificate	DE000CR4HP62	VIX 48.84TS OPENZ	EUR	38,6300	38,6300	38,6300			38,6300					
Certificate	DE000CN6EQ87	VIX 53.11TS OPENZ	EUR	43,6700	43,6700	43,6700			43,6700					
Certificate	DE000CN6EQ95	VIX 57.38TS OPENZ	EUR	48,7000	48,7000	48,7000			48,7000					
Certificate	DE000CE6CR12	VLAN 15.23TL OPENZ	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	DE000CE6CR04	VLAN 17.36TL OPENZ	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	DE000CE6CNL4	VLAN 19.48TL OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	NL0006475295	VODAF 7TL OPENB	EUR	1,6750	1,6950	1,6750			1,6950					
Certificate	DE000CV8AHU6	VODAF 1.23TL OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000CV8B5B4	VODAF1.025TL OPENZ	EUR	0,6450	0,6450	0,6450			0,6450					
Certificate	DE000CJ3PNY1	VODAF1.124TL OPENZ	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	DE000CJ3NNG3	VODAF1.332TL OPENZ	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	DE000CV8B854	VODAF1.746TS OPENZ	EUR	0,1650	0,1650	0,1650			0,1650					
Certificate	DE000CV8AL46	VODAF1.943TS OPENZ	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	DE000CV8AHV4	VODAF2.142TS OPENZ	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	DE000CV8AHW2	VODAF2.343TS OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	DE000CE6CBC8	VOLVB105.3TL OPENZ	EUR	0,2450	0,2450	0,2350			0,2350					
Certificate	DE000CE6CCJ1	VOLVB119.2TL OPENZ	EUR											
Certificate	DE000CJ3QX28	VOLVB75.18TL OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	DE000CJ3PAZ5	VOLVB90.19TL OPENZ	EUR	0,5350	0,5350	0,5250			0,5250					
Certificate	DE000CJ3QS58	VON 2TL OPENZ	EUR	0,1750	0,1750	0,1750			0,1750					
Certificate	DE000CJ3QWE2	VON 1.4TL OPENZ	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	DE000CJ3QSW2	VON 1.6TL OPENZ	EUR	0,3650	0,3650	0,3650			0,3650					
Certificate	DE000CJ3QSX0	VON 1.8TL OPENZ	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	DE000CJ3QS25	VON 2.2TL OPENZ	EUR											
Certificate	DE000CJ3QS09	VON 2.4TL OPENZ	EUR											
Certificate	DE000CN6FX46	VONOV23.44TL OPENZ	EUR	18,5900	18,5900	18,5900			18,5900					
Certificate	DE000CN6YV66	VONOV25.97TL OPENZ	EUR	16,0750	16,0750	16,0750			16,0750					
Certificate	DE000CD64CT7	VONOV29.44TL OPENZ	EUR	12,6000	12,6000	12,6000			12,6000					
Certificate	DE000CE6DC83	VONOV33.41TL OPENZ	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CQ5A3P3	VOPAK 28TL OPENC	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000CQ5A3N8	VOPAK 30TL OPENC	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000CY16LA4	VOPAK 32TL OPENC	EUR	9,8500	9,8500	9,8500			9,8500					
Certificate	DE000CQ5A3M0	VOPAK 35TL OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0013153406	VOPAK 41TS OPENB	EUR	7,3300	7,3300	6,4800			6,4800					
Certificate	NL0011093018	VOPAK 45TS OPENB	EUR	11,9800	11,9800	11,1300			11,1300					
Certificate	DE000CY16LD8	VOPAK 50TS OPENC	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	DE000CQ5A3Q1	VOPAK 50TS OPENC	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	NL0009263870	VOPAK 20.7TL OPENB	EUR	43,8600	43,8600	43,8600			43,8600					
Certificate	NL0010764205	VOPAK 29.5TL OPENB	EUR	14,1200	14,1200	14,1200			14,1200					
Certificate	NL0011430426	VOPAK 32.1TL OPENB	EUR	10,9700	11,8000	10,9700			11,8000					
Certificate	NL0013018385	VOPAK 34.7BL OPENB	EUR	5,3500	6,1800	5,3500			6,1800					
Certificate	NL0012581417	VOPAK 35.3TL OPENH	EUR	8,1900	9,1100	8,1900			9,1100					
Certificate	NL0012689624	VOPAK 35.7TL OPENB	EUR	7,7500	8,5800	7,7500			8,5800					
Certificate	NL0012783344	VOPAK 37.6TL OPENB	EUR	6,0400	6,8700	6,0400			6,8700					
Certificate	NL0012894729	VOPAK 48.7TS OPENH	EUR	16,3000	16,3000	15,9400			15,9400					
Certificate	NL0011740048	VOPAK 49.3TS OPENH	EUR	16,9800	16,9800	16,6200			16,6200					
Certificate	NL0012987416	VOPAK 49.5TS OPENB	EUR	17,1100	17,1100	16,2600			16,2600					
Certificate	NL0011409990	VOPAK15.93TL OPENH	EUR	25,4200	26,3400	25,4200			26,3400					
Certificate	NL0011409974	VOPAK24.35TL OPENH	EUR	17,9200	18,8500	17,9200			18,8500					
Certificate	DE000CE6EK17	VOPAK27.34TL OPENZ	EUR	2,4250	2,5850	2,4250			2,5850					
Certificate	NL0011409966	VOPAK28.57TL OPENH	EUR	14,1800	15,1000	14,1800			15,1000					
Certificate	DE000CR9RS05	VOPAK29.85TL OPENZ	EUR	1,9250	2,0850	1,9250			2,0850					
Certificate	NL0012490288	VOPAK31.62BL OPENB	EUR	8,4300	9,2600	8,4300			9,2600					
Certificate	NL0011409941	VOPAK31.73TL OPENH	EUR	11,3700	12,2900	11,3700			12,2900					
Certificate	DE000CR9RLZ5	VOPAK32.34TL OPENZ	EUR	1,4250	1,6500	1,4250	2809,0000	3	1,5850	1740				
Certificate	LU1650853960	VOPAK32.56TCIOPENS	EUR	7,7400	8,5900	7,7400			8,5900					
Certificate	DE000CV87HS1	VOPAK34.31TL OPENZ	EUR	1,0350	1,1950	1,0350			1,1950					
Certificate	NL0012689962	VOPAK36.21BL OPENB	EUR	3,8400	4,6700	3,8400			4,6700					
Certificate	NL0012581409	VOPAK36.31TL OPENH	EUR	7,2900	8,2100	7,2900			8,2100					
Certificate	DE000CV87HT9	VOPAK36.31TL OPENZ	EUR	0,6450	0,8050	0,6450			0,8050					
Certificate	LU1697025788	VOPAK36.88TCIOPENS	EUR	3,6100	4,4500	3,6100			4,4500					
Certificate	NL0012598874	VOPAK37.29TL OPENH	EUR	6,4300	7,3500	6,4300			7,3500					
Certificate	NL0013008733	VOPAK37.73BL OPENB	EUR	2,3200	3,1500	2,3200			3,1500					
Certificate	DE000CV8B024	VOPAK38.28TL OPENZ	EUR											
Certificate	NL0013185077	VOPAK40.01TS OPENH	EUR	6,3700	6,3700	6,3700			6,3700					
Certificate	NL0013153604	VOPAK40.55BS OPENB	EUR	1,6800	1,6800	1,6800			1,6800					



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
Certificate	LU1840979741	VOPAK42.71TPIOPENS	EUR	3,8300	3,8300	2,9900	549,0000	1	2,9900	180				
Certificate	NL0013004773	VOPAK43.04BS OPENB	EUR	4,1700	4,1700	3,3200			3,3200					
Certificate	NL0012902498	VOPAK43.38TS OPENH	EUR	10,2100	10,2100	9,8500			9,8500					
Certificate	NL0012783591	VOPAK45.52BS OPENB	EUR	6,6500	6,6500	5,8000			5,8000					
Certificate	NL0011742911	VOPAK45.57TS OPENH	EUR	12,7200	12,7200	12,3600			12,3600					
Certificate	NL0011894852	VOPAK45.69TS OPENH	EUR	12,8600	12,8600	12,5000			12,5000					
Certificate	LU1790699976	VOPAK45.75TPIOPENS	EUR	6,5800	6,5800	5,7400			5,7400					
Certificate	NL0011715503	VOPAK46.15TS OPENH	EUR	13,3900	13,3900	13,0300			13,0300					
Certificate	DE000CN6KQC8	VOPAK46.48TS OPENZ	EUR	1,4450	1,4450	1,2850			1,2850					
Certificate	LU1817099283	VOPAK46.98TPIOPENS	EUR	7,8800	7,8800	7,0300			7,0300					
Certificate	NL0012969570	VOPAK47.98BS OPENB	EUR	9,1100	9,1100	8,2600			8,2600					
Certificate	NL0011733928	VOPAK49.19TS OPENH	EUR	16,8600	16,8600	16,5000			16,5000					
Certificate	NL0011935291	VOPAK49.59TS OPENH	EUR	17,3100	17,3100	16,9500			16,9500					
Certificate	NL0011715495	VOPAK49.89TS OPENH	EUR	17,6600	17,6600	17,3000			17,3000					
Certificate	DE000CV88FR5	VOPAK52.52TS OPENZ	EUR	2,6450	2,6450	2,4850			2,4850					
Certificate	NL0012891907	VOPAK55.64TS OPENH	EUR	24,2200	24,2200	23,8600			23,8600					
Certificate	DE000CW42HM7	VOW 85TL OPENC	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CW425W4	VOW 85TL OPENC	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CX0J274	VOW 90TL OPENC	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	DE000CX0H9C2	VOW 90TL OPENC	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000CW42HJ3	VOW 90TL OPENC	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CX00200	VOW 100TL OPENC	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	NL0011896717	VOW 103TL OPENH	EUR	5,6400	6,0400	5,6400			6,0400					
Certificate	DE000CX59HE6	VOW 110TL OPENC	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000CX59D30	VOW 110TL OPENC	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CP07CD4	VOW 120TL OPENC	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	DE000CP06YR0	VOW 120TL OPENC	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	NL0012051833	VOW 123TL OPENH	EUR	3,9900	4,3700	3,9900			4,3700					
Certificate	DE000CY52ZW3	VOW 130TL OPENC	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CP23KK9	VOW 130TL OPENC	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	NL0013019185	VOW 134TL OPENB	EUR	1,7550	2,1750	1,7550			2,1750					
Certificate	NL0013019193	VOW 139TL OPENB	EUR	1,2850	1,7150	1,2850			1,7150					
Certificate	DE000CP23KL7	VOW 140TL OPENC	EUR											
Certificate	DE000CY52ZX1	VOW 140TL OPENC	EUR											
Certificate	DE000CY520E8	VOW 140TL OPENC	EUR											
Certificate	NL0013157092	VOW 144TL OPENB	EUR											
Certificate	DE000CP23PW3	VOW 150TS OPENC	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000CP23S02	VOW 150TS OPENC	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CP23PX1	VOW 155TS OPENC	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CP07CG7	VOW 160TS OPENC	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000CP23979	VOW 160TS OPENC	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CY52ZY9	VOW 165TS OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000CP23KM5	VOW 170TS OPENC	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000CY52Z26	VOW 170TS OPENC	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0012608616	VOW 179TS OPENH	EUR	8,1600	8,1600	7,8200			7,8200					
Certificate	DE000C05A2L4	VOW 190TS OPENC	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CY52NM0	VOW 200TS OPENC	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	DE000CY52K45	VOW 200TS OPENC	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	DE000VA87F61	VOW 141.L OPENV	EUR											
Certificate	NL0011410022	VOW 64.4TL OPENH	EUR	8,8600	9,2600	8,8600			9,2600					
Certificate	NL0011437843	VOW 72.1TL OPENB	EUR	7,5250	7,9450	7,5250			7,9450					
Certificate	NL0011410006	VOW 76.7TL OPENH	EUR	7,8300	8,2300	7,8300			8,2300					
Certificate	NL0011433701	VOW 77.4TL OPENB	EUR	7,0250	7,4550	7,0250			7,4550					
Certificate	NL0011435573	VOW 82.7TL OPENB	EUR	6,5350	6,9650	6,5350			6,9650					
Certificate	NL0011438429	VOW 87.9TL OPENB	EUR	6,0550	6,4750	6,0550			6,4750					
Certificate	NL0011649744	VOW 93.1TL OPENB	EUR	5,5650	5,9850	5,5650			5,9850					
Certificate	NL0011656145	VOW 98.3TL OPENB	EUR	5,0850	5,5050	5,0850			5,5050					
Certificate	NL0011729769	VOW 98.6TL OPENH	EUR	6,0100	6,4100	6,0100			6,4100					
Certificate	DE000CN6JIUD0	VOW 100.5TL OPENZ	EUR	4,2700	4,5600	4,2700			4,5600					
Certificate	NL0011906839	VOW 103.4TL OPENB	EUR	4,6050	5,0250	4,6050			5,0250					
Certificate	DE000CN6K974	VOW 105.5TL OPENZ	EUR	3,7600	4,0600	3,7600			4,0600					
Certificate	NL0013016546	VOW 105.7BL OPENB	EUR	3,8250	4,2450	3,8250			4,2450					
Certificate	NL0011906847	VOW 108.6TL OPENB	EUR	4,1250	4,5450	4,1250			4,5450					
Certificate	DE000VA8FZX3	VOW 110.9TL OPENV	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000CD62346	VOW 111.6TL OPENZ	EUR	3,1400	3,4300	3,1400			3,4300					
Certificate	NL0011996384	VOW 113.4TL OPENH	EUR	4,7900	5,1700	4,7900			5,1700					
Certificate	NL0012034979	VOW 113.8TL OPENB	EUR	3,6350	4,0650	3,6350			4,0650					
Certificate	NL0013007644	VOW 115.7BL OPENB	EUR	2,8250	3,2450	2,8250			3,2450					
Certificate	DE000VA7TG70	VOW 115.9TL OPENV	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	NL0012038848	VOW 118.9TL OPENB	EUR	3,1650	3,5850	3,1650			3,5850					
Certificate	DE000CD640T7	VOW 122.3TL OPENZ	EUR	2,0800	2,5300	2,0800	5493,0000	6	2,3700	2300				
Certificate	NL0012492938	VOW 123.9TL OPENB	EUR	2,6950	3,1150	2,6950	885,0000	1	3,1150	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	NL001298686	VOW 125.88L OPENB	EUR	1,8150	2,2450	1,8150			2,2450					
Certificate	DE000VA64YA7	VOW 125.8TL OPENV	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0012495295	VOW 129.1TL OPENB	EUR	2,2150	2,6350	2,2150			2,6350					
Certificate	DE000CJ3PL80	VOW 130.3TL OPENZ	EUR	1,2900	1,5900	1,2900			1,5900					
Certificate	NL0012519078	VOW 130.5TL OPENH	EUR	3,3600	3,7400	3,3600	706,0000	1	3,7400	200				
Certificate	DE000VA64YB5	VOW 130.8TL OPENV	EUR	1,1900	1,6550	1,1250	4447,6500	8	1,5100	3435				
Certificate	NL0013018831	VOW 135.88L OPENB	EUR	0,8150	1,2350	0,8150			1,2350					
Certificate	DE000VA9CWL0	VOW 136.1TL OPENV	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CJ3PTL5	VOW 139.3TL OPENZ	EUR	0,4000	0,6900	0,4000			0,6900					
Certificate	NL0013188915	VOW 145.3TL OPENH	EUR											
Certificate	DE000VN9HCE1	VOW 145.6TS OPENV	EUR											
Certificate	NL0013156714	VOW 145.7BL OPENB	EUR											
Certificate	DE000VA90UT0	VOW 146.2TL OPENV	EUR											
Certificate	NL0013164163	VOW 148.88S OPENB	EUR	0,8050	0,8050	0,3750			0,3750					
Certificate	NL0013190853	VOW 150.3TS OPENH	EUR	4,5700	4,5700	4,2300			4,2300					
Certificate	DE000VN9G7P1	VOW 150.6TS OPENV	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000VN9G5Y7	VOW 155.6TS OPENV	EUR	1,3000	1,3000	1,0000	780,0000	1	1,0000	600				
Certificate	NL0013152051	VOW 157.4TS OPENB	EUR	2,7650	2,7650	2,3450			2,3450					
Certificate	NL0013149131	VOW 158.78S OPENB	EUR	1,7950	1,7950	1,3750			1,3750					
Certificate	NL0012918767	VOW 160.8TS OPENH	EUR	5,8800	5,8800	5,5400			5,5400					
Certificate	DE000VA64X58	VOW 161.3TS OPENV	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CJ3P7R0	VOW 162.6TS OPENZ	EUR	2,0300	2,0300	1,7300			1,7300					
Certificate	DE000VA64X66	VOW 166.3TS OPENV	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	NL0012970693	VOW 167.2TS OPENB	EUR	3,8150	3,8150	3,3100	1722,5000	2	3,3950	500				
Certificate	NL0012909840	VOW 167.7TS OPENH	EUR	6,7500	6,7500	6,4100			6,4100					
Certificate	NL0012998710	VOW 168.78S OPENB	EUR	2,7950	2,7950	2,3750			2,3750					
Certificate	DE000VA64X74	VOW 171.3TS OPENV	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	NL0012865067	VOW 172.7TS OPENH	EUR	7,3700	7,3700	7,0300			7,0300					
Certificate	DE000VA64X82	VOW 176.3TS OPENV	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	NL0012681670	VOW 176.8TS OPENB	EUR	4,8550	4,8550	4,4350			4,4350					
Certificate	DE000CV89Z14	VOW 177.6TS OPENZ	EUR	3,5100	3,5100	3,2200			3,2200					
Certificate	NL0013147580	VOW 178.78S OPENB	EUR	3,7950	3,7950	3,3750			3,3750					
Certificate	DE000VA64X90	VOW 181.3TS OPENV	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	NL0012565816	VOW 183.3TS OPENH	EUR	8,6800	8,6800	8,3500			8,3500					
Certificate	DE000VA87F04	VOW 185.9TS OPENV	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	DE000VA87F38	VOW 190.9TS OPENV	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	NL0012531537	VOW 191.6TS OPENH	EUR	9,7200	9,7200	9,3900			9,3900					
Certificate	NL0012536858	VOW 191.7TS OPENH	EUR	9,7300	9,7300	9,4100			9,4100					
Certificate	NL0012615710	VOW 192.3TS OPENH	EUR	9,8000	9,8000	9,4700			9,4700					
Certificate	DE000CJ3NQF8	VOW 197.6TS OPENZ	EUR	5,5100	5,5100	5,2200			5,2200					
Certificate	NL0012558340	VOW 201.9TS OPENH	EUR	11,0000	11,0000	10,6800			10,6800					
Certificate	NL0011251657	VOW 205.8TS OPENB	EUR	7,9750	7,9750	7,5550			7,5550					
Certificate	NL0012545768	VOW 211.6TS OPENH	EUR	12,2300	12,2300	11,8900			11,8900					
Certificate	NL0012558332	VOW 231.3TS OPENH	EUR	14,6800	14,6800	14,3500			14,3500					
Certificate	DE000CN6F024	VOW 95.67TL OPENZ	EUR	4,7400	5,0400	4,7400			5,0400					
Certificate	DE000CJ3QFM0	VTLN 38.4TL OPENZ	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CJ3PFJ8	VTLN 45.44TL OPENZ	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CV8AVB7	VTLN 53.48TL OPENZ	EUR											
Certificate	NL0009262484	VW 39.6TL OPENB	EUR											
Certificate	NL0009336866	VW 46.3TL OPENB	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	DE000CN6G6N1	WALMT 61.9TL OPENZ	EUR	2,8400	2,8400	2,8300			2,8300					
Certificate	NL0011411285	WALTD 135TS OPENH	EUR											
Certificate	NL0010248795	WALTD 37.4TL OPENB	EUR	68,1700	68,1700	68,1700			68,1700					
Certificate	NL0010381554	WALTD 60.9TL OPENB	EUR	48,8100	48,8100	48,8100			48,8100					
Certificate	NL0010520474	WALTD 67.7TL OPENB	EUR	43,1900	43,1900	43,1900			43,1900					
Certificate	NL0010656138	WALTD 80.1TL OPENB	EUR	33,0000	33,0000	33,0000			33,0000					
Certificate	NL0010906624	WALTD 88.1TL OPENB	EUR	26,4700	26,4700	26,4700			26,4700					
Certificate	NL0011411293	WALTD123.4TS OPENH	EUR											
Certificate	DE000CN6H962	WALTD83.42TL OPENZ	EUR	25,2400	25,4100	25,2400			25,4100					
Certificate	DE000CR4H7N1	WALTD92.06TL OPENZ	EUR	1,7600	1,7700	1,7600			1,7700					
Certificate	DE000CP23730	WDIG 100TL OPENC	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	DE000CP23324	WDIG 100TL OPENC	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	DE000CP23748	WDIG 120TL OPENC	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CP23409	WDIG 120TL OPENC	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000CP23KH5	WDIG 130TL OPENC	EUR											
Certificate	DE000CP23946	WDIG 130TL OPENC	EUR											
Certificate	DE000CP23RZ2	WDIG 140TS OPENC	EUR											
Certificate	DE000CP23PV5	WDIG 140TS OPENC	EUR											
Certificate	DE000CP23KJ1	WDIG 150TS OPENC	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	DE000CP23953	WDIG 150TS OPENC	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CP23961	WDIG 160TS OPENC	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CV52ZU7	WDIG 170TS OPENC	EUR	3,2900	3,2900	3,2900			3,2900					



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	DE000CV52ZV5	WDIG 180TS OPENC	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	DE000CE6FNH5	WDIG 77.8TL OPENZ	EUR	5,8000	5,9100	5,8000			5,9100					
Certificate	DE000CV889V4	WDIG 96.1TL OPENZ	EUR	3,9900	4,0900	3,9900			4,0900					
Certificate	DE000CV88ET4	WDIG 106.2TL OPENZ	EUR	2,9900	3,0900	2,9900			3,0900					
Certificate	DE000CV88R98	WDIG 116.2TL OPENZ	EUR	2,0100	2,1100	2,0100			2,1100					
Certificate	DE000CJ3QK80	WDIG 126.1TL OPENZ	EUR	1,0300	1,4500	1,0300	249,9200	2		176				
Certificate	DE000CE6FHY2	WDIG 69.56TL OPENZ	EUR	6,6200	6,7300	6,6200			6,7300					
Certificate	DE000CE6FQB1	WDIG 85.97TL OPENZ	EUR	4,9900	5,1000	4,9900			5,1000					
Certificate	DE000CD64C87	WDPP 59.6TL OPENZ	EUR	2,9150	2,9150	2,9150			2,9150					
Certificate	NL0013006679	WDPP 101.88L OPENB	EUR	1,5350	1,5550	1,5350			1,5550					
Certificate	DE000CV89VD0	WDPP 102.7TL OPENZ	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	NL0013006687	WDPP 106.88L OPENB	EUR	1,0350	1,0550	1,0350			1,0550					
Certificate	DE000CJ3QLQ9	WDPP 111.7TL OPENZ	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	NL0013158090	WDPP 111.88L OPENB	EUR	0,5350	0,5550	0,5350			0,5550					
Certificate	NL0013006802	WDPP 122.28S OPENB	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000CV89WH9	WDPP 130.6TS OPENZ	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	NL0013007750	WDPP 132.18S OPENB	EUR	1,9650	1,9650	1,9650			1,9650					
Certificate	DE000CD64DY5	WDPP 70.32TL OPENZ	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	DE000CD64C04	WDPP 76.65TL OPENZ	EUR	2,1050	2,1050	2,1050			2,1050					
Certificate	DE000CE6CY70	WDPP 83.98TL OPENZ	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	DE000CV4ZVE7	WDPP 92.31TL OPENZ	EUR	1,3550	1,3550	1,3550			1,3550					
Certificate	NL0013006661	WDPP 96.75BL OPENB	EUR	2,0350	2,0550	2,0350			2,0550					
Certificate	DE000CJ3QVK1	WEED 27TL OPENZ	EUR	2,2100	2,2900	2,2100			2,2900					
Certificate	DE000CJ3PD80	WEED 62TL OPENZ	EUR											
Certificate	DE000CJ3PSR4	WEED 30.5TL OPENZ	EUR	1,7900	1,8800	1,7900			1,8800					
Certificate	DE000CJ3PHH8	WEED 43.5TL OPENZ	EUR											
Certificate	DE000CJ3PRJ3	WEED 34.48TL OPENZ	EUR	1,3100	1,3900	1,3100			1,3900					
Certificate	DE000CJ3QVL9	WEED 37.98TL OPENZ	EUR	0,8700	0,9500	0,8700			0,9500					
Certificate	DE000CJ3PHG0	WEED 38.98TL OPENZ	EUR											
Certificate	NL0012796262	WEREL 33BON0919Z	EUR	28,2100	28,2100	28,2100			28,2100					
Certificate	NL0012686661	WEREL 21.7TL OPENB	EUR	8,1250	8,4950	8,1250			8,4950					
Certificate	NL0010720827	WEREL 23.1TL OPENH	EUR	0,6300	0,6700	0,6300			0,6700					
Certificate	NL0012682785	WEREL 24.2TL OPENB	EUR	5,8150	6,1850	5,8150	1190,0000	1	6,1850	200				
Certificate	NL0011816186	WEREL 26.7TL OPENB	EUR	3,5550	3,9250	3,5550			3,9250					
Certificate	NL0013159536	WEREL 30.2TS OPENB	EUR	5,7650	5,7650	5,7650			5,7650					
Certificate	NL0012796270	WEREL 34.5BON1219Z	EUR	27,9300	27,9300	27,9300			27,9300					
Certificate	NL0012681688	WEREL 35.2TS OPENB	EUR	11,3550	11,3550	10,9650			10,9650					
Certificate	NL0013013758	WEREL 40.2TS OPENB	EUR	16,8850	16,8850	16,4950			16,4950					
Certificate	NL0011235403	WEREL 45.9TS OPENH	EUR	2,1900	2,1900	2,1700			2,1700					
Certificate	NL0010932513	WEREL 49.4TS OPENB	EUR	27,0350	27,0350	26,6450			26,6450					
Certificate	NL0011045018	WEREL 49.6TS OPENH	EUR	2,5900	2,5900	2,5700			2,5700					
Certificate	NL0011045000	WEREL 53.3TS OPENH	EUR	2,9900	2,9900	2,9700			2,9700					
Certificate	DE000CJ3NQG6	WEREL18.11TL OPENZ	EUR	10,0400	10,0400	10,0400			10,0400					
Certificate	DE000CV4ZUV3	WEREL22.12TL OPENZ	EUR	6,0500	6,0500	6,0500			6,0500					
Certificate	NL0012688741	WEREL22.23BL OPENB	EUR	5,8850	6,2550	5,8850			6,2550					
Certificate	NL0012685994	WEREL24.27BL OPENB	EUR	3,8450	4,2150	3,8450			4,2150					
Certificate	DE000CV4ZUW1	WEREL25.12TL OPENZ	EUR	2,5700	3,3000	2,4300	1189,0000	4	3,0600	370				
Certificate	NL0012682470	WEREL26.32BL OPENB	EUR	1,7950	2,7000	1,7950	724,0000	3	2,1650	300				
Certificate	NL0013165038	WEREL28.08BS OPENB	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	DE000CD61QB1	WEREL28.14TL OPENZ	EUR											
Certificate	NL0013151681	WEREL31.08BS OPENB	EUR	3,5950	3,5950	3,2050			3,2050					
Certificate	DE000CJ3QCJ3	WEREL31.52TS OPENZ	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	NL0012681993	WEREL34.08BS OPENB	EUR	6,5950	6,5950	5,7500	575,0000	1	6,2050	100				
Certificate	DE000CV4Z2G3	WEREL35.01TS OPENZ	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	NL0012682009	WEREL36.99BS OPENB	EUR	9,5050	9,5050	9,1150			9,1150					
Certificate	DE000CD62T23	WEREL39.49TS OPENZ	EUR	11,4800	11,4800	11,4800			11,4800					
Certificate	NL0013157803	WESSA 5.3BL OPENB	EUR	3,3100	3,6200	3,3100			3,6200					
Certificate	NL0012998990	WESSA 7.3BL OPENB	EUR	0,1350	0,1650	0,1350			0,1650					
Certificate	NL0013158108	WESSA 8.3BL OPENB	EUR											
Certificate	NL0013005127	WESSA 6.29BL OPENB	EUR	0,2350	0,2700	0,2350	1600,0000	2	0,2650	6000				
Certificate	NL0013157498	WESSA 6.82TL OPENB	EUR	2,2400	2,5400	2,2400			2,5400					
Certificate	NL0013005887	WESSA 7.32TL OPENB	EUR	1,8100	2,1100	1,8100			2,1100					
Certificate	NL0013005473	WESSA 7.81TL OPENB	EUR	1,3700	1,6700	1,3700			1,6700					
Certificate	NL0013158322	WESSA 8.31TL OPENB	EUR											
Certificate	DE000CJ3QLY3	WESSA 8.31TL OPENZ	EUR											
Certificate	NL0013158660	WESSA 8.81TL OPENB	EUR											
Certificate	NL0013162803	WESSA 9.43TS OPENB	EUR	2,5200	2,5200	2,2000			2,2000					
Certificate	NL0013161284	WESSA 9.43TS OPENB	EUR											
Certificate	NL0013153620	WESSA10.29BS OPENB	EUR	2,3500	2,3500	2,0200			2,0200					
Certificate	NL0013005671	WESSA10.43TS OPENB	EUR	3,6600	3,6600	3,3400			3,3400					
Certificate	NL001299726	WESSA11.43TS OPENB	EUR	4,7900	4,7900	4,4700			4,4700					
Certificate	NL0012988083	WESSA12.29BS OPENB	EUR	0,4350	0,4350	0,4050			0,4050					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012988265	WESSA12.43TS OPENB	EUR	5,9400	5,9400	5,6200			5,6200					
Certificate	NL0012982847	WESSA14.27BS OPENB	EUR	0,6350	0,6350	0,6050	1240,0000	1	0,6050	2000				
Certificate	DE000CE6F0N4	WESSA18.48TS OPENZ	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000CJ3NOC9	WESSA5.201TL OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CN6HMS4	WESSA6.723TL OPENZ	EUR	0,4200	0,4700	0,4200	18,9000	1	0,4700	45				
Certificate	DE000CJ3NOD7	WESSA7.516TL OPENZ	EUR	0,2400	0,2800	0,2400	260,0000	2	0,2700	1000				
Certificate	DE000CR9QDJ8	WEST 15.76TL OPENZ	EUR	0,5600	0,5700	0,5600			0,5700					
Certificate	DE000CN6HJ26	WFC 40.32TL OPENZ	EUR	0,7500	0,7500	0,6900			0,6900					
Certificate	DE000VL51282	WHEAT LEVOPENV	EUR											
Certificate	DE000VN61008	WHEAT LEVOPENV	EUR	0,0650	0,0650	0,0650			0,0650					
Certificate	DE000VN61022	WHEAT LEVOPENV	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	DE000VN61016	WHEAT LEVOPENV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000VL23R53	WHEAT SHROPENV	EUR	0,0450	0,0450	0,0450			0,0450					
Certificate	DE000VN61040	WHEAT SHROPENV	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000VN61024	WHEAT SHROPENV	EUR	3,6850	3,6850	3,6850			3,6850					
Certificate	DE000VN61032	WHEAT SHROPENV	EUR	0,1800	0,1850	0,1700	2334,6500	3	0,1850	13198				
Certificate	NL0013192586	WHEAT 5TL OPENH	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	NL0013192438	WHEAT 6TS OPENH	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0013192602	WHEAT 4.9TL OPENH	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	NL0013192560	WHEAT 5.1TL OPENH	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	NL0013192537	WHEAT 5.4TS OPENH	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	NL0013192511	WHEAT 5.5TS OPENH	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	NL0013192495	WHEAT 5.6TS OPENH	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0013192479	WHEAT 5.7TS OPENH	EUR	0,9000	0,9400	0,9000	18200,0000	2	0,9400	20000				
Certificate	NL0013192453	WHEAT 5.8TS OPENH	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0013192446	WHEAT 5.9TS OPENH	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0013192420	WHEAT 6.1TS OPENH	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0013192412	WHEAT 6.2TS OPENH	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0012543144	WHEAT 4.37TL OPENH	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0012543136	WHEAT 4.48TL OPENH	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	NL0012543128	WHEAT 4.58TL OPENH	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	NL0012543110	WHEAT 4.68TL OPENH	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	NL0012543102	WHEAT 4.78TL OPENH	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	NL0012543094	WHEAT 4.88TL OPENH	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	NL0013192594	WHEAT 4.95TL OPENH	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	NL0013192578	WHEAT 5.05TL OPENH	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	NL0013192552	WHEAT 5.15TL OPENH	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	NL0013192545	WHEAT 5.38TS OPENH	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0013192529	WHEAT 5.45TS OPENH	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	NL0013192503	WHEAT 5.55TS OPENH	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0013192487	WHEAT 5.65TS OPENH	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0013192461	WHEAT 5.75TS OPENH	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CY51CV6	WOLTE 30TL OPENC	EUR	24,0700	24,0700	24,0700			24,0700					
Certificate	DE000CY16LQ0	WOLTE 30TL OPENC	EUR	23,9900	23,9900	23,9900			23,9900					
Certificate	DE000CY517G9	WOLTE 32TL OPENC	EUR	22,0900	22,0900	22,0900			22,0900					
Certificate	DE000CY16HV8	WOLTE 32TL OPENC	EUR	21,9400	21,9400	21,9400			21,9400					
Certificate	DE000CY514Y9	WOLTE 34TL OPENC	EUR	19,3900	19,3900	19,3900			19,3900					
Certificate	DE000CY517H7	WOLTE 34TL OPENC	EUR	20,1200	20,1200	20,1200			20,1200					
Certificate	DE000CY51813	WOLTE 36TL OPENC	EUR	17,3700	17,3700	17,3700			17,3700					
Certificate	DE000CY51CW4	WOLTE 36TL OPENC	EUR	18,1600	18,1600	18,1600			18,1600					
Certificate	DE000CY51KK2	WOLTE 38TL OPENC	EUR	15,3800	15,3800	15,3800			15,3800					
Certificate	DE000CY522T2	WOLTE 38TL OPENC	EUR	16,2600	16,2600	16,2600			16,2600					
Certificate	DE000CY51CY0	WOLTE 46TS OPENC	EUR											
Certificate	DE000CY51XJ7	WOLTE 50TS OPENC	EUR											
Certificate	NL0012987291	WOLTE 56BOC0619B	EUR	53,1700	53,4200	53,1700			53,4200					
Certificate	NL0010893756	WOLTE 16.7TL OPENB	EUR	36,8600	37,2600	36,8600			37,2600					
Certificate	NL0010904512	WOLTE 18.9TL OPENB	EUR	34,8400	35,2400	34,8400			35,2400					
Certificate	NL0011053053	WOLTE 21.9TL OPENH	EUR	32,0000	32,3900	32,0000			32,3900					
Certificate	NL0011651401	WOLTE 28.5TL OPENB	EUR	25,9100	26,3100	25,9100			26,3100					
Certificate	NL0012055743	WOLTE 33.5TL OPENH	EUR	21,2100	21,6000	21,2100			21,6000					
Certificate	NL0012108849	WOLTE 33.7TL OPENB	EUR	21,0000	21,4000	21,0000			21,4000					
Certificate	NL0012494678	WOLTE 40.7BOC1218B	EUR	40,6000	40,6000	40,6000			40,6000					
Certificate	NL0012648885	WOLTE 42.5BON0619Z	EUR	52,5050	52,5050	52,4400			52,4400					
Certificate	NL0012649263	WOLTE 45.5BOC0619Z	EUR	45,3400	45,3550	45,3400			45,3550					
Certificate	NL0012978647	WOLTE 47.2TL OPENB	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	NL0012979967	WOLTE 48.2TL OPENB	EUR	7,5100	7,9100	7,5100			7,9100					
Certificate	NL0013150253	WOLTE 49.2TL OPENB	EUR	6,6200	7,0200	6,6200			7,0200					
Certificate	NL0013151905	WOLTE 50.2TL OPENB	EUR	5,7000	6,1000	5,7000			6,1000					
Certificate	NL0013157506	WOLTE 51.2TL OPENB	EUR	4,7100	5,1100	4,7100			5,1100					
Certificate	NL0013159379	WOLTE 52.2TL OPENB	EUR											
Certificate	NL001298447	WOLTE 54.6TS OPENB	EUR	6,7000	6,7000	6,3000			6,3000					
Certificate	NL0012987440	WOLTE 56.6TS OPENB	EUR	8,7700	8,7700	8,3700			8,3700					



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	NL0012920961	WOLTE 57.475 OPENH	EUR	9,7200	9,7200	9,4700	285,0000	1	9,4700	30				
Certificate	NL0013004047	WOLTE 57.785 OPENB	EUR	5,7000	5,7000	5,3000			5,3000					
Certificate	NL0011053046	WOLTE24.02TL OPENH	EUR	30,0300	30,4100	30,0300			30,4100					
Certificate	NL0011995568	WOLTE28.35TL OPENH	EUR	26,0000	26,3900	26,0000			26,3900					
Certificate	DE000CN6F602	WOLTE28.63TL OPENZ	EUR	12,0700	12,0700	12,0250			12,0250					
Certificate	NL0011739164	WOLTE29.39TL OPENH	EUR	25,0300	25,4200	25,0300			25,4200					
Certificate	DE000CN6K537	WOLTE31.13TL OPENZ	EUR	10,8100	10,8100	10,7750			10,7750					
Certificate	NL0012049191	WOLTE31.46TL OPENH	EUR	23,1100	23,5000	23,1100			23,5000					
Certificate	DE000CF6BEP6	WOLTE34.11TL OPENZ	EUR	9,3200	9,3200	9,2850			9,2850					
Certificate	NL0012435937	WOLTE34.53TL OPENH	EUR	20,2500	20,6400	20,2500			20,6400					
Certificate	NL0012516256	WOLTE36.55TL OPENH	EUR	18,3700	18,7500	18,3700			18,7500					
Certificate	NL0012523005	WOLTE37.54TL OPENH	EUR	17,4500	17,8400	17,4500			17,8400					
Certificate	DE000CF6ETD4	WOLTE37.59TL OPENZ	EUR	7,5800	7,5800	7,5400			7,5400					
Certificate	NL0012525224	WOLTE38.59TL OPENH	EUR	16,4700	16,8600	16,4700			16,8600					
Certificate	NL0012582258	WOLTE39.54TL OPENH	EUR	15,5900	15,9800	15,5900			15,9800					
Certificate	NL0012595607	WOLTE40.59TL OPENH	EUR	14,6100	15,0000	14,6100			15,0000					
Certificate	DE000CV88AQ8	WOLTE41.57TL OPENZ	EUR	5,6000	5,6000	5,5600			5,5600					
Certificate	NL0012606800	WOLTE42.55TL OPENH	EUR	12,7800	13,1700	12,7800			13,1700					
Certificate	NL0013008808	WOLTE43.368L OPENB	EUR	9,3200	9,7200	9,3200			9,7200					
Certificate	NL0012787360	WOLTE44.368L OPENB	EUR	8,3200	8,7200	8,3200			8,7200					
Certificate	NL0012614259	WOLTE44.49TL OPENH	EUR	10,9800	11,3700	10,9800			11,3700					
Certificate	NL0013008816	WOLTE45.378L OPENB	EUR	7,3100	7,7100	7,3100			7,7100					
Certificate	DE000CV89960	WOLTE45.53TL OPENZ	EUR	3,6300	3,6300	3,5950			3,5950					
Certificate	NL0012793160	WOLTE46.388L OPENB	EUR	6,3000	6,7000	6,3000			6,7000					
Certificate	NL0012865083	WOLTE46.45TL OPENH	EUR	9,1500	9,5400	9,1500			9,5400					
Certificate	NL0012973630	WOLTE47.398L OPENB	EUR	5,2900	5,6900	5,2900			5,6900					
Certificate	NL0012927636	WOLTE48.25TL OPENH	EUR	7,4800	7,8700	7,4800			7,8700					
Certificate	NL0013012057	WOLTE48.398L OPENB	EUR	4,2900	4,6900	4,2900			4,6900					
Certificate	NL0013151541	WOLTE49.398L OPENB	EUR	3,2900	3,6900	3,2900			3,6900					
Certificate	DE000CJ3QCT2	WOLTE50.01TL OPENZ	EUR	1,4200	1,4200	1,3850			1,3850					
Certificate	NL0013151558	WOLTE50.398L OPENB	EUR	2,2900	2,6900	2,2900			2,6900					
Certificate	NL0013157811	WOLTE51.398L OPENB	EUR	1,2900	1,6900	1,2900			1,6900					
Certificate	NL0013158967	WOLTE52.378L OPENB	EUR											
Certificate	NL0012936751	WOLTE55.28TS OPENH	EUR	7,4400	7,4400	7,3100			7,3100					
Certificate	NL0012980221	WOLTE55.718S OPENB	EUR	3,7100	3,7100	3,3100			3,3100					
Certificate	NL0012935845	WOLTE57.25TS OPENH	EUR	9,5700	9,5700	9,4400			9,4400					
Certificate	NL0012926604	WOLTE57.34TS OPENH	EUR	9,6600	9,6600	9,5300			9,5300					
Certificate	NL0012852354	WOLTE59.22TS OPENH	EUR	11,6900	11,6900	11,5600			11,5600					
Certificate	NL0012915169	WOLTE59.33TS OPENH	EUR	11,8100	11,8100	11,6800			11,6800					
Certificate	NL0012988315	WOLTE59.698S OPENB	EUR	7,6900	7,6900	7,2900			7,2900					
Certificate	NL0012892426	WOLTE63.95TS OPENH	EUR	16,8100	16,8100	16,5600			16,5600					
Certificate	NL0012900062	WOLTE64.03TS OPENH	EUR	16,8800	16,8800	16,7500			16,7500					
Certificate	DE000CN6JM81	WPM 15TL OPENZ	EUR	1,8850	1,9750	1,8850			1,9750					
Certificate	DE000CV8BD11	WPM 12.3TL OPENZ	EUR	0,8250	0,8550	0,8250			0,8550					
Certificate	DE000CN6GV6C	WPM 10.62TL OPENZ	EUR	5,5550	5,6650	5,5550			5,6650					
Certificate	DE000CN6JC13	WPM 13.35TL OPENZ	EUR	3,2650	3,3550	3,2650			3,3550					
Certificate	DE000CV89BC4	WPM 18.44TL OPENZ	EUR											
Certificate	DE000VA54547	XAG LEVOPENV	EUR	5,5750	5,5750	5,5750			5,5750					
Certificate	DE000CJ3QX50	XFAB 2.87TL OPENZ	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CJ3QB2	XFAB 3.22TL OPENZ	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CJ3PK77	XFAB 3.62TL OPENZ	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000CJ3N682	XFAB 4.04TL OPENZ	EUR	0,2100	0,2200	0,2100	273,0000	2	0,2200	1300				
Certificate	DE000CV8BEE5	XFAB 4.53TL OPENZ	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	DE000CJ3QJ75	XFAB 4.96TL OPENZ	EUR											
Certificate	DE000CJ3PS18	XIACB 7.53TL OPENZ	EUR	0,7100	0,7150	0,7100			0,7150					
Certificate	DE000CJ3PBV6	XIACB 8.53TL OPENZ	EUR	0,6100	0,6150	0,6100			0,6150					
Certificate	DE000CJ3N1N4	XIACB 9.53TL OPENZ	EUR	0,5000	0,5050	0,5000			0,5050					
Certificate	DE000CJ3NYF2	XIACB10.53TL OPENZ	EUR	0,4000	0,4000	0,3950			0,3950					
Certificate	DE000CJ3PV47	XIACB11.55TL OPENZ	EUR	0,2900	0,2900	0,2850			0,2850					
Certificate	DE000CJ3PY02	XIACB12.54TL OPENZ	EUR	0,1800	0,1850	0,1800			0,1850					
Certificate	DE000CJ3QRF9	XIACB14.04TL OPENZ	EUR											
Certificate	DE000CV8ASC1	XIACB17.34TL OPENZ	EUR											
Certificate	DE000CV8B292	XIACB17.37TL OPENZ	EUR											
Certificate	DE000CN6KP07	YAND 16.55TL OPENZ	EUR	2,0150	2,0150	1,8850			1,8850					
Certificate	DE000CV89B12	YAND 21.04TL OPENZ	EUR	1,2250	1,2250	1,0950			1,0950					
Certificate	DE000CJ3PGP3	YAND 23.03TL OPENZ	EUR	0,8750	0,8750	0,7450			0,7450					
Certificate	DE000CJ3PGQ1	YAND 25.04TL OPENZ	EUR	0,5250	0,5250	0,4050			0,4050					
Certificate	DE000CJ3PRM7	YAND 27.04TL OPENZ	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	DE000CJ3PG95	YAND 32.24TS OPENZ	EUR	0,7850	0,9250	0,7850			0,9250					
Certificate	DE000CJ3PE22	YAND 35.75TS OPENZ	EUR	1,4050	1,5450	1,4050			1,5450					
Certificate	DE000CV88AS4	YAND 39.76TS OPENZ	EUR	2,1050	2,2550	2,1050			2,2550					
Certificate	DE000CV4ZQC1	YAND 44.83TS OPENZ	EUR	2,9950	3,1450	2,9950			3,1450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD61959	YAR 232.7TL OPENZ	EUR	1,0500	1,1450	1,0500			1,1450					
Certificate	DE000CNGHTG9	YAR 263.6TL OPENZ	EUR	0,7300	0,8250	0,7300	1520,0000	1	0,8250	2000				
Certificate	DE000CE6DY20	YAR 314.2TL OPENZ	EUR	0,2200	0,3150	0,2200			0,3150					
Certificate	NL0010046116	YUM B 54.3TL OPENB	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	NL0010046108	YUM B 57.2TL OPENB	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	DE000CJ3PSH5	YY 40.66TL OPENZ	EUR	2,2050	2,3050	2,2050			2,3050					
Certificate	DE000CJ3PEQ6	YY 47.76TL OPENZ	EUR	1,6150	1,7150	1,6150			1,7150					
Certificate	DE000CV8BD29	YY 54.71TL OPENZ	EUR	1,0450	1,1450	1,0450			1,1450					
Certificate	DE000CJ3QC56	YY 62.75TL OPENZ	EUR											
Certificate	DE0005715155	Z KOREA CT OPENN	EUR	205,9400	205,9400	205,9400			205,9400					
Certificate	NL0013164833	ZALG 17.64BL OPENB	EUR	1,7650	1,8450	1,7650			1,8450					
Certificate	DE000CJ3QH88	ZALG 17.72TL OPENZ	EUR	1,7800	1,8700	1,7800			1,8700					
Certificate	NL0013154370	ZALG 20.15BL OPENB	EUR	1,2650	1,3450	1,2650			1,3450					
Certificate	DE000CJ3P9R6	ZALG 20.73TL OPENZ	EUR	1,2100	1,2900	1,2100			1,2900					
Certificate	NL0013153968	ZALG 22.65BL OPENB	EUR	0,7650	0,8450	0,7650			0,8450					
Certificate	DE000CJ3NVU7	ZALG 24.19TL OPENZ	EUR	0,5500	0,6300	0,5500			0,6300					
Certificate	NL0012998728	ZALG 25.15BL OPENB	EUR											
Certificate	NL0013163488	ZALG 27.22BS OPENB	EUR	0,4350	0,4350	0,3550			0,3550					
Certificate	NL0013154420	ZALG 29.73BS OPENB	EUR	0,9350	0,9350	0,8550			0,8550					
Certificate	NL0013151699	ZALG 32.22BS OPENB	EUR	1,4350	1,4350	1,3550			1,3550					
Certificate	NL0013149552	ZALG 34.71BS OPENB	EUR	1,9250	1,9250	1,8550			1,8550					
Certificate	NL0012998769	ZALG 44.64BS OPENB	EUR	3,9150	3,9150	3,8350			3,8350					
Certificate	NL0000455848	ZILVER CT OPENN	EUR	12,7800	12,8100	12,7800			12,8100					
Certificate	DE000CR9SS46	ZURIC168.4TL OPENZ	EUR	1,1350	1,1450	1,1350			1,1450					
Certificate	DE000CN6L1E4	ZURIC192.6TL OPENZ	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	DE000CD62L21	ZURIC218.2TL OPENZ	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CE6D3W1	ZURIC259.6TL OPENZ	EUR	0,3250	0,3350	0,3250			0,3350					
Government bond	NL0000006286	LEDGER2.5%29JUL49	NLG											
Government bond	NL0000002707	LEDGER3.5%29DEC49	NLG											
Government bond	NL0000004802	LEDGER3%29SEP49	NLG											
Government bond	NL0010071189	NED 2.5%15JAN33	EUR											
Government bond	NL0009712470	NEDER 3.25%15JUL21	EUR											
Government bond	NL0009348242	NEDER 3.5% 15JUL20	EUR											
Government bond	NL0009086115	NEDER 4%15JUL19	EUR											
Government bond	NL0000102275	NEDER3.75%15JAN23	EUR											
Government bond	NL0000102234	NEDER4%15JAN37	EUR											
Government bond	NL0000102317	NEDER5.5%15JAN28	EUR	146,7200	146,8000	146,7200	25338,8900	2	146,8000	17269				
Government bond	NL0000102077	NEDER7.5%15JAN23	EUR	132,2000	132,3000	132,2000	20974,4200	5	132,3000	15859				
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	103,1000	103,1000	103,1000	1031,0000	1	103,1000	1000				
Government bond	NL0012650469	NL 0% 15JAN24	EUR											
Government bond	NL0010514246	NL 1.25%15JAN2019	EUR											
Government bond	NL0010418810	NL 1.75%15JUL23	EUR	109,2100	109,2100	109,2100	65526,0000	1	109,2100	60000				
Government bond	NL0010060257	NL 2.25%15JUL22	EUR											
Government bond	NL0010721999	NL 2.75%15JAN47	EUR											
Government bond	NL0010733424	NL 2%15JUL2024	EUR											
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	NL0013217805	NL DTC 31MAY19	EUR											
Government bond	NL0011613435	NL STRIP 15JAN19	EUR											
Government bond	NL0011613849	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	NL0011613906	NL STRIP 15JAN22	EUR											
Government bond	NL0011613492	NL STRIP 15JAN22	EUR											
Government bond	NL0011613518	NL STRIP 15JAN23	EUR											
Government bond	NL0011613922	NL STRIP 15JAN23	EUR											
Government bond	NL0011613930	NL STRIP 15JAN24	EUR											
Government bond	NL0011613534	NL STRIP 15JAN24	EUR											
Government bond	NL0011613559	NL STRIP 15JAN25	EUR											
Government bond	NL0011613948	NL STRIP 15JAN25	EUR											
Government bond	NL0011613575	NL STRIP 15JAN26	EUR											
Government bond	NL0011613955	NL STRIP 15JAN26	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	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	NL0011614045	NL STRIP 15JAN35	EUR											
Government bond	NL0011613666	NL STRIP 15JAN35	EUR											
Government bond	NL0011614052	NL STRIP 15JAN36	EUR											
Government bond	NL0011613674	NL STRIP 15JAN36	EUR											
Government bond	NL0011613682	NL STRIP 15JAN37	EUR											
Government bond	NL0011614060	NL STRIP 15JAN37	EUR											
Government bond	NL0011614078	NL STRIP 15JAN38	EUR											
Government bond	NL0011613690	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	NL0011613724	NL STRIP 15JAN41	EUR											
Government bond	NL0011614102	NL STRIP 15JAN41	EUR											
Government bond	NL0011613732	NL STRIP 15JAN42	EUR											
Government bond	NL0011614110	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	NL0011613856	NL STRIP 15JUL19	EUR											
Government bond	NL0011613443	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	100,4200	100,4200	100,4200	40168,0000	1	100,4200	40000				
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											



Instrument Type	Exchange Instrument ID	Instrument 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	NL0000003531	NLRENT 2C15JAN31	EUR											
Government bond	NL0000003549	NLRENT 2C15JAN32	EUR											
Government bond	NL0000003556	NLRENT 2C15JAN33	EUR											
Government bond	NL0000003564	NLRENT 2C15JAN34	EUR											
Government bond	NL0000003572	NLRENT 2C15JAN35	EUR											
Government bond	NL0000003580	NLRENT 2C15JAN36	EUR											
Government bond	NL0009446616	NLRENT 2C15JAN38	EUR											
Government bond	NL0009446624	NLRENT 2C15JAN39	EUR											
Government bond	NL0009446632	NLRENT 2C15JAN40	EUR											
Government bond	NL0009446640	NLRENT 2C15JAN41	EUR											
Government bond	NL0009446657	NLRENT 2C15JAN42	EUR											
Government bond	NL0009086214	NLRENT 2C15JUL19	EUR											
Government bond	NL0009363761	NLRENT 2C15JUL20	EUR											
Government bond	NL0009712504	NLRENT 2C15JUL21	EUR											
Government bond	NL0010060273	NLRENT 2C15JUL22	EUR											
Government bond	NL0000003598	NLRENT 2C15JAN37	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	GB00BJUNQY21	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											
Government bond	GB00B3KJDS62	UKT4.250SEP39REGS	GBP											
Government bond	GB00B1VWPJ53	UKT4.500DEC42	GBP											
Government bond	GB00B39R3F84	UKT4.500MAR19	GBP											
Government bond	GB00B52WS153	UKT4.500SEP34	GBP											
Government bond	GB00B24FF097	UKT4.750DEC30	GBP											
Government bond	GB00B00NY175	UKT4.750DEC38	GBP											
Government bond	GB00B058DQ55	UKT4.750MAR20	GBP											
Government bond	GB0030880693	UKT5.000MAR25	GBP											
Government bond	GB0002404191	UKT6.000DEC28	GBP											
Government bond	GB0009997999	UKT8.000JUN21	GBP											
Government bond	GB00B855FQ54	UKT10.125MAR24	GBP											
Government bond	GB00B3Y1IG82	UKT10.125MAR29	GBP											
Government bond	GB00B7RNOG65	UKT10.125MAR44	GBP											
Government bond	GB00BP9DLZ64	UKT10.125MAR58	GBP											
Government bond	GB00BDX8CX86	UKT10.125MAR68	GBP											
Government bond	GB00B8DR7T29	UKT10.125NOV19	GBP											
Government bond	GB00B732YW09	UKT10.250MAR52	GBP											
Government bond	GB00B4PTCY75	UKT10.375MAR62	GBP											
Government bond	GB00B421JZ66	UKT10.500MAR50	GBP											
Government bond	GB00B3LZBF68	UKT10.625MAR40	GBP											
Government bond	GB00B3MYD345	UKT10.625NOV42	GBP											
Government bond	GB00B46CGH68	UKT10.750MAR34	GBP											
Government bond	GB00B24FFM16	UKT10.750NOV47	GBP											
Government bond	GB00B1L6W962	UKT11.125NOV37	GBP											
Government bond	GB00B128DH60	UKT11.250NOV27	GBP											
Government bond	GB00B3D4VD98	UKT11.250NOV32	GBP											
Government bond	GB00B0CNHZ09	UKT11.250NOV55	GBP											
Government bond	GB00B125HQ14	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	13,5600	13,5600	13,5600	13,5600	1	13,5600	1				
Investment fund	NL0010579074	ACTIAM D eur aand	EUR	19,4900	19,4900	19,4900	24265,0500	2	19,4900	1245				



Instrument Type	Exchange Instrument ID	Instrument 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	NL0010579090	ACTIAM D eur obl	EUR	18,8500	18,8500	18,8500	2770,9500	1	18,8500	147				
Investment fund	NL0010579157	ACTIAM D mix def	EUR											
Investment fund	NL0010579165	ACTIAM D mix neut	EUR											
Investment fund	NL0010579173	ACTIAM D mix off	EUR											
Investment fund	NL0010579124	ACTIAM D Wrld aand	EUR	30,6400	30,6400	30,6400	91,9200	1	30,6400	3				
Investment fund	NL0010579132	ACTIAM eur vastg	EUR											
Investment fund	NL0011309315	ACTIAM VIA EUROPA	EUR	26,2000	26,2000	26,2000	42470,2000	7	26,2000	1621				
Investment fund	NL0011309323	ACTIAM VIA N-AMER	EUR	33,5500	33,5500	33,5500	336741,3500	8	33,5500	10037				
Investment fund	NL0011872635	ACTIAM VIA OPK LAN	EUR	24,0700	24,0700	24,0700	1805779,5400	2	24,0700	75022				
Investment fund	NL0011309331	ACTIAM VIA PACIFIC	EUR	28,6300	28,6300	28,6300	157006,9200	9	28,6300	5484				
Investment fund	NL0011309349	ACTIAM VIA WERELD	EUR	30,7300	30,7300	30,7300	19952067,1000	19	30,7300	649270				
Investment fund	NL0009388743	ADD VALUE FUND	EUR	44,1400	44,1400	44,1400	206707,6200	11	44,1400	4683				
Investment fund	NL0010510822	AFRIKA FONDS-G	EUR	82,7000	82,7000	82,7000	31343,3000	6	82,7000	379				
Investment fund	NL0000685576	AGHY FUND	EUR											
Investment fund	NL0000286896	ALLIANZ AMR EQ 1	EUR	27,0900	27,0900	27,0900	27,0900	1	27,0900	1				
Investment fund	NL0000286979	ALLIANZ ERP EQ 11	EUR	69,6800	69,6800	69,6800	69,6800	1	69,6800	1				
Investment fund	NL0000286904	ALLIANZ EUR OBL 2	EUR	72,3000	72,3000	72,3000	72,3000	1	72,3000	1				
Investment fund	NL0000286938	ALLIANZ PAFC EQ 5	EUR	81,1800	81,1800	81,1800	81,1800	1	81,1800	1				
Investment fund	NL0000286912	ALLIANZ SELECT 3	EUR	99,7200	99,7200	99,7200	12963,6000	1	99,7200	130				
Investment fund	NL0009497965	ALLIANZ WRLD EQ 10	EUR	53,8400	53,8400	53,8400	53,8400	1	53,8400	1				
Investment fund	NL0006311706	Arcona Property Fd	EUR	6,9900	7,0000	6,9900	23386,9900	2	7,0000	3341				
Investment fund	IE00BDH2LR26	ASIAN CAP HOLD A	USD											
Investment fund	IE00BDH2LS33	ASIAN CAP HOLD B	EUR											
Investment fund	NL0011896774	ASN DM DEFENSIEF	EUR	50,9000	50,9000	50,9000	9671,0000	2	50,9000	190				
Investment fund	NL0011896782	ASN DM NEUTRAAL	EUR	50,9900	50,9900	50,9900	224356,0000	1	50,9900	4400				
Investment fund	NL0011896790	ASN DM OFFENSIEF	EUR	51,0600	51,0600	51,0600	45290,2200	1	51,0600	887				
Investment fund	NL0011896808	ASN DM ZEER OFF	EUR	51,1600	51,1600	51,1600	113114,7600	1	51,1600	2211				
Investment fund	NL0011896766	ASN DM ZEERDEF	EUR	50,8100	50,8100	50,8100	35516,1900	1	50,8100	699				
Investment fund	NL0000441301	ASN DZ AANDELEN	EUR	102,8300	102,8300	102,8300	1277662,7500	19	102,8300	12425				
Investment fund	NL0000280089	ASN DZ MIXFONDS	EUR	85,6600	85,6600	85,6600	106132,7400	5	85,6600	1239				
Investment fund	NL0000441244	ASN DZ OBLIGATIE	EUR	28,8200	28,8200	28,8200	339614,8800	8	28,8200	11784				
Investment fund	NL0000290518	ASN DZ SMAL/MIDCAP	EUR	33,9000	33,9000	33,9000	103361,1000	3	33,9000	3049				
Investment fund	NL0012314660	ASN Groenfond	EUR	26,0300	26,0300	26,0300	206235,6900	1	26,0300	7923				
Investment fund	NL0000280501	ASN MILIEU&WATER 2	EUR	28,6900	28,6900	28,6900	725684,8600	15	28,6900	25294				
Investment fund	NL0012314652	ASN Novibfond	EUR	55,7200	55,7200	55,7200	230123,6000	7	55,7200	4130				
Investment fund	NL0006294175	BNP AS PAC HI INC	EUR	53,5700	53,5700	53,5700	91283,2800	6	53,5700	1704				
Investment fund	NL0012727432	BNP ESGNL	EUR	125,2900	125,2900	125,2900	332394,3700	8	125,2900	2653				
Investment fund	NL0006294167	BNP GL HIGH IN EQ	EUR	55,6000	55,6000	55,6000	187983,6000	4	55,6000	3381				
Investment fund	NL0006294092	BNP GL PROP SEC FD	EUR	58,9000	58,9000	58,9000	42643,6000	5	58,9000	724				
Investment fund	NL0006294159	BNP HIGH INC PR FD	EUR	30,7300	30,7300	30,7300	35247,3100	4	30,7300	1147				
Investment fund	NL0006294035	BNP OBAM	EUR	70,4000	70,4000	70,4000	236403,2000	11	70,4000	3358				
Investment fund	NL0010949343	BNP PRM GLB DIV FD	EUR	25,0600	25,0600	25,0600	56685,7200	4	25,0600	2262				
Investment fund	NL0006294118	BNP PRO SEC FD EUR	EUR	63,8400	63,8400	63,8400	22344,0000	2	63,8400	350				
Investment fund	NL0010511002	DD Equity Fund	EUR	161,0300	161,0300	161,0300	113204,0900	6	161,0300	703				
Investment fund	NL0013025539	DD INCOME FUND	EUR	24,3000	24,3000	24,3000	18711,0000	2	24,3000	770				
Investment fund	NL0009445915	DD PROPERTY FUND A	EUR	33,0000	33,0000	33,0000	33,0000	1	33,0000	1				
Investment fund	NL0010949350	DD PROPERTY FUND B	EUR	33,8300	33,8300	33,8300	7780,9000	1	33,8300	230				
Investment fund	NL0012838973	EUR ASSETS TRUST	EUR	1,1100	1,1100	1,1100	1,1100	1	1,1100	1				
Investment fund	IE00BN576201	EUR CAP HOLD CI B	EUR											
Investment fund	NL0010556775	HH CV FUND	EUR	36,5300	36,5300	36,5300	13589,1600	2	36,5300	372				
Investment fund	NL0010514196	HH EM Fund	EUR	81,6300	81,6300	81,6300	6693,6600	1	81,6300	82				
Investment fund	NL0009864495	HH EUR VALUE FUND	EUR	34,8800	34,8800	34,8800	12347,5200	1	34,8800	354				
Investment fund	NL0012061253	HH GLOBAL FUND	EUR	30,2000	30,2000	30,2000	87157,2000	2	30,2000	2886				
Investment fund	NL0009864479	HH INCOME FUND	EUR	19,7500	19,7500	19,7500	712046,7500	4	19,7500	36053				
Investment fund	NL0013089071	HH MIX NEUTRAAL	EUR	19,8500	19,8500	19,8500	2997,3500	1	19,8500	151				
Investment fund	NL0013089089	HH MIX OFFENSIEF	EUR											
Investment fund	NL0010514204	HH Obligatie Fund	EUR	35,0600	35,0600	35,0600	88596,6200	2	35,0600	2527				
Investment fund	NL0009864487	HH PHOENIX FUND	EUR	34,4400	34,4400	34,4400	809753,2800	19	34,4400	23512				
Investment fund	NL0010514212	HH RE Value Fund	EUR	49,5600	49,5600	49,5600	19278,8400	2	49,5600	389				
Investment fund	NL0009864461	HH VALUE FUND	EUR	27,7100	27,7100	27,7100	33612,2300	1	27,7100	1213				
Investment fund	NL0010510814	HOLLANDS BEZIT-G	EUR	58,8600	58,8600	58,8600	27899,6400	7	58,8600	474				
Investment fund	NL0000285609	IDB EQTY INCOME	EUR	44,8700	44,8700	44,8700	36569,0500	4	44,8700	815				
Investment fund	NL0010986428	IDB EUR MID CAP	EUR	53,4500	53,4500	53,4500	20471,3500	4	53,4500	383				
Investment fund	NL0011896972	IDB FIS	EUR	173,7700	173,7700	173,7700	5560,6400	2	173,7700	32				
Investment fund	NL0000285591	IDB REALEST EQT FD	EUR	156,3700	156,3700	156,3700	41281,6800	5	156,3700	264				
Investment fund	NL0009693258	INTEREFF AL BRAZIL	EUR	0,2700	0,2700	0,2700	148500,0000	16	0,2700	550000				
Investment fund	NL0000290427	INTEREFF AL CHINA	EUR	1,3500	1,3600	1,3500	285865,0000	18	1,3500	211750				
Investment fund	NL0000817161	INTEREFF AL INDIA	EUR	0,8100	0,8200	0,8100	31273,0000	6	0,8200	38300				
Investment fund	NL0006477440	INTEREFF AL JAPAN	EUR	1,1800	1,1900	1,1800	949,0000	2	1,1900	800				
Investment fund	NL0009347574	IUF SEIF	EUR	120,2300	120,2300	120,2300	84882,3800	2	120,2300	706				
Investment fund	NL0009486745	IUF SNAIF	EUR	140,4400	140,4400	140,4400	75135,4000	1	140,4400	535				
Investment fund	NL0009347566	IUF SWIF	EUR	149,4400	149,4400	149,4400	37808,3200	2	149,4400	253				



Instrument Type	Exchange Instrument ID	Instrument 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	NL0000293348	KE EUR HGHDV FD N	EUR	6,4300	6,4300	6,4300	23508,0800	7	6,4300	3656				
Investment fund	NL0000295649	KEMPEN EURO PROP	EUR	16,0900	16,0900	16,0900	72533,7200	6	16,0900	4508				
Investment fund	NL00006089229	KEMPEN GBL HDIV N	EUR	29,9900	29,9900	29,9900	225884,6800	14	29,9900	7532				
Investment fund	NL0000289627	KEMPEN ORANGE FD	EUR	74,5900	74,5900	74,5900	145599,6800	12	74,5900	1952				
Investment fund	NL0000440675	KEMPEN ORANJE PART	EUR											
Investment fund	NL0010610309	KEMPEN PROFIEL 0	EUR	31,3500	31,3500	31,3500	501,6000	1	31,3500	16				
Investment fund	NL0000290468	KEMPEN PROFIEL 2	EUR	32,9500	32,9500	32,9500	89558,1000	4	32,9500	2718				
Investment fund	NL0000290476	KEMPEN PROFIEL 3	EUR	33,6800	33,6800	33,6800	561614,0000	2	33,6800	16675				
Investment fund	NL0000290484	KEMPEN PROFIEL 4	EUR	33,7200	33,7200	33,7200	51557,8800	2	33,7200	1529				
Investment fund	NL0000290492	KEMPEN PROFIEL 5	EUR	33,8600	33,8600	33,8600	103306,8600	4	33,8600	3051				
Investment fund	NL0010558854	KEMPEN SUSTAINABLE	EUR	67,4800	67,4800	67,4800	41702,6400	1	67,4800	618				
Investment fund	NL0012512958	KESVC	EUR											
Investment fund	NL0011821210	KGPIFINV	EUR	34,9100	34,9100	34,9100	23948,2600	5	34,9100	686				
Investment fund	NL0012044739	KGPFN	EUR	19,9900	19,9900	19,9900	275881,9900	2	19,9900	13801				
Investment fund	IE00BN575V26	LCH Class A	USD	267,3900	267,3900	267,3900	14099,1300	1	267,3900	60				
Investment fund	IE00BN575W33	LCH Class B	EUR											
Investment fund	NL0009692839	LEGENDS FUND	EUR											
Investment fund	NL0009756394	LSP LIFE SCIENCES	EUR	231,2000	231,2000	231,2000	2774,4000	3	231,2000	12				
Investment fund	NL0013089063	MIX DEFENSIEF	EUR											
Investment fund	NL0010228730	NBZ	EUR											
Investment fund	NL0000289882	NN BASIC MAT FD	EUR	49,0800	49,0800	49,0800	93153,8400	7	49,0800	1898				
Investment fund	NL0000289767	NN DAILY C GDS FD	EUR	78,2300	78,2300	78,2300	80185,7500	7	78,2300	1025				
Investment fund	NL0000287993	NN DUTCH FD	EUR	56,6200	56,6200	56,6200	287346,5000	5	56,6200	5075				
Investment fund	NL0006311789	NN DUURZAAM AAN FD	EUR	32,3700	32,3700	32,3700	96009,4200	10	32,3700	2966				
Investment fund	NL0000293173	NN DYN MIX FD IV	EUR	31,6800	31,6800	31,6800	695344,3200	3	31,6800	21949				
Investment fund	NL0000293157	NN DYN MIX FDI	EUR	29,8900	29,8900	29,8900	109218,0600	7	29,8900	3654				
Investment fund	NL0000293165	NN DYN MIX FDI	EUR	31,4100	31,4100	31,4100	337154,9400	5	31,4100	10734				
Investment fund	NL0000293181	NN DYN MIX FDV	EUR	30,4700	30,4700	30,4700	623903,7200	6	30,4700	20476				
Investment fund	NL0000293140	NN DYNAMIC MIX FDI	EUR	29,0800	29,0800	29,0800	29399,8800	4	29,0800	1011				
Investment fund	NL0000292746	NN EDA Fund P	EUR	10,1600	10,1600	10,1600	8097,5200	7	10,1600	797				
Investment fund	NL0000286318	NN EI Fund P	EUR	9,4500	9,4500	9,4500	9,4500	1	9,4500	1				
Investment fund	NL0012125736	NN EISE Fund A P	EUR	20,5100	20,5100	20,5100	32057,1300	3	20,5100	1563				
Investment fund	NL0000292225	NN EMERGING EUR FD	EUR	54,3900	54,3900	54,3900	20069,9100	4	54,3900	369				
Investment fund	NL0000289791	NN ENERGY FD	EUR	40,3500	40,3500	40,3500	33692,2500	5	40,3500	835				
Investment fund	NL0012817134	NN EUR DEELN F -P	EUR	33,5500	33,5500	33,5500	205661,5000	12	33,5500	6130				
Investment fund	NL0006311797	NN EUR OBLIG FD	EUR	34,3300	34,3300	34,3300	86992,2200	4	34,3300	2534				
Investment fund	NL0006311730	NN EUR SM CAPS FD	EUR	76,2600	76,2600	76,2600	165407,9400	8	76,2600	2169				
Investment fund	NL0000292332	NN EUROPE FD	EUR	26,3800	26,3800	26,3800	71568,9400	4	26,3800	2713				
Investment fund	NL0006311755	NN FAR EAST FD	EUR	42,4500	42,4500	42,4500	29630,1000	6	42,4500	698				
Investment fund	NL0000286169	NN FINANCIAL FD	EUR	19,0400	19,0400	19,0400	43163,6800	5	19,0400	2267				
Investment fund	NL0000286441	NN FIRSTCLAS OBLIG	EUR	23,0600	23,0600	23,0600	132479,7000	10	23,0600	5745				
Investment fund	NL0006311771	NN GLOB EMR MKT FD	EUR	38,8500	38,8500	38,8500	44716,3500	6	38,8500	1151				
Investment fund	NL0006311839	NN GLOB OBL FD	EUR	14,9800	14,9800	14,9800	98478,5200	3	14,9800	6574				
Investment fund	NL0009265404	NN GLOB OPPORT FD	EUR	33,1600	33,1600	33,1600	220348,2000	9	33,1600	6645				
Investment fund	NL0006311847	NN GLOB R ESTAT FD	EUR	88,9100	88,9100	88,9100	116027,5500	6	88,9100	1305				
Investment fund	NL0006311805	NN GLOBAL FUND	EUR	79,2400	79,2400	79,2400	380193,5200	3	79,2400	4798				
Investment fund	NL0006311813	NN H DIV OBLIG FD	EUR	21,4300	21,4300	21,4300	38938,3100	4	21,4300	1817				
Investment fund	NL0000292274	NN HEALTH CARE FD	EUR	68,4500	68,4500	68,4500	159762,3000	11	68,4500	2334				
Investment fund	NL0000289858	NN HOOG DIV A FD	EUR	30,4300	30,4300	30,4300	225729,7400	12	30,4300	7418				
Investment fund	NL0000289841	NN INDUST FUND	EUR	55,8900	55,8900	55,8900	13078,2600	3	55,8900	234				
Investment fund	NL0006311821	NN INFO TECH FD	EUR	97,1600	97,1600	97,1600	339088,4000	14	97,1600	3490				
Investment fund	NL0000286078	NN JAPAN FD	EUR	15,6200	15,6200	15,6200	18337,8800	5	15,6200	1174				
Investment fund	NL0006311862	NN LION FD	EUR	34,8200	34,8200	34,8200	287125,7200	4	34,8200	8246				
Investment fund	NL0000289684	NN LUXURY C GDS FD	EUR	62,5500	62,5500	62,5500	19015,2000	5	62,5500	304				
Investment fund	NL0000286045	NN NORTH AMER FD	EUR	43,9500	43,9500	43,9500	53267,4000	8	43,9500	1212				
Investment fund	NL0006311748	NN PREM DIV FD	EUR	13,3400	13,3400	13,3400	298695,9400	9	13,3400	22391				
Investment fund	NL0000442101	NN RENTE P	EUR	14,7900	14,7900	14,7900	54441,9900	5	14,7900	3681				
Investment fund	NL0010489373	NN SXLTB Fund P	EUR											
Investment fund	NL0000289999	NN TEL SCES FD	EUR	35,8600	35,8600	35,8600	7315,4400	2	35,8600	204				
Investment fund	NL0000289668	NN UTILITIES FD	EUR	52,0000	52,0000	52,0000	41548,0000	5	52,0000	799				
Investment fund	NL0000442077	NN WM Fund P	EUR	12,3600	12,3600	12,3600	6068,7600	2	12,3600	491				
Investment fund	NL0010558805	OPT EuroRente Fd	EUR	25,4500	25,4500	25,4500	102003,6000	4	25,4500	4008				
Investment fund	NL0010558813	OPT Wereld Aand Fd	EUR	34,3300	34,3300	34,3300	4668,8800	2	34,3300	136				
Investment fund	NL0000287118	OPTIMIX AMERICA FD	EUR	20,1900	20,1900	20,1900	706,6500	1	20,1900	35				
Investment fund	NL0000287126	OPTIMIX EMERG MKTS	EUR	60,8200	60,8200	60,8200	58752,1200	3	60,8200	966				
Investment fund	NL0000287092	OPTIMIX EUROP-FD D	EUR	102,0800	102,0800	102,0800	136480,9600	3	102,0800	1337				
Investment fund	NL0000287084	OPTIMIX INCOM FD C	EUR	34,7900	34,7900	34,7900	472587,3600	3	34,7900	13584				
Investment fund	NL0000287100	OPTIMIX MIX FD E	EUR	29,6600	29,6600	29,6600	87674,9600	2	29,6600	2956				
Investment fund	NL0011354873	RG GMFAC E G	EUR	123,9500	123,9500	123,9500	15493,7500	3	123,9500	125				
Investment fund	NL0011354865	RG WOCE E G	EUR	113,3100	113,3100	113,3100	113,3100	1	113,3100	1				
Investment fund	NL0000292720	RO PRIVATE EQUITY	EUR	0,3600	0,3600	0,3600	9,7200	1	0,3600	27				
Investment fund	NL0006238131	ROB AFRIKA FONDS	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
Investment fund	NL0000286615	ROB HOLLANDS BEZIT	EUR	24,3800	24,3800	24,3800	97,5200	1	24,3800	4				
Investment fund	NL0011896098	ROB QI GL DEV ENH	EUR	108,6100	108,6100	108,6100	239593,6600	8	108,6100	2206				
Investment fund	LU0934195610	ROB TOT RET BDS DH	EUR	55,3300	55,3300	55,3300	995,9400	2	55,3300	18				
Investment fund	NL0010366407	ROBEKO GLB ST EQ G	EUR	39,6500	39,6500	39,6500	100076,6000	8	39,6500	2524				
Investment fund	NL0000289783	ROBEKO GLB STAR EQ	EUR	36,8800	36,8800	36,8800	501973,6800	11	36,8800	13611				
Investment fund	NL0000289817	ROLINCO	EUR	37,1300	37,1300	37,1300	49011,6000	4	37,1300	1320				
Investment fund	NL0010510798	ROLINCO - EUR G	EUR	39,3500	39,3500	39,3500	28017,2000	7	39,3500	712				
Investment fund	NL0000288736	ROLINCO CUMPREF	EUR	46,7800	46,7800	46,7800	14034,0000	1	46,7800	300				
Investment fund	NL0000290088	T&P ALLEGRETTO FD	EUR											
Investment fund	IE00BN575V56	TCH Class A	USD											
Investment fund	IE00BN575263	TCH Class B	EUR											
Investment fund	NL0006173007	TCM AFRC HDE	EUR	12,1700	12,1700	12,1700	3042,5000	3	12,1700	250				
Investment fund	NL0010278073	TCM GL FT HDE	EUR	12,0200	12,0200	12,0200	468743,9400	6	12,0200	38997				
Investment fund	NL0006489189	TCM VIETN HDE	EUR	18,3200	18,3200	18,3200	28762,4000	2	18,3200	1570				
Investment fund	NL0000440204	TRIODOS GROENFONDS	EUR	57,5500	57,5500	57,5500	129660,1500	5	57,5500	2253				
Investment fund	NL0011327432	Triodos Mult Impac	EUR	24,9200	24,9200	24,9200	34987,6800	1	24,9200	1404				
Investment fund	NL0000079333	TRIODOS VASTGOED	EUR	2,7200	2,7200	2,7200	4082,7200	2	2,7200	1501				
Investment fund	NL0010619748	US CONSERV HD EQ G	EUR	41,2500	41,2500	41,2500	351615,0000	8	41,2500	8524				
Investment fund	NL0010831046	US LARGE CAP EQ G	EUR	34,9600	34,9600	34,9600	2691,9200	1	34,9600	77				
Investment fund	LU0237485098	WP STEWART HOLD FD	USD	442,8700	442,8700	442,8700	56823,1200	3	442,8700	146				
Investment fund	LU0237484448	WPSH EUR	EUR	378,4300	378,4300	378,4300	63576,2400	2	378,4300	168				
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	XS1548493946	AAB 1.375%12JAN37	EUR											
Other bond	XS1645503621	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	100,7000	100,7000	100,7000	50350,0000	1	100,7000	50000				
Other bond	XS1549579529	AAB 2.1%18JAN19	USD											
Other bond	US00084DAN03	AAB 2.1%18JAN19	USD											
Other bond	XS1020769748	AAB 2.375%23JAN24	EUR											
Other bond	XS0937858271	AAB 2.5%29NOV2023	EUR	108,3500	108,3500	108,3500	1083,5000	1	108,3500	1000				
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	US00080QAF28	AAB 4.75%28JUL25	USD											
Other bond	XS1264600310	AAB 4.75%28JUL25	USD											
Other bond	XS0592463136	AAB 5.4%18FEB2026	NOK											
Other bond	NL0009980945	AAB 5%09FEB22	EUR	114,1900	114,1900	114,1900	7993,3000	1	114,1900	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											



Instrument Type	Exchange Instrument ID	Instrument 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	XS0224587443	AAB CMS RAN FRN200	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 FRNFB22	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											
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	XS1917577931	AAB0.25%3DEC2021	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%21JUL2038	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	XS1918830479	AAB1.95%7DEC2048	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	XS1743726835	AAB2.65%19JAN2021	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	US00084DAQ34	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	US00084DAR17	AABFRN19JAN2021	USD											
Other bond	XS1743726918	AABFRN19JAN2021	USD											
Other bond	XS1645476125	AABFRN19JUL2022	USD											
Other bond	US00084DAS99	AABFRN27AUG2021	USD											
Other bond	XS1871116338	AABFRN27AUG2021	USD											
Other bond	XS1917574755	AABFRN3DEC2021	EUR											
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	AABNFRN19SEP2019	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											
Other bond	XS1246723503	AABSGD3.43%19JUN25	SGD											
Other bond	XS0619548216	ABN 6.375%27APR21	EUR	113,0500	113,0500	113,0500	20349,0000	1	113,0500	18000				
Other bond	XS0619547838	ABN USD6.25%APR22	USD											
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	103,2200	103,5900	103,1500	421476,2000	27	103,3100	408000				
Other bond	XS172258258	ACHMEAB0.375%NOV24	EUR											
Other bond	NL0000120889	AEGON 4.26%PL	NLG	79,9900	79,9900	79,0000	32623,1500	4	79,0000	90000				
Other bond	NL0000120004	AEGON FRN PL	NLG	72,5000	72,5000	72,5000	4934,8600	2	72,5000	15000				
Other bond	NL0000116150	AEGON 1.769%PL	EUR	66,5000	66,5000	65,3800	22113,7900	7	66,3500	33500				
Other bond	NL0000116168	AEGON USD 1.709%PL	USD											
Other bond	NL0000121416	AEGON1.425%PL	NLG	62,0200	62,7000	62,0200	8489,3100	5	62,7000	30000				
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											
Other bond	XS1787477543	AHOLD1.125%19MAR26	EUR											
Other bond	XS1685798370	AHOLDDE0.875%SEP24	EUR											
Other bond	XS1787517199	AHOLDDEFRN19MAR21	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	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											
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	AREN0.273%17JUN48	EUR											
Other bond	XS1135365788	AREN14IIA1FRNOCT46	EUR											
Other bond	XS1135365515	AREN14IIA2FRNOCT46	EUR											
Other bond	XS1135366240	AREN14IIA3FRNOCT46	EUR											
Other bond	XS1410512963	ARENA2FRN17JUN2048	EUR											
Other bond	XS0355225060	ARENA7I FRNOCT49	EUR											
Other bond	XS0392640990	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		108,0000	108,0000	107,6100	32931,0000	3	107,6100		30600		
Other bond	NL0009213552	ASR NL 7.25% PL	EUR		106,0000	106,0000	106,0000	21200,0000	1	106,0000		20000		
Other bond	XS1115800655	ASRNED5%PL	EUR		103,0000	103,4000	103,0000	4132,0000	2	103,4000		4000		
Other bond	XS0188935174	AXA FRNPL	EUR		99,0100	100,0500	98,5500	71811,5000	6	100,0000		72000		
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											
Other bond	XS0702058156	BNG 1.728%04JAN21	EUR											
Other bond	XS0478263816	BNG 3.75%14JAN20	EUR											
Other bond	XS0463097237	BNG 3.875%04NOV19	EUR		104,4800	104,4800	104,4800	5224,0000	1	104,4800		5000		
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											
Other bond	XS0575962286	BNG FRN9FEB21	EUR		101,7000	102,0400	101,5400	599628,0000	18	102,0400		589000		
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	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											



Instrument Type	Exchange Instrument ID	Instrument 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	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	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											
Other bond	XS1629047017	BUMPER9AFRN22JUL31	EUR											
Other bond	XS1629065936	BUMPER9BFRN22JUL31	EUR											
Other bond	XS0225115566	CAIXA FRNPL	EUR											
Other bond	US136447AW96	CANPAC 4%PL	USD	95,0000	95,0000	95,0000	8348,7100	1	95,0000	10000				
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%JUL20	EUR											
Other bond	FR0010161026	CREDIT AG FRNPL	EUR											
Other bond	XS0301504659	CSI MAN EUR ZC19	EUR											
Other bond	DE000A0E5J04	DB CAP T1 FRNPL	EUR											
Other bond	XS0230409301	DB FX/FL 5%35	EUR											
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	DCDML16-1RS28JAN49	EUR											
Other bond	XS0821168423	DELTA L 1.9%28AUG42	EUR	123,5000	124,0000	123,2600	11132,6000	3	124,0000	9000				
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	XS1906408411	DMBSXIXAFRN25NOV50	EUR											
Other bond	XS1906410235	DMBSXIXBFRN25NOV50	EUR											
Other bond	XS1906410318	DMBSXIXCFRN25NOV50	EUR											
Other bond	XS1906410409	DMBSXIXDFRN25NOV50	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											



Instrument Type	Exchange Instrument ID	Instrument 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	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	92,0000	92,0000	92,0000	44160,0000	4	92,0000	48000				
Other bond	DE000A0D2421	DPOSTB FT3 FRNPL	EUR											
Other bond	XS1293087703	DSM 1.375%26SEP22	EUR											
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	EDML18FRN28JAN57	EUR											
Other bond	XS1744734556	EDML18GRN28JAN57	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	EDMLFRNOCT55	EUR											
Other bond	XS1626193574	EDMLFRNOCT55	EUR											
Other bond	XS1626193657	EDMLRSZCOCT55	EUR											
Other bond	XS0234821345	EFGHELLAS FL 6%PLD	EUR											
Other bond	XS0224480722	EIB FRN17AUG30D	EUR											
Other bond	XS0229097547	EIB FX/FL FRNOCT25	EUR											
Other bond	XS0218115649	EMACNH2A 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	ESSENCVIO.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	FORDLEST18FRNFEB54	EUR											
Other bond	DE000A0EUBN9	FURSTEN2 5.5/8%PL	EUR											
Other bond	XS0216072230	FURSTENB 5.344%PL	EUR											
Other bond	XS1892117919	GASUN1.375%16MAR28	EUR											
Other bond	XS0203171755	GREECE 2.327%PL	EUR											
Other bond	XS0203173298	GREECEUSD2.1985%PL	USD											
Other bond	XS1609025744	GRESTORM17FRNAPR64	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	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	HERMESXIE1.36338	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	HYPENAZ 2.46%NOV97	EUR											
Other bond	NL0010511119	HYPENAZ 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	HYPENNGFRNSEP2097	EUR											
Other bond	NL0010739389	HYPNIA3 1.64%FB46	EUR											
Other bond	NL0000122489	ING 5 1/4%19	EUR	102,4100	102,4100	102,4100	6144,6000	1	102,4100	6000				
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											
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											
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											



Instrument Type	Exchange Instrument ID	Instrument 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	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											
Other bond	NL0000116127	INGGROEP FRNPL	EUR		70,0100	70,0100	70,0100	32064,5800	3	70,0100	45800			
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	XS1917902196	INGGROEP5%JUN29	AUD											
Other bond	XS1882544205	INGGROEPFRN20SEP23	EUR											
Other bond	XS1917901974	INGGROEPFRN5DEC22	AUD											
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	KIGOIFRN27JAN64	EUR											
Other bond	XS0411850075	KONINKPN 7.5% 19	EUR											
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											
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	USN4297BBC74	KPNUSD RS FRNMAR73	USD											
Other bond	NL00009706399	LAN4.75%09OCT19	EUR											
Other bond	XS0244143961	LANSBANKI6.25%PLD	EUR											
Other bond	XS0984200617	LEASEP2.375%APR19	EUR											
Other bond	XS1604200904	LEASEPFRN4NOV2020	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	LOWLANDS1%18MAY55	EUR											
Other bond	XS1815296014	LOWLANDSFRN18MAY55	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											



Instrument Type	Exchange Instrument ID	Instrument 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	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	101,6000	101,7700	101,2700	500475,3000	18	101,7700	492000				
Other bond	XS0217042885	NEDWBK FRN30OCT34	EUR											
Other bond	XS0212064231	NEDWBK FRN30OCT34	EUR											
Other bond	XS0207612614	NEDWBK USD ZCDEC34	USD											
Other bond	XS0149727496	NEDWBK USD ZCJUL22	USD											
Other bond	XS0149727736	NEDWBK USD ZCJUL22	USD											
Other bond	XS0171957433	NEDWBK USD ZCJUL33	USD											
Other bond	XS0176581311	NEDWBK USD ZCSEP23	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											
Other bond	XS0943345198	NFMO ZC12JUL2022	USD											
Other bond	XS0943343656	NFMO ZC23JUN2023	USD											
Other bond	XS0943344621	NFMO ZC26MAR2019	USD											
Other bond	XS1527323411	NFMO0.75%29NOV2023	SEK											
Other bond	XS0210781828	NIBC FRN21FEB40	EUR	100,0100	100,0100	100,0000	20001,0000	2	100,0000	20000				
Other bond	XS0215294512	NIBC FRNPL	USD											
Other bond	XS0249580357	NIBC FRNPL	EUR											
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	NIBCB2.105%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											
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											



Instrument Type	Exchange Instrument ID	Instrument 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	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	XS0265250638	PEAMBS1 FRNSEP47	EUR											
Other bond	XS0265252253	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											
Other bond	XS1155699371	RABO1.055%18DEC23	EUR											
Other bond	XS1382784509	RABO1.25%23MAR2026	EUR											
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	RABOCERTIFFRNPL	EUR	107,1600	107,4600	107,0000	7434289,8100	463	107,2000	6934050				
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	XS0557252417	RB 3.75%09NOV20	EUR											
Other bond	XS0478074924	RB 4.125%14JAN20	EUR											
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 ZC16JUL39	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	109,2800	109,2800	109,2800	5464,0000	1	109,2800	5000				
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											



Instrument Type	Exchange Instrument ID	Instrument 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	XS0211503478	RB FX/IL FRNFEB20	EUR											
Other bond	XS0211284491	RB FX/IL FRNFEB35	EUR	115,1100	115,1100	115,1100	9208,8000	2	115,1100	8000				
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	100,0000	100,0000	100,0000	9000,0000	1	100,0000	9000				
Other bond	XS0205935470	RB SCOTL 5.5%PL	EUR	100,0100	100,0100	100,0000	45002,5000	3	100,0000	45000				
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	108,0900	108,0900	108,0900	2161,8000	1	108,0900	2000				
Other bond	XS0431304715	RB CALL ZC%04JUN39D	USD											
Other bond	NL0000122505	RB5 FRN10JUN19	EUR											
Other bond	XS0436313653	RBUSDCALZC06JUL39D	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	SCHIPOLI 5.5%NOV30	EUR											
Other bond	XS0468954523	SNS 11.25%PL	EUR											
Other bond	XS0552743048	SNS LT2 6.25%OCT20	EUR											
Other bond	XS0616936372	SRLEV LT2 9%APR41	EUR	111,2000	111,2000	111,2000	31136,0000	1	111,2000	28000				
Other bond	XS1878266326	STEDI1.375%19SEP28	EUR											
Other bond	XS1705553417	STEDIN FRN24OCT22	EUR											
Other bond	XS1705553250	STEDIN.875%24OCT25	EUR											
Other bond	XS0158000629	STICHUQ2A 0.937%39	EUR											
Other bond	XS1112010217	STM14IIA2FRNFEB53	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	STOR18IIFRN22SEP65	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	STORM16IIIBFRNAUG63	EUR											
Other bond	XS1477681503	STORM16IIICFRNAUG63	EUR											
Other bond	XS1477682147	STORM16IIIDFRNAUG63	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											



Instrument Type	Exchange Instrument ID	Instrument 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	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	STRM14IIIBFRNMAR51	EUR											
Other bond	XS1071276403	STRM14IIICFRNMAR51	EUR											
Other bond	XS1071277120	STRM14IIIDFRNMAR51	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	XS1566100977	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											
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	NL00009706597	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		0,0125	0,0125	0,0125	30,0000	2	0,0125		2400		
Share	NL0000852564	AALBERTS INDUSTR	EUR		28,8500	29,4100	28,5400	8655424,6100	2578	29,0600		297547		
Share	NL0011540547	ABN AMRO Group	EUR		21,2800	21,5500	20,9600	46575391,4800	5668	21,1300		2193241		
Share	NL0009767532	ACCELL GROUP	EUR		18,5200	18,6600	18,5000	1466464,4200	357	18,6000		78944		
Share	GB00BQQFX454	ACCYS	EUR		1,1900	1,2000	1,1800	43820,9800	26	1,1900		36892		



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012969182	ADYEN	EUR	446,0000	466,1500	446,0000	23428867,2500	4415	457,0500	51214				
Share	NL0000303709	AEGON	EUR	4,3950	4,4000	4,3290	41598967,0400	7131	4,3570	9541311				
Share	NL0011794037	AHOLD DEL	EUR	22,0150	22,4000	21,9400	105574357,7600	11797	22,2900	4749493				
Share	NL0000018034	AJAX	EUR	14,8000	15,0000	14,6500	125100,7000	53	14,7500	8393				
Share	NL0000009132	AKZO NOBEL	EUR	70,7800	71,5600	70,4800	35415186,5600	4851	70,6600	499277				
Share	NL0012817175	ALFEN	EUR	13,1220	13,4880	13,1220	49651,9300	75	13,1920	3765				
Share	NL0011333760	ALTICE EUROPE B	EUR	1,9800	2,0440	1,9610	115794,0800	103	1,9920	58104				
Share	NL0011333752	ALTICE EUROPE N.V.	EUR	1,9900	2,0510	1,9580	12677266,5300	4249	1,9870	6308125				
Share	NL0012194724	ALUMEXX N.V.	EUR	0,4900	0,5140	0,4800	3269,5200	9	0,5100	6475				
Share	NL0000888691	AMG	EUR	33,0000	33,7800	32,4200	10916305,1400	3329	33,2200	329236				
Share	NL0000313286	AMSTERDAM COMMOD.	EUR	16,7400	16,9800	16,6400	85361,0800	82	16,7000	5065				
Share	NL0000430106	AND INTERNATIONAL	EUR	2,3600	2,5300	2,3600	128,8600	2	2,5300	51				
Share	GB00815YOC52	AP ALTERNAT ASSETS	USD											
Share	LU0569974404	APERAM	EUR	23,2500	24,2200	23,2500	6818536,3700	2252	23,4800	287992				
Share	NL0006237562	ARCADIS	EUR	10,8100	11,1300	10,6900	2022445,9100	755	10,8300	185468				
Share	LU1598757687	ARCELOMITTAL SA	EUR	19,0640	19,4500	18,8400	110278544,6300	19397	19,2020	5746426				
Share	NL0000334118	ASM INTERNATIONAL	EUR	34,9900	36,0900	34,7800	8954308,1100	2509	35,6500	252042				
Share	NL0010273215	ASML HOLDING	EUR	143,1800	145,5800	141,9000	195383456,3600	19000	142,9400	1359802				
Share	NL0011872643	ASR NEDERLAND	EUR	34,6400	34,7800	34,1800	15125905,7200	2868	34,3000	439989				
Share	JE0083DCF752	ATRIUM EUR REALEST	EUR	3,4000	3,4200	3,3800	5606,1200	7	3,3800	1648				
Share	NL0012047823	AVANTUM	EUR	3,0800	3,0800	2,9400	25679,0900	30	3,0050	8585				
Share	LU1789205884	B&S Group	EUR	14,1000	14,3000	13,8100	129667,0100	191	14,2740	9228				
Share	NL0000337319	BAM GROEP KON	EUR	2,3900	2,4860	2,3900	4303436,9400	1366	2,4600	1755055				
Share	NL0011872650	BASIC-FIT	EUR	25,7000	25,7000	25,1000	1453870,6000	428	25,2500	57420				
Share	NL0006292906	BATENBURG TECHNIEK	EUR	42,8000	43,4000	42,8000	476,8000	2	43,4000	11				
Share	NL0012866412	BE Semiconductor	EUR	17,7940	18,4140	17,5800	8786556,0300	2560	17,9000	486216				
Share	NL0000339703	BETER BED	EUR	4,0300	4,0300	3,9350	122744,8800	121	4,0150	30799				
Share	NL0000285278	BEVER HOLDING	EUR											
Share	NL0000335578	BINCKBANK	EUR	4,4100	4,6000	4,4100	1151783,7800	525	4,4700	255778				
Share	NL0000852580	BOSKALIS WESTMIN	EUR	21,0600	21,0600	20,3400	15745395,8100	4646	20,8500	759137				
Share	GG0081XFMJ13	BOUSSARD GAVAUD C	EUR											
Share	GG0081FQG453	BOUSSARD GAVAUDAN	EUR	17,2000	17,3000	16,9000	58878,1000	20	17,2000	3448				
Share	GG00839VMM07	BOUSSARD GHL GBP	GBP											
Share	NL0000442523	BRILL KON	EUR	18,5000	18,5000	18,5000	18,5000	1	18,5000	1				
Share	CA1125851040	BROOKFIELD ASSET M	EUR											
Share	NL0010776944	BRUNEL INTERNAT	EUR	10,2200	10,4900	10,1800	735740,1100	388	10,4500	70793				
Share	GB008DCPN049	COCA-COLA EUROPEAN	EUR	41,3600	42,3200	41,3200	2536354,3400	350	41,8800	60530				
Share	NL0010583399	CORBION	EUR	24,8000	24,9000	24,3400	1218522,7600	432	24,8600	49299				
Share	NL0000200384	CORE LABORATORIES	EUR	64,0000	65,0000	64,0000	16588,5000	6	64,0000	258				
Share	NL0000345577	CTAC	EUR	2,2400	2,2400	2,1500	7503,0400	6	2,2300	3481				
Share	NL0011509294	CURETIS	EUR	1,5500	1,6150	1,4600	44968,8300	69	1,5100	29906				
Share	NL00009169515	DGB GROUP N.V.	EUR	0,7900	0,8300	0,7900	2948,4000	9	0,7900	3660				
Share	NL00009197771	DPA GROUP	EUR	1,3050	1,3050	1,2400	9978,6700	12	1,2750	7859				
Share	NL0000009827	DSM KON	EUR	74,7800	75,2800	74,0200	42711855,6400	5981	74,7000	571107				
Share	NL0012747059	DUTCH STAR C SHAR	EUR	9,1500	9,1500	9,1500	5947,5000	2	9,1500	650				
Share	NL0000345627	EASE2PAY NV	EUR	1,8500	1,8700	1,8500	1579,3500	9	1,8500	851				
Share	NL0000901610	ENVIPCO	EUR	10,9000	10,9000	10,1000	14313,6000	14	10,5000	1386				
Share	NL0009272137	ESPERITE	EUR	0,1390	0,1390	0,1320	17400,1700	37	0,1346	130500				
Share	GB00894QM994	EUROCASTLE INVEST.	EUR	6,3000	6,4000	6,2000	43920,8400	20	6,2800	6953				
Share	NL0000288876	EUROCOMMERCIAL	EUR	28,3400	28,9400	28,3400	4088218,2800	851	28,6200	142811				
Share	NL0011279492	FLOW TRADERS	EUR	27,7000	27,8000	26,6000	8299100,1800	1837	26,7200	308691				
Share	NL0011832811	FORFARMERS	EUR	8,3800	8,5200	8,3000	276113,3200	230	8,4300	32692				
Share	NL0000352565	FUGRO	EUR	9,7740	9,8360	9,4220	6892566,9400	1702	9,7460	710715				
Share	BE0003818359	GALAPAGOS	EUR	90,0000	91,5200	89,3400	31709373,1400	5862	90,8800	349918				
Share	NL0000400653	GEMALTO	EUR	50,5200	50,8000	50,5200	22543774,8400	1226	50,7600	444600				
Share	NL0010937066	GRANDVISION	EUR	19,5000	19,5900	19,3800	730651,9100	376	19,3800	37531				
Share	BMG455841020	HAL TRUST	EUR	132,8000	133,8000	130,6000	2296358,8000	380	130,8000	17373				
Share	CWN814651014	HeadFirst Source G	EUR	3,1200	3,1400	3,1000	11058,8400	6	3,1400	3545				
Share	NL00009269109	HEIJMANS	EUR	7,6500	8,0400	7,6500	628958,4000	273	7,8900	79833				
Share	NL0000009165	HEINEKEN	EUR	77,9400	79,6200	77,7600	58453034,2600	6747	79,2200	739891				
Share	NL0000008977	HEINEKEN HOLDING	EUR	75,3000	76,2000	74,8500	10466259,9000	992	75,7500	138314				
Share	NL0000440311	HOLLAND COLOURS	EUR	76,6000	76,6000	76,6000	76,6000	1	76,6000	1				
Share	ANN4327C1220	HUNTER DOUGLAS	EUR	57,8000	58,6000	57,0000	290408,4000	85	57,8000	5027				
Share	ANN4327C1303	HUNTER DOUGLAS	EUR											
Share	NL00009391242	HYDRATEC	EUR											
Share	NL0000359537	ICT GROUP	EUR	11,5500	11,6000	11,4000	15526,3500	17	11,4000	1353				
Share	NL0010556726	IEX GROUP NV	EUR											
Share	NL0010801007	IMCD	EUR	57,0000	57,0000	55,9500	4231480,4500	970	56,2500	75036				
Share	NL0011821202	ING GROEP N.V.	EUR	9,8950	10,0080	9,7420	218257008,1500	27503	9,9020	22043008				
Share	NL0010937058	INTERTRUST	EUR	14,3400	14,5700	14,2600	1815772,0000	864	14,4300	125441				
Share	NL0000113652	KARDAN	EUR	0,0824	0,0825	0,0800	4438,5700	8	0,0809	54200				
Share	NL0000362648	KAS BANK	EUR	6,0000	6,0600	5,9800	63301,8000	36	6,0000	10540				



Instrument Type	Exchange Instrument ID	Instrument 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	NL0000852531	KENDRION	EUR	22,1000	22,1500	21,8000	146165,1500	100	21,8000	6662				
Share	NL0011323407	KIADIS	EUR	8,1000	8,1800	7,9700	554020,7200	271	8,0700	68430				
Share	NL0000009082	KPN KON	EUR	2,5910	2,6350	2,5690	50270699,4600	6768	2,5880	19344365				
Share	NL0010545679	LAVIDE HOLDING	EUR	0,5000	0,5800	0,5000	53643,4900	55	0,5500	97971				
Share	NL001098878	LUCASBOLS	EUR	15,7000	15,8500	15,7000	14406,3500	11	15,7000	914				
Share	NL0009312842	MKB Nedsense	EUR	0,1680	0,1680	0,1680	600,6000	2	0,1680	3575				
Share	GG00812BD492	NB PRIV EQ PARTN	USD											
Share	NL0000371243	NEDAP	EUR	42,0000	43,3000	42,0000	198782,0000	98	42,8000	4654				
Share	IM008D07WV31	NEPI ROCKCASTLE	EUR	6,6500	6,9500	6,6500	4971,2500	4	6,9500	725				
Share	NL0009822014	NEW SOURCES ENERGY	EUR	0,1300	0,1300	0,1300	886,6000	3	0,1300	6820				
Share	NL0000440618	NEWAYS ELECTRONICS	EUR	10,1000	10,3500	10,0000	7285,6500	17	10,0000	710				
Share	NL0012756316	NIBC HOLDING	EUR	8,2000	8,3000	8,1920	1141985,2500	556	8,2500	138037				
Share	NL0010773842	NN GROUP	EUR	34,8600	34,9700	34,4800	33146676,9700	6216	34,6200	955120				
Share	NL0010696704	NOVISOURCE	EUR	0,9550	0,9550	0,9550	0,9600	1	0,9550	1				
Share	NL0012365084	NSI N.V.	EUR	34,7000	34,7000	34,3000	656578,4000	263	34,6000	19040				
Share	NL0010558797	OCI	EUR	18,3900	18,9150	17,9800	6533417,7400	1916	18,6300	352975				
Share	NL0000370419	ORANJEWOUd A	EUR	5,8500	5,8500	5,8500	17550,0000	1	5,8500	3000				
Share	NL0000440584	ORDINA	EUR	1,4140	1,4500	1,4140	196154,7300	112	1,4360	137275				
Share	GG008PFJTF46	PERSHING	USD	13,7600	14,1000	13,7600	1143136,4800	66	14,1000	92555				
Share	NL0010391025	PHARMING GROUP	EUR	0,7670	0,8070	0,7620	7560996,5500	2003	0,7890	9615049				
Share	NL0000009538	PHILIPS KON	EUR	32,1700	32,4100	31,9900	89370106,6600	10754	31,9950	2781543				
Share	NL0000378669	PORCELYNE FLES	EUR	9,1500	9,1500	9,1500	91,5000	1	9,1500	10				
Share	NL0009739416	POSTNL	EUR	2,1400	2,1610	2,0450	11996638,1700	3499	2,0710	5767702				
Share	BMG7209L1000	PPLA CLASS A	EUR											
Share	BMG7209L1182	PPLA CLASS B	EUR											
Share	US6935511098	PPLA European Unit	EUR											
Share	DE0007921835	PROBIODRUG	EUR	2,9000	3,0500	2,7700	104148,6900	57	2,9900	36230				
Share	NL0000379121	RANDSTAD NV	EUR	39,1500	39,8500	38,9200	21145247,6600	4152	39,4500	535883				
Share	LU0383812293	REINET INVESTMENTS	EUR	14,0000	14,2000	14,0000	22394,8000	13	14,0000	1594				
Share	GB008280DG97	RELX	EUR	17,8250	18,0250	17,7550	34755012,1600	5612	17,8950	1938924				
Share	NL0000440477	ROODMICROTEC	EUR	0,2420	0,2430	0,2390	10812,8200	10	0,2420	44950				
Share	GB00803MLX29	ROYAL DUTCH SHELLA	EUR	25,7750	26,2250	25,6200	218497224,2900	14618	25,8700	8418995				
Share	GB00803MM408	ROYAL DUTCH SHELLB	EUR	26,1900	26,7500	26,1900	37295,6800	25	26,5000	1412				
Share	NL0000360618	SBM OFFSHORE	EUR	12,4500	12,9450	12,4150	10634514,3900	2913	12,8500	831502				
Share	NL0011660485	SIF HOLDING	EUR	11,7000	11,9800	11,5800	119905,4600	113	11,7600	10162				
Share	NL0011821392	SIGNIFY NV	EUR	21,0200	21,1600	20,2700	18547925,9500	4653	20,3200	901381				
Share	NL0000817179	SLIGRO FOOD GROUP	EUR	36,5000	36,5000	35,6500	721263,5500	264	35,6500	20116				
Share	NL0010627865	SNOWWORLD	EUR	9,0000	9,0000	9,0000	180,0000	1	9,0000	20				
Share	NL0000336303	STERN GROEP	EUR	13,2000	13,9000	13,2000	74116,6000	24	13,9000	5457				
Share	NL0012015705	TAKEAWAY	EUR	43,8000	44,3500	42,6000	2749668,8500	835	43,4000	63015				
Share	GG0081RMC548	TETRAGON FIN GRP	USD	11,6000	11,7000	11,5500	33945,8300	12	11,7000	3312				
Share	VGG885761061	THUNDERBIRD	USD	0,1300	0,1470	0,1220	4185,7000	14	0,1220	36428				
Share	NL0010389508	TIE KINETIX	EUR	6,7500	7,0000	6,7500	306,2500	3	7,0000	45				
Share	NL0000852523	TKH GROUP	EUR	41,3000	42,3200	41,1000	2144814,4000	695	41,9000	51347				
Share	NL0000387058	TOMTOM	EUR	7,9460	8,1100	7,8780	5836418,8100	1903	8,0500	726831				
Share	FR0013326246	UNIBAIL-RODAMCO-WE	EUR	142,3600	144,4000	141,5400	81234514,4000	12720	143,2200	567964				
Share	NL0000009355	UNILEVER DR	EUR	48,3700	49,3400	48,3000	208652956,7600	15743	49,0250	4261565				
Share	NL0000388619	UNILEVER OS	EUR	48,4000	49,3000	48,4000	160676,4000	22	48,8000	3274				
Share	NL0000302636	V LANSCHOT KEMPEN	EUR	21,7000	21,8000	21,6500	502189,6500	153	21,6500	23089				
Share	NL0010661864	VALUER	EUR	4,9000	5,1600	4,9000	44240,2400	22	5,1000	8876				
Share	NL0009875483	VALUER CUM PREF	EUR											
Share	NL0000288918	VASTNED	EUR	31,8000	32,6000	31,6500	831346,2500	283	32,3000	25750				
Share	BMG9349W1038	VEON	EUR	2,2800	2,3800	2,2400	442085,7800	105	2,2800	193302				
Share	NL0012294466	VOLKERWESSELS	EUR	13,0300	13,9200	13,0300	1595103,8000	723	13,6900	117462				
Share	GG0081GHHH78	VOLTA FINANCE	EUR	6,6400	6,6600	6,6400	12628,0000	5	6,6600	1900				
Share	NL0009432491	VOPAK	EUR	39,2100	40,6100	39,2100	23279683,6600	4956	40,2800	579199				
Share	NL0000289213	WERELDHAVE	EUR	27,7500	28,8000	27,4400	13200636,3200	3467	28,1500	466760				
Share	NL0000395317	WESSANEN	EUR	8,3000	8,6300	8,2450	1635857,7100	783	8,5750	192761				
Share	NL0000395903	WOLTERS KLUWER	EUR	52,4600	52,7800	52,1400	34958821,4600	4613	52,7200	664517				
Share	JE00B1FBT077	YATRA	EUR											
Tracker	LU1437018838	AMUNDI EPRA DR U	USD	62,0420	62,1990	62,0420			62,1990					
Tracker	LU1681049018	AMUNDI ETF SP500	EUR	41,4835	42,2089	41,4835	68455,2000	2	41,8733	1634				
Tracker	LU1437024729	AMUNDI GAGU 500 DR	USD	54,0050	54,0050	53,9290			53,9290					
Tracker	LU1589350310	AMUNDI GLBAL INFRA	USD	57,0590	57,1580	57,0590			57,1580					
Tracker	LU1437016204	AMUNDI JPMGBI DR U	USD	54,6250	54,6250	54,5600			54,5600					
Tracker	LU1437017350	AMUNDI MSCI EM DR	USD	55,8280	55,9270	55,8280			55,9270					
Tracker	LU1437015735	AMUNDI MSCI EUR DR	USD	60,9141	60,9544	60,9141			60,9544					
Tracker	LU1681042609	AMUNDI MSCI EUROPE	USD	224,2407	224,3704	224,2407			224,3704					
Tracker	LU1437016972	AMUNDI MSCWD DR U	USD	64,8000	65,0360	64,8000			65,0360					
Tracker	LU1437016543	AMUNDI NOR AM DR U	USD	67,7580	68,0390	67,7580			68,0390					
Tracker	LU1437017863	AMUNDI SP500 DR U	USD	68,3890	69,3350	68,3890	125496,2200	4	68,7120	2068				
Tracker	LU1861132840	AMUNDI STOXX GL AI	USD	51,0470	51,2510	51,0470			51,2510					



Instrument Type	Exchange Instrument ID	Instrument 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	LU1589349734	AMUNDI US MIN VO	USD	57,9350	58,0940	57,9350			58,0940					
Tracker	LU1291109616	BNPP GSCI ETF EUR	EUR	9,0879	9,1778	9,0879			9,1778					
Tracker	DE000A0H0728	DIVERS COMMODITY	USD	20,9330	20,9330	20,9240			20,9240					
Tracker	JE00B3WDZV68	ETFS 3 L JPY S EUR	EUR	21,1400	21,2550	21,1400			21,2550					
Tracker	JE00B3QQ4551	ETFS 3 L USD S EUR	EUR	75,8600	76,9800	75,8600			76,9800					
Tracker	JE00B44CBN95	ETFS 3 S JPY L EUR	EUR	36,0800	36,0800	35,8800			35,8800					
Tracker	JE00B3TK7772	ETFS 3 S USD L EUR	EUR	14,0080	14,0080	13,7990			13,7990					
Tracker	JE00B2NFTL95	ETFS DAILY LG2 GLD	EUR	31,6100	31,6100	31,5180			31,5180					
Tracker	JE00B2NFTS64	ETFS DAILY LG2 SLV	EUR	3,9080	3,9500	3,9080	579520,7000	2	3,9110	146716				
Tracker	JE00B24DKC09	ETFS DAILY SH1 GLD	EUR	21,9620	22,1570	21,9620			22,1570					
Tracker	JE00B24DKK82	ETFS DAILY SH1 SLV	EUR	16,5250	16,6410	16,5250			16,6410					
Tracker	JE00B3MWC642	ETFS LG JPY SH EUR	EUR	42,3150	42,3900	42,3150			42,3900					
Tracker	JE00B588CD74	ETFS PHYS SW GLD	EUR	106,1800	106,2800	106,1800			106,2800					
Tracker	JE00B1VS3333	ETFS PHYSIC SILVER	EUR	12,1220	12,2290	12,1030	74210,0000	29	12,1450	6091				
Tracker	JE00B1VS3770	ETFS PHYSICALGOLD	EUR	104,8300	105,0900	104,6300	326664,7400	40	104,9600	3116				
Tracker	JE00B1VS3002	ETFS PHYSPALLADIUM	EUR	100,9500	104,7700	100,9500	28568,1500	9	103,9400	274				
Tracker	JE00B1VS3W29	ETFS PHYSPM BASKET	EUR	83,1500	83,7700	83,1500	18326,0000	1	83,7700	220				
Tracker	JE00B3KNMS14	ETFS SH JPY LG EUR	EUR	43,0500	43,0500	42,9750			42,9750					
Tracker	JE00B1VS2W53	ETFSPHYSPPLATINUM	EUR	64,9000	65,4000	64,9000	1046,0000	2	65,3100	16				
Tracker	IE00B8XB7377	FINEX GOLD	EUR	7,6700	7,6800	7,6700			7,6800					
Tracker	IE00B8X9NY41	FIRST EUROALPHADEX	EUR	27,2650	27,6000	27,1400	419102,0000	12	27,3700	15223				
Tracker	IE00BG0SSC32	FT DJ Internet	EUR	14,9700	15,1700	14,9700			15,1700					
Tracker	IE00BD5HBS12	FT FACTOR FX EUR	EUR	18,7310	18,7310	18,7310			18,7310					
Tracker	IE00B579F325	Invesco Gold ETC	EUR	106,7500	106,9300	106,7500	13152,3900	1	106,8600	123				
Tracker	IE00BCRY6557	IS EURO ULTRASHORT	EUR	99,8800	99,9000	99,8300	1430187,2800	5	99,8600	14323				
Tracker	IE00BCRY5V77	IS US SHORT CB	EUR	87,1400	87,6500	87,1400	15690,8000	2	87,6500	180				
Tracker	IE00BCLWRB83	IS USD HEDGED CB	EUR	83,4000	83,9700	83,3300	3333,2000	1	83,9700	40				
Tracker	IE00BCRY6003	IS USD SHORT HY CB	EUR	81,0100	81,7500	81,0100	3264,8000	2	81,7500	40				
Tracker	IE00BCRY6227	IS USD ULTRASHORT	EUR	88,5900	89,1100	88,5900			89,1100					
Tracker	IE00B7LGZ558	ISH FR TREAS BD	EUR	149,7100	149,7800	149,2700	143779,5700	32	149,6100	962				
Tracker	IE00B6XZVY59	ISH NLD BD HEDGED	EUR	93,7000	93,8200	93,6500	1066510,5800	9	93,7300	11379				
Tracker	IE00B0M62Y33	ISHARES AEX	EUR	49,9250	50,5000	49,8100	2249657,6600	161	50,1600	44830				
Tracker	IE00B14X4T88	ISHARES ASIA PACIF	EUR	22,7600	23,0550	22,7200	71753,8300	7	22,9350	3138				
Tracker	IE00B3DKXQ41	ISHARES B E ARG	EUR	120,0000	120,2600	119,8200	177930,7600	21	120,2600	1483				
Tracker	IE00B3F81R35	ISHARES B E CORP	EUR	127,0200	127,2600	126,8300	1548109,3300	55	127,2600	12195				
Tracker	IE00B3FH7618	ISHARES B E TR 0-1	EUR	98,8800	98,8900	98,8500	724511,0600	12	98,8700	7327				
Tracker	IE00B0M63516	ISHARES BRAZIL	EUR	25,9890	26,4510	25,9890	2346,7400	5	26,3290	89				
Tracker	IE00B1W57M07	ISHARES BRIC 50	EUR	24,7900	25,1300	24,7900	181043,7600	8	25,0600	7303				
Tracker	IE00B02KKX85	ISHARES CHINA 25	EUR	100,5000	102,2000	100,5000	243201,9500	19	101,5700	2391				
Tracker	IE00B52VJ196	ISHARES DJ EUR SUS	EUR	38,6150	39,0500	38,5700	122047,1400	10	38,7650	3141				
Tracker	IE00B57X3V84	ISHARES DJ GLO SUS	EUR	32,7020	33,2300	32,7020	43199,7800	2	32,9700	1301				
Tracker	IE0032523478	ISHARES E CORP BD	EUR	132,2300	132,4700	132,1600	123033,2900	14	132,4700	930				
Tracker	IE00B38BQ275	ISHARES E COV BOND	EUR	153,6600	153,6900	153,6600			153,6900					
Tracker	IE00B14X4Q57	ISHARES E GOV1-3	EUR	143,7100	144,1600	143,6700	57375,9700	5	143,7500	399				
Tracker	IE00B1FZ5913	ISHARES E GOV15-30	EUR	228,0500	228,4100	228,0500	2740,9200	1	228,4100	12				
Tracker	IE00B1FZ5681	ISHARES E GOV3-5	EUR	170,2800	170,2800	169,7200	1600905,0600	21	169,7600	9429				
Tracker	IE00B1FZ5806	ISHARES E GOV7-10	EUR	209,8500	209,8500	208,9200	155140,0600	10	209,6400	742				
Tracker	IE00B0M62X26	ISHARES E INF-LINK	EUR	206,7800	206,7800	206,1400	256902,0600	10	206,5000	1245				
Tracker	IE00B0M63730	ISHARES EAST EX-JP	EUR	43,2100	43,7600	43,1500	1018056,1000	15	43,5900	23373				
Tracker	IE00B0M63953	ISHARES EASTE10/40	EUR	20,3700	20,4190	20,2900	166107,3600	8	20,2900	8147				
Tracker	IE00B4WXJH41	ISHARES EG 10-15	EUR	171,1300	171,2900	171,1300			171,2900					
Tracker	IE00B4WXJG34	ISHARES EG 5-7	EUR	154,6900	154,8500	154,6900	1266673,0000	3	154,8500	8180				
Tracker	IE00B0M63177	ISHARES EM MARKETS	EUR	32,8550	33,3250	32,8300	903316,1800	46	33,0950	27255				
Tracker	IE00BGDQQT50	ISHARES EM SRI USD	USD											
Tracker	IE00BKM4GZ66	ISHARES EMIM	EUR	22,4960	22,7970	22,4530	2650191,2300	91	22,6360	116782				
Tracker	IE00B0M62572	ISHARES ESTOXX DIV	EUR	19,6320	19,8160	19,5400	4052974,9700	119	19,7120	205222				
Tracker	IE00B0M62V02	ISHARES ESTOXX GRO	EUR	32,0250	32,3950	32,0250	450,9800	2	32,2550	14				
Tracker	IE00B02KXL92	ISHARES ESTOXX MID	EUR	52,2700	52,8700	52,0300	278368,5000	11	52,5400	5296				
Tracker	IE00B02KXM00	ISHARES ESTOXX SML	EUR	30,6040	30,8000	30,6040	81993,1600	5	30,6950	2663				
Tracker	IE00B0M62T89	ISHARES ESTOXX VAL	EUR	19,5800	19,7020	19,5800	1970,2000	1	19,6700	100				
Tracker	IE0008471009	ISHARES EURO STX50	EUR	30,8200	31,2550	30,7300	1618485,7000	64	30,9700	52044				
Tracker	IE00B14X4N27	ISHARES EUROP EXUK	EUR	28,3400	28,6950	28,3350	2492049,4600	45	28,4900	87164				
Tracker	IE00B1YZSC51	ISHARES EUROPE	EUR	21,4150	21,7100	21,3750	3223718,1400	70	21,5400	149525				
Tracker	IE00BGDPWW94	ISHARES EUROPE SRI	EUR											
Tracker	IE0005042456	ISHARES FTSE 100	EUR	7,4510	7,5570	7,4430	105406,8200	11	7,4910	14030				
Tracker	IE00B4WXJ64	ISHARES IEGA	EUR	122,2700	122,2700	121,7600	718066,1200	18	122,1000	5877				
Tracker	IE00B1FZ5467	ISHARES INFRA GLO	EUR	23,1150	23,3450	23,0700	15436,1600	5	23,2850	664				
Tracker	IE00B02KH56	ISHARES JAPAN	EUR	11,6550	11,8440	11,6520	1203917,1000	26	11,7660	102387				
Tracker	IE00BFM15T99	ISHARES JAPAN IMI	USD	4,7996	4,7996	4,7996			4,7996					
Tracker	IE00BGDQOV72	ISHARES JAPAN SRI	USD											
Tracker	IE00BF553838	ISHARES JPMESG	EUR	4,3385	4,3695	4,3385			4,3695					
Tracker	IE00B0M63391	ISHARES KOREA	EUR	34,4470	34,8070	34,4470	15602,6300	2	34,8070	450				



Instrument Type	Exchange Instrument ID	Instrument 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	IE00B27YCK28	ISHARES LATIN AM	EUR	14,4460	14,6870	14,3180	192016,7400	12	14,4940	13262				
Tracker	IE00B60J9Y53	ISHARES MSCI CEMP	GBP	4,4065	4,4280	4,4065			4,4280					
Tracker	IE00B4LSYC18	ISHARES MSCI EM A	EUR	26,8400	27,2300	26,8000	108589,0800	12	27,0350	4008				
Tracker	IE00B4K48X80	ISHARES MSCI EUR A	EUR	45,1400	45,7550	45,0600	3255993,3300	114	45,3900	71495				
Tracker	IE00B4LSYX21	ISHARES MSCI JAP A	EUR	33,7300	34,2200	33,6900	204651,4200	23	34,0800	6025				
Tracker	IE00B4LSY983	ISHARES MSCI WOR A	EUR	45,1150	45,8400	45,0000	5552481,2000	157	45,5050	121827				
Tracker	IE00B14X4M10	ISHARES N-AMERICA	EUR	43,3800	44,1150	43,3800	71564,3800	5	43,8300	1630				
Tracker	IE00B1TXHL60	ISHARES PRIVATE EQ	EUR	15,7100	15,9000	15,6500	131653,1800	10	15,8040	8301				
Tracker	IE00B1FZ5244	ISHARES PROP ASIA	EUR	23,2940	23,4890	23,2940			23,4890					
Tracker	IE00B0M63284	ISHARES PROP EURO	EUR	39,2400	39,3150	39,1150	870466,4800	44	39,1150	22175				
Tracker	IE00B1FZ5350	ISHARES PROP GLO	EUR	22,1640	22,3710	21,9600	467749,0600	35	22,3140	21072				
Tracker	IE00B1FZ5F77	ISHARES PROP US	EUR	24,8050	25,1300	24,8050	299613,1600	7	25,1200	12034				
Tracker	IE0031442068	ISHARES S&P 500	EUR	23,1540	23,5580	23,1130	4787169,3300	92	23,3570	204758				
Tracker	IE00B0D8KRH84	ISHARES SP500 B D	GBP											
Tracker	IE0008470928	ISHARES STOXX 50	EUR	28,5850	28,9500	28,5100	885192,2600	21	28,7100	30692				
Tracker	IE00B0M63623	ISHARES TAIWAN	EUR	34,6570	34,8940	34,5630	69,4500	2	34,8940	2				
Tracker	IE00B1FZ5574	ISHARES TURKEY	EUR	13,6910	13,7600	13,5710	18686,6300	10	13,6240	1372				
Tracker	IE00B14X4571	ISHARES US T 1-3	EUR	114,8100	115,3400	114,6000	141265,5000	4	115,3400	1232				
Tracker	IE00B1FZ5798	ISHARES US T 7-10	EUR	165,9400	166,9300	165,5200	91044,2800	2	166,9300	550				
Tracker	IE00B1FZ5C47	ISHARES US TIPS	EUR	177,5300	178,4400	177,5300			178,4400					
Tracker	IE00B2173746	ISHARES USA SRI	USD	4,8844	4,9244	4,8844			4,9244					
Tracker	IE0032895942	ISHARES USD CRP BD	EUR	95,2600	95,9600	94,9600	256356,4300	30	95,9600	2679				
Tracker	IE00B0M62Q58	ISHARES WORLD	EUR	36,6200	37,2500	36,6000	2502083,7300	65	36,9850	67568				
Tracker	IE00B3VWN393	ISHR \$ Gov 3-7A	EUR	108,8900	109,4600	108,8900			109,4600					
Tracker	IE00B525F786	ISHR Canada	EUR	100,9000	101,9800	100,6900	23689,2400	4	101,7100	235				
Tracker	IE00B3VTML14	ISHR E Gov 3-7A	EUR	132,5200	132,5600	132,5200	862703,1200	4	132,5400	6509				
Tracker	IE00B53L3W79	ISHR ESTX50 B A	EUR	94,8800	96,1100	94,6600	1405753,9700	37	95,3100	14698				
Tracker	IE00B53QDK08	ISHR Japan A	EUR	120,8400	122,7100	120,8400	70783,1900	8	122,0600	577				
Tracker	IE00B5WHFQ43	ISHR Mexico Cap	EUR	83,5300	84,6300	83,5300	39039,8200	5	83,7300	463				
Tracker	IE00B53QG562	ISHR MSCI EMUSC	EUR	100,6700	101,8300	100,3800	1229341,2800	22	101,1100	12105				
Tracker	IE00B525FT06	ISHR MSCI USA	EUR	219,9700	223,3000	219,8650	592398,3300	6	222,0250	2657				
Tracker	IE00B535ZB19	ISHR NASDAQ 100	EUR	327,3000	333,7500	327,3000	1542263,8500	18	331,5000	4679				
Tracker	IE00B52MJY50	ISHR Pac xlpn A	EUR	116,3200	117,8800	116,0600	64643,1400	17	117,4800	550				
Tracker	IE00B5V87390	ISHR Russia ADR	EUR	91,9500	92,9700	91,6200	461824,1400	8	92,2600	4996				
Tracker	IE00B5BMR087	ISHR S&P500 B A	EUR	226,3510	230,3860	226,0210	5564474,4200	69	228,5160	24332				
Tracker	IE00BQ70R696	IVZ NASDAQ BIOTECH	EUR	29,1750	29,5100	29,1750			29,5100					
Tracker	IE00B3YCGJ38	IVZ S&P 500	EUR	415,1700	419,0600	415,1700			419,0600					
Tracker	IE00BMW3QX54	L&G Robotics	EUR	11,7940	12,0320	11,7940	14456,4000	5	11,9200	1210				
Tracker	IE00BF0H7608	L&G Battery Value	EUR	8,3550	8,4356	8,3550			8,4356					
Tracker	IE00BF0M2296	L&G Battery Value	EUR	6,8475	6,9090	6,8475			6,9090					
Tracker	IE00BYPL5672	L&G Cyber Security	EUR	11,9760	12,1720	11,9240	56626,3400	8	12,0460	4679				
Tracker	IE00BHBDF83	L&G E Fund China A	EUR	10,4380	10,5660	10,4380			10,5660					
Tracker	IE00BF0M6N54	L&G Ecommerce	EUR	7,1188	7,1793	7,1188			7,1793					
Tracker	IE00B3CNHG25	L&G Gold Mining	EUR	17,9400	17,9820	17,8080	17789,8700	18	17,8080	993				
Tracker	IE00B4WPHX27	L&G Lg Dat Comm	EUR	12,0450	12,1630	12,0450	125889,5200	5	12,1560	10408				
Tracker	IE00B3CNHJ55	L&G Russell 2000	EUR	52,7500	53,2800	52,7500			53,2800					
Tracker	LU0854423687	LYXOR ACWI GOLD	USD	57,5800	57,5800	57,2200			57,2200					
Tracker	LU0832435464	LYXOR ETF VIX EUR	EUR	4,8040	4,9980	4,8040	480,4000	1	4,9980	100				
Tracker	LU1646359452	LYXOR JPY 400	JPY	17471,1500	17605,3500	17471,1500	682,7200	1	17605,3500	5				
Tracker	LU1812903158	MA CoCo AT1 ETF	EUR	95900,0000	95900,0000	95900,0000			95900,0000					
Tracker	IE00B4225144	MSCI JAP EH	EUR	45,5350	46,1350	45,5350	503438,1900	22	45,9200	10955				
Tracker	IE00B441G979	MSCI WRD EH	EUR	47,7500	48,4600	47,7400	74235,3400	18	48,0150	1539				
Tracker	LU0832436512	MULTI GL QUAL INC	USD	129,8200	131,7200	129,8200	23151,4200	1	130,2400	200				
Tracker	IE00B3ZWOK18	SP 500 EH	EUR	58,8480	59,7400	58,8480	796420,5800	29	59,1040	13435				
Tracker	IE00BYTRRG40	SPDR MSCI W TELE	EUR	25,9000	26,1600	25,9000			26,1600					
Tracker	US78467X1090	SPDR DJIA TRUST	EUR	215,0000	216,4000	215,0000			216,4000					
Tracker	IE00BYTRRG40	SPDR MSCI W C DIS	EUR	33,1000	33,4700	33,1000	5192,4600	1	33,4700	156				
Tracker	IE00BYTRR756	SPDR MSCI W C STAP	EUR	28,3300	28,6350	28,3300	568,6000	1	28,6350	20				
Tracker	IE00BYTRR863	SPDR MSCI W ENERGY	EUR	27,5900	28,0550	27,5900	39649,8300	6	27,7400	1424				
Tracker	IE00BYTRR870	SPDR MSCI W FINCLS	EUR	31,8150	32,1250	31,7200	22055,7300	5	31,9750	691				
Tracker	IE00BYTRR894	SPDR MSCI W HEALTH	EUR	32,5950	33,0000	32,5950	105061,9600	3	32,8750	3201				
Tracker	IE00BYTRRC02	SPDR MSCI W INDUST	EUR	31,0600	31,2800	31,0600			31,2800					
Tracker	IE00BYTRRF33	SPDR MSCI W MTRL	EUR	30,5600	30,8600	30,5600			30,8600					
Tracker	IE00BYTRRD19	SPDR MSCI W TECH	EUR	42,5650	43,1950	42,5150	148374,1900	12	43,0750	3480				
Tracker	IE00BYTRRH56	SPDR MSCI W UTIL	EUR	30,9800	31,2350	30,9800			31,2350					
Tracker	IE00BFWF5X50	SPDR US COMMS	EUR	15,7200	15,9100	15,7200			15,9100					
Tracker	IE00BWBXM278	SPDR US CONS DIS	EUR	24,5600	24,8300	24,5600			24,8300					
Tracker	IE00BWBXM385	SPDR US CONS STAP	EUR	21,4600	21,7600	21,4600	192428,4600	2	21,7600	8946				
Tracker	IE00BWBXM492	SPDR US ENERGY	EUR	16,3100	16,5900	16,3100	139588,2600	1	16,3800	8414				
Tracker	IE00BWBXM500	SPDR US FINAN	EUR	22,8900	23,0100	22,8900			23,0100					
Tracker	IE00BWBXM617	SPDR US HEALTH	EUR	22,2400	22,4800	22,2400			22,4800					
Tracker	IE00BWBXM724	SPDR US INDUST	EUR	23,4300	23,8500	23,4300	335010,5400	3	23,5700	14050				



Instrument Type	Exchange Instrument ID	Instrument 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	IE00BWBXM869	SPDR US ITLIT	EUR	25,7100	25,8600	25,6700	324716,7900	3	25,8600	12637				
Tracker	IE00BWBXM831	SPDR US MATERIAL	EUR	20,0700	20,3400	20,0700			20,3400					
Tracker	IE00BWBXM948	SPDR US TECH	EUR	28,9200	29,2400	28,9200			29,2400					
Tracker	NL0010273801	TC IAA	EUR	22,2680	22,2710	22,2380	570281,4500	5		25643				
Tracker	NL0009272749	THINK AEX	EUR	50,0900	50,7000	50,0200	1283009,2700	92	50,3700	25482				
Tracker	NL0009272756	THINK AMX	EUR	65,0000	65,8000	64,7900	116286,1000	30	65,3000	1786				
Tracker	NL0010731816	THINK EUROP EQ ETF	EUR	49,8400	50,6100	49,8400	34382,8400	9	50,4200	682				
Tracker	NL0009690221	THINK GLOBAL EQ.	EUR	37,9900	38,7000	37,9900	274306,0400	60	38,3960	7142				
Tracker	NL0009690239	THINK GLOBAL RE	EUR	37,8120	38,2300	37,6760	321008,6600	25	38,1200	8460				
Tracker	NL0011683594	THINK HIGH DIV	EUR	26,1050	26,5000	26,0900	189934,1600	17	26,3050	7211				
Tracker	NL0009690247	THINK IBOXX CORP.	EUR	17,6250	17,6800	17,6020	242522,1600	8	17,6300	13770				
Tracker	NL0009690254	THINK IBOXX GOV.	EUR	13,7420	13,7420	13,6830	843839,7600	9	13,7100	61669				
Tracker	NL0009272764	THINK MIX DF	EUR	54,8500	54,8500	54,5900	2021,5300	4	54,6200	37				
Tracker	NL0009272772	THINK MIX NL	EUR	57,9500	58,5000	57,8600	35675,4100	4	58,2300	612				
Tracker	NL0009272780	THINK MIX OF	EUR	59,8800	60,3100	59,5200	52340,1100	11	60,0700	871				
Tracker	NL0011376074	THINK NRTH AMERICA	EUR	29,3900	29,9500	29,3900	310765,6000	12	29,6300	10472				
Tracker	NL0010408704	THINK SUSTAINABLE	EUR	77,4500	78,5400	77,4400	314620,9800	12	78,0300	4011				
Tracker	LU0629460089	UBS ETF ASRUSA	EUR	93,7900	95,3800	93,7900	174714,5600	6	94,8700	1842				
Tracker	IE00BDRS5927	UBS ETF AWSR	EUR	8,7870	8,8380	8,7870			8,8380					
Tracker	LU1130155606	UBS ETF CAHEUA	EUR	15,4840	15,5200	15,4810	526,3500	1	15,5200	34				
Tracker	LU0446734872	UBS ETF CANCDA	EUR	24,9190	25,1150	24,9190			25,1150					
Tracker	LU1048314196	UBS ETF CBEUS	EUR	13,4290	13,4310	13,3940	18559,4700	4	13,4310	1385				
Tracker	LU1484799769	UBS ETF CBSE	EUR	13,6260	13,6530	13,6260			13,6530					
Tracker	LU1215461085	UBS ETF CBSUS	EUR	13,8860	13,9900	13,8860			13,9900					
Tracker	LU1215461325	UBS ETF CBSUSE	EUR	14,5320	14,5730	14,5320			14,5730					
Tracker	LU1048316647	UBS ETF CBUS	EUR											
Tracker	LU1048314949	UBS ETF CBUS5	EUR	12,3270	12,3270	12,3270			12,3270					
Tracker	LU1048315243	UBS ETF CBUSSE	EUR	14,0650	14,0710	14,0650			14,0710					
Tracker	LU1048317025	UBS ETF CBUSE	EUR											
Tracker	LU0136234068	UBS ETF E50EUA	EUR	30,4300	30,5850	30,4300			30,5850					
Tracker	LU0721553864	UBS ETF E50EUA	EUR	99,7400	99,7400	99,7400			99,7400					
Tracker	LU1215454460	UBS ETF ELOVD	EUR	13,7400	13,7800	13,7400			13,7800					
Tracker	LU0480132876	UBS ETF EMMUSA	EUR	84,2700	84,8400	84,2700			84,8400					
Tracker	LU0147308422	UBS ETF EMUEUA	EUR	107,7600	108,2600	107,7600			108,2600					
Tracker	LU1215452928	UBS ETF EPVLD	EUR	14,1040	14,1480	14,1040			14,1480					
Tracker	LU1215451524	UBS ETF EQLTD	EUR	16,5680	16,6420	16,5680			16,6420					
Tracker	LU0671493277	UBS ETF ESCEUA	EUR	84,0200	84,0500	84,0200			84,0500					
Tracker	LU0629460675	UBS ETF ESREUA	EUR	83,8700	84,5500	83,8700	116030,6400	8	84,0400	1376				
Tracker	LU1215455947	UBS ETF ETSYD	EUR	14,5520	14,6280	14,5520			14,6280					
Tracker	LU0446734104	UBS ETF EUREUA	EUR	56,7200	56,9800	56,7200			56,9800					
Tracker	LU1169827224	UBS ETF HKDU	EUR	15,8060	16,0040	15,8060			16,0040					
Tracker	LU0937837945	UBS ETF JPEUAH	EUR	18,3130	18,4750	18,3130			18,4750					
Tracker	LU0136240974	UBS ETF JPNJPA	EUR	36,6900	37,0600	36,6900			37,0600					
Tracker	LU1230561679	UBS ETF JPSR	EUR	17,4760	17,5200	17,4760	15920,6400	1	17,5200	911				
Tracker	LU1048313891	UBS ETF MSRUSA	EUR	11,0660	11,1100	11,0660			11,1100					
Tracker	LU0446734526	UBS ETF PACUSA	EUR	34,5500	34,8650	34,5500			34,8650					
Tracker	LU0629460832	UBS ETF PSRUSA	EUR	55,9900	56,7100	55,9900	17454,4400	2	56,4700	308				
Tracker	LU1169825954	UBS ETF SGPDU	EUR	15,2080	15,3240	15,2080			15,3240					
Tracker	LU1280303014	UBS ETF USSRF	EUR	14,6840	14,7700	14,6840			14,7700					
Tracker	LU0721552544	UBS ETF UT1USA	EUR	21,7110	21,8140	21,7110			21,8140					
Tracker	LU0721552973	UBS ETF UT7USA	EUR	35,7350	35,9450	35,7350			35,9450					
Tracker	LU0629459743	UBS ETF WSRUSA	EUR	76,9100	76,9100	76,9100			76,9100					
Tracker	IE00BWT3KS11	UBS IRL AUHEUA	EUR	12,1600	12,1600	12,1600			12,1600					
Tracker	IE00BMP3HG27	UBS IRL GLDVO	EUR	8,2100	8,2100	8,2100			8,2100					
Tracker	IE00B7K93397	UBS IRL SP5USY	EUR	37,5080	37,8490	37,5080			37,8490					
Tracker	IE00BMP3HN93	UBS IRL UKSR	EUR	15,8850	16,0080	15,8850			16,0080					
Tracker	IE00BX7RQY03	UBS IRL ULQVO	EUR	17,8300	17,8300	17,8300			17,8300					
Tracker	IE00BWT3KJ20	UBS IRL ULQVE	EUR	18,5300	18,5300	18,5300			18,5300					
Tracker	IE00BX7RR706	UBS IRL UPVLD	EUR	17,9200	17,9200	17,9200			17,9200					
Tracker	IE00BWT3KL42	UBS IRL UPVLE	EUR	17,6500	17,6500	17,6500			17,6500					
Tracker	IE00BX7RRJ27	UBS IRL UQLTD	EUR	19,2400	19,2400	19,2400			19,2400					
Tracker	IE00BWT3KN65	UBS IRL UQLTE	EUR	18,7600	18,7600	18,7600			18,7600					
Tracker	IE00B77D4428	UBS IRL USAUSY	EUR	56,2000	56,7600	56,2000			56,7600					
Tracker	IE00BD4TYF66	UBS IRL USEUYH	EUR	20,3660	20,4600	20,3660			20,4600					
Tracker	IE00BX7RRT25	UBS IRL UTSYD	EUR	18,0800	18,0800	18,0800			18,0800					
Tracker	IE00BWT3KQ96	UBS IRL UTSYE	EUR	18,0800	18,0800	18,0800			18,0800					
Tracker	IE00B7KQ7B66	UBS IRL WRDUSY	EUR	43,1690	43,5410	43,1690			43,5410					
Tracker	IE00BZ163G84	VANGUARD EURCORPBD	EUR	50,8600	50,8600	50,7800	817715,0500	6	50,8300	16100				
Tracker	IE00BZ163H91	VANGUARD EURGVBD	EUR	24,9420	24,9660	24,9100	23341,4200	5	24,9570	936				
Tracker	IE00B9F5YL18	VANGUARD FTSE APXJ	EUR	20,1410	20,4600	20,1410	24624,3200	8	20,3360	1214				
Tracker	IE00B3BRWM25	VANGUARD FTSE AW	EUR	68,5600	69,6300	68,3500	898243,2500	121	69,2100	12990				
Tracker	IE00BKX55542	VANGUARD FTSE DE	EUR	26,1850	26,4800	26,1150	605542,9800	20	26,3250	22976				



Instrument Type	Exchange Instrument ID	Instrument 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	IE00BKXS5T58	VANGUARD FTSE DW	EUR	50,6900	51,5000	50,6900	130865,3500	6	51,0800	2542				
Tracker	IE00B3VMM84	VANGUARD FTSE EM	EUR	46,0400	46,6800	45,9700	465361,4900	39	46,3100	10056				
Tracker	IE00B945VV12	VANGUARD FTSE EUR	EUR	27,1030	27,4500	27,0350	6171323,0900	391	27,2800	226327				
Tracker	IE00B8GKDB10	VANGUARD FTSE HDY	EUR	45,0000	45,6410	44,9990	163868,4300	26	45,3780	3605				
Tracker	IE00B95PGT31	VANGUARD FTSE JPN	EUR	24,6250	25,0300	24,6150	733478,0000	26	24,8600	29600				
Tracker	IE00BKXS5R35	VANGUARD FTSE NA	EUR	57,1500	57,6900	57,1500			57,6900					
Tracker	IE00BYR0D71	VANGUARD GLBLLIQ	EUR	27,5470	27,7680	27,5470	2082,6000	1	27,7680	75				
Tracker	IE00BYR0C64	VANGUARD GLBLMINVO	EUR	27,7650	28,1070	27,7650	4549,6100	3	28,0690	162				
Tracker	IE00BYR0R935	VANGUARD GLBLMOM	EUR	26,1510	26,3850	26,1510			26,3850					
Tracker	IE00BYR0R857	VANGUARD GLBLVAL	EUR	27,0520	27,5040	26,9730	43734,0800	4	27,3240	1612				
Tracker	IE00B3XXRP09	VANGUARD S&P500	EUR	44,1070	44,9090	44,0530	5093770,6700	254	44,5340	114628				
Tracker	IE00BZ163K21	VANGUARD USDCORPBD	EUR	43,7400	44,0910	43,7170	32084,9800	4	44,0910	733				
Tracker	IE00BZ163L38	VANGUARD USDEMGVBN	EUR	42,2900	42,8300	42,2900	296,0300	3	42,8300	7				
Tracker	IE00BZ163M45	VANGUARD USDTRBOND	EUR	20,9320	21,0290	20,8400	81161,9000	13	21,0290	3881				
Warrant	NL0010950440	AALB 21SPLOPENG	EUR	9,9700	10,2400	9,9700			10,2400					
Warrant	NL0012080386	AALB 37SPLOPENG	EUR											
Warrant	NL0009112408	AALB 3.4SPLOPENG	EUR	25,9300	26,2000	25,9300			26,2000					
Warrant	NL0009113158	AALB 5.1SPLOPENG	EUR	24,4600	24,7300	24,4600			24,7300					
Warrant	NL0009236397	AALB 6.1SPLOPENG	EUR	23,4900	23,7600	23,4900			23,7600					
Warrant	NL0009367085	AALB 7.3SPLOPENG	EUR	22,4600	22,7300	22,4600			22,7300					
Warrant	NL0009902287	AALB 8.4SPLOPENG	EUR	21,4500	21,7200	21,4500			21,7200					
Warrant	NL0010216347	AALB 11.9SPLOPENG	EUR	18,2100	18,4800	18,2100			18,4800					
Warrant	NL0010466462	AALB 15.4SPLOPENG	EUR	15,0900	15,3600	15,0900			15,3600					
Warrant	NL0010526125	AALB 16.7SPLOPENG	EUR	13,9100	14,1800	13,9100			14,1800					
Warrant	NL0010942421	AALB 19.5SPLOPENG	EUR	11,3700	11,6400	11,3700			11,6400					
Warrant	NL0011012653	AALB 22.6SPLOPENG	EUR	8,4800	8,7500	8,4800			8,7500					
Warrant	NL0011373147	AALB 24.4SPLOPENG	EUR	6,9100	7,1800	6,9100			7,1800					
Warrant	NL0011848296	AALB 26.2SPLOPENG	EUR	5,2700	5,5400	5,2700			5,5400					
Warrant	NL0012064232	AALB 28.1SPLOPENG	EUR	3,5200	3,7900	3,5200			3,7900					
Warrant	NL0012064596	AALB 30.2SPLOPENG	EUR											
Warrant	NL0012067128	AALB 32.3SPLOPENG	EUR											
Warrant	NL0012829303	AALB 34.6SPLOPENG	EUR											
Warrant	NL0012076913	AALB 34.6SPLOPENG	EUR											
Warrant	NL0012464663	AALB 46.9SPSOPENG	EUR	23,3300	23,3300	23,0200			23,0200					
Warrant	DE000CV8AJP2	ABLIZ 80C 0319Z	EUR	0,0270	0,0270	0,0270			0,0270					
Warrant	DE000CV8AJN7	ABLIZ 80C 1218Z	EUR	0,0250	0,0250	0,0250			0,0250					
Warrant	NL0011481379	ABN 10SPLOPENG	EUR	11,9500	11,9600	11,9500			11,9600					
Warrant	NL0011481387	ABN 11SPLOPENG	EUR	11,0100	11,0200	11,0100			11,0200					
Warrant	DE000CV894U6	ABN 20C 1218Z	EUR	1,2400	1,2400	1,2400			1,2400					
Warrant	NL0012826036	ABN 22SPLOPENG	EUR											
Warrant	NL0012828255	ABN 23SPLOPENG	EUR											
Warrant	DE000CV8APT1	ABN 24C 0319Z	EUR	0,0510	0,0510	0,0510			0,0510					
Warrant	DE000CJ3PIQ5	ABN 24C 0619Z	EUR	0,0840	0,0840	0,0840			0,0840					
Warrant	DE000CV894W2	ABN 25C 1218Z	EUR	0,0230	0,0230	0,0230			0,0230					
Warrant	DE000CV8AM94	ABN 26C 0319Z	EUR	0,0190	0,0190	0,0190			0,0190					
Warrant	NL0011847629	ABN 12.SPLOPENG	EUR	9,3300	9,3400	9,3300			9,3400					
Warrant	NL0011846910	ABN 9.4SPLOPENG	EUR	12,5400	12,5500	12,5400			12,5500					
Warrant	NL0011848379	ABN 11.7SPLOPENG	EUR	10,3400	10,3500	10,3400			10,3500					
Warrant	NL0011848361	ABN 12.5SPLOPENG	EUR	9,6500	9,6600	9,6500			9,6600					
Warrant	NL0011851134	ABN 13.3SPLOPENG	EUR	8,9100	8,9200	8,9100			8,9200					
Warrant	NL0011852025	ABN 14.1SPLOPENG	EUR	8,1500	8,1600	8,1500			8,1600					
Warrant	NL0011853304	ABN 14.9SPLOPENG	EUR	7,3600	7,3700	7,3600			7,3700					
Warrant	NL0011857412	ABN 15.8SPLOPENG	EUR	6,5600	6,5700	6,5600			6,5700					
Warrant	NL0011856794	ABN 16.1SPLOPENG	EUR	5,2700	5,2800	5,2700			5,2800					
Warrant	NL0011858410	ABN 16.8SPLOPENG	EUR	5,6700	5,6800	5,6700			5,6800					
Warrant	NL0012063325	ABN 17.7SPLOPENG	EUR	4,7600	4,7700	4,7600			4,7700					
Warrant	NL0012063929	ABN 18.8SPLOPENG	EUR	3,8100	3,8200	3,8100			3,8200					
Warrant	NL0012073027	ABN 19.8SPLOPENG	EUR	2,8000	2,8100	2,8000			2,8100					
Warrant	NL0012836266	ABN 20.8SPLOPENG	EUR	1,8800	1,8900	1,8800			1,8900					
Warrant	NL0012076004	ABN 20.9SPLOPENG	EUR											
Warrant	DE000CJ3PIJ7	ABN 22.5C 0319Z	EUR	0,1150	0,1150	0,1150			0,1150					
Warrant	DE000CV894V4	ABN 22.5C 1218Z	EUR	0,0600	0,0600	0,0600			0,0600					
Warrant	NL0012831622	ABN 23.1SPLOPENG	EUR											
Warrant	NL0012833933	ABN 23.2SPSOPENG	EUR											
Warrant	NL0012821524	ABN 24.2SPSOPENG	EUR											
Warrant	NL0012473086	ABN 24.9SPSOPENG	EUR	3,8900	3,8900	3,8600	77,8000	1	3,8600	20				
Warrant	NL0012474845	ABN 25.2SPSOPENG	EUR	6,2000	6,2000	6,1900			6,1900					
Warrant	NL0012469738	ABN 27.3SPSOPENG	EUR	8,3600	8,3600	8,3500			8,3500					
Warrant	NL0011621412	ABN 11.28SPLOPENG	EUR	10,0200	10,0300	10,0200			10,0300					
Warrant	NL0011848049	ABN 12.75SPLOPENG	EUR	8,5600	8,5700	8,5600			8,5700					
Warrant	NL0011850607	ABN 13.54SPLOPENG	EUR	7,8000	7,8100	7,8000			7,8100					
Warrant	NL0011851381	ABN 14.36SPLOPENG	EUR	6,9700	6,9800	6,9700			6,9800					



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
Warrant	NL0011852983	ABN 15.21SPLOPENG	EUR	6,1200	6,1300	6,1200			6,1300					
Warrant	NL0011857479	ABN 17.04SPLOPENG	EUR	4,2900	4,3000	4,2900			4,3000					
Warrant	NL0011862727	ABN 18.02SPLOPENG	EUR	3,3100	3,3200	3,3100			3,3200					
Warrant	NL0012062988	ABN 19.05SPLOPENG	EUR	2,2900	2,3000	2,2900			2,3000					
Warrant	NL0012070619	ABN 20.13SPLOPENG	EUR	1,2100	1,2200	1,2100			1,2200					
Warrant	NL0012825129	ABN 21.13SPLOPENG	EUR											
Warrant	NL0012834501	ABN 21.14SPLOPENG	EUR											
Warrant	NL0012835078	ABN 22.17SPLOPENG	EUR											
Warrant	NL0012835474	ABN 22.19SPLOPENG	EUR											
Warrant	NL0012825830	ABN 22.21SPLOPENG	EUR											
Warrant	NL0012837371	ABN 23.15SPSOPENG	EUR	2,1100	2,1100	2,1000			2,1000					
Warrant	NL0012831887	ABN 23.31SPLOPENG	EUR											
Warrant	NL0012821003	ABN 23.96SPSOPENG	EUR											
Warrant	NL0012462006	ABN 26.88SPSOPENG	EUR	5,8600	5,8600	5,8500			5,8500					
Warrant	NL0012468557	ABN 28.86SPSOPENG	EUR	7,8400	7,8400	7,8300			7,8300					
Warrant	NL0011846589	ABN 9.251SPLOPENG	EUR	12,0700	12,0800	12,0700			12,0800					
Warrant	NL0011846431	ADIDA 120SPLOPENG	EUR	81,9600	86,7100	81,9600			86,7100					
Warrant	NL0010758488	ADIDA 49.3SPLOPENG	EUR	147,7500	152,5000	147,7500			152,5000					
Warrant	NL0011851969	ADIDA142.2SPLOPENG	EUR											
Warrant	NL0012073464	ADIDA156.1SPLOPENG	EUR	4,9000	5,3700	4,9000			5,3700					
Warrant	NL0012477418	ADIDA170.4SPLOPENG	EUR	3,5700	4,0500	3,5700			4,0500					
Warrant	NL0012826739	ADIDA185.7SPLOPENG	EUR	2,1400	2,6200	2,1400			2,6200					
Warrant	NL0012068159	ADIDA187.6SPSOPENG	EUR											
Warrant	NL0012827984	ADIDA201.8SPLOPENG	EUR											
Warrant	NL0012465231	ADIDA218.2SPSOPENG	EUR	4,3100	4,3100	3,8400			3,8400					
Warrant	NL0012823702	ADYEN 494SPLOPENG	EUR											
Warrant	NL0012825277	ADYEN 563SPLOPENG	EUR											
Warrant	NL0012826960	ADYEN 611SPSOPENG	EUR											
Warrant	NL0012821698	ADYEN141.2SPLOPENG	EUR	32,1900	33,1000	32,1900			33,1000					
Warrant	NL0012821680	ADYEN161.3SPLOPENG	EUR	30,3600	31,2600	30,3600			31,2600					
Warrant	NL0012821672	ADYEN181.5SPLOPENG	EUR	28,5300	29,4300	28,5300			29,4300					
Warrant	NL0012821664	ADYEN201.6SPLOPENG	EUR	26,6900	27,6000	26,6900			27,6000					
Warrant	NL0012821979	ADYEN251.9SPLOPENG	EUR	22,1200	23,0200	22,1200			23,0200					
Warrant	NL0012821987	ADYEN302.4SPLOPENG	EUR	17,5300	18,4400	17,5300			18,4400					
Warrant	NL0012821995	ADYEN352.7SPLOPENG	EUR	12,9500	13,8600	12,9500			13,8600					
Warrant	NL0012822399	ADYEN377.4SPLOPENG	EUR	10,7100	11,6100	10,7100			11,6100					
Warrant	NL0012836035	ADYEN387.2SPLOPENG	EUR	6,3600	7,2000	6,3600	2925,0000	1	7,2000	450				
Warrant	NL0012835854	ADYEN403.8SPLOPENG	EUR	8,2300	9,1300	8,2300			9,1300					
Warrant	NL0012836357	ADYEN425.9SPLOPENG	EUR	2,4800	3,3900	2,4000	480,0000	1	3,3900	200				
Warrant	NL0012826721	ADYEN429.8SPLOPENG	EUR											
Warrant	NL0012822381	ADYEN431.5SPLOPENG	EUR											
Warrant	NL0012835862	ADYEN461.5SPSOPENG	EUR											
Warrant	NL0012823157	ADYEN461.7SPLOPENG	EUR											
Warrant	NL0012825608	ADYEN477.5SPLOPENG	EUR											
Warrant	NL0012836530	ADYEN484.3SPSOPENG	EUR	9,0300	9,0300	8,0200			8,0200					
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	ADYEN556.9SPSOPENG	EUR	11,0700	11,0700	10,0500			10,0500					
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	ADYEN655.2SPSOPENG	EUR	20,9000	20,9000	19,8800			19,8800					
Warrant	NL0012826069	ADYEN670.7SPSOPENG	EUR											
Warrant	NL0012825871	ADYEN674.3SPSOPENG	EUR											
Warrant	NL0012825889	ADYEN770.8SPSOPENG	EUR	33,3100	33,3100	32,3000			32,3000					
Warrant	NL0012830145	ADYEN886.4SPSOPENG	EUR	44,0200	44,0200	43,0100			43,0100					
Warrant	NL0009765163	AEGON 1SPLOPENG	EUR	3,5900	3,5900	3,5800			3,5800					
Warrant	DE000CJ3Q566	AEGON 5C 0619Z	EUR	0,1450	0,1450	0,1350			0,1350					
Warrant	DE000CV89507	AEGON 5C 1218Z	EUR	0,0170	0,0170	0,0120			0,0120					
Warrant	NL0012827596	AEGON 5SPLOPENG	EUR											
Warrant	DE000CV8AMA8	AEGON 6C 0319Z	EUR	0,0170	0,0170	0,0160			0,0160					
Warrant	DE000CV8AEF4	AEGON 6C 1218Z	EUR	0,0110	0,0110	0,0100			0,0100					
Warrant	NL0006428286	AEGON 0.2SPLOPENG	EUR	4,2300	4,2300	4,2200			4,2200					



Instrument Type	Exchange Instrument ID	Instrument 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	NL0006428419	AEGON 0.75PLOPENG	EUR	3,8200	3,8200	3,8200			3,8200					
Warrant	NL0009901941	AEGON 1.25PLOPENG	EUR	3,3100	3,3100	3,3000			3,3000					
Warrant	NL0009905264	AEGON 1.65PLOPENG	EUR	3,0200	3,0200	3,0100			3,0100					
Warrant	NL0010095642	AEGON 1.75PLOPENG	EUR	2,8500	2,8500	2,8500			2,8500					
Warrant	NL0010104196	AEGON 1.95PLOPENG	EUR	2,6900	2,6900	2,6900			2,6900					
Warrant	NL0010202354	AEGON 2.15PLOPENG	EUR	2,5100	2,5100	2,5000			2,5000					
Warrant	NL0011848304	AEGON 2.65PLOPENG	EUR	2,1000	2,1000	2,0900			2,0900					
Warrant	NL0011850839	AEGON 2.75PLOPENG	EUR	1,9700	1,9700	1,9700			1,9700					
Warrant	NL0011857354	AEGON 3.15PLOPENG	EUR	1,6400	1,6400	1,6400			1,6400					
Warrant	NL0011859335	AEGON 3.55PLOPENG	EUR	1,3000	1,3000	1,3000			1,3000					
Warrant	NL0012072896	AEGON 3.75PLOPENG	EUR	1,1200	1,1200	1,1200			1,1200					
Warrant	NL0012074140	AEGON 3.95PLOPENG	EUR	0,9100	0,9100	0,9100			0,9100					
Warrant	NL0012077317	AEGON 4.15PLOPENG	EUR	0,7300	0,7300	0,7300			0,7300					
Warrant	NL0012077747	AEGON 4.35PLOPENG	EUR	0,5400	0,5400	0,5400			0,5400					
Warrant	NL0012463079	AEGON 4.65PLOPENG	EUR											
Warrant	NL0012463848	AEGON 4.85PLOPENG	EUR											
Warrant	NL0012824437	AEGON 5.25PLOPENG	EUR											
Warrant	NL0012831085	AEGON 5.35PLOPENG	EUR											
Warrant	NL0012835268	AEGON 5.35PLOPENG	EUR											
Warrant	DE000CV8AY09	AEGON 5.5C 0319Z	EUR	0,0380	0,0380	0,0330			0,0330					
Warrant	DE000CJ3JRJ3	AEGON 5.5C 0619Z	EUR	0,0750	0,0750	0,0690			0,0690					
Warrant	DE000CV89515	AEGON 5.5C 1218Z	EUR	0,0110	0,0110	0,0110			0,0110					
Warrant	NL0012836100	AEGON 5.55PSOPENG	EUR	1,8300	1,8300	1,8300			1,8300					
Warrant	NL0012833685	AEGON 5.55PSOPENG	EUR											
Warrant	NL0012831564	AEGON 5.65PLOPENG	EUR											
Warrant	NL0012821383	AEGON 5.75PSOPENG	EUR											
Warrant	NL0011196753	AEGON 5.95PSOPENG	EUR	2,3000	2,3000	2,3000			2,3000					
Warrant	NL0012468839	AEGON 6.45PSOPENG	EUR	2,7800	2,7800	2,7800			2,7800					
Warrant	NL0012479711	AEGON 6.85PSOPENG	EUR	3,2900	3,2900	3,2900			3,2900					
Warrant	NL0011859178	AEGON 3.275PLOPENG	EUR	1,1500	1,1500	1,1200	112,0000	1	1,1500	100				
Warrant	NL0012837272	AEGON 4.785PSOPENG	EUR	0,4500	0,4600	0,4500			0,4600					
Warrant	DE000CJ3Q558	AEGON 5.15C 0319Z	EUR	0,0710	0,0710	0,0630			0,0630					
Warrant	DE000CJ3P026	AEGON 6.05C 0619Z	EUR	0,0390	0,0390	0,0360			0,0360					
Warrant	NL0011847116	AEGON1.989SPLOPENG	EUR	2,4400	2,4400	2,4400			2,4400					
Warrant	NL0011845532	AEGON2.2745PLOPENG	EUR	2,1600	2,1600	2,1500			2,1500					
Warrant	NL0011844311	AEGON2.4295PLOPENG	EUR	2,0000	2,0000	2,0000			2,0000					
Warrant	NL0011847280	AEGON2.5855PLOPENG	EUR	1,8300	1,8300	1,8300			1,8300					
Warrant	NL0011847900	AEGON2.7495PLOPENG	EUR	1,6900	1,7000	1,6900	850,0000	1	1,6900	500				
Warrant	NL0011856042	AEGON2.9145PLOPENG	EUR	1,5300	1,5300	1,5200			1,5200					
Warrant	NL0011856729	AEGON3.0875PLOPENG	EUR	1,3500	1,3500	1,3500			1,3500					
Warrant	NL0011859657	AEGON3.6625PLOPENG	EUR	0,7800	0,7800	0,7500	75,0000	1	0,7700	100				
Warrant	NL0012073217	AEGON3.8675PLOPENG	EUR	0,5600	0,5600	0,5500			0,5500					
Warrant	NL0012075311	AEGON4.0825PLOPENG	EUR	0,3500	0,3500	0,3400			0,3400					
Warrant	NL0012077143	AEGON4.3085PLOPENG	EUR	0,1100	0,1200	0,1000	3290,0000	3	0,1000	30000				
Warrant	NL0012462881	AEGON4.5385PLOPENG	EUR											
Warrant	NL0012463913	AEGON4.7795PLOPENG	EUR											
Warrant	NL0012067359	AEGON4.9775PLOPENG	EUR											
Warrant	NL0012824700	AEGON5.0225PLOPENG	EUR											
Warrant	NL0012837157	AEGON5.1425PSOPENG	EUR	0,8200	0,8200	0,8200			0,8200					
Warrant	NL0012830467	AEGON5.2655PLOPENG	EUR											
Warrant	NL0012833156	AEGON5.2665PLOPENG	EUR											
Warrant	NL0012834402	AEGON5.2745PLOPENG	EUR											
Warrant	NL0012830798	AEGON5.5275PLOPENG	EUR											
Warrant	NL0012831531	AEGON5.5295PLOPENG	EUR											
Warrant	NL0012836571	AEGON5.5315PSOPENG	EUR	1,2100	1,2100	1,2100			1,2100					
Warrant	NL0012832687	AEGON5.5425PSOPENG	EUR											
Warrant	NL0012820922	AEGON5.5515PSOPENG	EUR											
Warrant	NL0011196506	AEGON5.9485PSOPENG	EUR	1,6200	1,6300	1,6200			1,6300					
Warrant	NL0011203740	AEGON6.9935PSOPENG	EUR	2,6800	2,6800	2,6800			2,6800					
Warrant	NL0011205893	AEGON7.5525PSOPENG	EUR	3,2300	3,2300	3,2300			3,2300					
Warrant	NL0006423097	AEX 36SPLOPENG	EUR	46,5700	46,5700	46,5700			46,5700					
Warrant	NL0006428179	AEX 49SPLOPENG	EUR	45,3100	45,3100	45,3100			45,3100					
Warrant	NL0006428161	AEX 62SPLOPENG	EUR	44,1000	44,1000	44,1000			44,1000					
Warrant	NL0006422982	AEX 74SPLOPENG	EUR	42,9100	42,9100	42,9100			42,9100					
Warrant	NL0006427973	AEX 80SPLOPENG	EUR	42,2800	42,2800	42,2800			42,2800					
Warrant	NL0006427965	AEX 86SPLOPENG	EUR	41,6800	41,6800	41,6800			41,6800					
Warrant	NL0006428351	AEX 98SPLOPENG	EUR	40,4900	40,4900	40,4900			40,4900					
Warrant	NL0009105006	AEX 112SPLOPENG	EUR	39,1900	39,1900	39,1900			39,1900					
Warrant	NL0009105147	AEX 119SPLOPENG	EUR	38,4800	38,4800	38,4800			38,4800					
Warrant	NL0009105139	AEX 125SPLOPENG	EUR	37,8800	37,8800	37,8800			37,8800					
Warrant	NL0009105592	AEX 132SPLOPENG	EUR	37,1700	37,1700	37,1700			37,1700					
Warrant	NL0009106889	AEX 139SPLOPENG	EUR	36,5500	36,5500	36,5500			36,5500					



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
Warrant	NL0009106871	AEX 145SPLOPENG	EUR	35,9400	35,9400	35,9400			35,9400					
Warrant	NL0009106863	AEX 151SPLOPENG	EUR	35,3400	35,3400	35,3400			35,3400					
Warrant	NL0009111012	AEX 157SPLOPENG	EUR	34,7300	34,7300	34,7300			34,7300					
Warrant	NL0009111004	AEX 163SPLOPENG	EUR	34,1400	34,1400	34,1400			34,1400					
Warrant	NL0009111061	AEX 169SPLOPENG	EUR	33,5400	33,5400	33,5400			33,5400					
Warrant	NL0009111053	AEX 175SPLOPENG	EUR	32,9500	32,9500	32,9500			32,9500					
Warrant	NL0009111046	AEX 181SPLOPENG	EUR	32,3600	32,3600	32,3600			32,3600					
Warrant	NL0009879477	AEX 187SPLOPENG	EUR	31,8400	31,8400	31,8400			31,8400					
Warrant	NL0009879469	AEX 192SPLOPENG	EUR	31,3100	31,3100	31,3100			31,3100					
Warrant	NL0009901792	AEX 197SPLOPENG	EUR	30,7900	30,7900	30,7900			30,7900					
Warrant	NL0009901784	AEX 203SPLOPENG	EUR	30,2400	30,2400	30,2400			30,2400					
Warrant	NL0009901925	AEX 209SPLOPENG	EUR	29,6900	29,6900	29,6900			29,6900					
Warrant	NL0009902220	AEX 214SPLOPENG	EUR	29,1300	29,1300	29,1300			29,1300					
Warrant	NL0010102521	AEX 226SPLOPENG	EUR	28,0200	28,0200	28,0200			28,0200					
Warrant	NL0010084976	AEX 231SPLOPENG	EUR	27,4800	27,4800	27,4800			27,4800					
Warrant	NL0010085239	AEX 237SPLOPENG	EUR	26,9000	26,9000	26,9000			26,9000					
Warrant	NL0010085221	AEX 243SPLOPENG	EUR	26,3100	26,3100	26,3100			26,3100					
Warrant	NL0010087052	AEX 249SPLOPENG	EUR	25,7100	25,7100	25,7100			25,7100					
Warrant	NL0010201893	AEX 256SPLOPENG	EUR	25,0700	25,0700	25,0700			25,0700					
Warrant	NL0010215349	AEX 263SPLOPENG	EUR	24,1400	24,3900	24,1400	193,1200	1	24,3900	8				
Warrant	NL0010215786	AEX 270SPLOPENG	EUR	23,6800	23,6800	23,6800			23,6800					
Warrant	NL0010350492	AEX 277SPLOPENG	EUR	22,9700	22,9700	22,9700			22,9700					
Warrant	NL0010465506	AEX 284SPLOPENG	EUR	22,2500	22,2500	22,2500			22,2500					
Warrant	NL0010465498	AEX 292SPLOPENG	EUR	21,5300	21,5300	21,5300			21,5300					
Warrant	NL0010467718	AEX 299SPLOPENG	EUR	20,7800	20,7800	20,7800			20,7800					
Warrant	NL0010468476	AEX 307SPLOPENG	EUR	20,0200	20,0200	20,0200			20,0200					
Warrant	NL0010535225	AEX 315SPLOPENG	EUR	19,2500	19,2500	19,2500			19,2500					
Warrant	NL0010829636	AEX 317SPLOPENG	EUR	19,0600	19,0600	19,0600			19,0600					
Warrant	NL0010829628	AEX 319SPLOPENG	EUR	18,8700	18,8700	18,8700			18,8700					
Warrant	NL0010829610	AEX 321SPLOPENG	EUR	18,6800	18,6800	18,6800			18,6800					
Warrant	NL0010829602	AEX 323SPLOPENG	EUR	18,4800	18,4800	18,4800			18,4800					
Warrant	NL0010829594	AEX 325SPLOPENG	EUR	18,2900	18,2900	18,2900			18,2900					
Warrant	NL0010829586	AEX 327SPLOPENG	EUR	18,0900	18,0900	18,0900			18,0900					
Warrant	NL0010829578	AEX 329SPLOPENG	EUR	17,9000	17,9000	17,9000			17,9000					
Warrant	NL0010829560	AEX 331SPLOPENG	EUR	17,7000	17,7000	17,7000			17,7000					
Warrant	NL0010830832	AEX 333SPLOPENG	EUR	17,5000	17,5000	17,5000			17,5000					
Warrant	NL0010938957	AEX 337SPLOPENG	EUR	17,1000	17,1000	17,1000			17,1000					
Warrant	NL0010938940	AEX 339SPLOPENG	EUR	16,9000	16,9000	16,9000			16,9000					
Warrant	NL0010938932	AEX 341SPLOPENG	EUR	16,7000	16,7000	16,7000			16,7000					
Warrant	NL0011618962	AEX 343SPLOPENG	EUR	16,5000	16,5000	16,5000			16,5000					
Warrant	NL0011619515	AEX 345SPLOPENG	EUR	16,3100	16,3100	16,3100			16,3100					
Warrant	NL0011619507	AEX 349SPLOPENG	EUR	15,9100	15,9100	15,9100			15,9100					
Warrant	NL0011619499	AEX 353SPLOPENG	EUR	15,5200	15,5200	15,5200			15,5200					
Warrant	NL0011619481	AEX 357SPLOPENG	EUR	15,1100	15,1100	15,1100			15,1100					
Warrant	NL0011619473	AEX 361SPLOPENG	EUR	14,7000	14,7000	14,7000			14,7000					
Warrant	NL0011620125	AEX 363SPLOPENG	EUR	14,5000	14,5000	14,5000			14,5000					
Warrant	NL0011620240	AEX 365SPLOPENG	EUR	14,3000	14,3000	14,3000			14,3000					
Warrant	NL0011620232	AEX 370SPLOPENG	EUR	13,8900	13,8900	13,8900			13,8900					
Warrant	NL0011622188	AEX 372SPLOPENG	EUR	13,6800	13,6800	13,6800			13,6800					
Warrant	NL0011622287	AEX 374SPLOPENG	EUR	13,4700	13,4700	13,4700			13,4700					
Warrant	NL0011622279	AEX 378SPLOPENG	EUR	13,0500	13,0500	13,0500			13,0500					
Warrant	NL0011622261	AEX 380SPLOPENG	EUR	12,8400	12,8400	12,8400			12,8400					
Warrant	NL0011843925	AEX 382SPLOPENG	EUR	12,6300	12,6300	12,6300			12,6300					
Warrant	NL0011844956	AEX 387SPLOPENG	EUR	12,2100	12,2100	12,2100			12,2100					
Warrant	NL0011844949	AEX 391SPLOPENG	EUR	11,7800	11,7800	11,7800			11,7800					
Warrant	NL0011847207	AEX 393SPLOPENG	EUR	11,5700	11,5700	11,5700			11,5700					
Warrant	NL0011847199	AEX 395SPLOPENG	EUR	11,3600	11,3600	11,3600			11,3600					
Warrant	NL0011847181	AEX 398SPLOPENG	EUR	11,1300	11,1300	11,1300			11,1300					
Warrant	NL0011847652	AEX 402SPLOPENG	EUR	10,7100	10,7100	10,7100			10,7100					
Warrant	NL0011848072	AEX 404SPLOPENG	EUR	10,4900	10,4900	10,4900			10,4900					
Warrant	NL0011848064	AEX 409SPLOPENG	EUR	10,0500	10,0500	10,0500			10,0500					
Warrant	NL0011848056	AEX 411SPLOPENG	EUR	9,8300	9,8300	9,8300			9,8300					
Warrant	NL0011620695	AEX 412SPLOPENG	EUR											
Warrant	NL0011859277	AEX 415SPLOPENG	EUR	9,4800	9,4800	9,4800			9,4800					
Warrant	NL0011859269	AEX 417SPLOPENG	EUR	9,4500	9,2600	9,2600	472,5000	1	9,2600	50				
Warrant	NL0011859574	AEX 421SPLOPENG	EUR	8,8200	8,8200	8,8200			8,8200					
Warrant	NL0011862263	AEX 424SPLOPENG	EUR	8,5900	8,5900	8,5900			8,5900					
Warrant	NL0011862495	AEX 426SPLOPENG	EUR	8,3600	8,3600	8,3600			8,3600					
Warrant	NL0011862487	AEX 428SPLOPENG	EUR	8,1400	8,1400	8,1400			8,1400					
Warrant	NL0011862479	AEX 431SPLOPENG	EUR	7,9100	7,9100	7,9100			7,9100					
Warrant	NL0011862461	AEX 433SPLOPENG	EUR	7,6800	7,6800	7,6800			7,6800					
Warrant	NL0011862990	AEX 435SPLOPENG	EUR	7,4500	7,4500	7,4500			7,4500					



Instrument Type	Exchange Instrument ID	Instrument 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	NL0011862982	AEX 438SPLOPENG	EUR	7,2100	7,2100	7,2100			7,2100					
Warrant	NL0011863139	AEX 440SPLOPENG	EUR	6,9800	6,9800	6,9800			6,9800					
Warrant	NL0012061600	AEX 445SPLOPENG	EUR	6,5100	6,5100	6,5100			6,5100					
Warrant	NL0012061972	AEX 447SPLOPENG	EUR	6,2800	6,2800	6,2800			6,2800					
Warrant	NL0011853080	AEX 447SPLOPENG	EUR											
Warrant	NL0011859566	AEX 448SPLOPENG	EUR											
Warrant	NL0011853072	AEX 449SPLOPENG	EUR											
Warrant	NL0011630322	AEX 449SPSOPENG	EUR											
Warrant	NL0011859558	AEX 450SPLOPENG	EUR											
Warrant	NL0012062228	AEX 450SPLOPENG	EUR	5,9500	6,0300	5,9500	9817,5000	2	6,0300	1650				
Warrant	NL0012062418	AEX 452SPLOPENG	EUR	5,7900	5,7900	5,7900			5,7900					
Warrant	NL0012065320	AEX 455SPLOPENG	EUR	5,5500	5,5500	5,5500			5,5500					
Warrant	NL0012065312	AEX 457SPLOPENG	EUR	5,3200	5,3200	5,3200			5,3200					
Warrant	DE000CJ3N872	AEX 460P 0919Z	EUR	2,0050	2,0050	2,0050			2,0050					
Warrant	NL0012065692	AEX 460SPLOPENG	EUR	5,0600	5,0600	5,0600			5,0600					
Warrant	NL0012066039	AEX 464SPLOPENG	EUR	3,8100	3,8100	3,8100			3,8100					
Warrant	NL0012065817	AEX 464SPLOPENG	EUR	4,4500	4,9100	4,4500	1896,0000	4	4,5900	400				
Warrant	NL0012066245	AEX 470SPLOPENG	EUR	4,1000	4,1000	4,1000			4,1000					
Warrant	NL0012066807	AEX 472SPLOPENG	EUR	3,5800	4,2300	3,5800	29758,4000	9	3,8500	7330				
Warrant	NL0012067193	AEX 475SPLOPENG	EUR	3,8000	3,9200	3,5800	5324,0000	3	3,5800	1400				
Warrant	DE000CJ3QJH8	AEX 480P 0619Z	EUR	1,0650	1,0650	1,0650			1,0650					
Warrant	NL0012067771	AEX 480SPLOPENG	EUR	3,0000	3,4500	3,0000	6800,0000	5	3,0900	2100				
Warrant	NL0012068373	AEX 482SPLOPENG	EUR	2,8400	2,8400	2,8400			2,8400					
Warrant	DE000CV4ZYB7	AEX 485P 1218Z	EUR	0,1450	0,1450	0,1450			0,1450					
Warrant	NL0012069496	AEX 487SPLOPENG	EUR	2,2600	2,3300	2,2600	1734,2200	2	2,3300	754				
Warrant	DE000CJ3N856	AEX 490P 0319Z	EUR	1,5350	1,5350	1,5350			1,5350					
Warrant	NL0012075899	AEX 490SPLOPENG	EUR	2,0700	2,0700	2,0700			2,0700					
Warrant	NL0012079131	AEX 493SPLOPENG	EUR	1,8400	1,8400	1,8400			1,8400					
Warrant	NL0012079123	AEX 495SPLOPENG	EUR											
Warrant	NL0012079115	AEX 498SPLOPENG	EUR											
Warrant	DE000CV8A7B1	AEX 500P 0619Z	EUR	1,5850	1,5850	1,5050			1,5050					
Warrant	DE000CJ3QJM2	AEX 500P 0919Z	EUR	1,9250	1,9250	1,8550			1,8550					
Warrant	NL0012079586	AEX 501SPLOPENG	EUR											
Warrant	NL0012834246	AEX 503SPLOPENG	EUR											
Warrant	NL0012079909	AEX 504SPLOPENG	EUR											
Warrant	DE000CV4ZYA9	AEX 505P 1218Z	EUR	0,5850	0,5850	0,4750			0,4750					
Warrant	NL0012836167	AEX 505SPLOPENG	EUR											
Warrant	NL0012474878	AEX 506SPLOPENG	EUR											
Warrant	NL0012478465	AEX 509SPLOPENG	EUR											
Warrant	NL0012835003	AEX 509SPLOPENG	EUR											
Warrant	DE000CV8A622	AEX 510C 0319Z	EUR	0,6550	0,6550	0,6550			0,6550					
Warrant	DE000CV8A732	AEX 510P 0319Z	EUR	1,3050	1,3050	1,2250			1,2250					
Warrant	NL0012836969	AEX 510SPLOPENG	EUR											
Warrant	NL0012837868	AEX 510SPSOPENG	EUR	2,0900	2,0900	2,0900			2,0900					
Warrant	NL0012478457	AEX 511SPLOPENG	EUR											
Warrant	NL0012837934	AEX 512SPSOPENG	EUR	1,2700	1,2700	1,2700			1,2700					
Warrant	NL0012837504	AEX 513SPSOPENG	EUR	2,5500	2,6200	2,3500	386,0000	2	2,3500	150				
Warrant	NL0012833248	AEX 514SPLOPENG	EUR											
Warrant	NL0012478440	AEX 514SPLOPENG	EUR											
Warrant	DE000CV4ZXN4	AEX 515C 1218Z	EUR	0,1350	0,1350	0,1050			0,1050					
Warrant	NL0012834998	AEX 516SPLOPENG	EUR											
Warrant	NL0012836951	AEX 516SPLOPENG	EUR											
Warrant	NL0012837512	AEX 516SPSOPENG	EUR	2,6100	2,6100	2,6100			2,6100					
Warrant	NL0012833230	AEX 517SPLOPENG	EUR											
Warrant	NL0012478432	AEX 517SPLOPENG	EUR											
Warrant	NL0012837520	AEX 518SPSOPENG	EUR	2,8400	2,8800	2,5200	4734,2800	3	2,8800	1746				
Warrant	NL0012835169	AEX 519SPLOPENG	EUR											
Warrant	NL0012478424	AEX 519SPLOPENG	EUR											
Warrant	DE000CV8A773	AEX 520C 0619Z	EUR	0,5750	0,5750	0,5750			0,5750					
Warrant	DE000CJ3N864	AEX 520C 0919Z	EUR	1,3550	1,3650	1,3550			1,3650					
Warrant	DE000CJ3QJK6	AEX 520P 0619Z	EUR	2,1050	2,1050	2,1050			2,1050					
Warrant	NL0012837538	AEX 521SPSOPENG	EUR	3,1500	3,1500	3,1500			3,1500					
Warrant	NL0012479208	AEX 522SPLOPENG	EUR											
Warrant	NL0012837546	AEX 524SPSOPENG	EUR	3,4100	3,4100	3,4100			3,4100					
Warrant	DE000CV4ZY95	AEX 525P 1218Z	EUR	1,2750	1,2750	1,2750			1,2750					
Warrant	NL0012479497	AEX 525SPLOPENG	EUR											
Warrant	NL0011304605	AEX 526SPSOPENG	EUR											
Warrant	NL0012834253	AEX 526SPSOPENG	EUR											
Warrant	NL0012837553	AEX 526SPSOPENG	EUR	3,6800	3,6800	3,6800			3,6800					
Warrant	NL0012479695	AEX 527SPLOPENG	EUR											
Warrant	NL0012837561	AEX 529SPSOPENG	EUR	3,9500	3,9500	3,9500			3,9500					
Warrant	NL0012837207	AEX 529SPSOPENG	EUR	3,1800	3,1800	2,5500	3140,6500	6	2,9700	1095				



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012833404	AEX 529SPSOPENG	EUR											
Warrant	DE000CJ3N849	AEX 530C 0319Z	EUR	0,6350	0,6800	0,6250	340,0000	1	0,6250	500				
Warrant	DE000CJ3P000	AEX 530P 0319Z	EUR	1,8850	1,8850	1,8850			1,8850					
Warrant	NL0012480156	AEX 530SPLOPENG	EUR											
Warrant	NL0012833412	AEX 531SPSOPENG	EUR											
Warrant	NL0012836175	AEX 532SPSOPENG	EUR	4,2200	4,2200	4,2200			4,2200					
Warrant	NL0012480149	AEX 533SPLOPENG	EUR											
Warrant	NL0012833263	AEX 534SPSOPENG	EUR	4,1500	4,4900	4,1500	3802,5000	2	4,4900	900				
Warrant	NL0012833255	AEX 534SPSOPENG	EUR											
Warrant	DE000CV4ZXP9	AEX 535C 1218Z	EUR	0,0400	0,0400	0,0400			0,0400					
Warrant	NL0012830236	AEX 535SPLOPENG	EUR											
Warrant	NL0012480560	AEX 535SPLOPENG	EUR											
Warrant	NL0012833271	AEX 537SPSOPENG	EUR	4,7700	4,7700	4,7700			4,7700					
Warrant	NL0012480552	AEX 538SPLOPENG	EUR											
Warrant	NL0012830558	AEX 538SPLOPENG	EUR											
Warrant	DE000CJ3QH2	AEX 540C 0619Z	EUR	0,3350	0,3350	0,3250			0,3250					
Warrant	DE000CV8A7C9	AEX 540P 0619Z	EUR	2,8550	2,8550	2,8550			2,8550					
Warrant	DE000CJ3N880	AEX 540P 0919Z	EUR	6,6150	6,6150	6,4150			6,4150					
Warrant	NL0012822829	AEX 540SPLOPENG	EUR											
Warrant	NL0012833289	AEX 540SPSOPENG	EUR	5,0500	5,0500	5,0500			5,0500					
Warrant	NL0012830905	AEX 541SPLOPENG	EUR											
Warrant	NL0012833297	AEX 542SPSOPENG	EUR	5,5700	5,5700	5,3300	5570,0000	1	5,3300	1000				
Warrant	NL0012822811	AEX 543SPLOPENG	EUR											
Warrant	NL0012831291	AEX 544SPLOPENG	EUR											
Warrant	DE000CV4ZY87	AEX 545P 1218Z	EUR	2,3550	2,3550	2,2550			2,2550					
Warrant	NL0012833305	AEX 545SPSOPENG	EUR	5,6100	5,6100	5,6100			5,6100					
Warrant	NL0012829139	AEX 545SPSOPENG	EUR											
Warrant	NL0012823819	AEX 546SPLOPENG	EUR											
Warrant	NL0012829147	AEX 547SPSOPENG	EUR											
Warrant	NL0012833313	AEX 548SPSOPENG	EUR	5,8800	5,8800	5,8800			5,8800					
Warrant	NL0012827463	AEX 549SPLOPENG	EUR											
Warrant	DE000CV8A708	AEX 550C 0319Z	EUR	0,1550	0,1550	0,1450			0,1450					
Warrant	DE000CV8A740	AEX 550P 0319Z	EUR	2,7150	2,7150	2,7150			2,7150					
Warrant	NL0012829154	AEX 550SPSOPENG	EUR											
Warrant	NL0012828024	AEX 551SPLOPENG	EUR											
Warrant	NL0012829170	AEX 551SPSOPENG	EUR	6,1600	6,1600	6,1600			6,1600					
Warrant	NL0012823876	AEX 552SPLOPENG	EUR											
Warrant	NL0012829188	AEX 553SPSOPENG	EUR	6,4500	6,4500	6,4500			6,4500					
Warrant	NL0012829162	AEX 553SPSOPENG	EUR											
Warrant	NL0012828305	AEX 554SPLOPENG	EUR											
Warrant	DE000CV4ZXQ7	AEX 555C 1218Z	EUR	0,0380	0,0380	0,0340			0,0340					
Warrant	NL0012824411	AEX 555SPLOPENG	EUR											
Warrant	NL0012829196	AEX 556SPSOPENG	EUR	6,7400	6,7400	6,7400			6,7400					
Warrant	NL0012824403	AEX 557SPLOPENG	EUR											
Warrant	NL0012827273	AEX 559SPSOPENG	EUR	7,0200	7,0200	7,0200			7,0200					
Warrant	DE000CV8A781	AEX 560C 0619Z	EUR	0,1950	0,1950	0,1950			0,1950					
Warrant	DE000CJ3QL4	AEX 560C 0919Z	EUR	0,2650	0,2650	0,2650			0,2650					
Warrant	NL0012824916	AEX 560SPLOPENG	EUR											
Warrant	NL0012827281	AEX 562SPSOPENG	EUR	7,3100	7,3100	7,3100			7,3100					
Warrant	NL0012825525	AEX 563SPLOPENG	EUR											
Warrant	NL0012827299	AEX 565SPSOPENG	EUR	7,6000	7,6000	7,6000			7,6000					
Warrant	NL0012825616	AEX 566SPLOPENG	EUR											
Warrant	NL0012068878	AEX 568SPSOPENG	EUR	7,8900	7,8900	7,8900			7,8900					
Warrant	DE000CV8A7D7	AEX 580P 0619Z	EUR	4,6650	4,6650	4,6650			4,6650					
Warrant	NL0012074819	AEX 583SPSOPENG	EUR	9,4100	9,4100	9,4100			9,4100					
Warrant	NL0012463269	AEX 589SPSOPENG	EUR	10,0400	10,0400	10,0400			10,0400					
Warrant	DE000CV8A716	AEX 590C 0319Z	EUR	0,0710	0,0710	0,0710			0,0710					
Warrant	DE000CV8A757	AEX 590P 0319Z	EUR	4,6450	4,6450	4,6450			4,6450					
Warrant	NL0012463277	AEX 598SPSOPENG	EUR	11,1700	11,1700	10,9600	1117,0000	1	10,9600	100				
Warrant	DE000CV8A799	AEX 600C 0619Z	EUR	0,1050	0,1050	0,0960			0,0960					
Warrant	DE000CJ3P018	AEX 600C 0919Z	EUR	0,1450	0,1450	0,1350			0,1350					
Warrant	NL0012463285	AEX 610SPSOPENG	EUR	12,2400	12,2400	12,2400			12,2400					
Warrant	DE000CV8A7E5	AEX 620P 0619Z	EUR	6,7250	6,7250	6,6350			6,6350					
Warrant	NL0012463715	AEX 620SPSOPENG	EUR	13,2100	13,2100	13,2100			13,2100					
Warrant	NL0012467906	AEX 623SPSOPENG	EUR	13,5400	13,5400	13,5400			13,5400					
Warrant	NL0012467914	AEX 629SPSOPENG	EUR	14,2000	14,2000	14,2000			14,2000					
Warrant	DE000CV8A724	AEX 630C 0319Z	EUR	0,0610	0,0610	0,0610			0,0610					
Warrant	DE000CV8A765	AEX 630P 0319Z	EUR	6,7250	6,7250	6,6350			6,6350					
Warrant	NL0012470363	AEX 636SPSOPENG	EUR	14,8600	14,8600	14,8600			14,8600					
Warrant	DE000CV8A7A3	AEX 640C 0619Z	EUR	0,0850	0,0850	0,0850			0,0850					
Warrant	NL0012470371	AEX 642SPSOPENG	EUR	15,5300	15,5300	15,5300			15,5300					
Warrant	NL0012470389	AEX 649SPSOPENG	EUR	16,2000	16,2000	16,2000			16,2000					



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	NL0012819007	AEX 656SPSOPENG	EUR	16,8700	16,8700	16,8700			16,8700					
Warrant	NL0012819015	AEX 662SPSOPENG	EUR	17,5500	17,5500	17,5500			17,5500					
Warrant	NL0012820328	AEX 669SPSOPENG	EUR	18,2400	18,2400	18,2400			18,2400					
Warrant	NL0012825533	AEX 693SPSOPENG	EUR	20,6900	20,6900	20,6900			20,6900					
Warrant	NL0012825541	AEX 704SPSOPENG	EUR	21,7600	21,7600	21,7600			21,7600					
Warrant	NL0010209805	AEX 256.SPLOPENG	EUR	24,6200	24,6200	24,6200			24,6200					
Warrant	NL0010215455	AEX 266.SPLOPENG	EUR	23,6100	23,6100	23,6100			23,6100					
Warrant	NL0010466082	AEX 288.SPLOPENG	EUR	21,4200	21,4200	21,4200			21,4200					
Warrant	NL0010468880	AEX 311.SPLOPENG	EUR	19,1200	19,1200	19,1200			19,1200					
Warrant	NL0010526075	AEX 315.SPLOPENG	EUR	18,7200	18,7200	18,7200			18,7200					
Warrant	NL0010535258	AEX 319.SPLOPENG	EUR	18,3200	18,3200	18,3200			18,3200					
Warrant	NL0010543864	AEX 321.SPLOPENG	EUR	18,1100	18,1100	18,1100			18,1100					
Warrant	NL0010545448	AEX 322.SPLOPENG	EUR	18,0200	18,0200	18,0200			18,0200					
Warrant	NL0010544573	AEX 323.SPLOPENG	EUR	17,9100	17,9100	17,9100			17,9100					
Warrant	NL0010829800	AEX 324.SPLOPENG	EUR	17,8100	17,8100	17,8100			17,8100					
Warrant	NL0010829792	AEX 325.SPLOPENG	EUR	17,7100	17,7100	17,7100			17,7100					
Warrant	NL0010829784	AEX 326.SPLOPENG	EUR	17,6100	17,6100	17,6100			17,6100					
Warrant	NL0010829776	AEX 327.SPLOPENG	EUR	17,5100	17,5100	17,5100			17,5100					
Warrant	NL0010829768	AEX 328.SPLOPENG	EUR	17,4100	17,4100	17,4100			17,4100					
Warrant	NL0010829750	AEX 329.SPLOPENG	EUR	17,3100	17,3100	17,3100			17,3100					
Warrant	NL0011620372	AEX 367.SPLOPENG	EUR	13,5200	13,5200	13,5200			13,5200					
Warrant	NL0011620364	AEX 368.SPLOPENG	EUR	13,4100	13,4100	13,4100			13,4100					
Warrant	NL0011622469	AEX 382.SPLOPENG	EUR	12,0200	12,0200	12,0200			12,0200					
Warrant	NL0011847256	AEX 395.SPLOPENG	EUR	10,7200	10,7200	10,7200			10,7200					
Warrant	NL0011848197	AEX 405.SPLOPENG	EUR	9,7200	9,7200	9,7200			9,7200					
Warrant	NL0012066740	AEX 469.SPLOPENG	EUR	3,3100	3,3100	3,3100			3,3100					
Warrant	NL0012069371	AEX 487.SPLOPENG	EUR	1,4300	1,8300	1,3300	9782,9000	5	1,5100	6310				
Warrant	NL0012070502	AEX 491.SPLOPENG	EUR	0,9200	1,5000	0,9200	4602,1300	9	1,1200	3487				
Warrant	NL0012079974	AEX 501.SPLOPENG	EUR											
Warrant	NL0012836860	AEX 510.SPLOPENG	EUR											
Warrant	NL0012478580	AEX 510.SPLOPENG	EUR											
Warrant	NL0012832927	AEX 514.SPLOPENG	EUR											
Warrant	NL0012837694	AEX 525.SPSOPENG	EUR	2,5700	2,5700	2,5700			2,5700					
Warrant	NL0012832414	AEX 529.SPSOPENG	EUR											
Warrant	NL0012480461	AEX 534.SPLOPENG	EUR											
Warrant	NL0012832430	AEX 534.SPSOPENG	EUR											
Warrant	NL0012830608	AEX 538.SPLOPENG	EUR											
Warrant	NL0012830830	AEX 542.SPLOPENG	EUR											
Warrant	NL0012831747	AEX 548.SPSOPENG	EUR	4,5700	4,8800	4,5700	457,0000	1	4,8800	100				
Warrant	NL0012824544	AEX 549.SPLOPENG	EUR											
Warrant	NL0012828909	AEX 555.SPSOPENG	EUR	5,5800	5,5800	5,5800			5,5800					
Warrant	NL0012825673	AEX 559.SPLOPENG	EUR											
Warrant	NL0012827356	AEX 562.SPSOPENG	EUR	6,2700	6,2700	6,2700			6,2700					
Warrant	NL0012463160	AEX 598.SPSOPENG	EUR	9,8700	9,8700	9,8700			9,8700					
Warrant	NL0012463178	AEX 601.SPSOPENG	EUR	10,1800	10,1800	10,1800			10,1800					
Warrant	NL0012464499	AEX 620.SPSOPENG	EUR	12,0800	12,0800	12,0800			12,0800					
Warrant	NL0012480925	AEX 651.SPSOPENG	EUR	15,1800	15,1800	15,1800			15,1800					
Warrant	NL0010209797	AEX 262.4SPLOPENG	EUR	23,9700	23,9700	23,9700			23,9700					
Warrant	NL0010215570	AEX 269.6SPLOPENG	EUR	23,2500	23,2500	23,2500			23,2500					
Warrant	NL0010215893	AEX 273.2SPLOPENG	EUR	22,8900	22,8900	22,8900			22,8900					
Warrant	NL0010351003	AEX 280.6SPLOPENG	EUR	22,1600	22,1600	22,1600			22,1600					
Warrant	NL0010466090	AEX 284.2SPLOPENG	EUR	21,7900	21,7900	21,7900			21,7900					
Warrant	NL0010466074	AEX 291.7SPLOPENG	EUR	21,0400	21,0400	21,0400			21,0400					
Warrant	NL0010467734	AEX 295.5SPLOPENG	EUR	20,6700	20,6700	20,6700			20,6700					
Warrant	NL0010467726	AEX 299.3SPLOPENG	EUR	20,2800	20,2800	20,2800			20,2800					
Warrant	NL0010468369	AEX 303.2SPLOPENG	EUR	19,9000	19,9000	19,9000			19,9000					
Warrant	NL0010468351	AEX 307.1SPLOPENG	EUR	19,5100	19,5100	19,5100			19,5100					
Warrant	NL0010829743	AEX 330.1SPLOPENG	EUR	17,2100	17,2100	17,2100			17,2100					
Warrant	NL0010938247	AEX 332.1SPLOPENG	EUR	17,0100	17,0100	17,0100			17,0100					
Warrant	NL0010938239	AEX 333.1SPLOPENG	EUR	16,9000	16,9000	16,9000			16,9000					
Warrant	NL0010938866	AEX 334.1SPLOPENG	EUR	16,8000	16,8000	16,8000			16,8000					
Warrant	NL0010938858	AEX 335.1SPLOPENG	EUR	16,7000	16,7000	16,7000			16,7000					
Warrant	NL0010938841	AEX 336.2SPLOPENG	EUR	16,6000	16,6000	16,6000			16,6000					
Warrant	NL0010938833	AEX 337.2SPLOPENG	EUR	16,4900	16,4900	16,4900			16,4900					
Warrant	NL0010938825	AEX 338.2SPLOPENG	EUR	16,3900	16,3900	16,3900			16,3900					
Warrant	NL0010938817	AEX 339.3SPLOPENG	EUR	16,2900	16,2900	16,2900			16,2900					
Warrant	NL0010938809	AEX 340.3SPLOPENG	EUR	16,1900	16,1900	16,1900			16,1900					
Warrant	NL0010938791	AEX 341.3SPLOPENG	EUR	16,0800	16,0800	16,0800			16,0800					
Warrant	NL0010939435	AEX 342.4SPLOPENG	EUR	15,9800	15,9800	15,9800			15,9800					
Warrant	NL0011619879	AEX 344.4SPLOPENG	EUR	15,7800	15,7800	15,7800			15,7800					
Warrant	NL0011619861	AEX 347.4SPLOPENG	EUR	15,4800	15,4800	15,4800			15,4800					
Warrant	NL0011619853	AEX 350.4SPLOPENG	EUR	15,1700	15,1700	15,1700			15,1700					



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
Warrant	NL0011619846	AEX 354.5SPLOPENG	EUR	14,7700	14,7700	14,7700			14,7700					
Warrant	NL0011619838	AEX 356.5SPLOPENG	EUR	14,5600	14,5600	14,5600			14,5600					
Warrant	NL0011619820	AEX 358.6SPLOPENG	EUR	14,3500	14,3500	14,3500			14,3500					
Warrant	NL0011619812	AEX 360.7SPLOPENG	EUR	14,1500	14,1500	14,1500			14,1500					
Warrant	NL0011620026	AEX 361.7SPLOPENG	EUR	14,0400	14,0400	14,0400			14,0400					
Warrant	NL0011620398	AEX 363.8SPLOPENG	EUR	13,8300	13,8300	13,8300			13,8300					
Warrant	NL0011620380	AEX 365.9SPLOPENG	EUR	13,6200	13,6200	13,6200			13,6200					
Warrant	NL0011620588	AEX 371.2SPLOPENG	EUR	13,1000	13,1000	13,1000			13,1000					
Warrant	NL0011622527	AEX 372.3SPLOPENG	EUR	12,9900	12,9900	12,9900			12,9900					
Warrant	NL0011622519	AEX 374.4SPLOPENG	EUR	12,7800	12,7800	12,7800			12,7800					
Warrant	NL0011622501	AEX 376.5SPLOPENG	EUR	12,5600	12,5600	12,5600			12,5600					
Warrant	NL0011622493	AEX 378.7SPLOPENG	EUR	12,3400	12,3400	12,3400			12,3400					
Warrant	NL0011622485	AEX 379.8SPLOPENG	EUR	12,2400	12,2400	12,2400			12,2400					
Warrant	NL0011622477	AEX 380.9SPLOPENG	EUR	12,1300	12,1300	12,1300			12,1300					
Warrant	NL0011844808	AEX 384.1SPLOPENG	EUR	11,8000	11,8000	11,8000			11,8000					
Warrant	NL0011845037	AEX 386.3SPLOPENG	EUR	11,5900	11,5900	11,5900			11,5900					
Warrant	NL0011845029	AEX 388.4SPLOPENG	EUR	11,3700	11,3700	11,3700			11,3700					
Warrant	NL0011845011	AEX 391.7SPLOPENG	EUR	11,0500	11,0500	11,0500			11,0500					
Warrant	NL0011845003	AEX 393.9SPLOPENG	EUR	10,8300	10,8300	10,8300			10,8300					
Warrant	NL0011847249	AEX 396.1SPLOPENG	EUR	10,6100	10,6100	10,6100			10,6100					
Warrant	NL0011847751	AEX 397.2SPLOPENG	EUR	10,5000	10,5000	10,5000			10,5000					
Warrant	NL0011847744	AEX 399.4SPLOPENG	EUR	10,2800	10,2800	10,2800			10,2800					
Warrant	NL0011847736	AEX 400.5SPLOPENG	EUR	10,1700	10,1700	10,1700			10,1700					
Warrant	NL0011847728	AEX 401.6SPLOPENG	EUR	10,2500	10,2500	10,0500	1537,5000	1	10,0500	150				
Warrant	NL0011847710	AEX 402.7SPLOPENG	EUR	9,9400	9,9400	9,9400			9,9400					
Warrant	NL0011848205	AEX 403.8SPLOPENG	EUR	9,8300	9,8300	9,8300			9,8300					
Warrant	NL0011848189	AEX 407.2SPLOPENG	EUR	9,4900	9,4900	9,4900			9,4900					
Warrant	NL0011620554	AEX 409.3SPLOPENG	EUR											
Warrant	NL0011848171	AEX 409.5SPLOPENG	EUR	9,2700	9,2700	9,2700			9,2700					
Warrant	NL0011848163	AEX 410.6SPLOPENG	EUR	9,1500	9,1500	9,1500			9,1500					
Warrant	NL0011848478	AEX 411.8SPLOPENG	EUR	9,0400	9,0400	9,0400			9,0400					
Warrant	NL0011850664	AEX 412.9SPLOPENG	EUR	8,9300	8,9300	8,9300			8,9300					
Warrant	NL0011859889	AEX 415.1SPLOPENG	EUR	8,7100	8,7100	8,7100			8,7100					
Warrant	NL0011859871	AEX 417.4SPLOPENG	EUR	8,4800	8,4800	8,4800			8,4800					
Warrant	NL0011617550	AEX 419.4SPSOPENG	EUR											
Warrant	NL0011859863	AEX 419.6SPLOPENG	EUR	8,2500	8,2500	8,2500			8,2500					
Warrant	NL0011859855	AEX 421.9SPLOPENG	EUR	8,0200	8,0200	8,0200			8,0200					
Warrant	NL0011860812	AEX 423.1SPLOPENG	EUR	7,9000	7,9000	7,9000			7,9000					
Warrant	NL0011862115	AEX 424.3SPLOPENG	EUR	7,7900	7,7900	7,7900			7,7900					
Warrant	NL0011862107	AEX 425.4SPLOPENG	EUR	7,6700	7,6700	7,6700			7,6700					
Warrant	NL0011862354	AEX 426.6SPLOPENG	EUR	7,5600	7,5600	7,5600			7,5600					
Warrant	NL0011862347	AEX 427.8SPLOPENG	EUR	7,4400	7,4400	7,4400			7,4400					
Warrant	NL0011862339	AEX 428.9SPLOPENG	EUR	7,3200	7,3200	7,3200			7,3200					
Warrant	NL0011862321	AEX 430.1SPLOPENG	EUR	7,2100	7,2100	7,2100			7,2100					
Warrant	NL0011862313	AEX 431.3SPLOPENG	EUR	7,0900	7,0900	7,0900			7,0900					
Warrant	NL0011862743	AEX 432.4SPLOPENG	EUR	6,9800	6,9800	6,9800			6,9800					
Warrant	NL0011862735	AEX 433.6SPLOPENG	EUR	6,8600	6,8600	6,8600			6,8600					
Warrant	NL0011862925	AEX 434.7SPLOPENG	EUR	6,7400	6,7400	6,7400			6,7400					
Warrant	NL0011862917	AEX 435.9SPLOPENG	EUR	6,4000	6,2000	6,4000	160,0000	1	6,6200	25				
Warrant	NL0011862909	AEX 437.1SPLOPENG	EUR	6,5000	6,5000	6,5000			6,5000					
Warrant	NL0011863097	AEX 438.3SPLOPENG	EUR	6,3900	6,3900	6,3900			6,3900					
Warrant	NL0012061519	AEX 439.5SPLOPENG	EUR	6,2700	6,2700	6,2700			6,2700					
Warrant	NL0012061501	AEX 440.7SPLOPENG	EUR	6,4500	6,4500	6,1500	645,0000	1	6,1500	100				
Warrant	NL0012061493	AEX 441.9SPLOPENG	EUR	5,9200	6,0300	5,9200	296,0000	1	6,0300	50				
Warrant	NL0012061485	AEX 443.1SPLOPENG	EUR	5,9100	5,9100	5,9100			5,9100					
Warrant	NL0012061634	AEX 444.3SPLOPENG	EUR	5,7800	5,7800	5,7800			5,7800					
Warrant	NL0011859848	AEX 445.4SPLOPENG	EUR											
Warrant	NL0012061881	AEX 445.5SPLOPENG	EUR	5,6600	5,6600	5,6600			5,6600					
Warrant	NL0011853114	AEX 446.2SPLOPENG	EUR											
Warrant	NL0011859830	AEX 446.6SPLOPENG	EUR											
Warrant	NL0012062244	AEX 446.7SPLOPENG	EUR	5,5400	5,5400	5,5400			5,5400					
Warrant	NL0011853106	AEX 447.3SPLOPENG	EUR											
Warrant	NL0011859822	AEX 447.7SPLOPENG	EUR											
Warrant	NL0012062236	AEX 447.9SPLOPENG	EUR	5,4200	5,4200	5,4200			5,4200					
Warrant	NL0011853239	AEX 448.4SPLOPENG	EUR											
Warrant	NL0012062368	AEX 449.2SPLOPENG	EUR	5,5000	5,5000	5,3000	555,5000	1	5,3000	101				
Warrant	NL0011853668	AEX 449.6SPLOPENG	EUR											
Warrant	NL0011853650	AEX 450.7SPLOPENG	EUR											
Warrant	NL0012062350	AEX 451.6SPLOPENG	EUR	5,0500	5,0500	5,0500			5,0500					
Warrant	NL0012062525	AEX 452.8SPLOPENG	EUR	4,7400	5,2800	4,6700	59460,0000	12	4,9300	12000				
Warrant	NL0012062517	AEX 454.1SPLOPENG	EUR	4,8100	4,8100	4,8100			4,8100					
Warrant	NL0012065619	AEX 455.3SPLOPENG	EUR	4,6900	4,6900	4,6900			4,6900					



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
Warrant	NL0011357348	AEX 455.9SPSOPENG	EUR											
Warrant	NL0012065601	AEX 457.8SPLOPENG	EUR	4,2100	4,5500	4,2100	219,0000	2	4,4400	50				
Warrant	NL0012065593	AEX 460.3SPLOPENG	EUR	4,1900	4,1900	4,1900			4,1900					
Warrant	NL0012065585	AEX 461.5SPLOPENG	EUR	4,4300	4,4300	4,0600	664,5000	1	4,0600	150				
Warrant	NL0012066047	AEX 462.8SPLOPENG	EUR	4,3000	4,3000	3,9400	86,0000	1	3,9400	20				
Warrant	NL0012066021	AEX 465.3SPLOPENG	EUR	3,4700	3,6900	3,4700	607,2500	1	3,6900	175				
Warrant	NL0012066328	AEX 466.5SPLOPENG	EUR	3,5600	3,5600	3,5600			3,5600					
Warrant	NL0012066310	AEX 467.8SPLOPENG	EUR	3,7000	3,7000	3,4400	999,0000	1	3,4400	270				
Warrant	NL0012066732	AEX 471.6SPLOPENG	EUR	3,0600	3,0600	3,0600			3,0600					
Warrant	NL0012066955	AEX 472.8SPLOPENG	EUR	2,9300	2,9300	2,9300			2,9300					
Warrant	NL0012067250	AEX 474.1SPLOPENG	EUR	2,7000	3,2500	2,5000	12666,4300	66	2,7900	4309				
Warrant	NL0012067854	AEX 475.4SPLOPENG	EUR	3,0700	3,0700	2,6800	614,0000	1	2,6800	200				
Warrant	NL0012067847	AEX 477.9SPLOPENG	EUR	2,3300	2,7500	2,1700	7995,0000	11	2,4300	3300				
Warrant	NL0012067839	AEX 480.5SPLOPENG	EUR	1,9100	2,1700	1,8700	6194,8000	3	2,1600	3040				
Warrant	NL0012067821	AEX 481.8SPLOPENG	EUR	1,8600	2,0300	1,8600	148,8000	1	2,0300	80				
Warrant	NL0012068597	AEX 484.4SPLOPENG	EUR	1,6500	2,1200	1,5200	9397,4000	13	1,7600	5225				
Warrant	NL0012068720	AEX 485.7SPLOPENG	EUR	1,5300	1,6400	1,5300	3762,5000	2	1,6400	2450				
Warrant	NL0012069926	AEX 488.3SPLOPENG	EUR	1,0900	1,7500	1,0900	12450,0000	3	1,3900	9000				
Warrant	NL0012070080	AEX 489.6SPLOPENG	EUR	1,1700	1,7000	0,9900	36671,7500	21	1,2400	25625				
Warrant	NL0012076046	AEX 492.2SPLOPENG	EUR	0,8400	1,2900	0,6700	31832,8000	9	1,0000	42340				
Warrant	NL0012076038	AEX 493.5SPLOPENG	EUR	0,6500	1,2800	0,5000	62851,2700	47	0,8600	90056				
Warrant	NL0012076020	AEX 494.8SPLOPENG	EUR											
Warrant	NL0012079248	AEX 496.1SPLOPENG	EUR											
Warrant	NL0012079230	AEX 497.3SPLOPENG	EUR											
Warrant	NL0012079982	AEX 498.6SPLOPENG	EUR											
Warrant	NL0012834717	AEX 499.9SPLOPENG	EUR											
Warrant	NL0012834709	AEX 501.1SPLOPENG	EUR											
Warrant	NL0012079966	AEX 502.3SPLOPENG	EUR											
Warrant	NL0012834691	AEX 502.4SPLOPENG	EUR											
Warrant	NL0012834683	AEX 503.6SPLOPENG	EUR											
Warrant	NL0012079958	AEX 503.6SPLOPENG	EUR											
Warrant	NL0012080279	AEX 504.8SPLOPENG	EUR											
Warrant	NL0012834675	AEX 504.9SPLOPENG	EUR											
Warrant	NL0012473383	AEX 506.2SPLOPENG	EUR											
Warrant	NL0012834667	AEX 506.2SPLOPENG	EUR											
Warrant	NL0012834659	AEX 507.1SPLOPENG	EUR											
Warrant	NL0012836290	AEX 507.5SPLOPENG	EUR											
Warrant	NL0012478051	AEX 507.5SPLOPENG	EUR											
Warrant	NL0012834642	AEX 508.4SPLOPENG	EUR											
Warrant	NL0012836282	AEX 508.7SPLOPENG	EUR											
Warrant	NL0012478598	AEX 508.8SPLOPENG	EUR											
Warrant	NL0012834832	AEX 509.7SPLOPENG	EUR											
Warrant	NL0012837926	AEX 510.7SPSOPENG	EUR	1,1500	1,1500	0,8000	3045,2600	6	1,1400	3282				
Warrant	NL0012834824	AEX 510.9SPLOPENG	EUR											
Warrant	NL0012836852	AEX 511.3SPLOPENG	EUR											
Warrant	NL0012478572	AEX 511.4SPLOPENG	EUR											
Warrant	NL0012834816	AEX 512.2SPLOPENG	EUR											
Warrant	NL0012836845	AEX 512.6SPLOPENG	EUR											
Warrant	NL0012478564	AEX 512.7SPLOPENG	EUR											
Warrant	NL0012837942	AEX 513.3SPSOPENG	EUR	1,4000	1,4000	1,4000			1,4000					
Warrant	NL0012834808	AEX 513.5SPLOPENG	EUR											
Warrant	NL0012478556	AEX 513.9SPLOPENG	EUR											
Warrant	NL0012836837	AEX 513.9SPLOPENG	EUR											
Warrant	NL0012837611	AEX 514.6SPSOPENG	EUR	1,6300	1,7100	1,2000	3329,9800	12	1,5200	2506				
Warrant	NL0012834790	AEX 514.8SPLOPENG	EUR											
Warrant	NL0012478549	AEX 515.2SPLOPENG	EUR											
Warrant	NL0012836829	AEX 515.2SPLOPENG	EUR											
Warrant	NL0012832919	AEX 515.2SPLOPENG	EUR											
Warrant	NL0012837629	AEX 515.9SPSOPENG	EUR	1,8600	1,8600	1,5400	7057,4000	5	1,6800	4120				
Warrant	NL0012834782	AEX 516.1SPLOPENG	EUR											
Warrant	NL0012836811	AEX 516.4SPLOPENG	EUR											
Warrant	NL0012478531	AEX 516.5SPLOPENG	EUR											
Warrant	NL0012832901	AEX 516.5SPLOPENG	EUR											
Warrant	NL0012837637	AEX 517.2SPSOPENG	EUR	1,7900	1,7900	1,7900			1,7900					
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	NL0012837645	AEX 518.5SPSOPENG	EUR	2,0000	2,0000	1,5100	2147,7500	9	1,9400	1270				
Warrant	NL0012835102	AEX 518.7SPLOPENG	EUR											
Warrant	NL0012479323	AEX 519.1SPLOPENG	EUR											
Warrant	NL0012832885	AEX 519.1SPLOPENG	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	NL0012837652	AEX 519.8SPSOPENG	EUR	1,8100	2,0700	1,8100	108,6000	1	2,0700	60				
Warrant	NL0012834071	AEX 519.8SPSOPENG	EUR											
Warrant	NL0012479638	AEX 520.5SPLOPENG	EUR											
Warrant	NL0012837660	AEX 521.1SPSOPENG	EUR	2,1700	2,1800	1,8900	4331,1500	6	2,1800	2120				
Warrant	NL0012833586	AEX 521.1SPSOPENG	EUR											
Warrant	NL0012479620	AEX 521.8SPLOPENG	EUR											
Warrant	NL0012833594	AEX 522.4SPSOPENG	EUR											
Warrant	NL0012837678	AEX 522.4SPSOPENG	EUR	2,3100	2,3100	2,3100			2,3100					
Warrant	NL0012479612	AEX 523.2SPLOPENG	EUR											
Warrant	NL0012833420	AEX 523.6SPSOPENG	EUR											
Warrant	NL0012837686	AEX 523.7SPSOPENG	EUR	2,4400	2,4400	2,4400			2,4400					
Warrant	NL0012479752	AEX 524.5SPLOPENG	EUR											
Warrant	NL0012833438	AEX 524.9SPSOPENG	EUR											
Warrant	NL0012835540	AEX 525.3SPSOPENG	EUR											
Warrant	NL0012479810	AEX 525.9SPLOPENG	EUR											
Warrant	NL0012833446	AEX 526.3SPSOPENG	EUR											
Warrant	NL0012837702	AEX 526.4SPSOPENG	EUR	2,4900	2,7000	2,4900	757,5000	2	2,7000	300				
Warrant	NL0012064471	AEX 526.5SPSOPENG	EUR											
Warrant	NL0012479802	AEX 527.2SPLOPENG	EUR											
Warrant	NL0012064752	AEX 527.5SPSOPENG	EUR											
Warrant	NL0012833453	AEX 527.6SPSOPENG	EUR											
Warrant	NL0012837710	AEX 527.7SPSOPENG	EUR	2,8300	2,8300	2,8300			2,8300					
Warrant	NL0012479794	AEX 528.5SPLOPENG	EUR											
Warrant	NL0012833461	AEX 528.8SPSOPENG	EUR											
Warrant	NL0012479786	AEX 529.9SPLOPENG	EUR											
Warrant	NL0012833479	AEX 530.1SPSOPENG	EUR											
Warrant	NL0012835557	AEX 530.3SPSOPENG	EUR	3,2400	3,3000	2,7500	2919,2000	9	3,1200	954				
Warrant	NL0012479778	AEX 531.2SPLOPENG	EUR											
Warrant	NL0012833487	AEX 531.5SPSOPENG	EUR											
Warrant	NL0012832422	AEX 531.6SPSOPENG	EUR											
Warrant	NL0012480479	AEX 532.6SPLOPENG	EUR											
Warrant	NL0012833495	AEX 532.6SPSOPENG	EUR											
Warrant	NL0012835565	AEX 534.4SPSOPENG	EUR	3,4400	3,5100	3,4400	68,8000	1	3,5100	20				
Warrant	NL0012480453	AEX 534.7SPLOPENG	EUR											
Warrant	NL0012830624	AEX 535.3SPLOPENG	EUR											
Warrant	NL0012832448	AEX 535.7SPSOPENG	EUR	3,8300	3,8500	3,1800	9648,6500	12	3,6300	2795				
Warrant	NL0012480446	AEX 536.1SPLOPENG	EUR											
Warrant	NL0012830616	AEX 536.6SPLOPENG	EUR											
Warrant	NL0012833024	AEX 537.2SPSOPENG	EUR	3,8000	3,8000	3,8000			3,8000					
Warrant	NL0012481048	AEX 538.1SPLOPENG	EUR											
Warrant	NL0012833032	AEX 539.2SPSOPENG	EUR	3,9900	3,9900	3,9900			3,9900					
Warrant	NL0012830855	AEX 539.3SPLOPENG	EUR											
Warrant	NL0012481030	AEX 539.4SPLOPENG	EUR											
Warrant	NL0012830848	AEX 540.7SPLOPENG	EUR											
Warrant	NL0012818942	AEX 540.8SPLOPENG	EUR											
Warrant	NL0012832455	AEX 541.2SPSOPENG	EUR	4,1900	4,1900	4,1900			4,1900					
Warrant	NL0012823637	AEX 542.1SPLOPENG	EUR											
Warrant	NL0012823629	AEX 543.5SPLOPENG	EUR											
Warrant	NL0012831739	AEX 543.9SPSOPENG	EUR	4,4700	4,4700	4,4700			4,4700					
Warrant	NL0012823983	AEX 544.8SPLOPENG	EUR											
Warrant	NL0012833040	AEX 545.5SPSOPENG	EUR	4,7400	4,8200	4,2800	11152,1500	5	4,6300	2410				
Warrant	NL0012824163	AEX 546.2SPLOPENG	EUR											
Warrant	NL0012828800	AEX 546.2SPSOPENG	EUR											
Warrant	NL0012828818	AEX 547.5SPSOPENG	EUR											
Warrant	NL0012824551	AEX 547.6SPLOPENG	EUR											
Warrant	NL0012828826	AEX 548.9SPSOPENG	EUR											
Warrant	NL0012828289	AEX 550.3SPLOPENG	EUR											
Warrant	NL0012828834	AEX 550.3SPSOPENG	EUR											
Warrant	NL0012824536	AEX 550.4SPLOPENG	EUR											
Warrant	NL0012828875	AEX 550.8SPSOPENG	EUR	4,8300	5,1600	4,7900	3655,9400	2	5,1600	758				
Warrant	NL0012828842	AEX 551.5SPSOPENG	EUR											
Warrant	NL0012828503	AEX 551.7SPLOPENG	EUR											
Warrant	NL0012824908	AEX 551.9SPLOPENG	EUR											
Warrant	NL0012828883	AEX 552.2SPSOPENG	EUR	5,3000	5,3000	5,3000			5,3000					
Warrant	NL0012828859	AEX 552.8SPSOPENG	EUR											
Warrant	NL0012824890	AEX 553.3SPLOPENG	EUR											
Warrant	NL0012828891	AEX 553.6SPSOPENG	EUR	5,4400	5,4400	5,4400			5,4400					
Warrant	NL0012828867	AEX 554.1SPSOPENG	EUR											
Warrant	NL0012824882	AEX 554.7SPLOPENG	EUR											
Warrant	NL0012825285	AEX 556.1SPLOPENG	EUR											
Warrant	NL0012828917	AEX 556.4SPSOPENG	EUR	5,7200	5,7200	5,7200			5,7200					
Warrant	NL0012825301	AEX 557.5SPLOPENG	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	NL0012828925	AEX 557.8SPSOPENG	EUR	5,8600	5,8600	5,8600			5,8600					
Warrant	NL0012828933	AEX 559.25SPSOPENG	EUR	6,0000	6,0000	6,0000			6,0000					
Warrant	NL0012825665	AEX 560.45PLOPENG	EUR											
Warrant	NL0012827349	AEX 560.65SPSOPENG	EUR	5,8200	6,1400	5,7500	49836,0000	12	6,1400	8400				
Warrant	NL0012826473	AEX 561.85PLOPENG	EUR											
Warrant	NL0012827364	AEX 563.55SPSOPENG	EUR	6,4200	6,4200	6,4200			6,4200					
Warrant	NL0012827372	AEX 564.95SPSOPENG	EUR	6,5700	6,5700	6,5700			6,5700					
Warrant	NL0012827380	AEX 566.35SPSOPENG	EUR	6,7100	6,7100	6,7100			6,7100					
Warrant	NL0012818918	AEX 567.85SPSOPENG	EUR	6,8500	6,8500	6,8500			6,8500					
Warrant	NL0012818926	AEX 569.25SPSOPENG	EUR	6,7000	7,0000	6,7000	13530,0000	2	7,0000	2000				
Warrant	NL0012071948	AEX 570.75SPSOPENG	EUR	6,8300	7,1500	6,8300	3415,0000	1	7,1500	500				
Warrant	NL0012818900	AEX 575.35SPSOPENG	EUR											
Warrant	NL0012072805	AEX 581.25SPSOPENG	EUR	8,3800	8,3800	8,1900	419,0000	1	8,1900	50				
Warrant	NL0012073845	AEX 591.85SPSOPENG	EUR	9,2500	9,2500	9,2500			9,2500					
Warrant	NL0012078257	AEX 596.45SPSOPENG	EUR	9,7200	9,7200	9,7200			9,7200					
Warrant	NL0012463186	AEX 604.25SPSOPENG	EUR	10,4900	10,4900	10,4900			10,4900					
Warrant	NL0012463517	AEX 607.55SPSOPENG	EUR	10,8200	10,8200	10,8200			10,8200					
Warrant	NL0012463525	AEX 610.65SPSOPENG	EUR	11,1400	11,1400	11,1400			11,1400					
Warrant	NL0012463665	AEX 615.35SPSOPENG	EUR	11,6100	11,6100	11,6100			11,6100					
Warrant	NL0012464507	AEX 623.25SPSOPENG	EUR	12,4000	12,4000	12,4000			12,4000					
Warrant	NL0012468086	AEX 628.15SPSOPENG	EUR	12,8900	12,8900	12,8900			12,8900					
Warrant	NL0012470074	AEX 631.35SPSOPENG	EUR	13,2100	13,2100	13,2100			13,2100					
Warrant	NL0012470538	AEX 634.55SPSOPENG	EUR	13,5300	13,5300	13,5300			13,5300					
Warrant	NL0012470546	AEX 637.85SPSOPENG	EUR	13,8600	13,8600	13,8600			13,8600					
Warrant	NL0012471254	AEX 641.15SPSOPENG	EUR	14,1900	14,1900	14,1900			14,1900					
Warrant	NL0012471262	AEX 644.45SPSOPENG	EUR	14,5200	14,5200	14,5200			14,5200					
Warrant	NL0012480917	AEX 647.75SPSOPENG	EUR	14,8500	14,8500	14,8500			14,8500					
Warrant	NL0012825319	AEX 652.75SPSOPENG	EUR	15,3400	15,3400	15,3400			15,3400					
Warrant	NL0012825327	AEX 655.95SPSOPENG	EUR	15,6700	15,6700	15,6700			15,6700					
Warrant	NL0012826481	AEX 659.25SPSOPENG	EUR	16,0000	16,0000	16,0000			16,0000					
Warrant	NL0012063168	AGEAS 32SPLOPENG	EUR	11,0400	11,0400	10,8000			10,8000					
Warrant	NL0009901826	AGEAS 0.71SPLOPENG	EUR	3,9700	3,9700	3,9400			3,9400					
Warrant	NL0010206389	AGEAS 8.18SPLOPENG	EUR	3,2800	3,2800	3,2500			3,2500					
Warrant	NL0010211785	AGEAS 9.52SPLOPENG	EUR	3,1800	3,1800	3,1600			3,1600					
Warrant	NL0010217345	AGEAS10.95SPLOPENG	EUR	3,0500	3,0500	3,0300			3,0300					
Warrant	NL0010361176	AGEAS17.66SPLOPENG	EUR	24,0900	24,0900	23,8500			23,8500					
Warrant	NL0010941076	AGEAS19.39SPLOPENG	EUR	22,5100	22,5100	22,2700			22,2700					
Warrant	NL0010949459	AGEAS21.25SPLOPENG	EUR	20,8200	20,8200	20,5800			20,5800					
Warrant	NL0011014410	AGEAS23.24SPLOPENG	EUR	19,0100	19,0100	18,7700			18,7700					
Warrant	NL0011028964	AGEAS25.38SPLOPENG	EUR	17,0600	17,0600	16,8200			16,8200					
Warrant	NL0012470629	AGEAS36.94SPLOPENG	EUR	6,5500	6,5500	6,3100			6,3100					
Warrant	NL0012477327	AGEAS39.67SPLOPENG	EUR	4,0700	4,0700	4,0700			4,0700					
Warrant	NL0012825947	AGEAS42.32SPLOPENG	EUR											
Warrant	NL0009884725	AGFA 15PLOPENG	EUR	2,6300	2,6300	2,4200			2,4200					
Warrant	NL0009884881	AGFA 0.95PLOPENG	EUR	2,7600	2,7600	2,5500			2,5500					
Warrant	NL0012471007	AGFA 4.35SPSOPENG	EUR	1,3500	1,5400	1,3500			1,5400					
Warrant	NL0010465951	AGFA 1.48SPLOPENG	EUR	2,1900	2,1900	1,9800			1,9800					
Warrant	NL0010596326	AGFA 1.78SPLOPENG	EUR	1,9200	1,9200	1,7000			1,7000					
Warrant	NL0011208368	AGFA 2.13SPLOPENG	EUR	1,6000	1,6000	1,3800			1,3800					
Warrant	NL0011201702	AGFA 2.32SPLOPENG	EUR	1,4100	1,4100	1,2000			1,2000					
Warrant	NL0011366935	AGFA 2.54SPLOPENG	EUR	1,2100	1,2100	1,0000			1,0000					
Warrant	NL0012468912	AGFA 2.77SPLOPENG	EUR	0,9800	0,9800	0,7700			0,7700					
Warrant	NL0012820633	AGFA 3.03SPLOPENG	EUR	0,7800	0,7800	0,5600			0,5600					
Warrant	NL0012823058	AGFA 3.32SPLOPENG	EUR	0,5200	0,5200	0,5200			0,5200					
Warrant	NL0012823041	AGFA 3.59SPLOPENG	EUR											
Warrant	NL0012828743	AGFA 3.61SPLOPENG	EUR											
Warrant	NL0012833784	AGFA 3.62SPLOPENG	EUR											
Warrant	NL0012826515	AGFA 3.92SPLOPENG	EUR											
Warrant	NL0012468920	AGFA 4.84SPSOPENG	EUR	1,9500	2,1400	1,9500			2,1400					
Warrant	NL0012469688	AGFA 5.38SPSOPENG	EUR	2,5400	2,7300	2,5400			2,7300					
Warrant	NL0010353256	AHOLD 95PLOPENG	EUR	13,7200	14,0700	13,7200			14,0700					
Warrant	DE000CV894Y8	AHOLD 18C 1218Z	EUR	4,1500	4,2500	4,1500			4,2500					
Warrant	DE000CJ3N9J5	AHOLD 20C 0319Z	EUR	2,5300	2,6200	2,5300			2,6200					
Warrant	DE000CV894Z5	AHOLD 20C 1218Z	EUR	2,1800	2,2850	2,1800			2,2850					
Warrant	DE000CV8AMT8	AHOLD 22C 1218Z	EUR	0,4800	0,5250	0,4800			0,5250					
Warrant	DE000CV8AMW2	AHOLD 25C 0319Z	EUR	0,2250	0,2250	0,2250			0,2250					
Warrant	NL0006420770	AHOLD 2.45PLOPENG	EUR	19,7900	20,1400	19,7900			20,1400					
Warrant	NL0009113380	AHOLD 4.85PLOPENG	EUR	17,5400	17,8900	17,5400			17,8900					
Warrant	NL0009882711	AHOLD 6.25PLOPENG	EUR	16,2900	16,6400	16,2900			16,6400					
Warrant	NL0010084752	AHOLD 6.75PLOPENG	EUR	15,8400	16,1900	15,8400			16,1900					
Warrant	NL0010345864	AHOLD 8.25PLOPENG	EUR	14,4900	14,8400	14,4900			14,8400					
Warrant	NL0010589784	AHOLD 9.55PLOPENG	EUR	12,5800	12,9300	12,5800			12,9300					



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	NL0010468195	AHOLD 9.8SPLOPENG	EUR	12,9300	13,2800	12,9300			13,2800					
Warrant	NL0010940045	AHOLD 10.75PLOPENG	EUR	12,1500	12,5000	12,1500			12,5000					
Warrant	NL0010944369	AHOLD 11.6SPLOPENG	EUR	11,2900	11,6400	11,2900			11,6400					
Warrant	NL0010962544	AHOLD 12.6SPLOPENG	EUR	10,3700	10,7200	10,3700			10,7200					
Warrant	NL0010968699	AHOLD 13.6SPLOPENG	EUR	9,3800	9,7300	9,3800			9,7300					
Warrant	NL0012080683	AHOLD 14.6SPLOPENG	EUR	8,4500	8,8000	8,4500			8,8000					
Warrant	NL0012462899	AHOLD 15.1SPLOPENG	EUR	6,9700	7,3200	6,9700			7,3200					
Warrant	NL0012465033	AHOLD 15.7SPLOPENG	EUR	7,4700	7,8200	7,4700			7,8200					
Warrant	NL0012474639	AHOLD 16.8SPLOPENG	EUR	6,4100	6,7600	6,4100			6,7600					
Warrant	NL0012478911	AHOLD 18.1SPLOPENG	EUR	5,2700	5,6200	5,2700			5,6200					
Warrant	NL0012821391	AHOLD 19.25PLOPENG	EUR											
Warrant	NL0012833693	AHOLD 19.35PLOPENG	EUR	4,0800	4,4300	4,0800			4,4300					
Warrant	NL0012824445	AHOLD 20.65PLOPENG	EUR											
Warrant	NL0012828214	AHOLD 20.65PLOPENG	EUR											
Warrant	NL0012832232	AHOLD 20.75SPLOPENG	EUR											
Warrant	DE000C3PJ27	AHOLD 22.5C 0319Z	EUR	0,8950	0,9350	0,8950			0,9350					
Warrant	DE000C3P059	AHOLD 22.5C 0619Z	EUR	1,0250	1,0500	1,0250			1,0500					
Warrant	NL0012479729	AHOLD 22.8SPSOPENG	EUR											
Warrant	NL0012835276	AHOLD 23.1SPSOPENG	EUR											
Warrant	NL0012835284	AHOLD 25.1SPSOPENG	EUR	5,2600	5,2600	4,9000			4,9000					
Warrant	NL0010603734	AHOLD 8.91SPLOPENG	EUR	13,1900	13,5400	13,1900			13,5400					
Warrant	NL0010589776	AHOLD10.145PLOPENG	EUR	11,9600	12,3100	11,9600			12,3100					
Warrant	NL0010940003	AHOLD10.775PLOPENG	EUR	11,3800	11,7300	11,3800			11,7300					
Warrant	NL0010940987	AHOLD11.435PLOPENG	EUR	10,5900	10,9400	10,5900			10,9400					
Warrant	NL0010947206	AHOLD12.135PLOPENG	EUR	10,0000	10,3500	10,0000			10,3500					
Warrant	NL0010962684	AHOLD12.855PLOPENG	EUR	9,2500	9,6000	9,2500			9,6000					
Warrant	NL0010967246	AHOLD13.625PLOPENG	EUR	8,4500	8,8000	8,4500			8,8000					
Warrant	NL0012079578	AHOLD13.935PLOPENG	EUR	8,1700	8,5200	8,1700			8,5200					
Warrant	NL0012079065	AHOLD14.335PLOPENG	EUR	7,7800	8,1300	7,7800			8,1300					
Warrant	NL0012464978	AHOLD15.895PLOPENG	EUR	6,2100	6,5600	6,2100			6,5600					
Warrant	NL0012472351	AHOLD16.735PLOPENG	EUR	5,3700	5,7200	5,3700			5,7200					
Warrant	NL0012476402	AHOLD17.615PLOPENG	EUR	4,4900	4,8400	4,4900			4,8400					
Warrant	NL0012478721	AHOLD18.535PLOPENG	EUR	3,5700	3,9200	3,5700			3,9200					
Warrant	NL0012820930	AHOLD19.395PLOPENG	EUR											
Warrant	NL0012833164	AHOLD19.475PLOPENG	EUR	2,6300	2,9800	2,6300			2,9800					
Warrant	NL0012823991	AHOLD20.335PLOPENG	EUR											
Warrant	NL0012827703	AHOLD20.375PLOPENG	EUR											
Warrant	NL0012834899	AHOLD20.475PLOPENG	EUR	1,6300	1,9800	1,6300	112,2000	1	1,9800	60				
Warrant	NL0012830012	AHOLD20.865PSOPENG	EUR											
Warrant	NL0012835011	AHOLD21.515PLOPENG	EUR	0,5900	0,9400	0,5900	19,3200	1	0,9400	23				
Warrant	NL0011850409	AHOLD22.445PSOPENG	EUR											
Warrant	NL0012835441	AHOLD22.585PLOPENG	EUR											
Warrant	NL0012824718	AHOLD23.965PSOPENG	EUR	2,0800	2,0800	1,7200			1,7200					
Warrant	NL0012835516	AHOLD25.625PSOPENG	EUR	3,7500	3,7500	3,3900			3,3900					
Warrant	DE000C3PJ51	AIRFR 8C 0619Z	EUR	1,7550	1,7550	1,7550			1,7550					
Warrant	DE000CV8AMD2	AIRFR 9C 0319Z	EUR	0,9050	0,9050	0,9050			0,9050					
Warrant	DE000C3PJ79	AIRFR 9C 0619Z	EUR	1,1850	1,1850	1,1850			1,1850					
Warrant	NL0012480073	AIRFR 9SPSOPENG	EUR											
Warrant	DE000CV8APU9	AIRFR 10C 0319Z	EUR	0,4800	0,4800	0,4800			0,4800					
Warrant	DE000C3QD89	AIRFR 11C 0319Z	EUR	0,2450	0,2450	0,2450			0,2450					
Warrant	NL0012470991	AIRFR 13SPSOPENG	EUR	5,5400	5,5400	5,3100			5,3100					
Warrant	NL0009885516	AIRFR 3.25PLOPENG	EUR	6,2000	6,4100	6,2000			6,4100					
Warrant	NL0010104337	AIRFR 3.75PLOPENG	EUR	5,7400	5,9400	5,7400			5,9400					
Warrant	NL0010207023	AIRFR 4.75PLOPENG	EUR	4,8400	5,0400	4,8400			5,0400					
Warrant	NL0012066799	AIRFR 6.35PLOPENG	EUR	2,8200	3,0300	2,8200			3,0300					
Warrant	DE000CV89556	AIRFR 7.5C 1218Z	EUR	1,6800	1,6800	1,6800			1,6800					
Warrant	NL0012826382	AIRFR 7.75PLOPENG	EUR	1,4100	1,6100	1,4100			1,6100					
Warrant	NL0012835060	AIRFR 8.15PLOPENG	EUR	1,0300	1,2300	1,0300	540,0000	1	1,2300	500				
Warrant	NL0012819999	AIRFR 8.15PSOPENG	EUR											
Warrant	DE000C3N898	AIRFR 8.2C 0319Z	EUR	1,4050	1,4050	1,4050			1,4050					
Warrant	DE000CV8AMB6	AIRFR 8.5C 1218Z	EUR	0,7650	0,7650	0,7650			0,7650					
Warrant	NL0010955654	AIRFR 8.5SPSOPENG	EUR											
Warrant	NL0012832364	AIRFR 8.95PSOPENG	EUR											
Warrant	NL0012829485	AIRFR 8.95PSOPENG	EUR											
Warrant	NL0012835425	AIRFR 9.15PLOPENG	EUR											
Warrant	NL0012477913	AIRFR 9.35PSOPENG	EUR											
Warrant	DE000CV8AMC4	AIRFR 9.5C 1218Z	EUR	0,1600	0,1600	0,1600			0,1600					
Warrant	NL0012477368	AIRFR 9.85PSOPENG	EUR											
Warrant	DE000C3P034	AIRFR 10.5C 0619Z	EUR	0,6000	0,6000	0,6000			0,6000					
Warrant	DE000CV8B227	AIRFR 10.5C 1218Z	EUR	0,0260	0,0260	0,0260			0,0260					
Warrant	NL0012476295	AIRFR 10.75PSOPENG	EUR	3,0400	3,0400	2,8200			2,8200					
Warrant	NL0012474779	AIRFR 11.85PSOPENG	EUR	4,2300	4,2300	4,0000			4,0000					



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
Warrant	NL0011855051	AIRFR 4.24SPLOPENG	EUR	4,8900	5,0900	4,8900			5,0900					
Warrant	NL0011852769	AIRFR 4.45SPLOPENG	EUR	4,6800	4,8800	4,6800			4,8800					
Warrant	NL0011850557	AIRFR 4.66SPLOPENG	EUR	4,4700	4,6700	4,4700			4,6700					
Warrant	NL0011857552	AIRFR 4.91SPLOPENG	EUR	4,2200	4,4300	4,2200			4,4300					
Warrant	NL0012065965	AIRFR 5.15SPLOPENG	EUR	3,9700	4,1800	3,9700			4,1800					
Warrant	NL0012066195	AIRFR 5.98SPLOPENG	EUR	3,1400	3,3400	3,1400			3,3400					
Warrant	NL0012067409	AIRFR 6.63SPLOPENG	EUR	2,4900	2,6900	2,4900			2,6900					
Warrant	NL0012823777	AIRFR 6.96SPLOPENG	EUR	2,1600	2,3600	2,1600			2,3600					
Warrant	NL0012826259	AIRFR 7.32SPLOPENG	EUR	1,8000	2,0000	1,8000			2,0000					
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	NL0010955191	AIRFR 8.47SPSOPENG	EUR											
Warrant	NL0012826366	AIRFR 8.48SPLOPENG	EUR											
Warrant	NL0012827430	AIRFR 8.48SPLOPENG	EUR											
Warrant	NL0012831879	AIRFR 8.49SPLOPENG	EUR											
Warrant	NL0012831267	AIRFR 8.49SPLOPENG	EUR											
Warrant	NL0012830111	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 8.94SPLOPENG	EUR											
Warrant	NL0012829279	AIRFR 9.26SPSOPENG	EUR											
Warrant	NL0012835219	AIRFR 9.39SPLOPENG	EUR											
Warrant	NL0012836340	AIRFR 9.39SPLOPENG	EUR											
Warrant	NL0012837355	AIRFR 9.94SPSOPENG	EUR	1,0900	1,0900	0,8700			0,8700					
Warrant	NL0012835532	AIRFR 9.96SPSOPENG	EUR											
Warrant	NL0012477517	AIRFR 9.97SPSOPENG	EUR											
Warrant	NL0012474548	AIRFR10.72SPSOPENG	EUR	1,8600	1,8600	1,6300			1,6300					
Warrant	NL0012473078	AIRFR11.53SPSOPENG	EUR	2,6700	2,6700	2,4500			2,4500					
Warrant	NL0012472393	AIRFR12.41SPSOPENG	EUR	3,5500	3,5500	3,3300			3,3300					
Warrant	NL0012469423	AIRFR13.35SPSOPENG	EUR	4,4900	4,4900	4,2700			4,2700					
Warrant	NL0012078448	AIRFR14.37SPSOPENG	EUR	5,5100	5,5100	5,2800			5,2800					
Warrant	NL0009879162	AKZO 7SPLOPENG	EUR	64,4000	64,4000	64,3800			64,3800					
Warrant	NL0010085577	AKZO 23.45PLOPENG	EUR	49,1000	49,1000	49,0800			49,0800					
Warrant	NL0010216354	AKZO 30.55PLOPENG	EUR	42,5100	42,5100	42,4900			42,4900					
Warrant	NL0010528501	AKZO 33.75PLOPENG	EUR	39,5800	39,5800	39,5600			39,5600					
Warrant	NL0010939047	AKZO 40.55PLOPENG	EUR	33,2000	33,2000	33,1800			33,1800					
Warrant	NL0011624648	AKZO 44.15PLOPENG	EUR	29,8700	29,8700	29,8500			29,8500					
Warrant	NL0011854823	AKZO 47.85PLOPENG	EUR	26,3900	26,3900	26,3700			26,3700					
Warrant	NL0012067979	AKZO 60.65PLOPENG	EUR	14,5100	14,5100	14,4900			14,4900					
Warrant	NL0012467773	AKZO 69.75PLOPENG	EUR	6,0500	6,0500	6,0300			6,0300					
Warrant	NL0012825202	AKZO 74.85PLOPENG	EUR											
Warrant	NL0012476709	AKZO 83.35SPSOPENG	EUR	19,3500	19,3500	19,3100			19,3100					
Warrant	NL0012829055	AKZO 87.55SPSOPENG	EUR	16,9800	16,9800	16,9400			16,9400					
Warrant	NL0010939609	AKZO 41.21SPLOPENG	EUR	29,8800	29,8800	29,8600			29,8600					
Warrant	NL0011620729	AKZO 43.78SPLOPENG	EUR	27,3100	27,3100	27,2900			27,2900					
Warrant	NL0011845540	AKZO 46.41SPLOPENG	EUR	24,6800	24,6800	24,6600			24,6600					
Warrant	NL0011850417	AKZO 49.17SPLOPENG	EUR	21,9000	21,9000	21,8800			21,8800					
Warrant	NL0012064067	AKZO 52.06SPLOPENG	EUR	19,0100	19,0100	18,9900			18,9900					
Warrant	NL0012067367	AKZO 55.07SPLOPENG	EUR	15,9800	15,9800	15,9600			15,9600					
Warrant	NL0012069538	AKZO 58.26SPLOPENG	EUR	12,8000	12,8000	12,7800			12,7800					
Warrant	NL0012071047	AKZO 62.69SPLOPENG	EUR	8,3700	8,3700	8,3500			8,3500					
Warrant	NL0012077549	AKZO 66.19SPLOPENG	EUR	4,9000	4,9000	4,8800			4,8800					
Warrant	NL0012078307	AKZO 69.84SPLOPENG	EUR	1,2200	1,2200	1,2000			1,2000					
Warrant	NL0012824726	AKZO 73.55SPLOPENG	EUR											
Warrant	NL0012835938	AKZO 75.66SPSOPENG	EUR	5,1400	5,1400	5,1000			5,1000					
Warrant	NL0012825731	AKZO 77.19SPLOPENG	EUR											
Warrant	NL0012835946	AKZO 81.36SPSOPENG	EUR	10,8400	10,8400	10,8000			10,8000					
Warrant	NL0012068837	AKZO 82.57SPSOPENG	EUR											
Warrant	NL0010740171	ALPHA 474SPLOPENG	EUR	53,6800	53,6800	53,6800			53,6800					
Warrant	NL0010693289	ALPHA 509SPLOPENG	EUR	50,7400	50,7400	50,7400			50,7400					
Warrant	NL0010693305	ALPHA 545SPLOPENG	EUR	47,8200	47,8200	47,8200			47,8200					
Warrant	NL0011301734	ALPHA 583SPLOPENG	EUR	44,6800	44,6800	44,6800			44,6800					
Warrant	NL0011474739	ALPHA 667SPLOPENG	EUR	37,7600	37,7600	37,7600			37,7600					
Warrant	NL0011303540	ALPHA 593.SPLOPENG	EUR	40,5800	40,5800	40,5800			40,5800					
Warrant	NL0011850094	ALPHA 757.SPLOPENG	EUR	26,0800	26,0800	26,0800			26,0800					
Warrant	NL0010739884	ALPHA486.5SPLOPENG	EUR	50,0000	50,0000	50,0000			50,0000					
Warrant	NL0010693339	ALPHA512.1SPLOPENG	EUR	47,7300	47,7300	47,7300			47,7300					
Warrant	NL0011019039	ALPHA564.8SPLOPENG	EUR	43,0800	43,0800	43,0800			43,0800					



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
Warrant	NL0011477195	ALPHA653.9SPLOPENG	EUR	35,2000	35,2000	35,2000			35,2000					
Warrant	NL0011633052	ALPHA696.4SPLOPENG	EUR											
Warrant	NL0011845565	ALPHA720.9SPLOPENG	EUR	29,2700	29,2700	29,2700			29,2700					
Warrant	DE000CJ3N9N7	ALPHC 1200C 0319Z	EUR	0,1350	0,1450	0,1350								
Warrant	DE000CJ3N9M9	ALPHC 1200C 1218Z	EUR	0,0150	0,0150	0,0150								
Warrant	DE000CJ3N9P2	ALPHC 1250C 0319Z	EUR	0,0730	0,0820	0,0730								
Warrant	DE000CV8AJT4	ALPHC 1400C 0319Z	EUR	0,0180	0,0180	0,0180			0,0180					
Warrant	NL0012466379	ALTIA 1.3SPLOPENG	EUR	3,3700	3,5000	3,3700			3,5000					
Warrant	NL0012836506	ALTIA 1.4SPLOPENG	EUR	0,7200	0,7400	0,7200			0,7400					
Warrant	NL0012820450	ALTIA 2.3SPLOPENG	EUR											
Warrant	NL0012828206	ALTIA 2.5SPLOPENG	EUR											
Warrant	NL0012823108	ALTIA 4.2SPSOPENG	EUR	2,7400	2,7400	2,7100			2,7100					
Warrant	NL0012466700	ALTIA 1.06SPLOPENG	EUR	4,8000	4,9300	4,8000			4,9300					
Warrant	NL0012466486	ALTIA 1.21SPLOPENG	EUR	3,7900	3,9200	3,7900			3,9200					
Warrant	NL0012467211	ALTIA 1.31SPLOPENG	EUR	3,7200	3,8500	3,7200			3,8500					
Warrant	NL0012836597	ALTIA 1.41SPLOPENG	EUR	0,7300	0,7500	0,7300			0,7500					
Warrant	NL0012837447	ALTIA 1.51SPLOPENG	EUR	0,6300	0,6500	0,6300			0,6500					
Warrant	NL0012820419	ALTIA 1.58SPLOPENG	EUR											
Warrant	NL0012836589	ALTIA 1.62SPLOPENG	EUR	0,5200	0,5400	0,5200			0,5400					
Warrant	NL0012820369	ALTIA 1.72SPLOPENG	EUR											
Warrant	NL0012837439	ALTIA 1.74SPLOPENG	EUR	0,4200	0,4400	0,4200			0,4400					
Warrant	NL0012836647	ALTIA 1.76SPLOPENG	EUR	0,3800	0,4000	0,3800			0,4000					
Warrant	NL0012837421	ALTIA 1.86SPLOPENG	EUR	0,3000	0,3400	0,3000	340,0000	1	0,3200	1000				
Warrant	NL0012820377	ALTIA 1.87SPLOPENG	EUR											
Warrant	NL0012836639	ALTIA 1.91SPLOPENG	EUR											
Warrant	NL0012820401	ALTIA 1.99SPLOPENG	EUR											
Warrant	NL0012820476	ALTIA 2.02SPLOPENG	EUR											
Warrant	NL0012836621	ALTIA 2.09SPLOPENG	EUR											
Warrant	NL0012831234	ALTIA 2.12SPLOPENG	EUR											
Warrant	NL0012820393	ALTIA 2.13SPLOPENG	EUR											
Warrant	NL0012820468	ALTIA 2.16SPLOPENG	EUR											
Warrant	NL0012831275	ALTIA 2.19SPLOPENG	EUR											
Warrant	NL0012827257	ALTIA 2.28SPLOPENG	EUR											
Warrant	NL0012832760	ALTIA 2.28SPLOPENG	EUR											
Warrant	NL0012831606	ALTIA 2.28SPLOPENG	EUR											
Warrant	NL0012826416	ALTIA 2.32SPLOPENG	EUR											
Warrant	NL0012828164	ALTIA 2.32SPLOPENG	EUR											
Warrant	NL0012831390	ALTIA 2.36SPLOPENG	EUR											
Warrant	NL0012820385	ALTIA 2.44SPLOPENG	EUR											
Warrant	NL0012827992	ALTIA 2.46SPLOPENG	EUR											
Warrant	NL0012820443	ALTIA 2.48SPLOPENG	EUR											
Warrant	NL0012829824	ALTIA 2.61SPSOPENG	EUR	0,8200	0,8200	0,7900			0,7900					
Warrant	NL0012820666	ALTIA 2.62SPLOPENG	EUR											
Warrant	NL0012828248	ALTIA 2.62SPLOPENG	EUR											
Warrant	NL0012835797	ALTIA 2.64SPSOPENG	EUR	1,0100	1,0100	0,9800			0,9800					
Warrant	NL0012820435	ALTIA 2.65SPLOPENG	EUR											
Warrant	NL0012827448	ALTIA 3.08SPSOPENG	EUR	1,2900	1,2900	1,2600			1,2600					
Warrant	NL0012831614	ALTIA 3.11SPSOPENG	EUR	1,5300	1,5300	1,5000			1,5000					
Warrant	NL0012824254	ALTIA 3.63SPSOPENG	EUR	1,8400	1,8400	1,8100			1,8100					
Warrant	NL0012821078	ALTIA 3.66SPSOPENG	EUR	2,1400	2,1400	2,1100			2,1100					
Warrant	NL0010532727	AMAZO 268SPLOPENG	EUR	123,0000	123,0000	123,0000			123,0000					
Warrant	NL0010528014	AMAZO 288SPLOPENG	EUR	121,3500	121,3500	121,3500			121,3500					
Warrant	NL0010528006	AMAZO 310SPLOPENG	EUR	119,5500	119,5500	119,5500			119,5500					
Warrant	NL0011631486	AMAZO 652SPLOPENG	EUR	91,4000	91,4000	91,4000			91,4000					
Warrant	NL0011632245	AMAZO 698SPLOPENG	EUR	87,6400	87,6400	87,6400			87,6400					
Warrant	NL0011848726	AMAZO 747SPLOPENG	EUR	83,6200	83,6200	83,6200			83,6200					
Warrant	DE000CV506Q4	AMAZO 1400C 0319Z	EUR	13,2700	13,3200	13,2700			13,3200					
Warrant	DE000CV506N1	AMAZO 1450C 0619Z	EUR	13,4000	13,5300	13,4000			13,5300					
Warrant	DE000CV506R2	AMAZO 1550C 0319Z	EUR	8,6550	8,7650	8,6550			8,7650					
Warrant	DE000CV506P6	AMAZO 1550C 0619Z	EUR	10,6500	10,8000	10,6500			10,8000					
Warrant	DE000CJ3Q574	AMAZO 1800C 0619Z	EUR	1,1050	1,1350	1,1050			1,1350					
Warrant	DE000CV8AJV0	AMAZO 1800C 1218Z	EUR	0,0560	0,0560	0,0460			0,0460					
Warrant	DE000CJ3N9Q0	AMAZO 1900C 0319Z	EUR	0,4550	0,4650	0,4550			0,4650					
Warrant	DE000CV8AJW8	AMAZO 2000C 1218Z	EUR	0,0250	0,0250	0,0250			0,0250					
Warrant	DE000CV8AJX6	AMAZO 2050C 0319Z	EUR	0,2350	0,2350	0,2350			0,2350					
Warrant	DE000CJ3Q582	AMAZO 2050C 0619Z	EUR	0,5350	0,5450	0,5350			0,5450					
Warrant	DE000CV89572	AMG 45C 1218Z	EUR	0,0180	0,0180	0,0180			0,0180					
Warrant	DE000CV89580	AMG 50C 1218Z	EUR	0,0120	0,0120	0,0120			0,0120					
Warrant	NL0012830939	AMG 33.3SPLOPENG	EUR											
Warrant	NL0012832778	AMG 35.8SPLOPENG	EUR											
Warrant	NL0012830921	AMG 35.9SPLOPENG	EUR											
Warrant	NL0012834634	AMG 38.4SPLOPENG	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	NL0012833016	AMG 38.45PLOPENG	EUR											
Warrant	NL0012837033	AMG 38.55PLOPENG	EUR											
Warrant	NL0012834626	AMG 41.35PLOPENG	EUR											
Warrant	NL0012830947	AMG 44.35PSPOPENG	EUR											
Warrant	NL0009107564	AMX 238SPLOPENG	EUR	42,5200	43,0800	42,5200				43,0800				
Warrant	NL0009111566	AMX 280SPLOPENG	EUR	38,5900	39,1500	38,5900				39,1500				
Warrant	NL0009112648	AMX 322SPLOPENG	EUR	34,6300	35,1900	34,6300				35,1900				
Warrant	NL0009905470	AMX 392SPLOPENG	EUR	27,9800	28,5400	27,9800				28,5400				
Warrant	NL0010204996	AMX 443SPLOPENG	EUR	23,1400	23,6900	23,1400				23,6900				
Warrant	NL0010362885	AMX 470SPLOPENG	EUR	20,5800	21,1400	20,5800				21,1400				
Warrant	NL0010829644	AMX 496SPLOPENG	EUR	18,0200	18,5700	18,0200				18,5700				
Warrant	NL0010830840	AMX 525SPLOPENG	EUR	15,3200	15,8800	15,3200				15,8800				
Warrant	NL0011848080	AMX 583SPLOPENG	EUR	9,7600	10,3200	9,7600				10,3200				
Warrant	NL0011861836	AMX 614SPLOPENG	EUR	6,8000	7,3600	6,8000				7,3600				
Warrant	NL0012063564	AMX 647SPLOPENG	EUR											
Warrant	NL0012065833	AMX 681SPLOPENG	EUR											
Warrant	NL0012835698	AMX 714SPSPOPENG	EUR	10,1100	10,1100	9,5500			9,5500					
Warrant	NL0012070684	AMX 716SPLOPENG	EUR											
Warrant	NL0012820336	AMX 752SPLOPENG	EUR											
Warrant	NL0012074827	AMX 833SPSPOPENG	EUR	22,6200	22,6200	22,0600				22,0600				
Warrant	NL0012470405	AMX 876SPSPOPENG	EUR	27,0800	27,0800	26,5200				26,5200				
Warrant	NL0009373935	APPLE 38SPLOPENG	EUR	82,6200	82,6200	82,6200				82,6200				
Warrant	NL0010677696	APPLE 70SPLOPENG	EUR	64,2100	64,2100	64,2100				64,2100				
Warrant	NL0010751053	APPLE 91SPLOPENG	EUR	68,9500	68,9500	68,9500				68,9500				
Warrant	NL0011850854	APPLE 102SPLOPENG	EUR	65,4600	65,4600	65,4600				65,4600				
Warrant	DE000CV896V9	APPLE 180C 1218Z	EUR	0,0430	0,0430	0,0340				0,0340				
Warrant	DE000CJ3Q590	APPLE 190C 0319Z	EUR	0,1850	0,1850	0,1750				0,1750				
Warrant	DE000CV896W7	APPLE 200C 1218Z	EUR	0,0150	0,0150	0,0150				0,0150				
Warrant	DE000CJ3QTA6	APPLE 210C 0619Z	EUR	0,1450	0,1450	0,1350				0,1350				
Warrant	DE000CV8AJY4	APPLE 220C 1218Z	EUR	0,0150	0,0150	0,0150				0,0150				
Warrant	DE000CJ3N9R8	APPLE 230C 0319Z	EUR	0,0210	0,0210	0,0200				0,0200				
Warrant	DE000CJ3PJN2	APPLE 240C 0619Z	EUR	0,0400	0,0400	0,0380				0,0380				
Warrant	DE000CV8B185	APPLE 240C 1218Z	EUR	0,0150	0,0150	0,0150				0,0150				
Warrant	DE000CV8B193	APPLE 250C 0319Z	EUR	0,0150	0,0150	0,0150				0,0150				
Warrant	NL0009233741	APPLE 17.95PLOPENG	EUR	94,2300	94,2300	94,2300				94,2300				
Warrant	NL0009239797	APPLE 21.15PLOPENG	EUR	92,3900	92,3900	92,3900				92,3900				
Warrant	NL0009365949	APPLE 24.85PLOPENG	EUR	90,2500	90,2500	90,2500				90,2500				
Warrant	NL0009370949	APPLE 28.85PLOPENG	EUR	87,9500	87,9500	87,9500				87,9500				
Warrant	NL0009760503	APPLE 42.15PLOPENG	EUR	80,3000	80,3000	80,3000				80,3000				
Warrant	NL0009881911	APPLE 47.65PLOPENG	EUR	77,0900	77,0900	77,0900				77,0900				
Warrant	NL0010530234	APPLE 61.15PLOPENG	EUR	69,3400	69,3400	69,3400				69,3400				
Warrant	NL0010540159	APPLE 66.25PLOPENG	EUR	66,4300	66,4300	66,4300				66,4300				
Warrant	NL0010739819	APPLE 77.35PLOPENG	EUR	56,8000	56,8000	56,8000				56,8000				
Warrant	NL0010739736	APPLE 78.35PLOPENG	EUR	59,4500	59,4500	59,4500				59,4500				
Warrant	NL0010740148	APPLE 82.75PLOPENG	EUR	56,8900	56,8900	56,8900				56,8900				
Warrant	NL0011854252	APPLE106.35PLOPENG	EUR	55,5700	55,5700	55,5700				55,5700				
Warrant	NL0010359477	APPLE48.99SPLOPENG	EUR	74,1900	74,1900	74,1900				74,1900				
Warrant	NL0010528774	APPLE58.68SPLOPENG	EUR	68,3100	68,3100	68,3100				68,3100				
Warrant	NL0010540225	APPLE65.37SPLOPENG	EUR	64,1700	64,1700	64,1700				64,1700				
Warrant	NL0010744124	APPLE86.21SPLOPENG	EUR	51,1700	51,1700	51,1700				51,1700				
Warrant	NL0010536900	APRAM 8SPLOPENG	EUR	16,2400	16,3900	16,2400				16,3900				
Warrant	NL0009879204	APRAM 3.95PLOPENG	EUR	19,9700	20,1200	19,9700				20,1200				
Warrant	NL0010678835	APRAM 11.85PLOPENG	EUR	12,7700	12,9200	12,7700				12,9200				
Warrant	NL0010683884	APRAM 12.95PLOPENG	EUR	11,7400	11,8900	11,7400				11,8900				
Warrant	NL0010939799	APRAM 18.35PLOPENG	EUR	6,8700	7,0200	6,8700				7,0200				
Warrant	NL0011374434	APRAM 21.65PLOPENG	EUR	3,8900	4,0400	3,8900				4,0400				
Warrant	NL0011619762	APRAM 23.45PLOPENG	EUR											
Warrant	NL0011848676	APRAM 29.85PLOPENG	EUR											
Warrant	NL0011855366	APRAM 34.55PLOPENG	EUR											
Warrant	NL0012826010	APRAM 36.95PLOPENG	EUR											
Warrant	NL0012831986	APRAM 36.95PLOPENG	EUR											
Warrant	NL0010824942	APRAM14.83SPLOPENG	EUR	8,8100	8,9600	8,8100				8,9600				
Warrant	NL0010939385	APRAM17.86SPLOPENG	EUR	5,7800	5,9300	5,7800	291,0000	1		5,9300	50			
Warrant	NL0011373766	APRAM20.11SPLOPENG	EUR	3,5300	3,6800	3,5300				3,6800				
Warrant	NL0011374756	APRAM22.59SPLOPENG	EUR	1,1000	1,6300	1,0400	567,0000	3		1,2100	430			
Warrant	NL0011620059	APRAM23.92SPLOPENG	EUR											
Warrant	NL0012836779	APRAM25.13SPLOPENG	EUR											
Warrant	NL0011845250	APRAM27.03SPLOPENG	EUR											
Warrant	NL0012834493	APRAM28.39SPLOPENG	EUR											
Warrant	NL0011848007	APRAM28.51SPLOPENG	EUR											
Warrant	NL0012835995	APRAM29.45SPSPOPENG	EUR	6,3200	6,3200	6,1400				6,1400				
Warrant	NL0012836001	APRAM31.68SPSPOPENG	EUR	8,5500	8,5500	8,3700				8,3700				



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
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	APRAM42.38SPSOPENG	EUR	19,2600	19,2600	19,0800			19,0800					
Warrant	NL0012475693	APRAM45.68SPSOPENG	EUR	22,5500	22,5500	22,3700			22,3700					
Warrant	NL0012066591	APRAM49.26SPSOPENG	EUR	26,1100	26,1100	25,9300			25,9300					
Warrant	NL0012065791	APRAM53.35SPSOPENG	EUR	30,2200	30,2200	30,0400			30,0400					
Warrant	NL0012837025	ARCAD 11SPLOPENG	EUR											
Warrant	NL0011616057	ARCAD 21SPSOPENG	EUR	12,6500	12,6500	12,5500			12,5500					
Warrant	NL0011616719	ARCAD 8.9SPLOPENG	EUR	2,7600	2,8300	2,7600			2,8300					
Warrant	NL0011859491	ARCAD 9.6SPLOPENG	EUR	2,1300	2,2000	2,1300			2,2000					
Warrant	NL0012835821	ARCAD 10.3SPLOPENG	EUR	1,5200	1,5900	1,5200			1,5900					
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	5,2900	5,2900	5,1900			5,1900					
Warrant	NL0012826028	ARCAD 14.7SPLOPENG	EUR											
Warrant	NL0012828008	ARCAD 17.4SPSOPENG	EUR	8,6200	8,6200	8,5200			8,5200					
Warrant	NL0011479399	ARCAD 23.2SPSOPENG	EUR	15,1000	15,1000	15,0000			15,0000					
Warrant	NL0012075402	ARCM1 19SPLOPENG	EUR											
Warrant	NL0012466239	ARCM1 23SPLOPENG	EUR											
Warrant	DE000CV89648	ARCM1 24C 1218Z	EUR	0,0200	0,0220	0,0200			0,0220					
Warrant	DE000CV88037	ARCM1 25C 0319Z	EUR	0,0310	0,0320	0,0310			0,0320					
Warrant	DE000CV89655	ARCM1 27C 1218Z	EUR	0,0240	0,0240	0,0240			0,0240					
Warrant	NL0012825426	ARCM1 29SPSOPENG	EUR	13,3700	13,3700	12,9800			12,9800					
Warrant	DE000CV8AME0	ARCM1 30C 0319Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0012071302	ARCM1 6.9SPLOPENG	EUR											
Warrant	NL0012066211	ARCM1 8.4SPLOPENG	EUR											
Warrant	NL0011484738	ARCM1 15.1SPLOPENG	EUR	4,1100	4,5000	4,1100			4,5000					
Warrant	NL0011620075	ARCM1 16.1SPLOPENG	EUR	4,4000	4,7900	4,4000			4,7900					
Warrant	NL0011491105	ARCM1 16.2SPLOPENG	EUR	4,2900	4,6800	4,2900			4,6800					
Warrant	NL0011618830	ARCM1 16.5SPLOPENG	EUR	4,0500	4,4400	4,0500			4,4400					
Warrant	NL0011620299	ARCM1 16.8SPLOPENG	EUR	3,7800	4,1700	3,7800			4,1700					
Warrant	NL0011622873	ARCM1 17.1SPLOPENG	EUR	3,4900	3,8800	3,4900			3,8800					
Warrant	NL0011623483	ARCM1 17.7SPLOPENG	EUR	2,9900	3,3800	2,9900			3,3800					
Warrant	NL0011625520	ARCM1 18.1SPLOPENG	EUR	2,6400	3,0200	2,6400	23,7600	1	3,0200	9				
Warrant	NL0012837819	ARCM1 18.6SPLOPENG	EUR	0,6400	1,0300	0,6400			1,0300					
Warrant	NL0012076202	ARCM1 19.9SPLOPENG	EUR											
Warrant	NL0012835391	ARCM1 20.9SPLOPENG	EUR											
Warrant	NL0012076194	ARCM1 20.9SPLOPENG	EUR											
Warrant	NL0012076095	ARCM1 21.2SPLOPENG	EUR											
Warrant	NL0012462659	ARCM1 21.9SPLOPENG	EUR											
Warrant	DE000CJ3QD97	ARCM1 22.5C 0319Z	EUR	0,0860	0,0930	0,0860			0,0930					
Warrant	NL0012463103	ARCM1 22.9SPLOPENG	EUR											
Warrant	NL0012833701	ARCM1 23.4SPSOPENG	EUR											
Warrant	NL0012822951	ARCM1 24.1SPLOPENG	EUR											
Warrant	NL0012829311	ARCM1 24.2SPLOPENG	EUR											
Warrant	NL0012835706	ARCM1 25.1SPSOPENG	EUR	9,0000	9,0000	8,6100			8,6100					
Warrant	NL0012832240	ARCM1 25.2SPSOPENG	EUR											
Warrant	NL0012825418	ARCM1 25.3SPLOPENG	EUR											
Warrant	NL0012831093	ARCM1 25.4SPLOPENG	EUR											
Warrant	NL0012827604	ARCM1 25.4SPLOPENG	EUR											
Warrant	NL0012825566	ARCM1 25.7SPLOPENG	EUR											
Warrant	NL0012469597	ARCM1 31.2SPSOPENG	EUR	15,8100	15,8100	15,4200			15,4200					
Warrant	NL0011618707	ARCM114.85SPLOPENG	EUR	4,3700	4,7600	4,3700			4,7600					
Warrant	NL0011491048	ARCM114.97SPLOPENG	EUR	4,2600	4,6500	4,2600	1125,0000	1	4,6500	250				
Warrant	NL0011618699	ARCM115.24SPLOPENG	EUR	4,0000	4,3900	4,0000			4,3900					
Warrant	NL0011619952	ARCM115.38SPLOPENG	EUR	3,8900	4,2800	3,8900			4,2800					
Warrant	NL0011620356	ARCM115.52SPLOPENG	EUR	3,7400	4,1300	3,7400			4,1300					
Warrant	NL0011620745	ARCM115.68SPLOPENG	EUR	3,5700	3,9600	3,5700			3,9600					
Warrant	NL0011623038	ARCM115.84SPLOPENG	EUR	3,4500	3,8400	3,4500			3,8400					
Warrant	NL0011623178	ARCM116.01SPLOPENG	EUR	3,2800	3,6800	3,2200	506,2100	7	3,6700	149				
Warrant	NL0011623160	ARCM116.18SPLOPENG	EUR	3,1000	3,4900	3,1000			3,4900					
Warrant	NL0011624895	ARCM116.28SPLOPENG	EUR											
Warrant	NL0011623640	ARCM116.37SPLOPENG	EUR	2,9000	3,2900	2,9000	981,0000	1	3,2900	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
Warrant	NL0011625546	ARCM117.08SPLOPENG	EUR	2,2000	2,5900	2,2000			2,5900					
Warrant	NL0011626627	ARCM117.26SPLOPENG	EUR	2,0200	2,4100	2,0200			2,4100					
Warrant	NL0011626619	ARCM117.45SPLOPENG	EUR	1,8300	2,2200	1,8300			2,2200					
Warrant	NL0011845169	ARCM117.64SPLOPENG	EUR	1,6500	2,0400	1,5700	377,7000	6	2,0400	220				
Warrant	NL0011847553	ARCM117.84SPLOPENG	EUR	1,4400	1,8300	1,4400	65,7000	1	1,8300	45				
Warrant	NL0011847546	ARCM118.06SPLOPENG	EUR	1,1700	1,5600	1,1700			1,5600					
Warrant	NL0012074678	ARCM118.96SPLOPENG	EUR											
Warrant	NL0012074926	ARCM119.26SPLOPENG	EUR											
Warrant	NL0012836670	ARCM119.84SPLOPENG	EUR											
Warrant	NL0012837280	ARCM120.21SPSOPENG	EUR	1,5300	1,5300	1,1400			1,1400					
Warrant	NL0012075170	ARCM120.22SPLOPENG	EUR											
Warrant	NL0012836662	ARCM120.43SPLOPENG	EUR											
Warrant	NL0012834279	ARCM120.82SPLOPENG	EUR											
Warrant	NL0012836654	ARCM121.05SPLOPENG	EUR											
Warrant	NL0012834410	ARCM121.44SPLOPENG	EUR											
Warrant	NL0012835458	ARCM121.45SPLOPENG	EUR											
Warrant	NL0012837165	ARCM121.73SPSOPENG	EUR	3,0500	3,0500	2,6600			2,6600					
Warrant	NL0012834907	ARCM122.08SPLOPENG	EUR											
Warrant	NL0012462741	ARCM122.27SPLOPENG	EUR											
Warrant	DE000CJ3P625	ARCM122.75C 0619Z	EUR	0,1550	0,1750	0,1550			0,1750					
Warrant	NL0012835029	ARCM123.37SPSOPENG	EUR	4,6900	4,6900	4,3000	45,7000	1	4,3000	10				
Warrant	NL0012833800	ARCM123.43SPSOPENG	EUR											
Warrant	NL0012466346	ARCM123.59SPLOPENG	EUR											
Warrant	NL0012823249	ARCM124.25SPLOPENG	EUR											
Warrant	NL0012829766	ARCM124.28SPLOPENG	EUR											
Warrant	NL0012832802	ARCM124.29SPLOPENG	EUR											
Warrant	NL0012825335	ARCM124.95SPLOPENG	EUR											
Warrant	NL0012827711	ARCM124.97SPLOPENG	EUR											
Warrant	NL0012830046	ARCM125.01SPLOPENG	EUR											
Warrant	NL0012833818	ARCM125.13SPSOPENG	EUR	6,4500	6,4500	6,0600			6,0600					
Warrant	NL0012828396	ARCM125.72SPLOPENG	EUR											
Warrant	NL0012830038	ARCM125.76SPLOPENG	EUR											
Warrant	NL0012825749	ARCM126.46SPLOPENG	EUR											
Warrant	NL0012830475	ARCM126.53SPLOPENG	EUR											
Warrant	NL0012831358	ARCM126.53SPLOPENG	EUR											
Warrant	NL0012831788	ARCM127.02SPSOPENG	EUR	8,3400	8,3400	7,9500			7,9500					
Warrant	NL0012829063	ARCM127.17SPSOPENG	EUR											
Warrant	NL0012826291	ARCM127.25SPLOPENG	EUR											
Warrant	NL0012830715	ARCM127.31SPLOPENG	EUR											
Warrant	NL0012830806	ARCM127.32SPLOPENG	EUR											
Warrant	NL0012826879	ARCM129.06SPSOPENG	EUR	10,3700	10,3700	9,9900			9,9900					
Warrant	NL0011618715	ARCM13.446SPSOPENG	EUR											
Warrant	NL0012468250	ARCM131.25SPSOPENG	EUR	12,5600	12,5600	12,1700			12,1700					
Warrant	NL0012468425	ARCM133.44SPSOPENG	EUR	14,7600	14,7600	14,3700			14,3700					
Warrant	NL0012469340	ARCM135.79SPSOPENG	EUR	17,1000	17,1000	16,7100			16,7100					
Warrant	NL0011853544	ARCM15.254SPLOPENG	EUR											
Warrant	NL0011859665	ARCM16.407SPLOPENG	EUR											
Warrant	NL0009235878	ASMI 2.5SPLOPENG	EUR	33,0200	33,4800	33,0200			33,4800					
Warrant	NL0009902311	ASMI 7.1SPLOPENG	EUR	28,7900	29,2500	28,7900			29,2500					
Warrant	NL0009904812	ASMI 9.2SPLOPENG	EUR	26,8000	27,2600	26,8000			27,2600					
Warrant	NL0009905686	ASMI 11.6SPLOPENG	EUR	24,6100	25,0700	24,6100			25,0700					
Warrant	NL0010363289	ASMI 13.3SPLOPENG	EUR	22,9700	23,4300	22,9700			23,4300					
Warrant	NL0010526133	ASMI 15.2SPLOPENG	EUR	21,2400	21,7000	21,2400			21,7000					
Warrant	NL0010599460	ASMI 17.3SPLOPENG	EUR	19,3000	19,7600	19,3000			19,7600					
Warrant	NL0010939054	ASMI 19.5SPLOPENG	EUR	17,2200	17,6800	17,2200			17,6800					
Warrant	NL0011373154	ASMI 21.3SPLOPENG	EUR	15,5100	15,9700	15,5100			15,9700					
Warrant	NL0011475249	ASMI 23.3SPLOPENG	EUR	13,6700	14,1300	13,6700			14,1300					
Warrant	NL0011476593	ASMI 25.4SPLOPENG	EUR	11,7200	12,1800	11,7200			12,1800					
Warrant	NL0011853064	ASMI 27.2SPLOPENG	EUR	10,0100	10,4700	10,0100			10,4700					
Warrant	NL0011855317	ASMI 29.6SPLOPENG	EUR	7,8500	8,3100	7,8500			8,3100					
Warrant	NL0011858295	ASMI 32.1SPLOPENG	EUR	5,5300	5,9900	5,5300			5,9900					
Warrant	NL0012834576	ASMI 34.3SPLOPENG	EUR											
Warrant	NL0012063143	ASMI 34.6SPLOPENG	EUR											
Warrant	NL0012834568	ASMI 36.7SPLOPENG	EUR											
Warrant	NL0012064265	ASMI 37.5SPLOPENG	EUR											
Warrant	NL0012829329	ASMI 40.1SPLOPENG	EUR											
Warrant	NL0012824056	ASMI 40.3SPLOPENG	EUR											
Warrant	NL0012836118	ASMI 40.8SPSOPENG	EUR	9,0600	9,0600	8,5500			8,5500					
Warrant	NL0012831101	ASMI 42.9SPLOPENG	EUR											
Warrant	NL0012826507	ASMI 43.2SPLOPENG	EUR											
Warrant	NL0012836126	ASMI 44.8SPSOPENG	EUR	13,4200	13,4200	12,9100			12,9100					
Warrant	NL0012836134	ASMI 49.3SPSOPENG	EUR	18,2300	18,2300	17,7200			17,7200					



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
Warrant	NL0012063150	ASMI 49.7SPSOPENG	EUR											
Warrant	NL0012465793	ASMI 59.5SPSOPENG	EUR	29,3000	29,3000	28,7900			28,7900					
Warrant	NL0009230580	ASMLH 16SPLOPENG	EUR	128,1000	128,9000	128,1000			128,9000					
Warrant	NL0010344941	ASMLH 46SPLOPENG	EUR	100,2000	101,0500	100,2000			101,0500					
Warrant	NL0012834188	ASMLH 125SPLOPENG	EUR	2,6700	2,7700	2,5900	3752,0000	2	2,7500	1400				
Warrant	NL0012833008	ASMLH 149SPLOPENG	EUR											
Warrant	DE000C3N9A4	ASMLH 150C 0319Z	EUR											
Warrant	DE000C3PIU7	ASMLH 160C 0619Z	EUR											
Warrant	DE000CV895A5	ASMLH 160C 1218Z	EUR											
Warrant	DE000C3N9B2	ASMLH 165C 0319Z	EUR											
Warrant	DE000CV895B3	ASMLH 176C 1218Z	EUR											
Warrant	DE000CV8AZD4	ASMLH 180C 0319Z	EUR											
Warrant	DE000CV8AMG5	ASMLH 200C 0319Z	EUR											
Warrant	NL0006408007	ASMLH 6.6SPLOPENG	EUR	136,7500	137,6000	136,7500			137,6000					
Warrant	NL0012835524	ASMLH 155.SPSOPENG	EUR											
Warrant	NL0012837298	ASMLH 155.SPSOPENG	EUR	1,3900	1,3900	1,3000			1,3000					
Warrant	NL0012830053	ASMLH 156.SPLOPENG	EUR											
Warrant	NL0009370576	ASMLH 17.8SPLOPENG	EUR	126,4500	127,3000	126,4500			127,3000					
Warrant	NL0009904010	ASMLH 28.5SPLOPENG	EUR	116,5000	117,3500	116,5000			117,3500					
Warrant	NL0010090247	ASMLH 34.7SPLOPENG	EUR	110,7500	111,5500	110,7500			111,5500					
Warrant	NL0010102778	ASMLH 36.6SPLOPENG	EUR	108,9000	109,7500	108,9000			109,7500					
Warrant	NL0010213716	ASMLH 42.6SPLOPENG	EUR	103,4000	104,2000	103,4000			104,2000					
Warrant	NL0010345310	ASMLH 49.6SPLOPENG	EUR	96,8000	97,6400	96,8000			97,6400					
Warrant	NL0010359865	ASMLH 53.5SPLOPENG	EUR	93,1600	94,0000	93,1600			94,0000					
Warrant	NL0010694998	ASMLH 56.5SPLOPENG	EUR	90,4100	91,2500	90,4100			91,2500					
Warrant	NL0010744454	ASMLH 59.6SPLOPENG	EUR	87,5600	88,4000	87,5600			88,4000					
Warrant	NL0010757555	ASMLH 62.8SPLOPENG	EUR	84,5500	85,3900	84,5500			85,3900					
Warrant	NL0010757548	ASMLH 66.2SPLOPENG	EUR	81,4100	82,2500	81,4100			82,2500					
Warrant	NL0010830048	ASMLH 69.7SPLOPENG	EUR	78,1000	78,9400	78,1000			78,9400					
Warrant	NL0011619960	ASMLH 71.3SPLOPENG	EUR	72,0200	72,8600	72,0200			72,8600					
Warrant	NL0011621479	ASMLH 77.3SPLOPENG	EUR	71,0600	71,9000	71,0600			71,9000					
Warrant	NL0011844709	ASMLH 81.3SPLOPENG	EUR	67,3300	68,1700	67,3300			68,1700					
Warrant	NL0011848320	ASMLH 85.5SPLOPENG	EUR	63,4100	64,2500	63,4100			64,2500					
Warrant	NL0011859350	ASMLH 89.9SPLOPENG	EUR	59,2900	61,2500	59,2900	122,5000	1	60,1300	2				
Warrant	NL0012063028	ASMLH100.2SPLOPENG	EUR	43,1400	43,9800	43,1400			43,9800					
Warrant	NL0012064273	ASMLH104.5SPLOPENG	EUR	45,7000	46,5400	45,7000			46,5400					
Warrant	NL0012063689	ASMLH105.3SPLOPENG	EUR	38,0100	38,8500	38,0100			38,8500					
Warrant	NL0012068241	ASMLH109.9SPLOPENG	EUR	40,7000	41,5400	40,7000			41,5400					
Warrant	NL0012064083	ASMLH110.7SPLOPENG	EUR	32,9100	35,0000	32,9100	1225,0000	1	33,7500	35				
Warrant	NL0012075857	ASMLH116.3SPLOPENG	EUR	27,3800	30,0000	27,3800	4609,6200	3	28,2200	154				
Warrant	NL0012077325	ASMLH121.3SPLOPENG	EUR	30,0600	30,9000	30,0600			30,9000					
Warrant	NL0012076400	ASMLH122.2SPLOPENG	EUR	21,3400	22,1800	21,3400			22,1800					
Warrant	NL0012079727	ASMLH128.4SPLOPENG	EUR	15,1400	15,9800	15,1400			15,9800					
Warrant	NL0012080808	ASMLH134.9SPLOPENG	EUR	8,5800	10,2000	8,5800	408,0000	1	9,4200	40				
Warrant	NL0012834170	ASMLH136.4SPLOPENG	EUR											
Warrant	NL0012836142	ASMLH136.6SPLOPENG	EUR	1,5900	1,6900	1,5900			1,6900					
Warrant	NL0012463327	ASMLH140.3SPLOPENG	EUR											
Warrant	NL0012836480	ASMLH140.7SPLOPENG	EUR											
Warrant	NL0012461883	ASMLH141.4SPLOPENG	EUR											
Warrant	NL0012832059	ASMLH141.4SPLOPENG	EUR											
Warrant	NL0012834287	ASMLH141.6SPLOPENG	EUR											
Warrant	NL0012836696	ASMLH141.7SPLOPENG	EUR											
Warrant	NL0012832729	ASMLH144.6SPLOPENG	EUR											
Warrant	NL0012835151	ASMLH144.8SPLOPENG	EUR											
Warrant	NL0012474662	ASMLH147.4SPLOPENG	EUR											
Warrant	NL0012473524	ASMLH148.5SPLOPENG	EUR											
Warrant	NL0012832828	ASMLH148.5SPLOPENG	EUR											
Warrant	NL0012834915	ASMLH148.6SPLOPENG	EUR											
Warrant	NL0012836688	ASMLH148.8SPLOPENG	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	NL0012833826	ASMLH155.3SPSOPENG	EUR											
Warrant	NL0012832067	ASMLH155.6SPSOPENG	EUR											
Warrant	NL0012837413	ASMLH155.8SPSOPENG	EUR	2,6100	2,6100	2,5100			2,5100					
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											



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012819353	ASMLH162.45PLOPENG	EUR											
Warrant	NL0012832737	ASMLH165.85PSOPENG	EUR	3,7400	3,7400	3,6500			3,6500					
Warrant	NL0012829071	ASMLH166.65PSOPENG	EUR	2,5600	2,5600	2,4600			2,4600					
Warrant	NL0012824015	ASMLH167.15PLOPENG	EUR											
Warrant	NL0012824460	ASMLH170.35PLOPENG	EUR											
Warrant	NL0012828222	ASMLH170.55PLOPENG	EUR											
Warrant	NL0012824742	ASMLH175.35PLOPENG	EUR											
Warrant	NL0012832265	ASMLH176.45PSOPENG	EUR	4,8300	4,8300	4,7300			4,7300					
Warrant	NL0012824940	ASMLH178.85PLOPENG	EUR											
Warrant	NL0012829089	ASMLH179.25PSOPENG	EUR	3,8100	3,8100	3,7200			3,7200					
Warrant	NL0012475669	ASMLH192.75PSOPENG	EUR	5,1600	5,1600	4,9900	2170,6500	1	5,0700	435				
Warrant	NL0012476725	ASMLH199.65PSOPENG	EUR	7,3500	7,3500	7,2600			7,2600					
Warrant	NL0012477863	ASMLH206.35PSOPENG	EUR	6,5200	6,5200	6,4300			6,4300					
Warrant	NL0012825343	ASMLH220.75PSOPENG	EUR	7,9700	7,9700	7,8700			7,8700					
Warrant	NL0010587879	ASMLH54.885PLOPENG	EUR	88,4300	89,2700	88,4300			89,2700					
Warrant	NL0010746038	ASMLH60.985PLOPENG	EUR	82,3300	83,1700	82,3300			83,1700					
Warrant	NL0010757704	ASMLH64.275PLOPENG	EUR	79,0600	79,9000	79,0600			79,9000					
Warrant	NL0010759478	ASMLH67.715PLOPENG	EUR	75,5500	76,3900	75,5500			76,3900					
Warrant	NL0011620752	ASMLH75.075PLOPENG	EUR	68,2500	69,0900	68,2500			69,0900					
Warrant	NL0011622642	ASMLH79.035PLOPENG	EUR	64,2900	65,1300	64,2900			65,1300					
Warrant	NL0011845177	ASMLH83.125PLOPENG	EUR	60,2000	61,0400	60,2000			61,0400					
Warrant	NL0011848965	ASMLH86.145PLOPENG	EUR	57,2000	58,0400	57,2000			58,0400					
Warrant	NL0011854591	ASMLH90.595PLOPENG	EUR	52,7400	53,5800	52,7400			53,5800					
Warrant	NL0011863022	ASMLH95.265PLOPENG	EUR	48,1000	48,9400	48,1000			48,9400					
Warrant	NL0012823140	ASRNL 33SPLOPENG	EUR	3,9500	3,9500	3,7300			3,7300					
Warrant	NL0012823694	ASRNL 28.65PLOPENG	EUR	8,0500	8,0500	7,8300			7,8300					
Warrant	NL0012479356	ASRNL 30.85PLOPENG	EUR	6,0100	6,0100	5,7900			5,7900					
Warrant	NL0012826580	ASRNL 35.45PLOPENG	EUR											
Warrant	NL0012829584	ASRNL 37.95PLOPENG	EUR											
Warrant	NL0012479604	ASRNL 42.35PSOPENG	EUR											
Warrant	NL0012479380	ASRNL29.05SPLOPENG	EUR	5,7400	5,7400	5,5200			5,5200					
Warrant	NL0012479372	ASRNL30.57SPLOPENG	EUR	4,2200	4,2200	4,0000	2057,5000	4	4,0000	500				
Warrant	NL0012479489	ASRNL32.23SPLOPENG	EUR	2,5700	2,5700	2,3500			2,3500					
Warrant	NL0012823389	ASRNL33.89SPLOPENG	EUR	0,9100	0,9100	0,6900			0,6900					
Warrant	NL0012825061	ASRNL35.61SPLOPENG	EUR											
Warrant	NL0012828412	ASRNL37.43SPLOPENG	EUR											
Warrant	NL0012837389	ASRNL37.745PSOPENG	EUR	3,3200	3,5300	3,3200			3,5300					
Warrant	NL0012823397	ASRNL38.295PSOPENG	EUR											
Warrant	NL0012828701	ASRNL39.22SPLOPENG	EUR											
Warrant	NL0012833222	ASRNL39.22SPLOPENG	EUR											
Warrant	NL0012835375	ASRNL39.285PLOPENG	EUR											
Warrant	NL0012479398	ASRNL40.45SPSOPENG	EUR											
Warrant	NL0012836027	ASRNL40.595PSOPENG	EUR	6,1800	6,3500	6,1800			6,3500					
Warrant	NL0012828719	ASRNL43.665PSOPENG	EUR	9,2500	9,4200	9,2500			9,4200					
Warrant	NL0010744041	ASTRA 2455SPLOPENG	EUR	42,1400	43,2300	42,1400			43,2300					
Warrant	NL0010818720	BABAK 56.15PLOPENG	EUR	90,5500	90,5500	90,5500			90,5500					
Warrant	NL0010818712	BABAK 61.75PLOPENG	EUR	86,1100	86,1100	86,1100			86,1100					
Warrant	NL0010953105	BAM 25PLOPENG	EUR	0,6400	0,6900	0,6400			0,6900					
Warrant	DE000CV895D9	BAM 4C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0010824660	BAM 1.25PLOPENG	EUR	1,3300	1,3900	1,3300	1529,0000	1	1,3800	1100				
Warrant	NL0009885433	BAM 1.45PLOPENG	EUR	1,2200	1,2800	1,2200			1,2800					
Warrant	NL0010759189	BAM 1.55PLOPENG	EUR	1,1200	1,1800	1,1200			1,1800					
Warrant	NL0010830055	BAM 1.65PLOPENG	EUR	1,0200	1,0700	1,0200			1,0700					
Warrant	NL0010944419	BAM 1.75PLOPENG	EUR	0,9200	0,9800	0,9200			0,9800					
Warrant	NL0010944401	BAM 1.95PLOPENG	EUR	0,7700	0,8300	0,7700			0,8300					
Warrant	NL0011011044	BAM 2.25PLOPENG	EUR	0,4800	0,5300	0,4800			0,5300					
Warrant	NL0011018114	BAM 2.35PLOPENG	EUR	0,3200	0,3800	0,3200			0,3800					
Warrant	NL0011018882	BAM 2.55PLOPENG	EUR											
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 3.45PSOPENG	EUR	1,4900	1,4900	1,4300			1,4300					
Warrant	DE000CV895C1	BAM 3.6C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0012827919	BAM 3.65PLOPENG	EUR											
Warrant	NL0012822977	BAM 3.85PSOPENG	EUR											
Warrant	NL0012832299	BAM 3.85PSOPENG	EUR	1,8800	1,8800	1,8200			1,8200					
Warrant	NL0011373931	BAM 4.25PLOPENG	EUR											
Warrant	NL0012821433	BAM 4.25PSOPENG	EUR	2,3100	2,3100	2,2500			2,2500					
Warrant	NL0011619705	BAM 4.55PLOPENG	EUR											
Warrant	NL0012465074	BAM 4.65PSOPENG	EUR	2,7800	2,7800	2,7200			2,7200					
Warrant	NL0012462261	BAM 5.15PSOPENG	EUR	3,3000	3,3000	3,2400			3,2400					



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
Warrant	NL0011494000	BAM 5.6SPSOPENG	EUR	3,8900	3,8900	3,8300			3,8300					
Warrant	NL0012837306	BAM 2.189SPLOPENG	EUR	0,3300	0,4100	0,3300	779,0000	1	0,3800	1900				
Warrant	NL0011847124	BAM 2.527SPLOPENG	EUR											
Warrant	NL0011844642	BAM 2.728SPLOPENG	EUR											
Warrant	NL0011847561	BAM 2.929SPLOPENG	EUR											
Warrant	NL0011847934	BAM 3.148SPLOPENG	EUR											
Warrant	NL0012837314	BAM 3.297SPSOPENG	EUR	1,0000	1,0000	0,9400			0,9400					
Warrant	NL0012823728	BAM 3.364SPLOPENG	EUR											
Warrant	NL0012828123	BAM 3.599SPLOPENG	EUR											
Warrant	NL0012832075	BAM 3.879SPSOPENG	EUR	1,5800	1,5800	1,5300			1,5300					
Warrant	NL0012467005	BAM 4.565SPSOPENG	EUR	2,2700	2,2700	2,2100			2,2100					
Warrant	NL0012067375	BAM 5.389SPSOPENG	EUR	3,0900	3,0900	3,0400			3,0400					
Warrant	DE000CV8B0E9	BAYER 119C 0619Z	EUR											
Warrant	DE000CV8B0F6	BAYER 119C 0620Z	EUR											
Warrant	NL0012833073	BEKB 12SPLOPENG	EUR	10,6000	10,6200	10,6000			10,6200					
Warrant	NL0012833065	BEKB 14SPLOPENG	EUR	8,7900	8,8100	8,7900			8,8100					
Warrant	DE000CJ3PIV5	BEKB 18C 0319Z	EUR	0,7800	0,7800	0,7800			0,7800					
Warrant	DE000CJ3N0D8	BEKB 20C 0319Z	EUR	0,5000	0,5000	0,5000			0,5000					
Warrant	DE000CV8AY17	BEKB 22C 1218Z	EUR	0,0860	0,0860	0,0860			0,0860					
Warrant	NL0012835326	BEKB 22SPSOPENG	EUR											
Warrant	DE000CV8AMH3	BEKB 24C 1218Z	EUR	0,0210	0,0210	0,0210			0,0210					
Warrant	DE000CV8AMK7	BEKB 25C 0319Z	EUR	0,1150	0,1150	0,1150			0,1150					
Warrant	DE000CV8AMJ9	BEKB 26C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV895E7	BEKB 30C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0012832745	BEKB 16.1SPLOPENG	EUR	6,8800	6,9000	6,8800			6,9000					
Warrant	NL0012825244	BEKB 17.3SPLOPENG	EUR	5,7900	5,8100	5,7900			5,8100					
Warrant	NL0010357554	BEKB 18.5SPLOPENG	EUR											
Warrant	NL0012835318	BEKB 18.5SPLOPENG	EUR	4,6900	4,7100	4,6900			4,7100					
Warrant	DE000CJ3N9C0	BEKB 19.5C 1218Z	EUR	0,4100	0,4100	0,4100			0,4100					
Warrant	NL0012833099	BEKB 20.1SPSOPENG	EUR											
Warrant	NL0010830170	BEKB 20.5SPLOPENG	EUR											
Warrant	NL0012837009	BEKB 21.2SPLOPENG	EUR											
Warrant	NL0012826184	BEKB 21.9SPLOPENG	EUR											
Warrant	NL0012481451	BEKB 35.3SPSOPENG	EUR	18,0400	18,0400	17,9800			17,9800					
Warrant	NL0012068308	BEKB 47.3SPSOPENG	EUR											
Warrant	NL0006429011	BEL20 990SPLOPENG	EUR	23,6000	23,9100	23,6000			23,9100					
Warrant	NL0009107945	BEL20 1300SPLOPENG	EUR	20,6500	20,9500	20,6500			20,9500					
Warrant	NL0010098224	BEL20 1570SPLOPENG	EUR	18,0400	18,3500	18,0400			18,3500					
Warrant	NL0010086070	BEL20 1690SPLOPENG	EUR	16,9500	17,2600	16,9500			17,2600					
Warrant	NL0010204434	BEL20 1810SPLOPENG	EUR	15,7900	16,1000	15,7900			16,1000					
Warrant	NL0010216784	BEL20 1930SPLOPENG	EUR	14,5900	14,8900	14,5900			14,8900					
Warrant	NL0010346110	BEL20 2060SPLOPENG	EUR	13,3000	13,6100	13,3000			13,6100					
Warrant	NL0010526000	BEL20 2190SPLOPENG	EUR	12,0400	12,3500	12,0400			12,3500					
Warrant	NL0010530390	BEL20 2330SPLOPENG	EUR	10,7000	11,0100	10,7000			11,0100					
Warrant	NL0010540662	BEL20 2420SPLOPENG	EUR	9,8600	10,1700	9,8600			10,1700					
Warrant	NL0010596409	BEL20 2510SPLOPENG	EUR	9,0000	9,3100	9,0000			9,3100					
Warrant	NL0010829651	BEL20 2600SPLOPENG	EUR	8,1400	8,4500	8,1400			8,4500					
Warrant	NL0010938973	BEL20 2690SPLOPENG	EUR	7,2500	7,5600	7,2500			7,5600					
Warrant	NL0010941043	BEL20 2780SPLOPENG	EUR	6,3400	6,6500	6,3400			6,6500					
Warrant	NL0010960274	BEL20 2880SPLOPENG	EUR	5,4000	5,7100	5,4000			5,7100					
Warrant	NL0011844964	BEL20 2980SPLOPENG	EUR	4,4900	4,8000	4,4900			4,8000					
Warrant	NL0011848098	BEL20 3070SPLOPENG	EUR	3,5500	3,8600	3,5500			3,8600					
Warrant	NL0011849070	BEL20 3170SPLOPENG	EUR	2,5800	2,8900	2,5800			2,8900					
Warrant	NL0012061998	BEL20 3280SPLOPENG	EUR	1,5900	1,9000	1,5900			1,9000					
Warrant	NL0012063572	BEL20 3400SPLOPENG	EUR											
Warrant	NL0012067789	BEL20 3510SPLOPENG	EUR											
Warrant	NL0012837876	BEL20 3540SPSOPENG	EUR	3,6500	3,6500	3,3500			3,3500					
Warrant	NL0012070692	BEL20 3620SPLOPENG	EUR											
Warrant	NL0012826275	BEL20 3720SPLOPENG	EUR											
Warrant	NL0012837884	BEL20 3760SPSOPENG	EUR	5,9600	5,9600	5,6500			5,6500					
Warrant	NL0012475933	BEL20 3880SPSOPENG	EUR	7,1700	7,1700	6,8600			6,8600					
Warrant	NL0012071450	BEL20 4010SPSOPENG	EUR	8,4500	8,4500	8,1400	5775,0000	1	8,1400	700				
Warrant	NL0012074835	BEL20 4130SPSOPENG	EUR	9,7400	9,7400	9,4300			9,4300					
Warrant	NL0012077119	BEL20 4260SPSOPENG	EUR	11,0700	11,0700	10,7600			10,7600					
Warrant	NL0012475941	BEL20 4390SPSOPENG	EUR	12,4300	12,4300	12,1200			12,1200					
Warrant	NL0010684486	BERKS#####SLOPENG	EUR	10,3900	10,3900	10,3900			10,3900					
Warrant	NL0010348835	BERKS#####SLOPENG	EUR	13,1100	13,1100	13,1100			13,1100					
Warrant	NL0009105741	BERKS#####SLOPENG	EUR	18,2100	18,2100	18,2100			18,2100					
Warrant	NL0011625942	BERKS#####SLOPENG	EUR	9,1800	9,1800	9,1800			9,1800					
Warrant	NL0012826556	BESI 19SPLOPENG	EUR											
Warrant	NL0012823124	BESI 27SPSOPENG	EUR	12,5200	12,5200	12,1200			12,1200					
Warrant	NL0011627864	BESI 7.7SPLOPENG	EUR	21,5900	22,1200	21,5900			22,1200					



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
Warrant	NL0011847520	BESI 8.5SPLOPENG	EUR	20,1700	20,7000	20,1700			20,7000					
Warrant	NL0011853296	BESI 10.3SPLOPENG	EUR	16,9900	17,5100	16,9900			17,5100					
Warrant	NL0011859483	BESI 11.2SPLOPENG	EUR	15,2300	15,9200	15,2300	1050,7200	1	15,7500	66				
Warrant	NL0012063291	BESI 13.4SPLOPENG	EUR	11,3300	11,8600	11,3300			11,8600					
Warrant	NL0012834238	BESI 14.3SPLOPENG	EUR	4,8500	5,4000	4,8500	270,0000	1	5,1200	50				
Warrant	NL0012067169	BESI 14.5SPLOPENG	EUR											
Warrant	NL0012834220	BESI 15.3SPLOPENG	EUR	3,9400	4,2000	3,9400			4,2000					
Warrant	NL0012826226	BESI 15.5SPLOPENG	EUR											
Warrant	NL0012834212	BESI 16.4SPLOPENG	EUR	2,9600	3,2200	2,9600			3,2200					
Warrant	NL0012833107	BESI 16.6SPLOPENG	EUR											
Warrant	NL0012826218	BESI 16.6SPLOPENG	EUR											
Warrant	NL0012829535	BESI 16.6SPLOPENG	EUR											
Warrant	NL0012834618	BESI 17.5SPLOPENG	EUR											
Warrant	NL0012835805	BESI 17.5SPLOPENG	EUR											
Warrant	NL0012827505	BESI 17.8SPLOPENG	EUR											
Warrant	NL0012826200	BESI 17.8SPLOPENG	EUR											
Warrant	NL0012830426	BESI 17.8SPLOPENG	EUR											
Warrant	NL0012831242	BESI 17.8SPLOPENG	EUR											
Warrant	NL0012833792	BESI 18.5SPSOPENG	EUR											
Warrant	NL0012832380	BESI 18.5SPSOPENG	EUR											
Warrant	NL0012829543	BESI 18.6SPSOPENG	EUR											
Warrant	NL0012837017	BESI 18.8SPLOPENG	EUR											
Warrant	NL0012834600	BESI 18.8SPLOPENG	EUR											
Warrant	NL0012836258	BESI 18.8SPLOPENG	EUR											
Warrant	NL0012835813	BESI 20.3SPSOPENG	EUR	5,1000	5,1000	4,7000			4,7000					
Warrant	NL0012827513	BESI 20.4SPSOPENG	EUR											
Warrant	NL0012826564	BESI 22.3SPSOPENG	EUR	7,3400	7,3400	6,9400			6,9400					
Warrant	NL0012823116	BESI 24.6SPSOPENG	EUR	9,8000	9,8000	9,4100			9,4100					
Warrant	NL0012820021	BESI 32.6SPSOPENG	EUR	18,7700	18,7700	18,3700			18,3700					
Warrant	NL0012475222	BINCK 4SPLOPENG	EUR	0,9200	0,9200	0,9200			0,9200					
Warrant	NL0011846852	BINCK 2.9SPLOPENG	EUR	1,9300	1,9300	1,9300			1,9300					
Warrant	NL0011844774	BINCK 3.2SPLOPENG	EUR	1,7100	1,7100	1,7100			1,7100					
Warrant	NL0011631437	BINCK 3.5SPLOPENG	EUR	1,4300	1,4300	1,4300			1,4300					
Warrant	NL0012468011	BINCK 3.7SPLOPENG	EUR	1,1900	1,1900	1,1900			1,1900					
Warrant	NL0012821466	BINCK 4.3SPLOPENG	EUR											
Warrant	NL0012823025	BINCK 4.6SPLOPENG	EUR											
Warrant	NL0012833743	BINCK 4.8SPSOPENG	EUR	0,9500	0,9500	0,9500			0,9500					
Warrant	NL0012826135	BINCK 4.9SPLOPENG	EUR											
Warrant	NL0012827240	BINCK 5.3SPLOPENG	EUR											
Warrant	NL0012833750	BINCK 5.8SPSOPENG	EUR	2,0700	2,0700	2,0700			2,0700					
Warrant	NL0012826143	BINCK 5.8SPSOPENG	EUR											
Warrant	NL0011621545	BINCK 6.4SPSOPENG	EUR	2,7200	2,7200	2,7200			2,7200					
Warrant	NL0010601662	BINCK 7.9SPSOPENG	EUR	4,3900	4,3900	4,3900			4,3900					
Warrant	NL0010750733	BINCK 8.7SPSOPENG	EUR	5,3000	5,3000	5,3000			5,3000					
Warrant	NL0010464160	BMW 46.4SPLOPENG	EUR	27,2800	28,5400	27,2800			28,5400					
Warrant	NL0010464152	BMW 50.3SPLOPENG	EUR	23,6100	24,8700	23,6100			24,8700					
Warrant	NL0010463931	BMW 54.5SPLOPENG	EUR	19,7300	20,9900	19,7300			20,9900					
Warrant	NL0010526398	BMW 58.7SPLOPENG	EUR	15,8100	17,0700	15,8100			17,0700					
Warrant	NL0011848882	BMW 63.3SPLOPENG	EUR	11,5400	12,8000	11,5400			12,8000					
Warrant	NL0011860465	BMW 68.2SPLOPENG	EUR	6,9700	8,2300	6,9700			8,2300					
Warrant	NL0011860622	BMW 73.2SPLOPENG	EUR											
Warrant	NL0012829816	BMW 80.6SPLOPENG	EUR											
Warrant	NL0012837843	BMW 63.05SPLOPENG	EUR	7,4000	8,6600	7,4000			8,6600					
Warrant	NL0012833560	BMW 66.36SPLOPENG	EUR	4,1000	5,3600	4,1000			5,3600					
Warrant	NL0012822365	BMW 69.84SPLOPENG	EUR											
Warrant	NL0012822746	BMW 73.17SPLOPENG	EUR											
Warrant	NL0012823355	BMW 76.75SPLOPENG	EUR											
Warrant	NL0012825822	BMW 80.41SPLOPENG	EUR											
Warrant	NL0012826408	BMW 80.52SPLOPENG	EUR											
Warrant	NL0012828156	BMW 86.57SPSOPENG	EUR											
Warrant	NL0010464095	BNP 28SPLOPENG	EUR	15,1900	15,3900	15,1900			15,3900					
Warrant	NL0010465993	BNP 25.3SPLOPENG	EUR	17,6400	17,8500	17,6400			17,8500					
Warrant	NL0010463915	BNP 30.9SPLOPENG	EUR											
Warrant	NL0011851936	BNP 37.7SPLOPENG	EUR	6,3300	6,5300	6,3300			6,5300					
Warrant	NL0012829501	BNP 44.7SPLOPENG	EUR											
Warrant	NL0012829493	BNP 48.7SPLOPENG	EUR											
Warrant	NL0012068290	BNP 50.2SPLOPENG	EUR											
Warrant	NL0009113430	BOSKA 9.9SPLOPENG	EUR	11,8800	11,8800	11,8300			11,8300					
Warrant	NL0009233519	BOSKA 12.4SPLOPENG	EUR	9,5900	9,5900	9,5400			9,5400					
Warrant	NL0009903947	BOSKA 17.1SPLOPENG	EUR	5,1900	5,1900	4,8500	592,0000	2	5,1400	120				
Warrant	NL0010202545	BOSKA 19.8SPLOPENG	EUR	2,7200	2,7200	2,6700			2,6700					
Warrant	NL0010207015	BOSKA 21.8SPLOPENG	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	NL0012821045	BOSKA 23.25PLOPENG	EUR											
Warrant	NL0012827968	BOSKA 23.35PLOPENG	EUR											
Warrant	NL0012821151	BOSKA 23.95PLOPENG	EUR											
Warrant	NL0012829477	BOSKA 24.85PLOPENG	EUR											
Warrant	NL0012824114	BOSKA 24.85PLOPENG	EUR											
Warrant	NL0012831226	BOSKA 26.65PLOPENG	EUR											
Warrant	NL0012476758	BOSKA 27.45PSPOPENG	EUR											
Warrant	NL0010543013	BOSKA 30.85PLOPENG	EUR											
Warrant	NL0011615349	BOSKA 33.15PSPOPENG	EUR	14,9300	14,9900	14,9300			14,9900					
Warrant	NL0011615356	BOSKA 36.75PSPOPENG	EUR	18,8200	18,8800	18,8200			18,8800					
Warrant	NL0011360664	BOSKA 40.75PSPOPENG	EUR	23,0900	23,1500	23,0900			23,1500					
Warrant	NL0012478861	BOSKA19.39SPLOPENG	EUR	1,8100	1,8100	1,6500	156,7500	1	1,7600	95				
Warrant	NL0012477509	BOSKA20.92SPLOPENG	EUR											
Warrant	NL0012479950	BOSKA22.45SPLOPENG	EUR											
Warrant	NL0012827737	BOSKA23.97SPLOPENG	EUR											
Warrant	NL0012835045	BOSKA24.04SPLOPENG	EUR											
Warrant	NL0012826358	BOSKA25.58SPLOPENG	EUR											
Warrant	NL0012830103	BOSKA25.66SPLOPENG	EUR											
Warrant	NL0012833917	BOSKA27.41SPSPOPENG	EUR	6,6600	6,7200	6,6600			6,7200					
Warrant	NL0012821557	BOSKA27.55SPSPOPENG	EUR											
Warrant	NL0012476659	BOSKA30.12SPSPOPENG	EUR	9,3700	9,4300	9,3700			9,4300					
Warrant	NL0011631072	BOSKA33.21SPSPOPENG	EUR	12,4500	12,5100	12,4500			12,5100					
Warrant	NL0009616531	BP 202SPLOPENG	EUR	3,6700	3,7300	3,6700			3,7300					
Warrant	DE000C3QE8	BPOST 10C 0319Z	EUR											
Warrant	DE000CV8AML5	BPOST 14C 0319Z	EUR											
Warrant	DE000C3PIW3	BPOST 15C 0619Z	EUR											
Warrant	DE000CV895L2	BPOST 15C 1218Z	EUR											
Warrant	DE000CV8ASQ1	BPOST 16C 0319Z	EUR											
Warrant	DE000C3QEB6	BPOST 10.5C 0619Z	EUR											
Warrant	DE000C3P604	BPOST 12.5C 0319Z	EUR											
Warrant	DE000C3P612	BPOST 12.5C 0619Z	EUR											
Warrant	DE000CV895K4	BPOST 13.5C 1218Z	EUR											
Warrant	NL0012077168	BRENT 48SPLOPENG	EUR	12,6300	12,8400	12,6300			12,8400					
Warrant	NL0012464085	BRENT 56SPLOPENG	EUR	5,9800	6,1500	5,9800			6,1500					
Warrant	NL0012835656	BRENT 65SPLOPENG	EUR											
Warrant	NL0012827646	BRENT 71SPLOPENG	EUR											
Warrant	NL0012822530	BRENT 80SPSPOPENG	EUR											
Warrant	NL0011492590	BRENT 28.75PSPLOPENG	EUR	28,8900	29,1700	28,8900			29,1700					
Warrant	NL0011492350	BRENT 29.45PSPLOPENG	EUR	28,3100	28,5900	28,3100			28,5900					
Warrant	NL0011491071	BRENT 31.55PSPLOPENG	EUR	26,5200	26,7900	26,5200			26,7900					
Warrant	NL0011490321	BRENT 33.85PSPLOPENG	EUR	24,5600	24,8200	24,5600			24,8200					
Warrant	NL0011489356	BRENT 34.65PSPLOPENG	EUR	23,8800	24,1300	23,8800			24,1300					
Warrant	NL0011619655	BRENT 37.35PSPLOPENG	EUR	21,6500	21,9000	21,6500			21,9000					
Warrant	NL0011620216	BRENT 38.25PSPLOPENG	EUR	20,8600	21,1000	20,8600			21,1000					
Warrant	NL0011622634	BRENT 40.25PSPLOPENG	EUR	19,1800	19,4100	19,1800			19,4100					
Warrant	NL0011623616	BRENT 41.35PSPLOPENG	EUR	18,5300	18,5300	18,5300			18,5300					
Warrant	NL0011624176	BRENT 42.45PSPLOPENG	EUR	17,3900	17,6200	17,3900			17,6200					
Warrant	NL0012075816	BRENT 45.15PSPLOPENG	EUR	15,0900	15,3000	15,0900			15,3000					
Warrant	NL0012077036	BRENT 46.65PSPLOPENG	EUR	13,8800	14,0900	13,8800			14,0900					
Warrant	NL0012080360	BRENT 49.65PSPLOPENG	EUR	11,3500	11,5500	11,3500			11,5500					
Warrant	NL0012080527	BRENT 51.15PSPLOPENG	EUR	10,0400	10,2300	10,0400			10,2300					
Warrant	NL0012080642	BRENT 52.85PSPLOPENG	EUR	8,6900	8,8700	8,6900			8,8700					
Warrant	NL0012463772	BRENT 54.35PSPLOPENG	EUR	7,4100	7,5900	7,4100			7,5900					
Warrant	NL0012463020	BRENT 54.85PSPLOPENG	EUR	4,8300	4,9900	4,8300			4,9900					
Warrant	NL0012836373	BRENT 57.75PSPLOPENG	EUR	4,5600	4,7300	4,5600			4,7300					
Warrant	NL0012465371	BRENT 59.35PSPLOPENG	EUR											
Warrant	NL0012473011	BRENT 61.15PSPLOPENG	EUR											
Warrant	NL0012837496	BRENT 62.15PSPOPENG	EUR											
Warrant	NL0012836381	BRENT 62.15PSPOPENG	EUR											
Warrant	NL0012836209	BRENT 64.75PSPOPENG	EUR	7,2100	7,2100	7,0900			7,0900					
Warrant	NL0012477251	BRENT 64.95PSPLOPENG	EUR											
Warrant	NL0012836084	BRENT 67.45PSPOPENG	EUR	9,7100	9,7100	9,6000			9,6000					
Warrant	NL0012479687	BRENT 68.95PSPLOPENG	EUR											
Warrant	NL0012835664	BRENT 70.35PSPOPENG	EUR	12,3100	12,3100	12,2200			12,2200					
Warrant	NL0012480537	BRENT 70.95PSPLOPENG	EUR											
Warrant	NL0012827315	BRENT 72.85PSPOPENG	EUR											
Warrant	NL0012826085	BRENT 73.15PSPLOPENG	EUR											
Warrant	NL0012828339	BRENT 73.15PSPLOPENG	EUR											
Warrant	NL0012829667	BRENT 75.25PSPLOPENG	EUR											
Warrant	NL0012828651	BRENT 75.75PSPLOPENG	EUR											
Warrant	NL0012831069	BRENT 77.55PSPLOPENG	EUR											
Warrant	NL0012826994	BRENT 77.55PSPOPENG	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	NL0012831051	BRENT 79.8SPLOPENG	EUR											
Warrant	NL0012831499	BRENT 82.2SPLOPENG	EUR											
Warrant	NL0012832042	BRENT 82.7SPLOPENG	EUR		23,8600	23,8600	23,8300		23,8300					
Warrant	NL0012820252	BRENT 83.4SPLOPENG	EUR											
Warrant	NL0012827653	BRENT 86.7SPLOPENG	EUR											
Warrant	NL0011492566	BRENT30.37SPLOPENG	EUR	26,3000	26,5700	26,3000			26,5700					
Warrant	NL0011491212	BRENT32.24SPLOPENG	EUR	24,6600	24,9200	24,6600			24,9200					
Warrant	NL0011490891	BRENT32.89SPLOPENG	EUR	24,0900	24,3500	24,0900			24,3500					
Warrant	NL0011490628	BRENT34.23SPLOPENG	EUR	22,9000	23,1600	22,9000			23,1600					
Warrant	NL0011489448	BRENT34.93SPLOPENG	EUR	22,2900	22,5400	22,2900			22,5400					
Warrant	NL0011492699	BRENT36.42SPLOPENG	EUR	20,9800	21,2200	20,9800			21,2200					
Warrant	NL0011493879	BRENT37.19SPLOPENG	EUR	20,3100	20,5500	20,3100			20,5500					
Warrant	NL0011618814	BRENT37.98SPLOPENG	EUR	19,6000	19,8400	19,6000			19,8400					
Warrant	NL0011620182	BRENT38.81SPLOPENG	EUR	18,8700	19,1100	18,8700			19,1100					
Warrant	NL0011621198	BRENT39.66SPLOPENG	EUR	18,1300	18,3600	18,1300			18,3600					
Warrant	NL0011622246	BRENT40.54SPLOPENG	EUR	17,3500	17,5800	17,3500			17,5800					
Warrant	NL0011622238	BRENT41.43SPLOPENG	EUR	16,5700	16,7900	16,5700			16,7900					
Warrant	NL0011623269	BRENT42.36SPLOPENG	EUR	15,8000	16,0100	15,8000			16,0100					
Warrant	NL0011623939	BRENT43.29SPLOPENG	EUR	14,9600	15,1700	14,9600			15,1700					
Warrant	NL0012074975	BRENT44.44SPLOPENG	EUR	13,9500	14,1600	13,9500			14,1600					
Warrant	NL0012075840	BRENT45.63SPLOPENG	EUR	12,8800	13,0900	12,8800			13,0900					
Warrant	NL0012077077	BRENT46.85SPLOPENG	EUR	11,8300	12,0300	11,8300			12,0300					
Warrant	NL0012077069	BRENT48.09SPLOPENG	EUR	10,7800	10,9700	10,7800			10,9700					
Warrant	NL0012079263	BRENT49.37SPLOPENG	EUR	9,6500	10,4800	9,6500	10,4800	1	9,8400		1			
Warrant	NL0012079511	BRENT50.67SPLOPENG	EUR	8,4300	8,6100	8,3900	377,5500	1	8,6100		45			
Warrant	NL0012080576	BRENT52.02SPLOPENG	EUR	7,2700	7,4600	7,2700			7,4600					
Warrant	NL0012081343	BRENT53.39SPLOPENG	EUR	6,0800	7,0000	6,0000	2311,0400	4	6,2500		365			
Warrant	NL0012463996	BRENT56.24SPLOPENG	EUR	3,5500	4,3300	3,5500	1708,6500	3	3,7300		407			
Warrant	NL0012464184	BRENT57.72SPLOPENG	EUR	2,2300	2,6200	2,2300	982,5000	1	2,3800		375			
Warrant	NL0012464994	BRENT59.06SPLOPENG	EUR											
Warrant	NL0012836803	BRENT59.15SPLOPENG	EUR											
Warrant	NL0012467401	BRENT60.61SPLOPENG	EUR											
Warrant	NL0012837132	BRENT60.64SPLOPENG	EUR											
Warrant	NL0012473490	BRENT62.15SPLOPENG	EUR											
Warrant	NL0012837801	BRENT62.38SPLOPENG	EUR											
Warrant	NL0012836563	BRENT62.41SPLOPENG	EUR											
Warrant	NL0012477434	BRENT63.73SPLOPENG	EUR											
Warrant	NL0012836316	BRENT63.99SPLOPENG	EUR	3,6900	3,9000	3,5800	10848,0000	2	3,5800		2800			
Warrant	NL0012477426	BRENT65.31SPLOPENG	EUR											
Warrant	NL0012478408	BRENT66.97SPLOPENG	EUR											
Warrant	NL0012835888	BRENT67.33SPLOPENG	EUR	6,6600	6,6600	6,5400			6,5400					
Warrant	NL0012479406	BRENT68.67SPLOPENG	EUR											
Warrant	NL0012835615	BRENT69.06SPLOPENG	EUR	8,1900	8,1900	8,0800			8,0800					
Warrant	NL0012479745	BRENT70.35SPLOPENG	EUR											
Warrant	NL0012827497	BRENT70.38SPLOPENG	EUR											
Warrant	NL0012835623	BRENT70.84SPLOPENG	EUR	9,7500	9,7500	9,6500			9,6500					
Warrant	NL0012825079	BRENT72.05SPLOPENG	EUR											
Warrant	NL0012826457	BRENT72.09SPLOPENG	EUR											
Warrant	NL0012828099	BRENT72.16SPLOPENG	EUR											
Warrant	NL0012835631	BRENT72.66SPLOPENG	EUR	11,3500	11,3500	11,2600			11,2600					
Warrant	NL0012826093	BRENT73.87SPLOPENG	EUR											
Warrant	NL0012828271	BRENT73.96SPLOPENG	EUR											
Warrant	NL0012826804	BRENT74.67SPLOPENG	EUR											
Warrant	NL0012829618	BRENT75.77SPLOPENG	EUR											
Warrant	NL0012828677	BRENT76.16SPLOPENG	EUR											
Warrant	NL0012835649	BRENT76.45SPLOPENG	EUR	14,6800	14,6800	14,6000			14,6000					
Warrant	NL0012825293	BRENT76.86SPLOPENG	EUR											
Warrant	NL0012830780	BRENT77.69SPLOPENG	EUR											
Warrant	NL0012833982	BRENT78.41SPLOPENG	EUR	16,4100	16,4100	16,3400			16,3400					
Warrant	NL0012828792	BRENT78.75SPLOPENG	EUR											
Warrant	NL0012823975	BRENT78.79SPLOPENG	EUR											
Warrant	NL0012830962	BRENT79.59SPLOPENG	EUR											
Warrant	NL0012470728	BRENT80.11SPLOPENG	EUR											
Warrant	NL0012833990	BRENT80.42SPLOPENG	EUR	18,1800	18,1800	18,1200			18,1200					
Warrant	NL0012831432	BRENT81.58SPLOPENG	EUR											
Warrant	NL0012471346	BRENT82.11SPLOPENG	EUR											
Warrant	NL0012832794	BRENT82.49SPLOPENG	EUR	20,0000	20,0000	19,9500			19,9500					
Warrant	NL0012831671	BRENT83.61SPLOPENG	EUR											
Warrant	NL0012832174	BRENT84.61SPLOPENG	EUR	21,8700	21,8700	21,8200			21,8200					
Warrant	NL0012831770	BRENT84.75SPLOPENG	EUR											
Warrant	NL0012480404	BRENT84.86SPLOPENG	EUR											
Warrant	NL0012819080	BRENT86.79SPLOPENG	EUR	23,7800	23,7800	23,7400			23,7400					



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
Warrant	NL0012819627	BRENT91.175SPSOPENG	EUR	27,6300	27,6300	27,6200			27,6200					
Warrant	NL0012831440	BRENT93.435SPSOPENG	EUR	29,6300	29,6300	29,6200			29,6200					
Warrant	NL0012831457	BRENT95.765SPSOPENG	EUR	31,6800	31,6800	31,6800			31,6800					
Warrant	DE000CV895N8	BRUNL 15C 1218Z	EUR	0,0140	0,0140	0,0140			0,0140					
Warrant	DE000CV895M0	BRUNL 13.5C 1218Z	EUR	0,0210	0,0210	0,0210			0,0210					
Warrant	DE000CV895P3	BRUNL 16.5C 1218Z	EUR	0,0140	0,0140	0,0140			0,0140					
Warrant	NL0009903111	BTP 53SPLOPENG	EUR	73,1200	73,1200	73,1200			73,1200					
Warrant	NL0010677159	BTP 101SPLOPENG	EUR	26,1000	26,1000	26,1000			26,1000					
Warrant	NL0010687109	BTP 105SPLOPENG	EUR	22,4700	22,4700	22,4700			22,4700					
Warrant	NL0010746814	BTP 107SPLOPENG	EUR	20,5700	20,5700	20,5700			20,5700					
Warrant	NL0010812095	BTP 113SPLOPENG	EUR	14,9700	14,9700	14,9700			14,9700					
Warrant	NL0011299441	BTP 115SPLOPENG	EUR	12,9700	12,9700	12,9700			12,9700					
Warrant	NL0012828446	BTP 120SPLOPENG	EUR											
Warrant	NL0012833131	BTP 120SPLOPENG	EUR											
Warrant	NL0012829733	BTP 123SPLOPENG	EUR											
Warrant	NL0012833149	BTP 125SPSOPENG	EUR											
Warrant	NL0012480941	BTP 135SPSOPENG	EUR	16,3500	16,3500	16,3500			16,3500					
Warrant	NL0012831937	BTP 123.5SPSOPENG	EUR											
Warrant	NL0012831929	BTP 113.7SPLOPENG	EUR	10,1900	10,1900	10,1900			10,1900					
Warrant	NL0012831515	BTP 115.45SPLOPENG	EUR	8,4300	8,4300	8,4300			8,4300					
Warrant	NL0012834162	BTP 117.25PLOPENG	EUR	6,6600	6,6600	6,6600			6,6600					
Warrant	NL0012828180	BTP 118.85PLOPENG	EUR											
Warrant	NL0012826911	BTP 120.65PLOPENG	EUR											
Warrant	NL0012823223	BTP 123.95PLOPENG	EUR											
Warrant	NL0012831523	BTP 124.15SPLOPENG	EUR											
Warrant	NL0012831333	BTP 125.35SPSOPENG	EUR											
Warrant	NL0012823215	BTP 125.85PLOPENG	EUR											
Warrant	NL0012826929	BTP 125.85SPSOPENG	EUR											
Warrant	NL0012825400	BTP 127.15SPSOPENG	EUR	3,4600	3,4600	3,4600			3,4600					
Warrant	NL0012826267	BTP 127.15SPSOPENG	EUR											
Warrant	NL0012820260	BTP 128.45SPSOPENG	EUR	4,7900	4,7900	4,7900			4,7900					
Warrant	NL0012820278	BTP 129.85SPSOPENG	EUR	6,1400	6,1400	6,1400			6,1400					
Warrant	NL0012819635	BTP 131.15SPSOPENG	EUR	7,5100	7,5100	7,5100			7,5100					
Warrant	NL0012465744	BTP 133.95SPSOPENG	EUR	10,2900	10,2900	10,2900			10,2900					
Warrant	NL0012819445	BTP 136.75SPSOPENG	EUR	13,0800	13,0800	13,0800			13,0800					
Warrant	NL0012479299	BTP 137.15SPSOPENG	EUR	13,4400	13,4400	13,4400			13,4400					
Warrant	NL0010598942	BUND 1335PLOPENG	EUR	32,6400	32,9800	32,6400			32,9800					
Warrant	NL0010600979	BUND 1355PLOPENG	EUR	31,1200	31,4600	31,1200			31,4600					
Warrant	NL0010602199	BUND 1365PLOPENG	EUR	29,5900	29,9300	29,5900			29,9300					
Warrant	NL0010677332	BUND 1385PLOPENG	EUR	28,0500	28,3900	28,0500			28,3900					
Warrant	NL0010743076	BUND 1395PLOPENG	EUR	26,5200	26,8600	26,5200			26,8600					
Warrant	NL0010751699	BUND 1415PLOPENG	EUR	24,9800	25,3200	24,9800			25,3200					
Warrant	NL0010753711	BUND 1425PLOPENG	EUR	23,4300	23,7700	23,4300			23,7700					
Warrant	NL0010812079	BUND 1445PLOPENG	EUR	21,9400	22,2800	21,9400			22,2800					
Warrant	NL0010814075	BUND 1455PLOPENG	EUR	18,2500	18,5900	18,2500			18,5900					
Warrant	NL0010951513	BUND 1455PLOPENG	EUR	20,2900	20,6300	20,2900			20,6300					
Warrant	NL0011293840	BUND 1475PLOPENG	EUR	18,7300	19,0700	18,7300			19,0700					
Warrant	NL0011304571	BUND 1495PLOPENG	EUR	17,2300	17,5700	17,2300			17,5700					
Warrant	NL0011484191	BUND 1505PLOPENG	EUR	15,5500	15,8900	15,5500			15,8900					
Warrant	NL0011491238	BUND 1525PLOPENG	EUR	13,9200	14,2600	13,9200			14,2600					
Warrant	NL0011616313	BUND 1545PLOPENG	EUR	12,2800	12,6200	12,2800			12,6200					
Warrant	NL0012475529	BUND 1555PLOPENG	EUR	10,7500	11,0900	10,7500			11,0900					
Warrant	NL0012478267	BUND 1575PLOPENG	EUR	9,2100	9,5500	9,2100			9,5500					
Warrant	NL0012821086	BUND 1585PLOPENG	EUR	7,6500	7,9900	7,6500			7,9900					
Warrant	NL0012822548	BUND 1615SPSOPENG	EUR											
Warrant	NL0012822704	BUND 1645SPSOPENG	EUR	3,4100	3,4100	3,0700			3,0700					
Warrant	NL0012822712	BUND 1655SPSOPENG	EUR	5,0900	5,0900	4,7500			4,7500					
Warrant	NL0012838080	BUND 1675SPSOPENG	EUR	6,7600	6,7600	6,4200			6,4200					
Warrant	NL0012838098	BUND 1695SPSOPENG	EUR	8,4500	8,4500	8,1100			8,1100					
Warrant	NL0012838106	BUND 1705SPSOPENG	EUR	10,1600	10,1600	9,8200			9,8200					
Warrant	NL0010600128	BUND 133.95PLOPENG	EUR	29,3100	29,6500	29,3100			29,6500					
Warrant	NL0010602470	BUND 135.55PLOPENG	EUR	27,7600	28,1000	27,7600			28,1000					
Warrant	NL0010676979	BUND 137.15PLOPENG	EUR	26,1900	26,5300	26,1900			26,5300					
Warrant	NL0010689576	BUND 138.65PLOPENG	EUR	24,6300	24,9700	24,6300			24,9700					
Warrant	NL0010742771	BUND 140.25PLOPENG	EUR	23,0500	23,3900	23,0500			23,3900					
Warrant	NL0010754107	BUND 141.85PLOPENG	EUR	21,4500	21,7900	21,4500			21,7900					
Warrant	NL0010811097	BUND 143.45PLOPENG	EUR	19,8700	20,2100	19,8700			20,2100					
Warrant	NL0011293279	BUND 146.65PLOPENG	EUR	16,6600	17,0000	16,6600			17,0000					
Warrant	NL0011303490	BUND 148.25PLOPENG	EUR	15,0500	15,3900	15,0500			15,3900					
Warrant	NL0011355631	BUND 149.85PLOPENG	EUR	13,4300	13,7700	13,4300			13,7700					
Warrant	NL0011488937	BUND 151.45PLOPENG	EUR	11,8500	12,1900	11,8500			12,1900					
Warrant	NL0011493366	BUND 153.15PLOPENG	EUR	10,1800	10,5200	10,1800			10,5200					



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
Warrant	NL0012475602	BUND 154.6SPLOPENG	EUR	8,6200	8,9600	8,6200			8,9600					
Warrant	NL0012478093	BUND 156.2SPLOPENG	EUR	7,0400	7,3800	7,0400			7,3800					
Warrant	NL0012824684	BUND 157.9SPLOPENG	EUR											
Warrant	NL0012821110	BUND 157.9SPLOPENG	EUR	5,3700	5,7100	5,3700			5,7100					
Warrant	NL0012821763	BUND 160.8SPLOPENG	EUR											
Warrant	NL0012463145	BUND 161.2SPLOPENG	EUR											
Warrant	NL0012466403	BUND 163.6SPLOPENG	EUR											
Warrant	NL0012821771	BUND 164.6SPLOPENG	EUR	1,4900	1,6000	1,1500	1623,4300	4	1,1500	1099				
Warrant	NL0012825392	BUND 166.2SPLOPENG	EUR	3,1400	3,4200	2,8000	68,4000	1	2,8000	20				
Warrant	NL0012838056	BUND 167.9SPLOPENG	EUR	4,8000	4,8000	4,4600			4,4600					
Warrant	NL0012838064	BUND 169.5SPLOPENG	EUR	6,4700	6,4700	6,1300			6,1300					
Warrant	NL0012838072	BUND 171.2SPLOPENG	EUR	8,1600	8,3900	7,8200	100,6800	1	7,8200	12				
Warrant	NL0009904192	CAC40 2380SPLOPENG	EUR	24,7800	24,7800	24,7800			24,7800					
Warrant	NL0010085486	CAC40 2540SPLOPENG	EUR	23,1800	23,1800	23,1800			23,1800					
Warrant	NL0010205258	CAC40 2890SPLOPENG	EUR	19,7500	19,7500	19,7500			19,7500					
Warrant	NL0010218921	CAC40 3080SPLOPENG	EUR	17,9200	17,9200	17,9200			17,9200					
Warrant	NL0010466389	CAC40 3310SPLOPENG	EUR	15,6100	15,6100	15,6100			15,6100					
Warrant	NL0011618087	CAC40 3334SPLOPENG	EUR	14,8000	14,8000	14,8000			14,8000					
Warrant	NL0010677837	CAC40 3410SPLOPENG	EUR	14,0300	14,0300	14,0300			14,0300					
Warrant	NL0010677829	CAC40 3494SPLOPENG	EUR	13,1900	13,1900	13,1900			13,1900					
Warrant	NL0011618186	CAC40 3540SPLOPENG	EUR	13,3700	13,3700	13,3700			13,3700					
Warrant	NL0011618939	CAC40 3573SPLOPENG	EUR	12,4300	12,4300	12,4300			12,4300					
Warrant	NL0011619887	CAC40 3653SPLOPENG	EUR	11,6600	11,6600	11,6600			11,6600					
Warrant	NL0011620273	CAC40 3780SPLOPENG	EUR	11,0000	11,0000	11,0000			11,0000					
Warrant	NL0011845045	CAC40 3895SPLOPENG	EUR	9,2400	9,2400	9,2400			9,2400					
Warrant	NL0011847660	CAC40 3910SPLOPENG	EUR	9,8000	9,8000	9,8000			9,8000					
Warrant	NL0011848221	CAC40 3979SPLOPENG	EUR	8,4000	8,4000	8,4000			8,4000					
Warrant	NL0011848106	CAC40 4030SPLOPENG	EUR	8,5700	8,5700	8,5700			8,5700					
Warrant	NL0011848213	CAC40 4065SPLOPENG	EUR	7,5500	7,5500	7,5500			7,5500					
Warrant	NL0011849195	CAC40 4153SPLOPENG	EUR	6,6700	6,6700	6,6700			6,6700					
Warrant	NL0011851258	CAC40 4160SPLOPENG	EUR	7,2900	7,2900	7,2900			7,2900					
Warrant	NL0011859897	CAC40 4241SPLOPENG	EUR	5,7900	5,7900	5,7900			5,7900					
Warrant	NL0011618194	CAC40 4300SPLOPENG	EUR											
Warrant	NL0011861695	CAC40 4332SPLOPENG	EUR	4,8800	4,8800	4,8800			4,8800					
Warrant	NL0011862362	CAC40 4424SPLOPENG	EUR	3,9600	3,9600	3,9600			3,9600					
Warrant	NL0011863147	CAC40 4430SPLOPENG	EUR	4,6400	4,6400	4,6400			4,6400					
Warrant	NL0011862933	CAC40 4518SPLOPENG	EUR	3,0100	3,0100	3,0100			3,0100					
Warrant	NL0012062426	CAC40 4570SPLOPENG	EUR	3,2500	3,2500	3,2500			3,2500					
Warrant	NL0012065635	CAC40 4614SPLOPENG	EUR	2,0500	2,0500	2,0500			2,0500					
Warrant	NL0012066963	CAC40 4712SPLOPENG	EUR	1,3600	1,3600	1,0500	190,4000	1	1,0500	140				
Warrant	NL0012068712	CAC40 4720SPLOPENG	EUR	1,8200	1,8200	1,8200			1,8200					
Warrant	NL0012069389	CAC40 4811SPLOPENG	EUR											
Warrant	NL0012070700	CAC40 4870SPLOPENG	EUR											
Warrant	NL0012834113	CAC40 4910SPLOPENG	EUR											
Warrant	NL0012070510	CAC40 4911SPLOPENG	EUR											
Warrant	NL0012837579	CAC40 4990SPLOPENG	EUR	3,0500	3,0500	3,0500			3,0500					
Warrant	NL0012834840	CAC40 5007SPLOPENG	EUR											
Warrant	NL0012478606	CAC40 5010SPLOPENG	EUR											
Warrant	NL0012478473	CAC40 5010SPLOPENG	EUR											
Warrant	NL0012837728	CAC40 5099SPLOPENG	EUR	3,2200	3,2200	3,2200			3,2200					
Warrant	NL0012479828	CAC40 5110SPLOPENG	EUR											
Warrant	NL0012833602	CAC40 5119SPLOPENG	EUR											
Warrant	NL0012480578	CAC40 5160SPLOPENG	EUR											
Warrant	NL0012833503	CAC40 5203SPLOPENG	EUR	4,4700	4,4700	4,2600	4470,0000	1	4,2600	1000				
Warrant	NL0012480487	CAC40 5215SPLOPENG	EUR											
Warrant	NL0012832463	CAC40 5309SPLOPENG	EUR	5,3200	5,3200	5,3200			5,3200					
Warrant	NL0012825624	CAC40 5310SPLOPENG	EUR											
Warrant	NL0011212071	CAC40 5310SPLOPENG	EUR											
Warrant	NL0012824171	CAC40 5314SPLOPENG	EUR											
Warrant	NL0012828107	CAC40 5319SPLOPENG	EUR											
Warrant	NL0012830863	CAC40 5321SPLOPENG	EUR											
Warrant	NL0012063440	CAC40 5353SPLOPENG	EUR											
Warrant	NL0012832471	CAC40 5417SPLOPENG	EUR	6,4100	6,4100	6,4100			6,4100					
Warrant	NL0012828941	CAC40 5465SPLOPENG	EUR											
Warrant	NL0012827398	CAC40 5473SPLOPENG	EUR											
Warrant	NL0012076624	CAC40 5520SPLOPENG	EUR											
Warrant	NL0012462097	CAC40 5528SPLOPENG	EUR	7,5100	7,5100	7,5100			7,5100					
Warrant	NL0012464515	CAC40 5642SPLOPENG	EUR	8,6500	8,6500	8,6500			8,6500					
Warrant	NL0012465421	CAC40 5650SPLOPENG	EUR	9,6600	9,6600	9,6600			9,6600					
Warrant	NL0012464523	CAC40 5759SPLOPENG	EUR	9,8200	9,8200	9,8200			9,8200					
Warrant	NL0012819882	CAC40 5830SPLOPENG	EUR	11,5000	11,5000	11,5000			11,5000					
Warrant	NL0012818678	CAC40 5876SPLOPENG	EUR	10,9900	10,9900	10,9900			10,9900					



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	NL0012820229	CAC40 5995SPSOPENG	EUR	12,1900	12,1900	12,1900			12,1900					
Warrant	DE000CV8AM37	CATER 140C 0319Z	EUR	0,0650	0,0650	0,0640			0,0640					
Warrant	DE000CV8AM29	CATER 140C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV8AK05	CATER 160C 0319Z	EUR	0,0160	0,0160	0,0150			0,0150					
Warrant	NL0012834097	CEVA 22SPLOPENG	EUR	8,6700	8,6700	8,6700			8,6700					
Warrant	NL0012824304	CFOUR 8.1SPLOPENG	EUR	7,5800	7,5800	7,4200			7,4200					
Warrant	NL0012467880	CFOUR 11.8SPLOPENG	EUR	4,0900	4,0900	3,9300			3,9300					
Warrant	NL0012830400	CFOUR 12.1SPLOPENG	EUR	3,8900	3,8900	3,7200			3,7200					
Warrant	NL0010690061	CISCO 19.8SPLOPENG	EUR	25,3200	25,3200	25,3200			25,3200					
Warrant	DE000CV8AK21	COCA 48C 1218Z	EUR	0,2750	0,2850	0,2750			0,2850					
Warrant	DE000CJ3N9T4	COCA 50C 0319Z	EUR	0,2450	0,2550	0,2450			0,2550					
Warrant	DE000CJ3N9S6	COCA 45.5C 0319Z	EUR	0,7650	0,7850	0,7650			0,7850					
Warrant	DE000CV895R9	COLRT 45C 1218Z	EUR											
Warrant	DE000CJ3N9E6	COLRT 54C 0319Z	EUR											
Warrant	DE000CV8AMM3	COLRT 55C 1218Z	EUR											
Warrant	DE000CV8AMN1	COLRT 60C 0319Z	EUR											
Warrant	DE000CJ3P042	COLRT 60C 0619Z	EUR											
Warrant	NL0009902550	CRBN 45PLOPENG	EUR	21,3500	21,3500	21,3100			21,3100					
Warrant	NL0012064638	CRBN 21SPLOPENG	EUR	5,9100	5,9100	5,8700			5,8700					
Warrant	NL0012068985	CRBN 23SPLOPENG	EUR	4,0500	4,0500	4,0100			4,0100					
Warrant	NL0010095485	CRBN 6.9SPLOPENG	EUR	18,7000	18,7000	18,6600			18,6600					
Warrant	NL0010830915	CRBN 7.9SPLOPENG	EUR	17,8100	17,8100	17,7700			17,7700					
Warrant	NL0010963047	CRBN 10.1SPLOPENG	EUR	15,7900	15,7900	15,7500			15,7500					
Warrant	NL0011020557	CRBN 11.4SPLOPENG	EUR	14,6400	14,6400	14,6000			14,6000					
Warrant	NL0011027339	CRBN 12.8SPLOPENG	EUR	13,3800	13,3800	13,3400			13,3400					
Warrant	NL0011211339	CRBN 14.3SPLOPENG	EUR	12,0100	12,0100	11,9700			11,9700					
Warrant	NL0011301106	CRBN 15.8SPLOPENG	EUR	10,6200	10,6200	10,5800			10,5800					
Warrant	NL0011844048	CRBN 17.4SPLOPENG	EUR	9,1800	9,1800	9,1400			9,1400					
Warrant	NL0011861935	CRBN 19.1SPLOPENG	EUR	7,6100	7,6100	7,5700			7,5700					
Warrant	NL0012819387	CRBN 25.1SPLOPENG	EUR											
Warrant	NL0012824106	CRBN 27.3SPLOPENG	EUR											
Warrant	NL0012074470	CRBN 29.8SPSOPENG	EUR	8,3500	8,3500	8,3300			8,3300					
Warrant	NL0012837140	CZBNK 6SPLOPENG	EUR	1,1600	1,1600	1,1600			1,1600					
Warrant	NL0012837397	CZBNK 6.5SPLOPENG	EUR	0,2900	0,2900	0,2900			0,2900					
Warrant	NL0012837066	CZBNK 6.7SPLOPENG	EUR											
Warrant	NL0012837058	CZBNK 6.9SPLOPENG	EUR											
Warrant	NL0012837041	CZBNK 7.1SPLOPENG	EUR											
Warrant	NL0012837405	CZBNK 7.9SPSOPENG	EUR	1,4600	1,4600	1,4600			1,4600					
Warrant	NL0012837074	CZBNK 8.5SPSOPENG	EUR	2,0700	2,0700	2,0700			2,0700					
Warrant	NL0006427155	DAX 3930SPLOPENG	EUR	69,4800	69,4800	69,4800			69,4800					
Warrant	NL0009105154	DAX 5040SPLOPENG	EUR	58,7600	58,7600	58,7600			58,7600					
Warrant	NL0009111020	DAX 5660SPLOPENG	EUR	52,7300	52,7300	52,7300			52,7300					
Warrant	NL0009881242	DAX 6180SPLOPENG	EUR	47,6500	47,6500	47,6500			47,6500					
Warrant	NL0009904523	DAX 6490SPLOPENG	EUR	44,6500	44,6500	44,6500			44,6500					
Warrant	NL0010086088	DAX 7160SPLOPENG	EUR	38,1400	38,1400	38,1400			38,1400					
Warrant	NL0010215034	DAX 7516SPLOPENG	EUR	32,8200	32,8200	32,8200			32,8200					
Warrant	NL0010203725	DAX 7600SPLOPENG	EUR	33,8900	33,8900	33,8900			33,8900					
Warrant	NL0010214672	DAX 7664SPLOPENG	EUR	31,3500	31,3500	31,3500			31,3500					
Warrant	NL0010215646	DAX 7900SPLOPENG	EUR	30,9200	30,9200	30,9200			30,9200					
Warrant	NL0010216016	DAX 8060SPLOPENG	EUR	29,3900	29,3900	29,3900			29,3900					
Warrant	NL0010215976	DAX 8133SPLOPENG	EUR	26,6600	26,6600	26,6600			26,6600					
Warrant	NL0010359915	DAX 8255SPLOPENG	EUR	25,4500	25,4500	25,4500			25,4500					
Warrant	NL0010360830	DAX 8378SPLOPENG	EUR	24,2000	24,2000	24,2000			24,2000					
Warrant	NL0010360764	DAX 8390SPLOPENG	EUR	26,2300	26,2300	26,2300			26,2300					
Warrant	NL0010466132	DAX 8504SPLOPENG	EUR	22,9500	22,9500	22,9500			22,9500					
Warrant	NL0010465514	DAX 8550SPLOPENG	EUR	24,6000	24,6000	24,6000			24,6000					
Warrant	NL0010467742	DAX 8632SPLOPENG	EUR	21,6700	21,6700	21,6700			21,6700					
Warrant	NL0010468914	DAX 8720SPLOPENG	EUR	22,9400	22,9400	22,9400			22,9400					
Warrant	NL0010468906	DAX 8761SPLOPENG	EUR	20,3800	20,3800	20,3800			20,3800					
Warrant	NL0010526083	DAX 8893SPLOPENG	EUR	19,0600	19,0600	19,0600			19,0600					
Warrant	NL0010526406	DAX 8900SPLOPENG	EUR	21,5000	22,4000	21,1500	578,7700	9	21,2500	27				
Warrant	NL0010829685	DAX 9080SPLOPENG	EUR	19,5100	19,5100	19,5100			19,5100					
Warrant	NL0010829842	DAX 9117SPLOPENG	EUR	16,8200	16,8200	16,8200			16,8200					
Warrant	NL0011619531	DAX 9170SPLOPENG	EUR	18,6300	18,6300	18,6300			18,6300					
Warrant	NL0011619929	DAX 9255SPLOPENG	EUR	15,4400	15,4400	15,4400			15,4400					
Warrant	NL0011620596	DAX 9322SPLOPENG	EUR											
Warrant	NL0011619911	DAX 9347SPLOPENG	EUR	14,5200	14,5200	14,5200			14,5200					
Warrant	NL0011619523	DAX 9350SPLOPENG	EUR	16,8400	16,8400	16,8400			16,8400					
Warrant	NL0011619903	DAX 9394SPLOPENG	EUR	14,0500	14,0500	14,0500			14,0500					
Warrant	NL0011619895	DAX 9441SPLOPENG	EUR	13,5800	13,5800	13,5800			13,5800					
Warrant	NL0011620414	DAX 9536SPLOPENG	EUR	12,6300	12,6300	12,6300			12,6300					
Warrant	NL0011620281	DAX 9540SPLOPENG	EUR	15,0200	15,0200	15,0200			15,0200					



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	NL0011622576	DAX 9583SPLOPENG	EUR	12,1500	12,1500	12,1500			12,1500					
Warrant	NL0011845078	DAX 9631SPLOPENG	EUR	11,6700	11,6700	11,6700			11,6700					
Warrant	NL0011847223	DAX 9640SPLOPENG	EUR	14,0900	14,0900	14,0900			14,0900					
Warrant	NL0011847272	DAX 9680SPLOPENG	EUR	10,5000	11,6900	10,5000	983,6200	4		88				
Warrant	NL0011847264	DAX 9728SPLOPENG	EUR	10,7100	10,7100	10,7100			10,7100					
Warrant	NL0011847215	DAX 9730SPLOPENG	EUR	13,1500	13,1500	13,1500			13,1500					
Warrant	NL0011847793	DAX 9776SPLOPENG	EUR	10,2300	10,2300	10,2300			10,2300					
Warrant	NL0011847785	DAX 9825SPLOPENG	EUR	9,7400	9,7400	9,7400			9,7400					
Warrant	NL0011847777	DAX 9874SPLOPENG	EUR	9,2300	9,2300	9,2300			9,2300					
Warrant	NL0011847769	DAX 9923SPLOPENG	EUR	8,7500	8,7500	8,7500			8,7500					
Warrant	NL0011847678	DAX 9930SPLOPENG	EUR	11,2600	11,2600	11,2600			11,2600					
Warrant	NL0011848254	DAX 9973SPLOPENG	EUR	8,2600	8,2600	8,2600			8,2600					
Warrant	NL0011848247	DAX 10073SPLOPENG	EUR	7,2600	7,2600	7,2600			7,2600					
Warrant	NL0011848239	DAX 10123SPLOPENG	EUR	6,4200	7,5000	6,3000	7758,9000	12	6,7300	1109				
Warrant	NL0011848114	DAX 10130SPLOPENG	EUR	9,3200	9,3200	9,3200			9,3200					
Warrant	NL0011848486	DAX 10174SPLOPENG	EUR	6,9500	7,3500	6,2100	14300,0000	2	6,2100	2000				
Warrant	NL0011848601	DAX 10225SPLOPENG	EUR	5,7200	5,7200	5,7200			5,7200					
Warrant	NL0011848858	DAX 10230SPLOPENG	EUR	8,3400	8,3400	8,3400			8,3400					
Warrant	NL0011849203	DAX 10276SPLOPENG	EUR	5,2300	5,2300	5,2300			5,2300					
Warrant	NL0011849393	DAX 10379SPLOPENG	EUR	4,2000	4,2000	4,2000			4,2000					
Warrant	NL0011851779	DAX 10404SPLOPENG	EUR											
Warrant	NL0011849559	DAX 10430SPLOPENG	EUR	4,7800	4,7800	3,6800	2176,0000	2	3,6800	500				
Warrant	NL0011849765	DAX 10430SPLOPENG	EUR	6,3500	6,3500	6,3500			6,3500					
Warrant	NL0011853676	DAX 10456SPLOPENG	EUR											
Warrant	NL0011853734	DAX 10460SPLOPENG	EUR											
Warrant	NL0011849542	DAX 10483SPLOPENG	EUR	2,5600	3,9000	2,5600	383,1400	3	3,1700	118				
Warrant	NL0011853858	DAX 10508SPLOPENG	EUR											
Warrant	NL0011859301	DAX 10535SPLOPENG	EUR	2,6100	2,8200	2,6000	723,0000	2	2,6000	275				
Warrant	NL0011859285	DAX 10540SPLOPENG	EUR	6,0600	6,0600	5,3400	606,0000	1	5,3400	100				
Warrant	NL0011859947	DAX 10586SPLOPENG	EUR	1,8100	3,1000	1,5000	10558,0900	16	2,0900	4691				
Warrant	NL0011859939	DAX 10692SPLOPENG	EUR											
Warrant	NL0011862131	DAX 10745SPLOPENG	EUR											
Warrant	NL0011859582	DAX 10750SPLOPENG	EUR											
Warrant	NL0011862123	DAX 10797SPLOPENG	EUR											
Warrant	NL0012836183	DAX 10960SPLOPENG	EUR											
Warrant	NL0011862396	DAX 10960SPLOPENG	EUR											
Warrant	NL0012837959	DAX 11003SPLOPENG	EUR	2,7800	2,7800	2,7800			2,7800					
Warrant	NL0011862388	DAX 11015SPLOPENG	EUR											
Warrant	NL0012837967	DAX 11058SPLOPENG	EUR	3,2800	3,3300	3,2800	131,2000	1	3,3300	40				
Warrant	NL0011862834	DAX 11060SPLOPENG	EUR											
Warrant	NL0011862370	DAX 11062SPLOPENG	EUR											
Warrant	NL0012836910	DAX 11070SPLOPENG	EUR											
Warrant	NL0011862768	DAX 11103SPLOPENG	EUR											
Warrant	NL0012837975	DAX 11114SPLOPENG	EUR	3,8900	3,8900	3,8900			3,8900					
Warrant	NL0012834139	DAX 11117SPLOPENG	EUR											
Warrant	NL0012836902	DAX 11125SPLOPENG	EUR											
Warrant	NL0011862750	DAX 11158SPLOPENG	EUR											
Warrant	NL0012837736	DAX 11169SPLOPENG	EUR	4,0000	4,4500	3,3300	8832,0000	4	4,4500	2500				
Warrant	NL0012834121	DAX 11172SPLOPENG	EUR											
Warrant	NL0012836894	DAX 11180SPLOPENG	EUR											
Warrant	NL0011862958	DAX 11213SPLOPENG	EUR											
Warrant	NL0012834725	DAX 11228SPLOPENG	EUR											
Warrant	NL0012836886	DAX 11236SPLOPENG	EUR											
Warrant	NL0011863154	DAX 11260SPLOPENG	EUR											
Warrant	NL0011862941	DAX 11268SPLOPENG	EUR											
Warrant	NL0012834865	DAX 11282SPLOPENG	EUR											
Warrant	NL0012837744	DAX 11282SPLOPENG	EUR	5,8300	5,8300	4,5400	35618,9200	4	5,5700	7027				
Warrant	NL0012836878	DAX 11292SPLOPENG	EUR											
Warrant	NL0012061535	DAX 11325SPLOPENG	EUR											
Warrant	NL0012834857	DAX 11337SPLOPENG	EUR											
Warrant	NL0012062004	DAX 11370SPLOPENG	EUR											
Warrant	NL0012061527	DAX 11381SPLOPENG	EUR											
Warrant	NL0012837751	DAX 11396SPLOPENG	EUR	6,7100	6,7100	6,7100			6,7100					
Warrant	NL0012837587	DAX 11410SPLOPENG	EUR	10,0300	10,0300	10,0300			10,0300					
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	NL0012837215	DAX 11510SPLOPENG	EUR	7,8800	7,8800	7,8800			7,8800					
Warrant	NL0012835573	DAX 11517SPLOPENG	EUR											
Warrant	NL0012833610	DAX 11540SPLOPENG	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	NL0012062400	DAX 11547SPLOPENG	EUR											
Warrant	NL0012837223	DAX 11568SPSOPENG	EUR	8,4600	8,4600	8,4600			8,4600					
Warrant	NL0012833628	DAX 11596SPSOPENG	EUR											
Warrant	NL0012064547	DAX 11600SPLOPENG	EUR											
Warrant	NL0012837082	DAX 11626SPSOPENG	EUR	9,0400	9,0400	9,0400			9,0400					
Warrant	NL0012833511	DAX 11654SPSOPENG	EUR											
Warrant	NL0012834030	DAX 11660SPSOPENG	EUR											
Warrant	NL0012062533	DAX 11663SPLOPENG	EUR											
Warrant	NL0012833529	DAX 11685SPSOPENG	EUR	9,9000	10,0100	9,5700	18086,5000	4	9,5700	1825				
Warrant	NL0012065023	DAX 11720SPLOPENG	EUR											
Warrant	NL0012063010	DAX 11721SPLOPENG	EUR											
Warrant	NL0012833537	DAX 11744SPSOPENG	EUR	10,2000	10,2000	10,2000			10,2000					
Warrant	NL0012064836	DAX 11779SPLOPENG	EUR											
Warrant	NL0012832489	DAX 11786SPSOPENG	EUR											
Warrant	NL0012833545	DAX 11803SPSOPENG	EUR	10,8100	10,8100	10,8100			10,8100					
Warrant	NL0012478069	DAX 11838SPLOPENG	EUR											
Warrant	NL0012065841	DAX 11840SPLOPENG	EUR											
Warrant	NL0012832497	DAX 11862SPSOPENG	EUR	10,3200	11,3600	10,3200	51,6000	1	11,3600	5				
Warrant	NL0012833321	DAX 11880SPSOPENG	EUR	14,8500	14,8500	14,8500			14,8500					
Warrant	NL0012478648	DAX 11881SPLOPENG	EUR											
Warrant	NL0012830210	DAX 11897SPLOPENG	EUR											
Warrant	NL0012478630	DAX 11940SPLOPENG	EUR											
Warrant	NL0012822852	DAX 11940SPLOPENG	EUR											
Warrant	NL0012830517	DAX 11956SPLOPENG	EUR											
Warrant	NL0012832505	DAX 11982SPSOPENG	EUR	12,6000	12,6000	12,6000			12,6000					
Warrant	NL0012478622	DAX 11988SPLOPENG	EUR											
Warrant	NL0012833339	DAX 12000SPSOPENG	EUR	16,0900	16,0900	16,0900			16,0900					
Warrant	NL0012830657	DAX 12016SPLOPENG	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	NL0012829006	DAX 12409SPSOPENG	EUR	16,8400	16,8400	16,8400			16,8400					
Warrant	NL0012824577	DAX 12410SPLOPENG	EUR											
Warrant	NL0012828990	DAX 12413SPSOPENG	EUR											
Warrant	NL0012824569	DAX 12472SPLOPENG	EUR											
Warrant	NL0012829014	DAX 12472SPSOPENG	EUR	17,5000	17,5000	17,5000			17,5000					
Warrant	NL0012827406	DAX 12495SPSOPENG	EUR											
Warrant	NL0012825681	DAX 12527SPLOPENG	EUR											
Warrant	NL0012825632	DAX 12530SPLOPENG	EUR											
Warrant	NL0012829022	DAX 12534SPSOPENG	EUR	18,1300	18,1300	18,1300			18,1300					
Warrant	NL0012067300	DAX 12577SPSOPENG	EUR											
Warrant	NL0012829030	DAX 12597SPSOPENG	EUR	18,7600	18,7600	18,7600			18,7600					
Warrant	NL0011194345	DAX 12600SPSOPENG	EUR											
Warrant	NL0012067656	DAX 12640SPSOPENG	EUR											
Warrant	NL0012826762	DAX 12661SPSOPENG	EUR	19,3900	19,3900	19,3900			19,3900					
Warrant	NL0012826770	DAX 12724SPSOPENG	EUR	20,0300	20,0300	20,0300			20,0300					
Warrant	NL0012822233	DAX 12788SPSOPENG	EUR	20,6700	20,6700	20,6700			20,6700					
Warrant	NL0012822241	DAX 12853SPSOPENG	EUR	21,3100	21,3100	21,3100			21,3100					
Warrant	NL0012822258	DAX 12917SPSOPENG	EUR	22,1500	22,1500	21,9500	2215,0000	1	21,9500	100				
Warrant	NL0012822266	DAX 12982SPSOPENG	EUR	22,6000	22,6000	22,6000			22,6000					
Warrant	NL0012826283	DAX 13000SPSOPENG	EUR	26,4300	26,4300	26,4300			26,4300					
Warrant	NL0012471874	DAX 13047SPSOPENG	EUR	23,2600	23,2600	23,2600			23,2600					
Warrant	NL0012471882	DAX 13113SPSOPENG	EUR	23,9100	23,9100	23,9100			23,9100					
Warrant	NL0012471890	DAX 13179SPSOPENG	EUR	24,5700	24,5700	24,5700			24,5700					
Warrant	NL0012471270	DAX 13243SPSOPENG	EUR	25,2200	25,2200	25,2200			25,2200					



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012820351	DAX 13260SPSOPENG	EUR	29,1500	29,1500	29,1500			29,1500					
Warrant	NL0012471288	DAX 13310SPSOPENG	EUR	25,8800	25,8800	25,8800			25,8800					
Warrant	NL0012463533	DAX 13376SPSOPENG	EUR	26,5400	26,5400	26,5400			26,5400					
Warrant	NL0012464242	DAX 13400SPSOPENG	EUR	30,5200	30,5200	30,5200			30,5200					
Warrant	NL0012464150	DAX 13443SPSOPENG	EUR	27,2100	27,2100	27,2100			27,2100					
Warrant	NL0012464168	DAX 13510SPSOPENG	EUR	27,8800	27,8800	27,8800			27,8800					
Warrant	NL0012464564	DAX 13578SPSOPENG	EUR	28,5600	28,5600	28,5600			28,5600					
Warrant	NL0012464572	DAX 13645SPSOPENG	EUR	29,2400	29,2400	29,2400			29,2400					
Warrant	NL0012464580	DAX 13714SPSOPENG	EUR	29,9200	29,9200	29,9200			29,9200					
Warrant	NL0012470082	DAX 13782SPSOPENG	EUR	30,6000	30,6000	30,6000			30,6000					
Warrant	NL0012470439	DAX 13800SPSOPENG	EUR	34,7100	34,7100	34,7100			34,7100					
Warrant	NL0012470744	DAX 13852SPSOPENG	EUR	31,3000	31,3000	31,3000			31,3000					
Warrant	NL0012470751	DAX 13921SPSOPENG	EUR	32,0000	32,0000	32,0000			32,0000					
Warrant	NL0012470769	DAX 13991SPSOPENG	EUR	32,6900	32,6900	32,6900			32,6900					
Warrant	NL0012823892	DAX 14080SPSOPENG	EUR	37,5700	37,5700	37,5700			37,5700					
Warrant	NL0012823090	DBANK 9SPLOPENG	EUR											
Warrant	NL0011615497	DBANK 18SPSOPENG	EUR	12,7100	12,7100	12,5800			12,5800					
Warrant	NL0011855648	DBANK 5.9SPLOPENG	EUR	1,9900	2,1200	1,9900			2,1200					
Warrant	NL0011850193	DBANK 7.4SPLOPENG	EUR											
Warrant	NL0011856216	DBANK 8.3SPLOPENG	EUR											
Warrant	NL0012824122	DBANK 9.8SPLOPENG	EUR											
Warrant	NL0012826192	DBANK 10.7SPLOPENG	EUR											
Warrant	NL0012820658	DBANK 11.2SPSOPENG	EUR	5,2100	5,2100	5,0800			5,0800					
Warrant	NL0012477798	DBANK 12.6SPSOPENG	EUR	6,7600	6,7600	6,6300			6,6300					
Warrant	NL0012476329	DBANK 14.2SPSOPENG	EUR	8,5200	8,5200	8,3900			8,3900					
Warrant	DE000CV8AJK3	DDD 13C 1218Z	EUR	0,1650	0,1650	0,1550			0,1550					
Warrant	DE000CV8AUI1	DDD 14C 0319Z	EUR	0,8050	0,8050	0,7950			0,7950					
Warrant	DE000CV8AM11	DDD 14C 1218Z	EUR	0,0740	0,0740	0,0710			0,0710					
Warrant	DE000CV8ASL2	DDD 18C 1218Z	EUR	0,0400	0,0400	0,0400			0,0400					
Warrant	DE000CV8ASN8	DDD 19C 0319Z	EUR	0,2250	0,2250	0,2150			0,2150					
Warrant	DE000CV8ASMO	DDD 20C 1218Z	EUR	0,0400	0,0400	0,0400			0,0400					
Warrant	NL0009878198	DJBKS 86SPLOPENG	EUR	5,2700	5,3300	5,2700			5,3300					
Warrant	NL0011849096	DJBKS 101SPLOPENG	EUR	3,8100	3,8700	3,8100			3,8700					
Warrant	NL0011851290	DJBKS 110SPLOPENG	EUR	2,9900	3,0400	2,9900			3,0400					
Warrant	NL0011853098	DJBKS 119SPLOPENG	EUR	2,1000	2,1600	2,1000			2,1600					
Warrant	NL0011857883	DJBKS 129SPLOPENG	EUR	1,1600	1,2100	1,1600			1,2100					
Warrant	NL0011862883	DJBKS 139SPLOPENG	EUR											
Warrant	NL0012064588	DJBKS 151SPLOPENG	EUR											
Warrant	NL0011359484	DJBKS 188SPSOPENG	EUR											
Warrant	NL0010601126	DJBKS 190SPSOPENG	EUR	6,5000	6,5000	6,4500			6,4500					
Warrant	NL0011208228	DJBKS 201SPSOPENG	EUR	7,6200	7,6200	7,5700			7,5700					
Warrant	NL0011304696	DJBKS 212SPSOPENG	EUR	8,7800	8,7800	8,7200			8,7200					
Warrant	NL0006429060	DJIND 5620SPLOPENG	EUR	166,9500	167,0000	166,9500			167,0000					
Warrant	NL0009112192	DJIND 7660SPLOPENG	EUR	149,5200	149,5200	149,4300			149,4300					
Warrant	NL0009371376	DJIND 8930SPLOPENG	EUR	138,6700	138,6700	138,5700			138,5700					
Warrant	NL0009881259	DJIND 9350SPLOPENG	EUR	135,0700	135,0700	134,9700			134,9700					
Warrant	NL0009882273	DJIND10230SPLOPENG	EUR	127,5200	127,5200	127,3700			127,3700					
Warrant	NL0010103719	DJIND11580SPLOPENG	EUR	116,0200	116,0200	115,7700			115,7700					
Warrant	NL0010348173	DJIND13040SPLOPENG	EUR	103,5200	103,5200	103,2300			103,2300					
Warrant	NL0010353702	DJIND13825SPLOPENG	EUR	93,4900	93,4900	93,1600			93,1600					
Warrant	NL0010543880	DJIND14648SPLOPENG	EUR	86,2400	86,2400	85,8800			85,8800					
Warrant	NL0010544607	DJIND14988SPLOPENG	EUR	83,2600	83,2600	82,8800			82,8800					
Warrant	NL0010544268	DJIND14990SPLOPENG	EUR	86,8200	86,8200	86,4600			86,4600					
Warrant	NL0010586087	DJIND15334SPLOPENG	EUR	80,2100	80,2100	79,8100			79,8100					
Warrant	NL0011363775	DJIND15419SPLOPENG	EUR	79,4700	79,4700	79,0700			79,0700					
Warrant	NL0011363767	DJIND15504SPLOPENG	EUR	78,7200	78,7200	78,3100			78,3100					
Warrant	NL0011619937	DJIND15605SPLOPENG	EUR	77,8300	77,8300	77,4200			77,4200					
Warrant	NL0011620034	DJIND15707SPLOPENG	EUR	76,9300	76,9300	76,5200			76,5200					
Warrant	NL0011620422	DJIND15912SPLOPENG	EUR	75,1200	75,1200	74,7000			74,7000					
Warrant	NL0011620620	DJIND16124SPLOPENG	EUR	73,2500	73,2500	72,8200			72,8200					
Warrant	NL0011621891	DJIND16334SPLOPENG	EUR	71,4100	71,4100	70,9700			70,9700					
Warrant	NL0011622196	DJIND16350SPLOPENG	EUR	75,2400	75,2400	74,8200			74,8200					
Warrant	NL0011622584	DJIND16440SPLOPENG	EUR	70,4800	70,4800	70,0300			70,0300					
Warrant	NL0011491006	DJIND16635SPSOPENG	EUR											
Warrant	NL0011623731	DJIND16654SPLOPENG	EUR	68,5900	68,5900	68,1400			68,1400					
Warrant	NL0011622311	DJIND16700SPLOPENG	EUR	72,2100	72,2100	71,7800			71,7800					
Warrant	NL0011624143	DJIND16762SPLOPENG	EUR	67,6400	67,6400	67,1800			67,1800					
Warrant	NL0011625207	DJIND16871SPLOPENG	EUR	66,6900	66,6900	66,2200			66,2200					
Warrant	NL0011625454	DJIND16980SPLOPENG	EUR	65,7300	65,7300	65,2600			65,2600					
Warrant	NL0011625512	DJIND17060SPLOPENG	EUR	69,1200	69,1200	68,6700			68,6700					
Warrant	NL0011625827	DJIND17090SPLOPENG	EUR	64,7600	64,7600	64,2900			64,2900					
Warrant	NL0011626106	DJIND17312SPLOPENG	EUR	62,8100	62,8100	62,3300			62,3300					



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
Warrant	NL0011634209	DJIND17350SPLOPENG	EUR											
Warrant	NL0011845680	DJIND17535SPLOPENG	EUR	60,9000	60,9000	60,4100			60,4100					
Warrant	NL0011846043	DJIND17760SPLOPENG	EUR	58,9100	58,9100	58,4100			58,4100					
Warrant	NL0011845953	DJIND17800SPLOPENG	EUR	62,8100	62,8100	62,3300			62,3300					
Warrant	NL0011847819	DJIND17872SPLOPENG	EUR	57,9300	57,9300	57,4300			57,4300					
Warrant	NL0011847801	DJIND17987SPLOPENG	EUR	56,9400	56,9400	56,4300			56,4300					
Warrant	NL0011849211	DJIND18097SPLOPENG	EUR											
Warrant	NL0011848262	DJIND18102SPLOPENG	EUR	55,9300	55,9300	55,4200			55,4200					
Warrant	NL0011859608	DJIND18170SPLOPENG	EUR	59,6200	59,6200	59,1200			59,1200					
Warrant	NL0011852363	DJIND18205SPLOPENG	EUR											
Warrant	NL0011859962	DJIND18328SPLOPENG	EUR	53,9400	53,9400	53,4200			53,4200					
Warrant	NL0011859954	DJIND18444SPLOPENG	EUR	52,9200	52,9200	52,3900			52,3900					
Warrant	NL0011859590	DJIND18560SPLOPENG	EUR	56,3300	56,3300	55,8200			55,8200					
Warrant	NL0011860150	DJIND18679SPLOPENG	EUR	50,8600	50,8600	50,3200			50,3200					
Warrant	NL0011861083	DJIND18797SPLOPENG	EUR	49,8200	49,8200	49,2700			49,2700					
Warrant	NL0011028774	DJIND18834SPLOPENG	EUR											
Warrant	NL0011861471	DJIND18916SPLOPENG	EUR	48,7700	48,7700	48,2200			48,2200					
Warrant	NL0011861463	DJIND19035SPLOPENG	EUR	47,7200	47,7200	47,1600			47,1600					
Warrant	NL0011862792	DJIND19151SPLOPENG	EUR	46,7000	46,7000	46,1400			46,1400					
Warrant	NL0011862784	DJIND19272SPLOPENG	EUR	45,6400	45,6400	45,0700			45,0700					
Warrant	NL0011862271	DJIND19350SPLOPENG	EUR	49,5700	49,5700	49,0300			49,0300					
Warrant	NL0011862776	DJIND19394SPLOPENG	EUR	44,5700	44,5700	44,0000			44,0000					
Warrant	NL0012061923	DJIND19639SPLOPENG	EUR	42,4100	42,4100	41,8300			41,8300					
Warrant	NL0012064554	DJIND19750SPLOPENG	EUR	46,1000	46,1000	45,5400			45,5400					
Warrant	NL0012063457	DJIND19762SPLOPENG	EUR	41,3100	41,3100	40,7200			40,7200					
Warrant	NL0012065452	DJIND20011SPLOPENG	EUR	39,1300	39,1300	38,5300			38,5300					
Warrant	NL0012065650	DJIND20137SPLOPENG	EUR	38,0200	38,0200	37,4200			37,4200					
Warrant	NL0012066070	DJIND20390SPLOPENG	EUR	35,8000	35,8000	35,1800			35,1800					
Warrant	NL0012069199	DJIND20590SPLOPENG	EUR	38,9700	38,9700	38,3700			38,3700					
Warrant	NL0012066369	DJIND20647SPLOPENG	EUR	33,5400	33,5400	32,9200			32,9200					
Warrant	NL0012066534	DJIND20776SPLOPENG	EUR	32,4100	32,4100	31,7800			31,7800					
Warrant	NL0012070957	DJIND20906SPLOPENG	EUR	31,2600	31,2600	30,6300			30,6300					
Warrant	NL0012073720	DJIND21035SPLOPENG	EUR	30,1200	30,1200	29,4800			29,4800					
Warrant	NL0012074074	DJIND21296SPLOPENG	EUR	27,8300	27,8300	27,1800			27,1800					
Warrant	NL0012076061	DJIND21422SPLOPENG	EUR	26,7200	26,7200	26,0600			26,0600					
Warrant	NL0012074108	DJIND21450SPLOPENG	EUR	31,6200	31,6200	30,9800			30,9800					
Warrant	NL0012076566	DJIND21555SPLOPENG	EUR	25,5500	25,5500	24,8900			24,8900					
Warrant	NL0012077093	DJIND21688SPLOPENG	EUR	24,3900	24,3900	23,7200			23,7200					
Warrant	NL0012077481	DJIND21823SPLOPENG	EUR	23,1900	23,1900	22,5200			22,5200					
Warrant	NL0012079925	DJIND21890SPLOPENG	EUR	27,8400	27,8400	27,1900			27,1900					
Warrant	NL0012077473	DJIND21958SPLOPENG	EUR	21,9900	21,9900	21,3100			21,3100					
Warrant	NL0012080774	DJIND22093SPLOPENG	EUR	20,8100	20,8100	20,1200			20,1200					
Warrant	NL0012081160	DJIND22229SPLOPENG	EUR	19,6100	19,6100	18,9200			18,9200					
Warrant	NL0012081004	DJIND22340SPLOPENG	EUR	23,9900	23,9900	23,3200			23,3200					
Warrant	NL0012462592	DJIND22643SPLOPENG	EUR	15,9700	15,9700	15,2600			15,2600					
Warrant	NL0012463228	DJIND22784SPLOPENG	EUR	14,7400	14,7400	14,0200			14,0200					
Warrant	NL0012463749	DJIND22800SPLOPENG	EUR	20,0700	20,0700	19,3800			19,3800					
Warrant	NL0012463541	DJIND22927SPLOPENG	EUR	13,4700	13,4700	12,7500			12,7500					
Warrant	NL0012463699	DJIND23068SPLOPENG	EUR	12,2300	12,2300	11,5000			11,5000					
Warrant	NL0012463681	DJIND23210SPLOPENG	EUR	10,9800	10,9800	10,2500	329,1000	1	10,2500	30				
Warrant	NL0012464929	DJIND23353SPLOPENG	EUR	9,7200	9,7200	8,9800			8,9800					
Warrant	NL0012466536	DJIND23496SPLOPENG	EUR	8,4600	8,4600	7,7200			7,7200					
Warrant	NL0012466528	DJIND23640SPLOPENG	EUR	7,2000	7,2000	6,4400			6,4400					
Warrant	NL0012472948	DJIND23740SPLOPENG	EUR	12,0500	12,0500	11,3200	1800,0000	1	11,3200	150				
Warrant	NL0012819213	DJIND23784SPLOPENG	EUR	5,9300	9,3000	5,1700	3179,0000	4	5,1700	400				
Warrant	NL0012819205	DJIND23929SPLOPENG	EUR											
Warrant	NL0012819197	DJIND24074SPLOPENG	EUR											
Warrant	NL0012822860	DJIND24150SPLOPENG	EUR											
Warrant	NL0012836431	DJIND24219SPLOPENG	EUR											
Warrant	NL0012823967	DJIND24348SPLOPENG	EUR											
Warrant	NL0012824189	DJIND24492SPLOPENG	EUR											
Warrant	NL0012836423	DJIND24499SPLOPENG	EUR											
Warrant	NL0012834758	DJIND24500SPLOPENG	EUR											
Warrant	NL0012824593	DJIND24632SPLOPENG	EUR											
Warrant	NL0012823900	DJIND24640SPLOPENG	EUR											
Warrant	NL0012834741	DJIND24647SPLOPENG	EUR											
Warrant	NL0012825582	DJIND24780SPLOPENG	EUR											
Warrant	NL0012836928	DJIND24794SPLOPENG	EUR											
Warrant	NL0012834733	DJIND24795SPLOPENG	EUR											
Warrant	NL0012825699	DJIND24921SPLOPENG	EUR											
Warrant	NL0012834873	DJIND24934SPLOPENG	EUR											
Warrant	NL0012837090	DJIND24944SPLOPENG	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	NL0012827794	DJIND25048SPLOPENG	EUR											
Warrant	NL0012826101	DJIND25060SPLOPENG	EUR											
Warrant	NL0012832943	DJIND25072SPLOPENG	EUR											
Warrant	NL0012835136	DJIND25084SPLOPENG	EUR											
Warrant	NL0012837983	DJIND25103SPSOPENG	EUR	6,5800	7,3900	3,3500	9070,4000	9	7,3900	2272				
Warrant	NL0012835896	DJIND25129SPSOPENG	EUR											
Warrant	NL0012827471	DJIND25130SPLOPENG	EUR											
Warrant	NL0012827786	DJIND25199SPLOPENG	EUR											
Warrant	NL0012835128	DJIND25244SPLOPENG	EUR											
Warrant	NL0012837991	DJIND25255SPSOPENG	EUR	7,9200	8,7300	7,9200			8,7300					
Warrant	NL0012828362	DJIND25350SPLOPENG	EUR											
Warrant	NL0012838007	DJIND25407SPSOPENG	EUR	9,2600	10,0800	9,2600			10,0800					
Warrant	NL0012835904	DJIND25418SPSOPENG	EUR											
Warrant	NL0012828354	DJIND25502SPLOPENG	EUR											
Warrant	NL0012838015	DJIND25560SPSOPENG	EUR	10,6100	11,4400	10,6100			11,4400					
Warrant	NL0012828479	DJIND25640SPLOPENG	EUR											
Warrant	NL0012471965	DJIND25651SPSOPENG	EUR											
Warrant	NL0012830228	DJIND25653SPLOPENG	EUR											
Warrant	NL0012837231	DJIND25715SPSOPENG	EUR	11,9700	12,8000	11,9700			12,8000					
Warrant	NL0012472534	DJIND25740SPSOPENG	EUR											
Warrant	NL0012471973	DJIND25752SPSOPENG	EUR											
Warrant	NL0012833636	DJIND25792SPSOPENG	EUR											
Warrant	NL0012830525	DJIND25807SPLOPENG	EUR											
Warrant	NL0012837249	DJIND25870SPSOPENG	EUR	13,3300	14,1700	13,3300			14,1700					
Warrant	NL0012833644	DJIND25948SPSOPENG	EUR											
Warrant	NL0012830665	DJIND25961SPLOPENG	EUR											
Warrant	NL0012837256	DJIND26026SPSOPENG	EUR	14,7100	15,5600	14,7100			15,5600					
Warrant	NL0012833354	DJIND26105SPSOPENG	EUR											
Warrant	NL0012831408	DJIND26117SPLOPENG	EUR											
Warrant	NL0012836449	DJIND26183SPSOPENG	EUR	15,9600	16,8200	15,9600			16,8200					
Warrant	NL0012833362	DJIND26257SPSOPENG	EUR											
Warrant	NL0012469258	DJIND26308SPSOPENG	EUR											
Warrant	NL0012832950	DJIND26342SPSOPENG	EUR	17,3400	18,2000	17,3400			18,2000					
Warrant	NL0012470108	DJIND26468SPSOPENG	EUR											
Warrant	NL0012832968	DJIND26501SPSOPENG	EUR	18,7600	19,6300	18,7600			19,6300					
Warrant	NL0012470116	DJIND26629SPSOPENG	EUR											
Warrant	NL0012832976	DJIND26662SPSOPENG	EUR	20,1300	21,0100	20,1300			21,0100					
Warrant	NL0012472542	DJIND26720SPSOPENG	EUR											
Warrant	NL0012470124	DJIND26792SPSOPENG	EUR											
Warrant	NL0012471312	DJIND26819SPSOPENG	EUR	21,5300	22,4100	21,2000	21200,0000	1	22,4100	1000				
Warrant	NL0012471320	DJIND26983SPSOPENG	EUR	23,0000	23,8900	23,0000			23,8900					
Warrant	NL0012470454	DJIND27120SPSOPENG	EUR	31,1800	32,1100	31,1800			32,1100					
Warrant	NL0012828511	DJIND27146SPSOPENG	EUR	24,4000	25,3000	24,4000			25,3000					
Warrant	NL0012830533	DJIND27310SPSOPENG	EUR	25,8700	26,7800	25,8700			26,7800					
Warrant	NL0012830673	DJIND27475SPSOPENG	EUR	27,3200	28,2300	27,3200			28,2300					
Warrant	NL0012830681	DJIND27640SPSOPENG	EUR	28,7800	29,7000	28,7800			29,7000					
Warrant	NL0012470462	DJIND28240SPSOPENG	EUR	41,3100	42,2900	41,3100			42,2900					
Warrant	NL0009231604	DSM 13SPLOPENG	EUR	62,8000	62,8200	62,8000			62,8200					
Warrant	NL0006422289	DSM 0.5SPLOPENG	EUR	74,3700	74,3900	74,3700			74,3900					
Warrant	NL0006428831	DSM 4.6SPLOPENG	EUR	70,5800	70,6000	70,5800			70,6000					
Warrant	NL0009232297	DSM 15.3SPLOPENG	EUR	60,6500	60,6700	60,6500			60,6700					
Warrant	NL0009234004	DSM 17.8SPLOPENG	EUR	58,3100	58,3300	58,3100			58,3300					
Warrant	NL0009367135	DSM 20.4SPLOPENG	EUR	55,9200	55,9400	55,9200			55,9400					
Warrant	NL0009881325	DSM 22.9SPLOPENG	EUR	53,5500	53,5700	53,5500			53,5700					
Warrant	NL0009906791	DSM 28.6SPLOPENG	EUR	48,2600	48,2800	48,2600			48,2800					
Warrant	NL0010212437	DSM 31.4SPLOPENG	EUR	45,6400	45,6600	45,6400			45,6600					
Warrant	NL0010215877	DSM 34.4SPLOPENG	EUR	42,8200	42,8400	42,8200			42,8400					
Warrant	NL0011629258	DSM 43.5SPLOPENG	EUR	34,3400	34,3600	34,3400			34,3600					
Warrant	NL0011843677	DSM 45.2SPLOPENG	EUR	29,9000	29,9200	29,9000			29,9200					
Warrant	NL0011846324	DSM 46.9SPLOPENG	EUR	31,1900	31,2100	31,1900			31,2100					
Warrant	NL0011848643	DSM 50.6SPLOPENG	EUR	27,8200	27,8400	27,8200			27,8400					
Warrant	NL0012068050	DSM 54.4SPLOPENG	EUR	24,2600	24,2800	24,2600			24,2800					
Warrant	NL0012464895	DSM 67.1SPLOPENG	EUR	12,3900	12,4100	12,3900			12,4100					
Warrant	NL0012833768	DSM 71.8SPLOPENG	EUR	0,8100	0,8100	0,8100			0,8100					
Warrant	NL0012819379	DSM 76.8SPLOPENG	EUR											
Warrant	NL0012833776	DSM 79.4SPSOPENG	EUR											
Warrant	NL0012826150	DSM 82.2SPLOPENG	EUR											
Warrant	NL0012832349	DSM 87.1SPSOPENG	EUR	1,9600	1,9600	1,9600			1,9600					
Warrant	NL0012828461	DSM 87.8SPLOPENG	EUR											
Warrant	NL0012831218	DSM 87.9SPLOPENG	EUR											
Warrant	NL0012819486	DSM 93.6SPSOPENG	EUR	19,2100	19,2100	19,1700			19,1700					
Warrant	NL0012826341	DSM 100.1SPSOPENG	EUR	2,6400	2,6500	2,6400	530,0000	1	2,6400	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
Warrant	NL0011373006	DSM 30.29SPLOPENG	EUR	44,8200	44,8400	44,8200			44,8400					
Warrant	NL0011011630	DSM 32.16SPLOPENG	EUR	42,9400	42,9600	42,9400			42,9600					
Warrant	NL0010683074	DSM 34.22SPLOPENG	EUR	40,8900	40,9100	40,8900			40,9100					
Warrant	NL0011624077	DSM 40.53SPLOPENG	EUR	34,5800	34,6000	34,5800			34,6000					
Warrant	NL0011847975	DSM 50.32SPLOPENG	EUR	24,7900	24,8100	24,7900			24,8100					
Warrant	NL0012063739	DSM 53.03SPLOPENG	EUR	22,0700	22,0900	22,0700			22,0900					
Warrant	NL0012065171	DSM 55.88SPLOPENG	EUR	19,2200	19,2400	19,2200			19,2400					
Warrant	NL0012067557	DSM 58.88SPLOPENG	EUR	16,2800	16,3000	16,2800			16,3000					
Warrant	NL0011852975	DSM 60.46SPLOPENG	EUR											
Warrant	NL0012078612	DSM 61.95SPLOPENG	EUR	13,1600	13,1800	13,0800	52,3200	1	13,1800		4			
Warrant	NL0012461933	DSM 65.16SPLOPENG	EUR	9,9500	9,9700	9,9500			9,9700					
Warrant	NL0012462915	DSM 68.52SPLOPENG	EUR	6,5800	6,6000	6,5800			6,6000					
Warrant	NL0012464846	DSM 72.06SPLOPENG	EUR	3,0500	3,0700	3,0500			3,0700					
Warrant	NL0012466197	DSM 75.61SPLOPENG	EUR											
Warrant	NL0012832851	DSM 79.39SPLOPENG	EUR											
Warrant	NL0012479679	DSM 79.45SPLOPENG	EUR											
Warrant	NL0012837348	DSM 80.93SPLOPENG	EUR	0,7200	0,7200	0,7200			0,7200					
Warrant	NL0012833909	DSM 81.13SPLOPENG	EUR											
Warrant	NL0012822670	DSM 83.48SPLOPENG	EUR											
Warrant	NL0012832109	DSM 87.04SPLOPENG	EUR	1,3300	1,3300	1,3300			1,3300					
Warrant	NL0012826333	DSM 87.53SPLOPENG	EUR											
Warrant	NL0012830095	DSM 87.65SPLOPENG	EUR											
Warrant	NL0012824791	DSM 88.19SPLOPENG	EUR											
Warrant	NL0010939245	EBAY 6.6SPLOPENG	EUR	20,3900	20,3900	20,3900			20,3900					
Warrant	NL0011304332	EBAY 23.2SPLOPENG	EUR	6,7200	6,7200	6,7200			6,7200					
Warrant	NL0010097705	ENGIE 7.1SPLOPENG	EUR	5,4500	5,7500	5,4500			5,7500					
Warrant	NL0009766021	ENGIE 8.2SPLOPENG	EUR	4,3900	4,6900	4,3900			4,6900					
Warrant	NL0012061410	ENGIE 8.8SPLOPENG	EUR	3,8700	4,1700	3,8700			4,1700					
Warrant	NL0010217501	ENGIE 9.5SPLOPENG	EUR	3,1800	3,4800	3,1800			3,4800					
Warrant	NL0012075493	ENGIE 10.9SPLOPENG	EUR	1,9200	2,2200	1,9200			2,2200					
Warrant	NL0011204110	ENGIE 15.2SPLOPENG	EUR	4,5300	4,5300	4,2200			4,2200					
Warrant	NL0011024393	ENX 27.1SPLOPENG	EUR	23,1300	23,1300	22,5100			22,5100					
Warrant	NL0011371141	EON 4.6SPLOPENG	EUR	4,6000	4,7900	4,6000			4,7900					
Warrant	NL0011369756	EON 5.1SPLOPENG	EUR	4,1400	4,3400	4,1400			4,3400					
Warrant	NL0011373998	EON 5.6SPLOPENG	EUR	3,6600	3,8600	3,6600			3,8600					
Warrant	XS1748853030	ESTX STN0123B	EUR	85,4500	86,4500	85,4500			86,4500					
Warrant	XS1173152825	ESTX STN0220G	EUR	101,1200	101,5600	101,1200			101,5600					
Warrant	XS0914667166	ESTX STN0520G	EUR	106,8000	107,4400	106,8000			107,4400					
Warrant	XS1302980799	ESTX STN1020G	EUR	99,2000	99,2000	99,2000			99,2000					
Warrant	NL0006426546	ESTX 7705SPLOPENG	EUR	23,1300	23,1300	23,1300			23,1300					
Warrant	NL0006420747	ESTX 1090SPLOPENG	EUR	19,9600	19,9600	19,9600			19,9600					
Warrant	NL0009105162	ESTX 1380SPLOPENG	EUR	17,1800	17,1800	17,1800			17,1800					
Warrant	NL0009880137	ESTX 1580SPLOPENG	EUR	15,2700	15,2700	15,2700			15,2700					
Warrant	NL0010205019	ESTX 1930SPLOPENG	EUR	11,8600	11,8600	11,8600			11,8600					
Warrant	NL0010208005	ESTX 2060SPLOPENG	EUR	10,6100	10,6100	10,6100			10,6100					
Warrant	NL0010355285	ESTX 2073SPLOPENG	EUR	9,8800	9,8800	9,8800			9,8800					
Warrant	NL0010343927	ESTX 2190SPLOPENG	EUR	9,3000	9,3000	9,3000			9,3000					
Warrant	NL0010466157	ESTX 2237SPLOPENG	EUR	8,2400	8,2400	8,2400			8,2400					
Warrant	NL0010468385	ESTX 2321SPLOPENG	EUR	7,4100	7,4100	7,4100			7,4100					
Warrant	NL0010527826	ESTX 2407SPLOPENG	EUR	6,5500	6,5500	6,5500			6,5500					
Warrant	NL0010529566	ESTX 2450SPLOPENG	EUR	6,8300	6,8300	6,8300			6,8300					
Warrant	NL0010536975	ESTX 2495SPLOPENG	EUR	5,6500	5,6500	5,6500			5,6500					
Warrant	NL0011619572	ESTX 2530SPLOPENG	EUR	6,0300	6,0300	6,0300			6,0300					
Warrant	NL0011619945	ESTX 2551SPLOPENG	EUR	5,1000	5,1000	5,1000			5,1000					
Warrant	NL0011849229	ESTX 2634SPLOPENG	EUR	4,2400	4,2400	4,2400			4,2400					
Warrant	NL0011851480	ESTX 2719SPLOPENG	EUR	3,4200	3,4200	3,4200			3,4200					
Warrant	NL0011853122	ESTX 2807SPLOPENG	EUR	2,4900	2,4900	2,4900			2,4900					
Warrant	NL0011853767	ESTX 2810SPLOPENG	EUR	3,3000	3,3000	3,3000			3,3000					
Warrant	NL0011862404	ESTX 2897SPLOPENG	EUR	1,6300	1,6300	1,6300			1,6300					
Warrant	NL0012061477	ESTX 2960SPLOPENG	EUR	1,7200	1,8400	1,7200	1376,0000	1	1,8400		800			
Warrant	NL0011862974	ESTX 2990SPLOPENG	EUR	0,7000	0,7000	0,7000			0,7000					
Warrant	NL0012062541	ESTX 3086SPLOPENG	EUR											
Warrant	NL0012067243	ESTX 3110SPLOPENG	EUR											
Warrant	NL0012067342	ESTX 3181SPLOPENG	EUR											
Warrant	NL0012837785	ESTX 3222SPLOPENG	EUR	1,8400	1,8400	1,8400			1,8400					
Warrant	NL0012837603	ESTX 3250SPLOPENG	EUR	2,9000	3,1000	2,9000	1450,0000	1	3,1000		500			
Warrant	NL0012480206	ESTX 3270SPLOPENG	EUR											
Warrant	NL0012830541	ESTX 3276SPLOPENG	EUR											
Warrant	NL0012479653	ESTX 3279SPLOPENG	EUR											
Warrant	NL0012832554	ESTX 3321SPLOPENG	EUR	2,8500	2,8500	2,8500			2,8500					
Warrant	NL0012824627	ESTX 3374SPLOPENG	EUR											
Warrant	NL0012832562	ESTX 3424SPLOPENG	EUR	3,8600	3,8600	3,8600			3,8600					



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
Warrant	NL0012832224	ESTX 3430SPSOPENG	EUR	4,8700	4,8700	4,8700			4,8700					
Warrant	NL0012829758	ESTX 3449SPSOPENG	EUR											
Warrant	NL0012070551	ESTX 3530SPSOPENG	EUR	4,9300	4,9300	4,9300			4,9300					
Warrant	NL0011206305	ESTX 3590SPSOPENG	EUR											
Warrant	NL0011193420	ESTX 3610SPSOPENG	EUR	6,7300	6,7300	6,7300			6,7300					
Warrant	NL0012071559	ESTX 3642SPSOPENG	EUR	6,0400	6,0400	6,0400			6,0400					
Warrant	NL0011304688	ESTX 3730SPSOPENG	EUR	7,9600	7,9600	7,9600			7,9600					
Warrant	NL0012073316	ESTX 3755SPSOPENG	EUR	7,1700	7,1700	7,1700			7,1700					
Warrant	NL0012463616	ESTX 3872SPSOPENG	EUR	8,3400	8,3400	8,3400			8,3400					
Warrant	NL0012075162	ESTX 3920SPSOPENG	EUR	9,9600	9,9600	9,9600			9,9600					
Warrant	NL0012466643	ESTX 3991SPSOPENG	EUR	9,5300	9,5300	9,5300			9,5300					
Warrant	XS1423752903	ESTX 4.91STN0621G	EUR	105,5100	106,0000	105,5100			106,0000					
Warrant	NL0011017132	EUCHF 1.06SPLOPENG	EUR	7,5900	7,5900	7,5600			7,5600					
Warrant	NL0012827851	EUCHF 1.12SPLOPENG	EUR											
Warrant	NL0011013487	EUCHF0.978SPLOPENG	EUR	14,7300	14,7300	14,7000			14,7000					
Warrant	NL0011012224	EUCHF0.998SPLOPENG	EUR	12,9900	12,9900	12,9600			12,9600					
Warrant	NL0010969143	EUCHF1.018SPLOPENG	EUR	11,2200	11,2200	11,1900			11,1900					
Warrant	NL0010969135	EUCHF1.039SPLOPENG	EUR	9,4100	9,4100	9,3800			9,3800					
Warrant	NL0011017934	EUCHF1.081SPLOPENG	EUR	5,7400	5,7400	5,7100			5,7100					
Warrant	NL0012072870	EUCHF1.103SPLOPENG	EUR	3,8600	3,8600	3,8200			3,8200					
Warrant	NL0012076905	EUCHF1.141SPLOPENG	EUR											
Warrant	NL0012820492	EUCHF1.161SPSOPENG	EUR	5,4700	5,5000	5,4700			5,5000					
Warrant	NL0009620442	EUCHF1.185SPSOPENG	EUR	7,6300	7,6600	7,6300			7,6600					
Warrant	NL0012467898	EUCHF1.209SPSOPENG	EUR	9,7700	9,8100	9,7700			9,8100					
Warrant	NL0011856810	EUGBP 0.92SPSOPENG	EUR	3,9500	4,0200	3,9500			4,0200					
Warrant	NL0011204490	EUGBP0.705SPLOPENG	EUR	23,6000	23,6000	23,5600			23,5600					
Warrant	NL0011027792	EUGBP0.727SPLOPENG	EUR	21,2300	21,2300	21,1900			21,1900					
Warrant	NL0011016282	EUGBP0.749SPLOPENG	EUR	18,8000	18,8000	18,7500			18,7500					
Warrant	NL0011487673	EUGBP0.772SPLOPENG	EUR	16,3500	16,3500	16,3100			16,3100					
Warrant	NL0011492160	EUGBP0.795SPLOPENG	EUR	13,8500	13,8500	13,8100			13,8100					
Warrant	NL0011844840	EUGBP0.843SPLOPENG	EUR	8,6000	8,6000	8,5500			8,5500					
Warrant	NL0011846076	EUGBP0.866SPLOPENG	EUR											
Warrant	NL0012466650	EUGBP0.895SPSOPENG	EUR											
Warrant	NL0011857123	EUGBP0.948SPSOPENG	EUR	7,0800	7,1500	7,0800			7,1500					
Warrant	NL0011857347	EUGBP0.983SPSOPENG	EUR	11,0100	11,0800	11,0100			11,0800					
Warrant	NL0011858725	EUJPY 108SPLOPENG	EUR	17,6500	17,6500	17,4200			17,4200					
Warrant	NL0011847058	EUJPY 112SPLOPENG	EUR	15,1100	15,1100	14,8700			14,8700					
Warrant	NL0010215604	EUJPY 115SPLOPENG	EUR	12,4900	12,4900	12,2400			12,2400					
Warrant	NL0011860366	EUJPY 119SPLOPENG	EUR	9,8500	9,8500	9,6000			9,6000					
Warrant	NL0011862198	EUJPY 120SPLOPENG	EUR											
Warrant	NL0012827034	EUJPY 122SPLOPENG	EUR	7,1400	7,1400	6,8800			6,8800					
Warrant	NL0010345732	EUJPY 124SPLOPENG	EUR											
Warrant	NL0012074744	EUJPY 125SPLOPENG	EUR											
Warrant	NL0012827844	EUJPY 126SPLOPENG	EUR	4,3500	4,3500	4,0800			4,0800					
Warrant	NL0012824692	EUJPY 129SPLOPENG	EUR											
Warrant	NL0012829972	EUJPY 129SPLOPENG	EUR											
Warrant	NL0012476022	EUJPY 133SPSOPENG	EUR											
Warrant	NL0010963674	EUJPY 137SPSOPENG	EUR	8,8500	9,1500	8,8500			9,1500					
Warrant	NL0010594255	EUJPY 139SPSOPENG	EUR	11,0800	11,3900	11,0800			11,3900					
Warrant	NL0010597480	EUJPY 142SPSOPENG	EUR	13,2900	13,6100	13,2900			13,6100					
Warrant	NL0010946653	EUJPY 145SPSOPENG	EUR	15,5600	15,8800	15,5600			15,8800					
Warrant	NL0010949699	EUJPY 148SPSOPENG	EUR	17,8600	18,1900	17,8600			18,1900					
Warrant	NL0010468542	EUNOK 9.02SPLOPENG	EUR	9,1300	9,1300	8,9700			8,9700					
Warrant	NL0012080378	EUNOK 9.29SPLOPENG	EUR	6,4000	6,4000	6,2400			6,2400					
Warrant	NL0011616107	EUNOK10.155SPSOPENG	EUR	6,5100	6,6700	6,5100			6,6700					
Warrant	NL0010220356	EUNOK8.247SPLOPENG	EUR	16,9200	16,9200	16,7800			16,7800					
Warrant	NL0009910736	EUNOK8.502SPLOPENG	EUR	14,3500	14,3500	14,2000			14,2000					
Warrant	NL0010465266	EUNOK8.757SPLOPENG	EUR	11,7800	11,7800	11,6300			11,6300					
Warrant	NL0012064786	EUNOK9.433SPSOPENG	EUR											
Warrant	NL0012466841	EURAU 1.53SPLOPENG	EUR	5,0400	5,0400	4,6600			4,6600					
Warrant	NL0012823421	EURAU 1.57SPLOPENG	EUR											
Warrant	NL0012066013	EURAU1.399SPLOPENG	EUR	13,1800	13,1800	12,8400			12,8400					
Warrant	NL0010203212	EURAU1.442SPLOPENG	EUR	10,4900	10,4900	10,1300			10,1300					
Warrant	NL0012069017	EURAU1.485SPLOPENG	EUR	7,8000	7,8000	7,4400			7,4400					
Warrant	NL0010592663	EURAU1.673SPSOPENG	EUR	8,2500	8,6800	8,2500			8,6800					
Warrant	NL0010597969	EURAU1.706SPSOPENG	EUR	10,4100	10,8400	10,4100			10,8400					
Warrant	NL0011364039	EURAU1.757SPSOPENG	EUR	13,7100	14,1600	13,7100			14,1600					
Warrant	NL0011481619	EUUSD 1.15PLOPENG	EUR	5,0700	5,0700	4,6100			4,6100					
Warrant	NL0011618418	EUUSD 1.15PLOPENG	EUR											
Warrant	NL0012822431	EUUSD 1.25SPSOPENG	EUR	7,9000	8,4200	7,9000			8,4200					
Warrant	NL0011862222	EUUSD 1.07SPLOPENG	EUR	7,6600	7,6600	7,2100			7,2100					
Warrant	NL0012831911	EUUSD 1.17SPSOPENG	EUR	3,0800	3,5800	3,0800			3,5800					



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012064760	EUUSD0.9645PLOPENG	EUR	16,8000	16,8000	16,4000			16,4000					
Warrant	NL0011627641	EUUSD0.9655PLOPENG	EUR	16,7900	16,7900	16,3900			16,3900					
Warrant	NL0012061865	EUUSD0.9745PLOPENG	EUR	15,9700	15,9700	15,5600			15,5600					
Warrant	NL0012068639	EUUSD1.0195PLOPENG	EUR	10,4600	10,4600	10,0200			10,0200					
Warrant	NL0012061857	EUUSD1.0545PLOPENG	EUR	7,3800	7,3800	6,9300			6,9300					
Warrant	NL0011861588	EUUSD1.0645PLOPENG	EUR	6,4400	6,4400	5,9900			5,9900					
Warrant	NL0011861570	EUUSD1.0755PLOPENG	EUR	5,5000	5,5000	5,0400			5,0400					
Warrant	NL0011483656	EUUSD1.0855PLOPENG	EUR											
Warrant	NL0011861562	EUUSD1.0865PLOPENG	EUR	4,5500	4,5500	4,0900	1242,0000	1	4,0900	300				
Warrant	NL0012069520	EUUSD1.0965PSOPENG	EUR											
Warrant	NL0011483144	EUUSD1.0975PLOPENG	EUR	3,6100	3,6100	3,1400			3,1400					
Warrant	NL0011617212	EUUSD1.1065PLOPENG	EUR											
Warrant	NL0011206313	EUUSD1.1085PLOPENG	EUR	2,6700	2,6700	2,2000			2,2000					
Warrant	NL0011205620	EUUSD1.1125PLOPENG	EUR	4,0900	4,0900	3,6100			3,6100					
Warrant	NL0012063002	EUUSD1.1195PLOPENG	EUR	1,6600	1,6600	1,1600	2068,5000	7	1,1600	1575				
Warrant	NL0012063366	EUUSD1.1235PLOPENG	EUR	3,1000	3,1000	2,6400			2,6400					
Warrant	NL0012068621	EUUSD1.1265PLOPENG	EUR											
Warrant	NL0012835433	EUUSD1.1285PLOPENG	EUR											
Warrant	NL0012070486	EUUSD1.1295PLOPENG	EUR											
Warrant	NL0012070742	EUUSD1.1355PLOPENG	EUR											
Warrant	NL0012072862	EUUSD1.1365PLOPENG	EUR											
Warrant	NL0012071260	EUUSD1.1365PLOPENG	EUR											
Warrant	NL0012827588	EUUSD1.1445PLOPENG	EUR											
Warrant	NL0012832406	EUUSD1.1455PLOPENG	EUR											
Warrant	NL0012834980	EUUSD1.1465PSOPENG	EUR											
Warrant	NL0012072391	EUUSD1.1475PLOPENG	EUR											
Warrant	NL0012836415	EUUSD1.1475PSOPENG	EUR	1,0200	1,5100	1,0200			1,5100					
Warrant	NL0012828453	EUUSD1.1485PLOPENG	EUR											
Warrant	NL0012073191	EUUSD1.1515PLOPENG	EUR											
Warrant	NL0012828263	EUUSD1.1545PLOPENG	EUR											
Warrant	NL0012822092	EUUSD1.1585PLOPENG	EUR											
Warrant	NL0012833578	EUUSD1.1585PSOPENG	EUR	2,0400	2,5400	2,0400			2,5400					
Warrant	NL0012830566	EUUSD1.1655PLOPENG	EUR											
Warrant	NL0012834105	EUUSD1.1655PSOPENG	EUR	4,6700	5,1800	4,6700			5,1800					
Warrant	NL0012826838	EUUSD1.1685PSOPENG	EUR											
Warrant	NL0012826895	EUUSD1.1755PSOPENG	EUR											
Warrant	NL0012822100	EUUSD1.1815PSOPENG	EUR											
Warrant	NL0012831465	EUUSD1.1825PSOPENG	EUR	4,1200	4,6300	4,1200			4,6300					
Warrant	NL0012825723	EUUSD1.1885PSOPENG	EUR	6,8100	7,3300	6,8100			7,3300					
Warrant	NL0012820500	EUUSD1.1945PSOPENG	EUR	5,2000	5,7100	5,2000			5,7100					
Warrant	NL0012818934	EUUSD1.2065PSOPENG	EUR	6,2600	6,7800	6,2600			6,7800					
Warrant	NL0012819536	EUUSD1.2135PSOPENG	EUR	8,9900	9,5200	8,9900			9,5200					
Warrant	NL0012481121	EUUSD1.2195PSOPENG	EUR	7,3400	7,8600	7,3400			7,8600					
Warrant	NL0012819031	EUUSD1.2255PSOPENG	EUR	10,1000	10,6300	10,1000			10,6300					
Warrant	NL0012480933	EUUSD1.2315PSOPENG	EUR	8,4200	8,9500	8,4200			8,9500					
Warrant	NL0012480859	EUUSD1.2445PSOPENG	EUR	9,5300	10,0700	9,5300			10,0700					
Warrant	NL0012474852	EUUSD1.2565PSOPENG	EUR	10,6600	11,2000	10,6600			11,2000					
Warrant	NL0010820270	EUUSD1.2635PSOPENG	EUR	13,4900	14,0400	13,4900			14,0400					
Warrant	NL0010816880	EUUSD1.2695PSOPENG	EUR	11,8100	12,3500	11,8100			12,3500					
Warrant	NL0010816674	EUUSD1.2755PSOPENG	EUR	14,6300	15,1900	14,6300			15,1900					
Warrant	NL0010814257	EUUSD1.2825PSOPENG	EUR	12,9600	13,5100	12,9600			13,5100					
Warrant	NL0010813200	EUUSD1.2955PSOPENG	EUR	14,1000	14,6600	14,1000			14,6600					
Warrant	NL0010755807	EUUSD1.3085PSOPENG	EUR	15,2300	15,7900	15,2300			15,7900					
Warrant	NL0010742177	EUUSD1.3355PSOPENG	EUR	17,6200	18,1900	17,6200			18,1900					
Warrant	NL0009757434	EUUSD1.3425PSOPENG	EUR	20,6200	21,2000	20,6200			21,2000					
Warrant	NL0010542510	EUUSD1.3495PSOPENG	EUR	18,8000	19,3800	18,8000			19,3800					
Warrant	NL0009231521	EUUSD1.3555PSOPENG	EUR	21,8000	22,3900	21,8000			22,3900					
Warrant	NL0012471247	EUUSD1.3625PSOPENG	EUR	19,9500	20,5400	19,9500			20,5400					
Warrant	NL0009234681	EUUSD1.3955PSOPENG	EUR	25,3700	25,9800	25,3700			25,9800					
Warrant	NL0009234731	EUUSD1.4395PSOPENG	EUR	29,2800	29,9100	29,2800			29,9100					
Warrant	NL0010685731	EUUSD1.4535PSOPENG	EUR	30,5700	31,2000	30,5700			31,2000					
Warrant	NL0011206354	EXXON 625PLOPENG	EUR	1,6400	1,6400	1,6400			1,6400					
Warrant	NL0010215331	FBOOK 265PLOPENG	EUR	105,1000	105,1000	105,1000			105,1000					
Warrant	NL0010756276	FBOOK 775PLOPENG	EUR	57,9900	57,9900	57,9900			57,9900					
Warrant	NL0011625306	FBOOK 1075PLOPENG	EUR	3,9900	3,9900	3,9900			3,9900					
Warrant	DE000C3N9V0	FBOOK 165C 0319Z	EUR	0,1350	0,1450	0,1350			0,1450					
Warrant	DE000C3N9U2	FBOOK 165C 1218Z	EUR	0,0200	0,0200	0,0200			0,0200					
Warrant	DE000CV8AK54	FBOOK 180C 0319Z	EUR	0,0540	0,0540	0,0520			0,0520					
Warrant	DE000CV8AK47	FBOOK 180C 1218Z	EUR	0,0200	0,0200	0,0200			0,0200					
Warrant	DE000CV8AK62	FBOOK 200C 0319Z	EUR	0,0260	0,0260	0,0250			0,0250					
Warrant	NL0010529012	FBOOK 33.65PLOPENG	EUR	98,9200	98,9200	98,9200			98,9200					
Warrant	NL0010754057	FBOOK 71.35PLOPENG	EUR	68,6300	68,6300	68,6300			68,6300					



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
Warrant	NL0011362421	FBOOK 87.3SPLOPENG	EUR	55,7200	55,7200	55,7200			55,7200					
Warrant	NL0011366455	FBOOK 93.4SPLOPENG	EUR	50,8000	50,8000	50,8000			50,8000					
Warrant	NL0011617725	FBOOK103.3SPLOPENG	EUR	34,7700	34,7700	34,7700			34,7700					
Warrant	NL0011622675	FBOOK111.7SPLOPENG	EUR	27,3400	27,3400	27,3400			27,3400					
Warrant	NL0011627096	FBOOK114.5SPLOPENG	EUR	3,3900	3,3900	3,3900			3,3900					
Warrant	NL0011630710	FBOOK117.2SPLOPENG	EUR	2,3600	2,3600	2,3600			2,3600					
Warrant	NL0010677035	FBOOK60.28SPLOPENG	EUR	72,7700	72,7700	72,7700			72,7700					
Warrant	NL0010756284	FBOOK73.33SPLOPENG	EUR	61,2300	61,2300	61,2300			61,2300					
Warrant	NL0011365382	FBOOK89.16SPLOPENG	EUR	47,2300	47,2300	47,2300			47,2300					
Warrant	DE000CJ3N9X6	FMOTR 9C 0319Z	EUR	0,3450	0,3850	0,3450			0,3850					
Warrant	DE000CV8AM45	FMOTR 10C 1218Z	EUR	0,0120	0,0160	0,0120			0,0160					
Warrant	DE000CV8AK70	FMOTR 11C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CJ3N9W8	FMOTR 8.9C 1218Z	EUR	0,0940	0,1150	0,0940			0,1150					
Warrant	DE000CV8AY25	FMOTR 9.5C 1218Z	EUR	0,0240	0,0300	0,0240			0,0300					
Warrant	DE000CV8AM52	FMOTR 10.5C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0006423832	FUGRO 6.8SPLOPENG	EUR	3,4100	3,6400	3,3700	909,9000	1	3,6400	270				
Warrant	NL0010944492	FUGRO 8.9SPLOPENG	EUR	1,5000	1,7300	1,5000	5860,0000	2	1,7300	3500				
Warrant	NL0012078604	FUGRO 9.1SPLOPENG	EUR	0,6400	0,9300	0,6400	1780,0000	2	0,8700	2000				
Warrant	NL0010944484	FUGRO 9.5SPLOPENG	EUR											
Warrant	NL0012829345	FUGRO 10.1SPLOPENG	EUR											
Warrant	NL0010944476	FUGRO 10.1SPLOPENG	EUR											
Warrant	NL0012479547	FUGRO 10.8SPLOPENG	EUR											
Warrant	NL0012831135	FUGRO 10.9SPLOPENG	EUR											
Warrant	NL0012827927	FUGRO 11.6SPLOPENG	EUR											
Warrant	NL0012829097	FUGRO 11.8SPLOPENG	EUR											
Warrant	NL0012832307	FUGRO 12.1SPLOPENG	EUR	4,0700	4,0700	3,8400			3,8400					
Warrant	NL0012829352	FUGRO 12.2SPLOPENG	EUR											
Warrant	NL0012827208	FUGRO 13.3SPLOPENG	EUR	5,4100	5,4100	5,1800			5,1800					
Warrant	NL0012071146	FUGRO 14.7SPLOPENG	EUR	6,8800	6,8800	6,6500			6,6500					
Warrant	NL0011844725	FUGRO 16.1SPLOPENG	EUR	8,5000	8,5000	8,2700			8,2700					
Warrant	NL0012829220	FUGRO 8.65SPLOPENG	EUR	1,0800	1,3200	1,0800			1,3200					
Warrant	NL0012078216	FUGRO 9.56SPLOPENG	EUR											
Warrant	NL0012077895	FUGRO10.01SPLOPENG	EUR											
Warrant	NL0012829782	FUGRO10.04SPLOPENG	EUR											
Warrant	NL0012829774	FUGRO10.52SPLOPENG	EUR											
Warrant	NL0012478770	FUGRO10.52SPLOPENG	EUR											
Warrant	NL0012834295	FUGRO10.55SPLOPENG	EUR											
Warrant	NL0012836704	FUGRO10.56SPLOPENG	EUR											
Warrant	NL0012833834	FUGRO10.94SPLOPENG	EUR											
Warrant	NL0012829238	FUGRO10.98SPLOPENG	EUR											
Warrant	NL0012823736	FUGRO11.05SPLOPENG	EUR											
Warrant	NL0012830814	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	FUGRO11.74SPLOPENG	EUR	2,4700	2,4700	2,2400			2,2400					
Warrant	NL0012827414	FUGRO12.64SPLOPENG	EUR	3,3600	3,3600	3,1300			3,1300					
Warrant	NL0012824759	FUGRO12.73SPLOPENG	EUR											
Warrant	NL0012824221	FUGRO13.59SPLOPENG	EUR	4,3200	4,3200	4,0900			4,0900					
Warrant	NL0012073159	FUGRO14.63SPLOPENG	EUR	5,3400	5,3400	5,1100			5,1100					
Warrant	NL0012066567	FUGRO16.93SPLOPENG	EUR	7,6500	7,6500	7,4200			7,4200					
Warrant	NL0011630934	FUGRO18.22SPLOPENG	EUR	8,9400	8,9400	8,7100			8,7100					
Warrant	DE000CV89TR4	G1A 28C 0619Z	EUR	0,0540	0,0540	0,0540			0,0540					
Warrant	DE000CV89TQ6	G1A 32C 0619Z	EUR	0,0220	0,0220	0,0220			0,0220					
Warrant	DE000CV89TP8	G1A 40C 0619Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0012473029	GAS 2.1SPLOPENG	EUR	2,3200	2,3200	2,1900			2,1900					
Warrant	NL0012827661	GAS 2.9SPLOPENG	EUR											
Warrant	NL0012462246	GAS 3.3SPLOPENG	EUR											
Warrant	NL0012836399	GAS 3.7SPLOPENG	EUR	1,0100	1,0100	0,8700			0,8700					
Warrant	NL0011374814	GAS 4.3SPLOPENG	EUR											
Warrant	NL0010963401	GAS 4.9SPLOPENG	EUR											
Warrant	NL0012467732	GAS 2.25SPLOPENG	EUR	2,2100	2,2100	2,0700			2,0700					
Warrant	NL0012467997	GAS 2.62SPLOPENG	EUR	1,8900	1,8900	1,7600			1,7600					
Warrant	NL0012476675	GAS 2.75SPLOPENG	EUR	1,7900	1,7900	1,6600	1479,0000	1	1,6600	850				
Warrant	NL0012827026	GAS 2.76SPLOPENG	EUR											
Warrant	NL0012829691	GAS 2.88SPLOPENG	EUR	1,6800	1,6800	1,5400			1,5400					
Warrant	NL0012831077	GAS 3.03SPLOPENG	EUR	1,5600	1,5600	1,4200			1,4200					
Warrant	NL0012477954	GAS 3.07SPLOPENG	EUR											
Warrant	NL0012831507	GAS 3.18SPLOPENG	EUR	1,4300	1,4300	1,3000			1,3000					
Warrant	NL0012831903	GAS 3.22SPLOPENG	EUR											
Warrant	NL0012834923	GAS 3.35SPLOPENG	EUR	1,3000	1,3000	1,1600			1,1600					



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	NL0012836217	GAS 3.52SPLOPENG	EUR	1,1600	1,1600	1,0200			1,0200					
Warrant	NL0012066203	GAS 3.59SPSOPENG	EUR											
Warrant	NL0012836472	GAS 3.89SPLOPENG	EUR	0,8500	0,8500	0,7100			0,7100					
Warrant	NL0012836407	GAS 4.38SPSOPENG	EUR											
Warrant	NL0012836225	GAS 4.71SPSOPENG	EUR											
Warrant	NL0012835672	GAS 5.07SPSOPENG	EUR	0,8500	1,0000	0,8500			1,0000					
Warrant	NL0012834931	GAS 5.45SPSOPENG	EUR	1,2200	1,3900	1,2200	417,0000	1	1,3700	300				
Warrant	NL0012835680	GAS 6.22SPSOPENG	EUR	1,9500	2,1000	1,9500								
Warrant	NL0012836092	GAS 6.65SPSOPENG	EUR	2,3500	2,5100	2,3500			2,5100					
Warrant	NL0011850888	GBL 68SPLOPENG	EUR	12,5500	13,1900	12,5500								
Warrant	NL0009111327	GBL 36.55PLOPENG	EUR	41,9200	42,5600	41,9200			42,5600					
Warrant	NL0010104246	GBL 40.35PLOPENG	EUR	38,3000	38,9400	38,3000			38,9400					
Warrant	NL0010207197	GBL 45.45PLOPENG	EUR	33,6100	34,2500	33,6100			34,2500					
Warrant	NL0010597985	GBL 56.45PLOPENG	EUR	23,3800	24,0200	23,3800			24,0200					
Warrant	NL0010542247	GBPUS 1.62SPSOPENG	EUR	34,9000	35,5400	34,9000			35,5400					
Warrant	NL0011857040	GBPUS1.216SPLOPENG	EUR	5,6900	5,6900	5,2500			5,2500					
Warrant	NL0011856844	GBPUS1.254SPLOPENG	EUR											
Warrant	NL0012068787	GBPUS1.276SPLOPENG	EUR											
Warrant	NL0012829717	GBPUS1.284SPLOPENG	EUR											
Warrant	NL0012837850	GBPUS1.308SPSOPENG	EUR	6,9400	7,4400	6,9400			7,4400					
Warrant	NL0012823413	GBPUS1.349SPSOPENG	EUR	10,5800	11,1000	10,5800			11,1000					
Warrant	NL0012481493	GBPUS1.391SPSOPENG	EUR	14,3400	14,8800	14,3400			14,8800					
Warrant	NL0010964243	GBPUS1.403SPLOPENG	EUR											
Warrant	NL0012471197	GBPUS1.434SPSOPENG	EUR	18,2100	18,7700	18,2100			18,7700					
Warrant	NL0011479696	GBPUS1.478SPSOPENG	EUR	22,2000	22,7700	22,2000			22,7700					
Warrant	NL0010944336	GBPUS1.524SPSOPENG	EUR	26,3200	26,9200	26,3200			26,9200					
Warrant	NL0010816260	GBPUS1.571SPSOPENG	EUR	30,5300	31,1500	30,5300			31,1500					
Warrant	NL0010597506	GBPUS1.668SPSOPENG	EUR	39,2500	39,9100	39,2500			39,9100					
Warrant	NL0010741112	GBPUS1.718SPSOPENG	EUR	43,7400	44,4200	43,7400			44,4200					
Warrant	DE000CV8AKA2	GILEA 80C 0319Z	EUR	0,0770	0,0830	0,0770			0,0830					
Warrant	DE000CV8AK96	GILEA 80C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV8AKB0	GILEA 90C 0319Z	EUR	0,0210	0,0220	0,0210			0,0220					
Warrant	DE000CV89557	GLPG 80C 1218Z	EUR	2,1750	2,1750	2,1750			2,1750					
Warrant	DE000CV89575	GLPG 88C 1218Z	EUR	0,8550	0,8550	0,8550			0,8550					
Warrant	DE000CV88045	GLPG 90C 0319Z	EUR	0,8850	0,8850	0,8850			0,8850					
Warrant	NL0012826432	GLPG 93SPLOPENG	EUR											
Warrant	DE000CV8AMP6	GLPG 98C 1218Z	EUR	0,0610	0,0610	0,0610			0,0610					
Warrant	DE000CV8AMQ4	GLPG 100C 0319Z	EUR	0,5050	0,5050	0,5050			0,5050					
Warrant	DE000C3PJX1	GLPG 105C 0619Z	EUR	0,6700	0,6700	0,6700			0,6700					
Warrant	DE000CV8AQX1	GLPG 108C 1218Z	EUR	0,0260	0,0260	0,0260			0,0260					
Warrant	DE000CV8AQY9	GLPG 110C 0319Z	EUR	0,2900	0,2900	0,2900			0,2900					
Warrant	NL0011845383	GLPG 36.45PLOPENG	EUR	57,6700	58,1400	57,6700			58,1400					
Warrant	NL0011844139	GLPG 41.65PLOPENG	EUR	52,9200	53,3900	52,9200			53,3900					
Warrant	NL0011844121	GLPG 43.85PLOPENG	EUR	50,9100	51,3800	50,9100			51,3800					
Warrant	NL0011845391	GLPG 47.15PLOPENG	EUR	47,9100	48,3800	47,9100			48,3800					
Warrant	NL0011859525	GLPG 49.55PLOPENG	EUR	45,7700	46,2400	45,7700			46,2400					
Warrant	NL0012065239	GLPG 51.75PLOPENG	EUR	39,7100	40,1800	39,7100			40,1800					
Warrant	NL0011859517	GLPG 54.65PLOPENG	EUR	41,1500	41,6200	41,1500			41,6200					
Warrant	NL0012064141	GLPG 55.85PLOPENG	EUR	35,7200	36,1900	35,7200			36,1900					
Warrant	NL0012063341	GLPG 57.35PLOPENG	EUR	38,6600	39,1300	38,6600			39,1300					
Warrant	NL0012064125	GLPG 59.35PLOPENG	EUR	32,1400	32,6100	32,1400			32,6100					
Warrant	NL0012065221	GLPG 62.35PLOPENG	EUR	29,1500	29,6200	29,1500			29,6200					
Warrant	NL0012075774	GLPG 63.25PLOPENG	EUR	33,3200	33,7900	33,3200			33,7900					
Warrant	NL0012468078	GLPG 69.75PLOPENG	EUR	27,4400	27,9100	27,4400			27,9100					
Warrant	NL0012822720	GLPG 76.85PLOPENG	EUR	20,9200	21,3900	20,9200			21,3900					
Warrant	NL0012823843	GLPG 80.35PLOPENG	EUR											
Warrant	NL0012831713	GLPG 80.65PLOPENG	EUR	17,4100	17,8800	17,4100			17,8800					
Warrant	NL0012827521	GLPG 84.35PLOPENG	EUR											
Warrant	NL0012831705	GLPG 84.55PLOPENG	EUR											
Warrant	NL0012835847	GLPG 84.75PLOPENG	EUR	13,7600	14,2300	13,7600			14,2300					
Warrant	NL0012825491	GLPG 88.45PLOPENG	EUR											
Warrant	NL0012826572	GLPG 88.55PLOPENG	EUR											
Warrant	NL0012833123	GLPG 88.75PLOPENG	EUR											
Warrant	NL0012826747	GLPG 92.95PLOPENG	EUR											
Warrant	NL0012826234	GLPG 92.95PLOPENG	EUR											
Warrant	NL0012829568	GLPG 93.15PLOPENG	EUR											
Warrant	NL0012827539	GLPG 93.45SPSOPENG	EUR											
Warrant	NL0012829550	GLPG 97.75PLOPENG	EUR											
Warrant	NL0012825509	GLPG 97.85SPSOPENG	EUR											
Warrant	NL0012471221	GLPG 104.45SPSOPENG	EUR											
Warrant	NL0012829576	GLPG 108.25SPSOPENG	EUR	29,9200	29,9200	29,3600			29,3600					
Warrant	NL0012829881	GLPG 112.55SPSOPENG	EUR	23,6300	23,6300	23,0700			23,0700					



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
Warrant	NL0012077937	GLPG 66.41SPLOPENG	EUR	25,0800	25,5500	25,0800			25,5500					
Warrant	NL0012078240	GLPG 69.73SPLOPENG	EUR	21,7300	22,2000	20,6400	516,0000	1	22,2000	25				
Warrant	NL0012822761	GLPG 73.23SPLOPENG	EUR	18,9900	19,4600	18,9900			19,4600					
Warrant	NL0012822753	GLPG 76.89SPLOPENG	EUR	15,3200	15,7900	14,9100	1491,0000	1	15,7900	100				
Warrant	NL0012823942	GLPG 80.41SPLOPENG	EUR											
Warrant	NL0012829873	GLPG 80.75SPLOPENG	EUR	11,6000	11,9400	11,1400	397,7200	2	11,9400	35				
Warrant	NL0012824270	GLPG 84.43SPLOPENG	EUR											
Warrant	NL0012829865	GLPG 84.56SPLOPENG	EUR											
Warrant	NL0012832869	GLPG 84.62SPLOPENG	EUR											
Warrant	NL0012834337	GLPG 84.79SPLOPENG	EUR	7,4300	8,1500	6,8400	26802,0000	13	7,9000	3470				
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	NL0012837199	GLPG 89.02SPLOPENG	EUR											
Warrant	NL0012825863	GLPG 92.95SPLOPENG	EUR											
Warrant	NL0012836019	GLPG 93.13SPSOPENG	EUR	4,2700	4,2700	3,7100			3,7100					
Warrant	NL0012829840	GLPG 93.21SPLOPENG	EUR											
Warrant	NL0012831895	GLPG 93.44SPSOPENG	EUR											
Warrant	NL0012827752	GLPG 95.01SPSOPENG	EUR											
Warrant	NL0012829832	GLPG 97.82SPLOPENG	EUR											
Warrant	NL0012462345	GMLTO 31SPLOPENG	EUR	21,8300	22,0100	21,8300			22,0100					
Warrant	NL0012467054	GMLTO 31.9SPLOPENG	EUR	19,0800	19,2600	19,0800			19,2600					
Warrant	NL0012469712	GMLTO 40.6SPLOPENG	EUR	12,8500	13,0300	12,8500			13,0300					
Warrant	NL0012473177	GMLTO 46.5SPLOPENG	EUR	7,3600	7,5400	7,3600			7,5400					
Warrant	NL0012470892	GMLTO 47.2SPLOPENG	EUR	3,7800	3,9600	3,7800			3,9600					
Warrant	NL0012835789	GMLTO 54.4SPSOPENG	EUR	8,2900	8,2900	8,0900			8,0900					
Warrant	NL0011366471	GMLTO 65.7SPSOPENG	EUR	20,4900	20,4900	20,2900			20,2900					
Warrant	NL0012463509	GMLTO27.43SPLOPENG	EUR	23,4500	23,6300	23,4500			23,6300					
Warrant	NL0012462956	GMLTO30.37SPLOPENG	EUR	20,5000	20,6800	20,5000			20,6800					
Warrant	NL0012832125	GMLTO51.79SPSOPENG	EUR	1,6800	1,6800	1,4800			1,4800					
Warrant	NL0012063044	GMLTO52.59SPLOPENG	EUR											
Warrant	NL0012071807	GMLTO52.86SPLOPENG	EUR											
Warrant	NL0012072581	GMLTO55.69SPSOPENG	EUR	5,4600	5,4600	5,2600			5,2600					
Warrant	NL0006408544	GOLD 773SPLOPENG	EUR	43,5900	43,6100	43,5900			43,6100					
Warrant	NL0006408551	GOLD 838SPLOPENG	EUR	38,0800	38,0800	38,0700			38,0700					
Warrant	NL0006408569	GOLD 902SPLOPENG	EUR	32,5800	32,5800	32,5400			32,5400					
Warrant	NL0012827562	GOLD 921SPLOPENG	EUR	30,9500	30,9500	30,9000			30,9000					
Warrant	NL0012827570	GOLD 957SPLOPENG	EUR	27,9200	27,9200	27,8600			27,8600					
Warrant	NL0006423535	GOLD 987SPLOPENG	EUR	25,2800	25,2800	25,2100			25,2100					
Warrant	NL0012827554	GOLD 997SPLOPENG	EUR	24,4600	24,4600	24,3800			24,3800					
Warrant	NL0012827547	GOLD 1023SPLOPENG	EUR	22,2900	22,2900	22,2100			22,2100					
Warrant	NL0011483169	GOLD 1029SPLOPENG	EUR	19,3300	19,3300	19,2300			19,2300					
Warrant	NL0006425571	GOLD 1050SPLOPENG	EUR	19,9400	19,9400	19,8400			19,8400					
Warrant	NL0011480074	GOLD 1050SPLOPENG	EUR	17,4800	17,4800	17,3700			17,3700					
Warrant	NL0011304779	GOLD 1071SPLOPENG	EUR	15,6000	15,6000	15,4800			15,4800					
Warrant	NL0009105469	GOLD 1088SPLOPENG	EUR	16,6900	16,6900	16,5800			16,5800					
Warrant	NL0011303797	GOLD 1093SPLOPENG	EUR	13,6800	13,6800	13,5500			13,5500					
Warrant	NL0011303789	GOLD 1116SPLOPENG	EUR	11,7200	11,7200	11,5900			11,5900					
Warrant	NL0011618392	GOLD 1124SPLOPENG	EUR	13,6400	13,6400	13,5200			13,5200					
Warrant	NL0009107663	GOLD 1126SPLOPENG	EUR	13,4500	13,4500	13,3200			13,3200					
Warrant	NL0010944815	GOLD 1138SPLOPENG	EUR	9,7200	9,7200	9,5700			9,5700					
Warrant	NL0011480942	GOLD 1149SPLOPENG	EUR	11,5200	11,5200	11,3800			11,3800					
Warrant	NL0011487533	GOLD 1161SPLOPENG	EUR	7,7000	7,7000	7,5300			7,5300					
Warrant	NL0011493820	GOLD 1168SPLOPENG	EUR											
Warrant	NL0011488671	GOLD 1171SPLOPENG	EUR	9,5700	9,5700	9,4200			9,4200					
Warrant	NL0011493192	GOLD 1178SPLOPENG	EUR											
Warrant	NL0012827638	GOLD 1182SPLOPENG	EUR											
Warrant	NL0012827679	GOLD 1184SPLOPENG	EUR	5,6300	5,6300	5,4600			5,4600					
Warrant	NL0012831473	GOLD 1187SPLOPENG	EUR											
Warrant	NL0012062491	GOLD 1192SPLOPENG	EUR											
Warrant	NL0012832018	GOLD 1195SPLOPENG	EUR	7,5600	7,5600	7,4000			7,4000					
Warrant	NL0012062798	GOLD 1202SPLOPENG	EUR											
Warrant	NL0012832786	GOLD 1204SPLOPENG	EUR											
Warrant	NL0012836795	GOLD 1208SPLOPENG	EUR	3,5500	3,7300	3,2500	3865,1500	16	3,3700	1075				
Warrant	NL0012832653	GOLD 1214SPLOPENG	EUR											
Warrant	NL0012837454	GOLD 1219SPLOPENG	EUR	5,5200	5,5200	5,3500			5,3500					
Warrant	NL0012826978	GOLD 1220SPSOPENG	EUR											
Warrant	NL0011634399	GOLD 1227SPLOPENG	EUR											
Warrant	NL0012826937	GOLD 1228SPSOPENG	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	NL0012068910	GOLD 1232SPLOPENG	EUR											
Warrant	NL0011634522	GOLD 1240SPLOPENG	EUR											
Warrant	NL0012070213	GOLD 1244SPLOPENG	EUR											
Warrant	NL0011858428	GOLD 1251SPLOPENG	EUR											
Warrant	NL0012824635	GOLD 1254SPSOPENG	EUR	0,8700	1,0700	0,8700				1,0700				
Warrant	NL0012825897	GOLD 1258SPSOPENG	EUR	4,5400	4,7500	4,5400				4,7500				
Warrant	NL0012826465	GOLD 1265SPSOPENG	EUR	1,8500	2,0500	1,8500				2,0500				
Warrant	NL0012822738	GOLD 1279SPSOPENG	EUR	3,1800	3,3900	3,1800				3,3900				
Warrant	NL0012822050	GOLD 1306SPSOPENG	EUR	5,4600	5,6800	5,4600				5,6800				
Warrant	NL0012819601	GOLD 1332SPSOPENG	EUR	7,8000	8,0400	7,8000				8,0400				
Warrant	NL0012480412	GOLD 1359SPSOPENG	EUR	10,2000	10,4400	10,2000				10,4400				
Warrant	NL0011850722	GOLD 1378SPSOPENG	EUR	15,4600	15,7300	15,4600				15,7300				
Warrant	NL0010358610	GOLD 1387SPSOPENG	EUR	12,4400	12,6900	12,4400				12,6900				
Warrant	NL0010358453	GOLD 1421SPSOPENG	EUR	19,3300	19,6200	19,3300				19,6200				
Warrant	NL0012079537	GOLD 1427SPSOPENG	EUR	16,1200	16,3900	16,1200				16,3900				
Warrant	NL0010357943	GOLD 1457SPSOPENG	EUR	22,6400	22,9400	22,6400				22,9400				
Warrant	NL0010209201	GOLD 1656SPSOPENG	EUR	36,1100	36,4900	36,1100				36,4900				
Warrant	NL0009765932	GOLD 1828SPSOPENG	EUR	56,2900	56,7500	56,2900				56,7500				
Warrant	NL0009876564	GOLD 1919SPSOPENG	EUR	64,5800	65,0900	64,5800				65,0900				
Warrant	NL0010689527	HEINK 45SPLOPENG	EUR	36,3600	37,7200	36,3600				37,7200				
Warrant	NL0011016357	HEINK 61SPLOPENG	EUR	21,5400	22,9000	21,5400				22,9000				
Warrant	NL0006427791	HEINK 9.1SPLOPENG	EUR	69,8200	71,1800	69,8200				71,1800				
Warrant	NL0009110154	HEINK 18.5SPLOPENG	EUR	61,0400	62,4000	61,0400				62,4000				
Warrant	NL0009766724	HEINK 26.4SPLOPENG	EUR	53,6700	55,0300	53,6700				55,0300				
Warrant	NL0010085627	HEINK 36.2SPLOPENG	EUR	44,5800	45,9400	44,5800				45,9400				
Warrant	NL0010202412	HEINK 38.5SPLOPENG	EUR	42,4900	43,8500	42,4900				43,8500				
Warrant	NL0010812129	HEINK 48.7SPLOPENG	EUR	33,0000	34,3600	33,0000				34,3600				
Warrant	NL0010830899	HEINK 52.5SPLOPENG	EUR	29,4300	30,7900	29,4300				30,7900				
Warrant	NL0010968715	HEINK 56.6SPLOPENG	EUR	25,6200	26,9800	25,6200				26,9800				
Warrant	NL0011362264	HEINK 65.6SPLOPENG	EUR	17,2700	18,6300	17,2700				18,6300				
Warrant	NL0012069546	HEINK 77.3SPLOPENG	EUR											
Warrant	NL0012474688	HEINK 80.5SPLOPENG	EUR											
Warrant	NL0012825434	HEINK 86.5SPLOPENG	EUR											
Warrant	NL0012469381	HEINK 97.9SPSOPENG	EUR	20,3400	20,3400	18,9400				18,9400				
Warrant	NL0010679700	HEINK43.14SPLOPENG	EUR	35,4200	36,7800	35,4200				36,7800				
Warrant	NL0010689758	HEINK45.64SPLOPENG	EUR	32,9200	34,2800	32,9200				34,2800				
Warrant	NL0010743142	HEINK48.23SPLOPENG	EUR	30,3300	31,6900	30,3300				31,6900				
Warrant	NL0010813705	HEINK50.93SPLOPENG	EUR	27,6300	28,9900	27,6300				28,9900				
Warrant	NL0010940037	HEINK53.77SPLOPENG	EUR	24,7900	26,1500	24,7900				26,1500				
Warrant	NL0010967618	HEINK56.75SPLOPENG	EUR	21,8200	23,1800	21,8200				23,1800				
Warrant	NL0011011606	HEINK59.87SPLOPENG	EUR	18,7000	20,0600	18,7000				20,0600				
Warrant	NL0011022132	HEINK63.15SPLOPENG	EUR	15,4100	16,7700	15,4100				16,7700				
Warrant	NL0011363098	HEINK66.55SPLOPENG	EUR	12,0200	13,3800	12,0200	1310,0000	1	13,3800	100				
Warrant	NL0012065379	HEINK70.02SPLOPENG	EUR	8,6000	9,9600	8,6000				9,9600				
Warrant	NL0012066179	HEINK73.67SPLOPENG	EUR	4,9400	6,3000	4,9400	181,5500	2	6,3000	35				
Warrant	NL0012833172	HEINK77.21SPLOPENG	EUR											
Warrant	NL0012834428	HEINK77.36SPLOPENG	EUR											
Warrant	NL0011844360	HEINK77.66SPLOPENG	EUR											
Warrant	NL0012473532	HEINK81.17SPLOPENG	EUR											
Warrant	NL0012837173	HEINK84.66SPSOPENG	EUR	6,9900	6,9900	5,5900				5,5900				
Warrant	NL0012823744	HEINK85.21SPLOPENG	EUR											
Warrant	NL0012825095	HEINK89.96SPLOPENG	EUR											
Warrant	NL0012826242	HEINK91.04SPSOPENG	EUR	13,3800	13,3800	11,9800				11,9800				
Warrant	NL0010466041	HENKE 54.7SPLOPENG	EUR	48,0200	49,2500	48,0200				49,2500				
Warrant	NL0010458881	HENKE 59.4SPLOPENG	EUR	43,7000	44,9300	43,7000				44,9300				
Warrant	NL0010458808	HENKE 66.2SPLOPENG	EUR	37,3000	38,5300	37,3000				38,5300				
Warrant	NL0010526380	HENKE 71.4SPLOPENG	EUR	32,5200	33,7500	32,5200				33,7500				
Warrant	NL0010946323	HENKE 78.3SPLOPENG	EUR	26,0600	27,2900	26,0600				27,2900				
Warrant	NL0010953790	HENKE 85.9SPLOPENG	EUR	19,0000	20,2300	19,0000				20,2300				
Warrant	NL0012825483	HENKE101.65SPLOPENG	EUR											
Warrant	NL0011493523	HSCEI 6150SPLOPENG	EUR	5,0400	5,0400	5,0400				5,0400				
Warrant	NL0011491485	HSCEI 6530SPLOPENG	EUR	4,6300	4,6300	4,6300				4,6300				
Warrant	NL0011623467	HSCEI 6910SPLOPENG	EUR	4,2200	4,2200	4,2200				4,2200				
Warrant	NL0011623566	HSCEI 7320SPLOPENG	EUR	3,7900	3,7900	3,7900				3,7900				
Warrant	NL0011847231	HSCEI 7720SPLOPENG	EUR	3,3500	3,3500	3,3500				3,3500				
Warrant	NL0011849088	HSCEI 8150SPLOPENG	EUR	2,8900	2,8900	2,8900				2,8900				
Warrant	NL0011850003	HSCEI 8600SPLOPENG	EUR	2,4100	2,4100	2,4100				2,4100				
Warrant	NL0012064182	HSCEI 9070SPLOPENG	EUR	1,9100	1,9100	1,9100				1,9100				
Warrant	NL0011488754	HSCEI 9540SPSOPENG	EUR											
Warrant	NL0012072433	HSCEI 9560SPLOPENG	EUR	1,3400	1,4400	1,3400				1,4400				
Warrant	NL0012075915	HSCEI10010SPLOPENG	EUR											
Warrant	NL0012836977	HSCEI10040SPLOPENG	EUR	0,8300	0,9200	0,8300				0,9200				



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
Warrant	NL0012825640	HSCEI105.10SPLOPENG	EUR											
Warrant	NL0012828032	HSCEI105.20SPLOPENG	EUR											
Warrant	NL0012828040	HSCEI111.10SPLOPENG	EUR	1,7000	1,7000	1,6100				1,6100				
Warrant	NL0012825657	HSCEI117.00SPLOPENG	EUR	2,4000	2,4000	2,3100				2,3100				
Warrant	NL0012475719	HSCEI123.20SPLOPENG	EUR	3,1300	3,1300	3,0500				3,0500				
Warrant	NL0012472971	HSCEI129.00SPLOPENG	EUR	3,9200	3,9200	3,8500				3,8500				
Warrant	NL0012469787	HSCEI137.00SPLOPENG	EUR	4,7600	4,7600	4,6900				4,6900				
Warrant	NL0012471114	HSCEI144.10SPLOPENG	EUR	5,6000	5,6000	5,5300				5,5300				
Warrant	NL0006408130	HSI 4920SPLOPENG	EUR	23,8300	23,8300	23,8300				23,8300				
Warrant	NL0006429086	HSI 6870SPLOPENG	EUR	21,7300	21,7300	21,7300				21,7300				
Warrant	NL0009107994	HSI 11270SPLOPENG	EUR	17,0100	17,0100	17,0100				17,0100				
Warrant	NL0009881267	HSI 12130SPLOPENG	EUR	16,1300	16,1300	16,1300				16,1300				
Warrant	NL0009902261	HSI 13930SPLOPENG	EUR	14,1900	14,1900	14,1900				14,1900				
Warrant	NL0010098232	HSI 14910SPLOPENG	EUR	13,1400	13,1400	13,1400				13,1400				
Warrant	NL0010103727	HSI 15920SPLOPENG	EUR	12,0600	12,0600	12,0600				12,0600				
Warrant	NL0010208468	HSI 16970SPLOPENG	EUR	10,9400	10,9400	10,9400				10,9400				
Warrant	NL0011623558	HSI 17940SPLOPENG	EUR	9,8900	9,8900	9,8900				9,8900				
Warrant	NL0011845490	HSI 18950SPLOPENG	EUR	8,8100	8,8100	8,8100				8,8100				
Warrant	NL0011849997	HSI 20000SPLOPENG	EUR	7,6800	7,6800	7,6800				7,6800				
Warrant	NL0012064562	HSI 21090SPLOPENG	EUR	6,5100	6,5100	6,5100				6,5100				
Warrant	NL0012065874	HSI 22240SPLOPENG	EUR	5,2800	5,2800	5,2800				5,2800				
Warrant	NL0012072417	HSI 23440SPLOPENG	EUR	3,9900	3,9900	3,9900				3,9900				
Warrant	NL0012075907	HSI 24600SPLOPENG	EUR											
Warrant	NL0012837892	HSI 24620SPLOPENG	EUR	2,7400	2,7400	2,7400				2,7400				
Warrant	NL0012077721	HSI 25890SPLOPENG	EUR											
Warrant	NL0012837900	HSI 27190SPLOPENG	EUR	3,2100	3,2100	3,2100				3,2100				
Warrant	NL0012833347	HSI 27190SPLOPENG	EUR											
Warrant	NL0012828313	HSI 27200SPLOPENG	EUR											
Warrant	NL0012462733	HSI 27280SPLOPENG	EUR											
Warrant	NL0012822027	HSI 30130SPLOPENG	EUR	6,7000	6,7000	6,7000				6,7000				
Warrant	NL0012472963	HSI 31750SPLOPENG	EUR	8,6100	8,6100	8,6100				8,6100				
Warrant	NL0012469761	HSI 33470SPLOPENG	EUR	10,6500	10,6500	10,6500				10,6500				
Warrant	NL0009901933	IBEX 4000SPLOPENG	EUR	4,9400	4,9400	4,9400				4,9400				
Warrant	NL0010203337	IBEX 4320SPLOPENG	EUR	4,6400	4,6800	4,6400				4,6800				
Warrant	NL0010203733	IBEX 4660SPLOPENG	EUR	4,3200	4,3600	4,3200				4,3600				
Warrant	NL0010204335	IBEX 5010SPLOPENG	EUR	3,9800	4,0200	3,9800				4,0200				
Warrant	NL0010207106	IBEX 5780SPLOPENG	EUR	3,2500	3,2900	3,2500				3,2900				
Warrant	NL0010528964	IBEX 6590SPLOPENG	EUR	2,4800	2,5200	2,4800				2,5200				
Warrant	NL0010530408	IBEX 7020SPLOPENG	EUR	2,0700	2,1100	2,0700				2,1100				
Warrant	NL0011847686	IBEX 7410SPLOPENG	EUR	1,7000	1,7400	1,7000				1,7400				
Warrant	NL0011850813	IBEX 7820SPLOPENG	EUR	1,3100	1,3500	1,3100				1,3500				
Warrant	NL0011862859	IBEX 8240SPLOPENG	EUR	0,9000	0,9500	0,9000				0,9500				
Warrant	NL0012829295	IBEX 8480SPLOPENG	EUR	0,6700	0,7200	0,6700				0,7200				
Warrant	NL0012063598	IBEX 8720SPLOPENG	EUR											
Warrant	NL0012836985	IBEX 8910SPLOPENG	EUR											
Warrant	NL0012835177	IBEX 8910SPLOPENG	EUR											
Warrant	NL0012830020	IBEX 9160SPLOPENG	EUR											
Warrant	NL0012067813	IBEX 9180SPLOPENG	EUR											
Warrant	NL0012837918	IBEX 9460SPLOPENG	EUR	1,2800	1,2800	1,2400				1,2400				
Warrant	NL0012822878	IBEX 9620SPLOPENG	EUR											
Warrant	NL0012476014	IBEX 9970SPLOPENG	EUR	1,8000	1,8000	1,7600				1,7600				
Warrant	NL0011027925	IBEX 10510SPLOPENG	EUR	2,3700	2,3700	2,3300				2,3300				
Warrant	NL0010748083	IBEX 10910SPLOPENG	EUR											
Warrant	NL0011212105	IBEX 11100SPLOPENG	EUR	3,0000	3,0000	2,9500				2,9500				
Warrant	NL0012075725	IBEX 11680SPLOPENG	EUR	3,6000	3,6000	3,5600				3,5600				
Warrant	NL0011362512	IBM 111SPLOPENG	EUR	1,6500	1,6500	1,6500				1,6500				
Warrant	NL0011628169	IBM 136SPLOPENG	EUR											
Warrant	NL0009909365	INBEV 32SPLOPENG	EUR	32,7500	33,4000	32,7500				33,4000				
Warrant	NL0012836498	INBEV 73SPLOPENG	EUR	16,7100	16,7100	16,0000				16,0000				
Warrant	NL0010200788	INBEV 50.45SPLOPENG	EUR	15,6300	16,2800	15,6300				16,2800				
Warrant	NL0010465779	INBEV 56.35SPLOPENG	EUR	10,1100	10,7600	10,1100				10,7600				
Warrant	NL0010681219	INBEV 62.75SPLOPENG	EUR											
Warrant	NL0010743209	INBEV 70.25SPLOPENG	EUR											
Warrant	NL0012478135	INBEV 72.55SPLOPENG	EUR											
Warrant	NL0010946281	INBEV 77.55SPLOPENG	EUR											
Warrant	NL0012826119	INBEV 82.85SPLOPENG	EUR											
Warrant	NL0012476899	INBEV103.95SPLOPENG	EUR	42,3700	42,3700	41,6600				41,6600				
Warrant	NL0011027990	INBEV117.15SPLOPENG	EUR	64,3000	64,3000	63,5900				63,5900				
Warrant	NL0012834022	INBEV52.88SPLOPENG	EUR	10,2700	10,9200	9,9600	996,0000	1		10,9200	100			
Warrant	NL0012834014	INBEV55.57SPLOPENG	EUR	7,5700	8,2200	7,5700				8,2200				
Warrant	NL0012834006	INBEV58.53SPLOPENG	EUR	4,6200	5,2700	4,6200				5,2700				
Warrant	NL0012833180	INBEV61.64SPLOPENG	EUR	1,5000	2,1500	1,5000	48,2500	1		2,1500	25			



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012835342	INBEV64.77SPLOPENG	EUR											
Warrant	NL0012834303	INBEV65.32SPLOPENG	EUR											
Warrant	NL0012829949	INBEV65.46SPLOPENG	EUR											
Warrant	NL0012837322	INBEV66.98SPSOPENG	EUR	5,4200	5,4200	4,7100			4,7100					
Warrant	NL0012835201	INBEV67.83SPSOPENG	EUR											
Warrant	NL0012818629	INBEV68.91SPLOPENG	EUR											
Warrant	NL0012835953	INBEV72.03SPSOPENG	EUR	10,4800	10,4800	9,7700			9,7700					
Warrant	NL0012830723	INBEV76.06SPLOPENG	EUR											
Warrant	NL0012477889	INBEV76.25SPLOPENG	EUR											
Warrant	NL0012831366	INBEV77.52SPSOPENG	EUR	15,9700	15,9700	15,2600			15,2600					
Warrant	NL0012821706	INBEV80.05SPLOPENG	EUR											
Warrant	NL0012829105	INBEV83.43SPSOPENG	EUR	21,8800	21,8800	21,1700			21,1700					
Warrant	NL0012822647	INBEV83.98SPLOPENG	EUR											
Warrant	NL0012826887	INBEV84.04SPLOPENG	EUR											
Warrant	NL0012825756	INBEV89.78SPSOPENG	EUR	28,2300	28,2300	27,5200			27,5200					
Warrant	NL0010202446	ING 3SPLOPENG	EUR	7,1600	7,2500	7,1600			7,2500					
Warrant	NL0011844030	ING 7SPLOPENG	EUR	3,5200	3,6100	3,5200			3,6100					
Warrant	DE000CJ3N0G1	ING 11C 0319Z	EUR	0,2050	0,2050	0,2050			0,2050					
Warrant	DE000CJ3N9F3	ING 11C 1218Z	EUR	0,0130	0,0130	0,0130			0,0130					
Warrant	DE000CV8AVU7	ING 12C 0319Z	EUR	0,0740	0,0740	0,0740			0,0740					
Warrant	DE000CJ3PJZ6	ING 12C 0619Z	EUR	0,1350	0,1350	0,1350			0,1350					
Warrant	DE000CV895V1	ING 12C 1218Z	EUR	0,0120	0,0120	0,0120			0,0120					
Warrant	DE000CV8AMR2	ING 14C 0319Z	EUR	0,0140	0,0140	0,0140			0,0140					
Warrant	NL0009879188	ING 0.1SPLOPENG	EUR	9,8500	9,9400	9,8500			9,9400					
Warrant	NL0009109909	ING 0.6SPLOPENG	EUR	9,3300	9,4100	9,3300			9,4100					
Warrant	NL0009107739	ING 1.2SPLOPENG	EUR	8,7600	8,8400	8,7600			8,8400					
Warrant	NL0009107721	ING 1.9SPLOPENG	EUR	8,1100	8,1900	8,1100			8,1900					
Warrant	NL0010099842	ING 2.2SPLOPENG	EUR	7,9300	8,0100	7,9300			8,0100					
Warrant	NL0010100111	ING 2.4SPLOPENG	EUR	7,7000	7,7800	7,7000			7,7800					
Warrant	NL0010201844	ING 2.7SPLOPENG	EUR	7,4400	7,5200	7,4400			7,5200					
Warrant	NL0010203642	ING 3.3SPLOPENG	EUR	6,8800	6,9700	6,8800			6,9700					
Warrant	NL0010357497	ING 3.6SPLOPENG	EUR	6,6400	6,7200	6,6400			6,7200					
Warrant	NL0010360905	ING 3.9SPLOPENG	EUR	6,3300	6,4100	6,3300			6,4100					
Warrant	NL0010362810	ING 4.2SPLOPENG	EUR	6,0300	6,1200	6,0300			6,1200					
Warrant	NL0010465795	ING 4.6SPLOPENG	EUR	5,7100	5,8000	5,7100			5,8000					
Warrant	NL0010467684	ING 4.9SPLOPENG	EUR	5,4100	5,4900	5,4100			5,4900					
Warrant	NL0010527297	ING 5.3SPLOPENG	EUR	5,0400	5,1300	5,0400			5,1300					
Warrant	NL0010529897	ING 5.7SPLOPENG	EUR	4,6900	4,7800	4,6900			4,7800					
Warrant	NL0010531042	ING 6.2SPLOPENG	EUR	4,2800	4,3600	4,2800			4,3600					
Warrant	NL0010541934	ING 6.6SPLOPENG	EUR	3,9000	3,9900	3,9000			3,9900					
Warrant	NL0011847454	ING 7.5SPLOPENG	EUR	3,1000	3,1900	3,1000			3,1900					
Warrant	NL0011848346	ING 7.9SPLOPENG	EUR	2,7000	2,7800	2,6700	2670,0000	1	2,7800	1000				
Warrant	NL0011850912	ING 8.2SPLOPENG	EUR	2,4400	2,5900	2,4000	12856,0000	3	2,5200	5040				
Warrant	NL0011850904	ING 8.5SPLOPENG	EUR	2,1700	2,2500	2,1700			2,2500					
Warrant	NL0011850896	ING 8.8SPLOPENG	EUR	1,9100	1,9900	1,9100			1,9900					
Warrant	NL0011851878	ING 9.1SPLOPENG	EUR	1,6000	1,6800	1,6000			1,6800					
Warrant	NL0011856174	ING 9.5SPLOPENG	EUR	1,2800	1,3600	1,2800			1,3600					
Warrant	NL0011857362	ING 9.8SPLOPENG	EUR											
Warrant	NL0012833719	ING 10.1SPLOPENG	EUR											
Warrant	NL0011857644	ING 10.1SPLOPENG	EUR											
Warrant	NL0012834592	ING 10.1SPLOPENG	EUR											
Warrant	NL0012834584	ING 10.4SPLOPENG	EUR											
Warrant	NL0012833081	ING 10.4SPLOPENG	EUR											
Warrant	DE000CJ3PJY9	ING 10.5C 0619Z	EUR	0,4350	0,4350	0,4350			0,4350					
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	NL0011853338	ING 11.1SPLOPENG	EUR											
Warrant	NL0012830418	ING 11.1SPLOPENG	EUR											
Warrant	NL0012831143	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	NL0010355046	ING 3.7SPLOPENG	EUR	6,5400	6,6300	6,5400			6,6300					
Warrant	NL0010468138	ING 5.36SPLOPENG	EUR	4,5700	4,6600	4,5700			4,6600					
Warrant	NL0012833552	ING 10.11SPLOPENG	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	NL0012834451	ING 10.13SPLOPENG	EUR											
Warrant	NL0011857230	ING 10.145SPLOPENG	EUR											
Warrant	NL0012834444	ING 10.435SPLOPENG	EUR											
Warrant	NL0011857719	ING 10.495SPLOPENG	EUR											
Warrant	NL0012836712	ING 10.745SPLOPENG	EUR											
Warrant	NL0012834436	ING 10.745SPLOPENG	EUR											
Warrant	NL0012836324	ING 10.745SPLOPENG	EUR											
Warrant	NL0011858956	ING 10.825SPLOPENG	EUR											
Warrant	NL0012830483	ING 11.125SPLOPENG	EUR											
Warrant	NL0012831259	ING 11.125SPLOPENG	EUR											
Warrant	NL0011859202	ING 11.195SPLOPENG	EUR											
Warrant	NL0012830731	ING 11.455SPLOPENG	EUR											
Warrant	NL0011862099	ING 11.565SPLOPENG	EUR											
Warrant	NL0012823272	ING 11.915SPLOPENG	EUR											
Warrant	NL0012825350	ING 12.275SPLOPENG	EUR											
Warrant	NL0010209789	ING 3.6735SPLOPENG	EUR	6,2300	6,3100	6,2300				6,3100				
Warrant	NL0010361135	ING 4.3015SPLOPENG	EUR	5,6000	5,6800	5,6000				5,6800				
Warrant	NL0010449583	ING 4.6365SPLOPENG	EUR	5,2700	5,3500	5,2700				5,3500				
Warrant	NL0010466363	ING 4.9895SPLOPENG	EUR	4,9500	5,0400	4,9500				5,0400				
Warrant	NL0010528311	ING 5.7495SPLOPENG	EUR	4,2000	4,2900	4,2000				4,2900				
Warrant	NL0010530903	ING 6.1585SPLOPENG	EUR	3,7800	3,8700	3,7800				3,8700				
Warrant	NL0010531026	ING 6.5885SPLOPENG	EUR	3,3000	3,3900	3,3000				3,3900				
Warrant	NL0010543476	ING 7.0395SPLOPENG	EUR	2,8500	2,9600	2,8500	1480,0000	1	2,9400	500				
Warrant	NL0011847298	ING 7.4715SPLOPENG	EUR	2,4700	2,5500	2,4700	254,0000	1	2,5500	100				
Warrant	NL0011847959	ING 7.9255SPLOPENG	EUR	2,0200	2,1000	1,9300	772,0000	1	2,1000	400				
Warrant	NL0011850474	ING 8.3915SPLOPENG	EUR	1,5500	1,6300	1,5500	77,5000	1	1,6300	50				
Warrant	NL0011850466	ING 8.8795SPLOPENG	EUR	1,0300	1,1200	0,9600	2451,5700	3	1,1200	2347				
Warrant	NL0011851340	ING 9.1875SPLOPENG	EUR	0,7800	0,8700	0,6900	4172,5000	4	0,8700	5650				
Warrant	NL0011856067	ING 9.5045SPLOPENG	EUR	0,4000	0,5600	0,3100	75477,8400	31	0,4700	189388				
Warrant	NL0011856646	ING 9.8325SPLOPENG	EUR											
Warrant	NL0010531091	KBC 26SPLOPENG	EUR	35,6900	36,5300	35,6900				36,5300				
Warrant	NL0010694592	KBC 32SPLOPENG	EUR	27,5600	28,4000	27,5600				28,4000				
Warrant	NL0012070601	KBC 56SPLOPENG	EUR	3,5700	4,4100	3,5700				4,4100				
Warrant	NL0012836993	KBC 62SPLOPENG	EUR											
Warrant	DE000CJ3P101	KBC 63C 0619Z	EUR	0,6200	0,6200	0,6200				0,6200				
Warrant	DE000CV895X7	KBC 63C 1218Z	EUR	0,0890	0,0890	0,0890				0,0890				
Warrant	DE000CJ3N9H9	KBC 64C 0319Z	EUR	0,4300	0,4300	0,4300				0,4300				
Warrant	DE000CV8AM50	KBC 70C 0319Z	EUR	0,1650	0,1650	0,1650				0,1650				
Warrant	DE000CV895Y5	KBC 70C 1218Z	EUR	0,0130	0,0130	0,0130				0,0130				
Warrant	DE000CJ3P119	KBC 72C 0619Z	EUR	0,2150	0,2150	0,2150				0,2150				
Warrant	NL0010218137	KBC 14.55PLOPENG	EUR	46,1700	47,0100	46,1700				47,0100				
Warrant	NL0010219358	KBC 17.95PLOPENG	EUR	43,0800	43,9200	43,0800				43,9200				
Warrant	NL0010530333	KBC 23.85PLOPENG	EUR	37,6900	38,5300	37,6900				38,5300				
Warrant	NL0010536868	KBC 28.45PLOPENG	EUR	33,5300	34,3700	33,5300				34,3700				
Warrant	NL0010939120	KBC 31.65PLOPENG	EUR	30,5500	31,3900	30,5500				31,3900				
Warrant	NL0011846357	KBC 34.35PLOPENG	EUR	28,1200	28,9600	28,1200				28,9600				
Warrant	NL0011848833	KBC 38.15PLOPENG	EUR	21,4800	22,3200	21,4800				22,3200				
Warrant	NL0011850573	KBC 40.35PLOPENG	EUR	19,2600	20,1000	19,2600				20,1000				
Warrant	NL0011855341	KBC 43.55PLOPENG	EUR	19,7700	20,6100	19,7700				20,6100				
Warrant	NL0011859756	KBC 50.35PLOPENG	EUR	9,2700	10,1100	9,2700				10,1100				
Warrant	NL0012064661	KBC 50.65PLOPENG	EUR	13,3000	14,1400	13,3000				14,1400				
Warrant	NL0012073258	KBC 59.75PLOPENG	EUR											
Warrant	NL0012821482	KBC 62.85PLOPENG	EUR											
Warrant	NL0010753679	KBC 28.195PLOPENG	EUR	31,3700	32,2100	31,3700				32,2100				
Warrant	NL0010831020	KBC 33.985PLOPENG	EUR	25,5900	26,4300	25,5900				26,4300				
Warrant	NL0011847991	KBC 35.985PLOPENG	EUR	23,5900	24,4300	23,5900				24,4300				
Warrant	NL0011852090	KBC 42.635PLOPENG	EUR	16,9400	17,7800	16,9400				17,7800				
Warrant	NL0011856786	KBC 45.065PLOPENG	EUR	14,5100	15,3500	14,5100				15,3500				
Warrant	NL0012070387	KBC 53.085PLOPENG	EUR	6,4900	7,3300	6,4900				7,3300				
Warrant	NL0012835987	KBC 58.815PLOPENG	EUR											
Warrant	NL0012076848	KBC 62.635PLOPENG	EUR											
Warrant	NL0012829964	KBC 62.685PLOPENG	EUR											
Warrant	NL0012824809	KBC 66.735PSPLOPENG	EUR	8,0000	8,0000	7,1000				7,1000				
Warrant	NL0012478200	KBC 71.835PSPLOPENG	EUR	13,1000	13,1000	12,2000				12,2000				
Warrant	DE000CV89851	KGX 110C 0619Z	EUR	0,0100	0,0100	0,0100				0,0100				
Warrant	NL0011018122	KPN 25PLOPENG	EUR	0,8200	0,8800	0,8200	799,9200	1	0,8200	909				
Warrant	NL0010351045	KPN 0.35PLOPENG	EUR	2,3200	2,3200	2,3200				2,3200				
Warrant	NL0010350260	KPN 0.55PLOPENG	EUR	2,1600	2,1600	2,1600				2,1600				
Warrant	NL0010461570	KPN 0.65PLOPENG	EUR	2,1100	2,1100	2,1100				2,1100				
Warrant	NL0010461836	KPN 0.75PLOPENG	EUR	1,9800	1,9800	1,9800				1,9800				
Warrant	NL0010465803	KPN 0.85PLOPENG	EUR	1,8800	1,8800	1,8800				1,8800				
Warrant	NL0010528345	KPN 0.95PLOPENG	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
Warrant	NL0010528337	KPN 1.15PLOPENG	EUR	1,6400	1,6400	1,6400			1,6400					
Warrant	NL0010529194	KPN 1.25PLOPENG	EUR	1,5000	1,5000	1,5000			1,5000					
Warrant	NL0010531331	KPN 1.45PLOPENG	EUR	1,3700	1,3700	1,3700			1,3700					
Warrant	NL0010830089	KPN 1.55PLOPENG	EUR	1,3000	1,3000	1,3000			1,3000					
Warrant	NL0010940078	KPN 1.65PLOPENG	EUR	1,2100	1,2100	1,2100			1,2100					
Warrant	NL0010941084	KPN 1.75PLOPENG	EUR	1,0500	1,0500	1,0500			1,0500					
Warrant	NL0011011945	KPN 1.95PLOPENG	EUR	0,9500	0,9500	0,9500			0,9500					
Warrant	DE000CV89622	KPN 2.2C 1218Z	EUR	0,3850	0,3850	0,3850			0,3850					
Warrant	NL0011021183	KPN 2.25PLOPENG	EUR	0,6900	0,6900	0,6900			0,6900					
Warrant	NL0012822993	KPN 2.35PLOPENG	EUR											
Warrant	NL0012833727	KPN 2.35PLOPENG	EUR											
Warrant	DE000CV89630	KPN 2.4C 1218Z	EUR	0,1950	0,1950	0,1950			0,1950					
Warrant	NL0012825954	KPN 2.55PLOPENG	EUR											
Warrant	NL0012826127	KPN 2.55PLOPENG	EUR											
Warrant	NL0012827422	KPN 2.55PSOPENG	EUR											
Warrant	NL0012474696	KPN 2.65PSOPENG	EUR											
Warrant	NL0011850920	KPN 2.75PLOPENG	EUR											
Warrant	NL0012469621	KPN 2.85PSOPENG	EUR	0,6500	0,6500	0,6500			0,6500					
Warrant	NL0011296728	KPN 3.15PSOPENG	EUR	0,9800	0,9800	0,9800			0,9800					
Warrant	NL0012828198	KPN 1.95SPLOPENG	EUR	0,7100	0,7100	0,7100			0,7100					
Warrant	NL0011861612	KPN 2.09SPLOPENG	EUR	0,5600	0,5600	0,5600			0,5600					
Warrant	NL0011854443	KPN 2.25SPLOPENG	EUR											
Warrant	NL0012832836	KPN 2.25SPLOPENG	EUR	0,4100	0,4100	0,4100			0,4100					
Warrant	NL0012830749	KPN 2.25SPLOPENG	EUR											
Warrant	NL0012836720	KPN 2.42SPLOPENG	EUR	0,2500	0,2500	0,2500			0,2500					
Warrant	NL0012825764	KPN 2.46SPLOPENG	EUR											
Warrant	NL0012836787	KPN 2.51SPLOPENG	EUR	0,1600	0,1600	0,1600			0,1600					
Warrant	NL0012475677	KPN 2.75SPSOPENG	EUR	0,2400	0,2400	0,2400			0,2400					
Warrant	NL0011625587	KPN 3.04SPSOPENG	EUR	0,5300	0,5300	0,5300			0,5300					
Warrant	NL0012833115	LIGHT 16.55PLOPENG	EUR	5,8600	5,8600	5,0000			5,0000					
Warrant	NL0012823686	LIGHT 17.85PLOPENG	EUR	4,7100	4,7100	3,8500			3,8500					
Warrant	NL0012823132	LIGHT 19.15PLOPENG	EUR	3,4800	3,4800	2,6200			2,6200					
Warrant	NL0012836514	LIGHT 20.45PLOPENG	EUR	2,2300	2,2300	2,2300			2,2300					
Warrant	NL0012820047	LIGHT 20.45PLOPENG	EUR											
Warrant	NL0012834519	LIGHT 21.15PLOPENG	EUR											
Warrant	NL0012833941	LIGHT 21.85PSOPENG	EUR											
Warrant	NL0012826051	LIGHT 21.95PLOPENG	EUR											
Warrant	NL0012826044	LIGHT 23.35PLOPENG	EUR											
Warrant	NL0012827265	LIGHT 23.45PLOPENG	EUR											
Warrant	NL0012825004	LIGHT 24.95PSOPENG	EUR											
Warrant	NL0012836522	LIGHT 25.95PSOPENG	EUR	7,0100	7,8300	7,0100	795,1600	1	7,8300	103				
Warrant	NL0012819528	LIGHT 29.15PSOPENG	EUR	8,1600	8,9800	8,1600			8,9800					
Warrant	NL001281804	LIGHT17.31SPLOPENG	EUR	4,0000	4,0000	3,1400			3,1400					
Warrant	NL0012823371	LIGHT18.21SPLOPENG	EUR	3,1000	3,1000	2,2400			2,2400					
Warrant	NL0012834535	LIGHT19.12SPLOPENG	EUR	2,1900	2,1900	1,3300			1,3300					
Warrant	NL0012822423	LIGHT19.13SPLOPENG	EUR											
Warrant	NL0012834527	LIGHT20.09SPLOPENG	EUR	1,2300	1,2300	0,3700	2907,5000	6	0,3700	4450				
Warrant	NL0012820583	LIGHT20.13SPLOPENG	EUR											
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	LIGHT25.16SPSOPENG	EUR	4,2100	5,0300	4,2100			5,0300					
Warrant	NL0012824262	LIGHT25.29SPSOPENG	EUR											
Warrant	NL0012819726	LIGHT27.06SPSOPENG	EUR	6,1200	6,9400	6,1200			6,9400					
Warrant	DE000CV8AZ16	LRXC 180C 0319Z	EUR	0,0730	0,0760	0,0730			0,0760					
Warrant	DE000CV8AVW3	LRXC 180C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV8AKD6	LRXC 200C 0319Z	EUR	0,0270	0,0280	0,0270			0,0280					
Warrant	DE000CV88160	LRXC 220C 0619Z	EUR	0,0760	0,0830	0,0760			0,0830					
Warrant	NL0010965935	LVMH 106SPLOPENG	EUR	14,9000	15,3500	14,9000			15,3500					
Warrant	NL0010966826	LVMH 117SPLOPENG	EUR	13,8900	14,3400	13,8900			14,3400					
Warrant	NL0011856224	LVMH 128SPLOPENG	EUR	12,8300	13,2800	12,8300			13,2800					
Warrant	NL0012063267	LVMH 168SPLOPENG	EUR	9,0800	9,5300	9,0800			9,5300					
Warrant	NL0012825269	LVMH 218SPLOPENG	EUR	4,4300	4,8800	4,4300			4,8800					
Warrant	NL0012825251	LVMH 261SPLOPENG	EUR											
Warrant	NL0012828750	LVMH 284SPLOPENG	EUR											
Warrant	DE000CV8AKF1	MCDON 160C 1218Z	EUR	1,0800	1,0800	1,0300			1,0300					
Warrant	DE000CJ3N9Y4	MCDON 170C 0319Z	EUR	0,7950	0,7950	0,7350			0,7350					



Instrument Type	Exchange Instrument ID	Instrument 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	DE000CV8AKG9	MCDON 170C 1218Z	EUR	0,6500	0,6500	0,6000			0,6000					
Warrant	DE000CJ3N921	MCDON 180C 0319Z	EUR	0,4750	0,4750	0,4350			0,4350					
Warrant	DE000CJ3N906	MICRO 44C 1218Z	EUR	0,0100	0,0110	0,0100			0,0110					
Warrant	DE000CJ3N914	MICRO 46C 0319Z	EUR	0,0680	0,0770	0,0680			0,0770					
Warrant	DE000CV8AZW4	MICRO 48C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV8AY33	MICRO 50C 0319Z	EUR	0,0360	0,0400	0,0360			0,0400					
Warrant	DE000CV8AM60	MICRO 52C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV8AKK1	MICRO 60C 0319Z	EUR	0,0110	0,0110	0,0110			0,0110					
Warrant	DE000CV88178	MICRO 60C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0010680682	MSOFT 34SPLOPENG	EUR	68,0600	68,0600	68,0600			68,0600					
Warrant	DE000CV8AKM7	MSOFT 110C 1218Z	EUR	0,0580	0,0780	0,0580			0,0780					
Warrant	DE000CJ3N922	MSOFT 112C 0319Z	EUR	0,2050	0,2250	0,2050			0,2250					
Warrant	DE000CJ3N930	MSOFT 120C 0319Z	EUR	0,0910	0,1050	0,0910			0,1050					
Warrant	DE000CV8ANL3	MSOFT 120C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0010544425	MSOFT 30.6SPLOPENG	EUR	70,8600	70,8600	70,8600			70,8600					
Warrant	NL0010746491	MSOFT 37.6SPLOPENG	EUR	65,0600	65,0600	65,0600			65,0600					
Warrant	NL0011621560	MSOFT 45.6SPLOPENG	EUR	58,5500	58,5500	58,5500			58,5500					
Warrant	NL0011850185	MSOFT 54.9SPLOPENG	EUR	50,9000	50,9000	50,9000			50,9000					
Warrant	NL0009105170	NASDQ 1110SPLOPENG	EUR	49,5200	50,0500	49,5200			50,0500					
Warrant	NL0009371608	NASDQ 1940SPLOPENG	EUR	42,5700	43,0700	42,5700			43,0700					
Warrant	NL0010344073	NASDQ 2660SPLOPENG	EUR	36,4700	36,9300	36,4700			36,9300					
Warrant	NL0010362489	NASDQ 2810SPLOPENG	EUR	35,2100	35,6700	35,2100			35,6700					
Warrant	NL0010538815	NASDQ 3130SPLOPENG	EUR	32,5300	32,9800	32,5300			32,9800					
Warrant	NL0010543708	NASDQ 3340SPLOPENG	EUR	30,7600	31,1900	30,7600			31,1900					
Warrant	NL0010590782	NASDQ 3560SPLOPENG	EUR	28,9000	29,3300	28,9000			29,3300					
Warrant	NL0010742151	NASDQ 3763SPLOPENG	EUR	25,7300	26,1400	25,7300			26,1400					
Warrant	NL0010745253	NASDQ 3844SPLOPENG	EUR	25,0200	25,4300	25,0200			25,4300					
Warrant	NL0010747333	NASDQ 3926SPLOPENG	EUR	24,3000	24,7000	24,3000			24,7000					
Warrant	NL0011363890	NASDQ 3988SPLOPENG	EUR	23,7500	24,1500	23,7500			24,1500					
Warrant	NL0011364740	NASDQ 4000SPLOPENG	EUR	25,2400	25,6500	25,2400			25,6500					
Warrant	NL0011363882	NASDQ 4009SPLOPENG	EUR	23,5600	23,9700	23,5600			23,9700					
Warrant	NL0011363874	NASDQ 4030SPLOPENG	EUR	23,3800	23,7800	23,3800			23,7800					
Warrant	NL0011363866	NASDQ 4051SPLOPENG	EUR	23,1900	23,5900	23,1900			23,5900					
Warrant	NL0011363858	NASDQ 4073SPLOPENG	EUR	23,0500	23,4500	23,0500			23,4500					
Warrant	NL0011618210	NASDQ 4090SPLOPENG	EUR	24,5400	24,9500	24,5400			24,9500					
Warrant	NL0011620448	NASDQ 4102SPLOPENG	EUR	22,7900	23,1900	22,7900			23,1900					
Warrant	NL0011619556	NASDQ 4170SPLOPENG	EUR	23,8200	24,2300	23,8200			24,2300					
Warrant	NL0011620430	NASDQ 4193SPLOPENG	EUR	22,0500	22,4400	22,0500			22,4400					
Warrant	NL0011618145	NASDQ 4220SPLOPENG	EUR											
Warrant	NL0011620638	NASDQ 4254SPLOPENG	EUR	21,4600	21,8500	21,4600			21,8500					
Warrant	NL0011621263	NASDQ 4260SPLOPENG	EUR	23,0900	23,4900	23,0900			23,4900					
Warrant	NL0011622592	NASDQ 4285SPLOPENG	EUR	21,1900	21,5800	21,1900			21,5800					
Warrant	NL0011633847	NASDQ 4293SPLOPENG	EUR											
Warrant	NL0011845698	NASDQ 4338SPLOPENG	EUR	20,7400	21,1300	20,7400			21,1300					
Warrant	NL0011622337	NASDQ 4350SPLOPENG	EUR	22,3500	22,7500	22,3500			22,7500					
Warrant	NL0011846050	NASDQ 4392SPLOPENG	EUR	20,2600	20,6500	20,2600			20,6500					
Warrant	NL0011845516	NASDQ 4440SPLOPENG	EUR	21,5900	21,9900	21,5900			21,9900					
Warrant	NL0011846639	NASDQ 4447SPLOPENG	EUR	19,7800	20,1700	19,7800			20,1700					
Warrant	NL0011847827	NASDQ 4501SPLOPENG	EUR	19,3000	19,6800	19,3000			19,6800					
Warrant	NL0011845979	NASDQ 4530SPLOPENG	EUR	20,8200	21,2100	20,8200			21,2100					
Warrant	NL0011848270	NASDQ 4557SPLOPENG	EUR	18,8000	19,1800	18,8000			19,1800					
Warrant	NL0011848957	NASDQ 4614SPLOPENG	EUR	18,3400	18,7200	18,3400			18,7200					
Warrant	NL0011849401	NASDQ 4671SPLOPENG	EUR	17,8400	18,2100	17,8400			18,2100					
Warrant	NL0011850821	NASDQ 4690SPLOPENG	EUR											
Warrant	NL0011848130	NASDQ 4720SPLOPENG	EUR	19,2400	19,6200	19,2400			19,6200					
Warrant	NL0011849914	NASDQ 4729SPLOPENG	EUR	17,3300	17,7000	17,3300			17,7000					
Warrant	NL0011851449	NASDQ 4787SPLOPENG	EUR	16,8200	17,1900	16,8200			17,1900					
Warrant	NL0011850037	NASDQ 4820SPLOPENG	EUR	18,4200	18,8000	18,4200			18,8000					
Warrant	NL0011855176	NASDQ 4846SPLOPENG	EUR	16,3000	16,6600	16,3000			16,6600					
Warrant	NL0012061667	NASDQ 4906SPLOPENG	EUR	15,7700	16,1300	15,7700			16,1300					
Warrant	NL0011862867	NASDQ 4910SPLOPENG	EUR	17,6000	17,9700	17,6000			17,9700					
Warrant	NL0012063481	NASDQ 4966SPLOPENG	EUR	15,2400	15,6000	15,2400			15,6000					
Warrant	NL0012063606	NASDQ 5010SPLOPENG	EUR	16,7500	17,1200	16,7500			17,1200					
Warrant	NL0012063937	NASDQ 5028SPLOPENG	EUR	14,7000	15,0600	14,7000			15,0600					
Warrant	NL0012064992	NASDQ 5089SPLOPENG	EUR	14,1600	14,5100	14,1600			14,5100					
Warrant	NL0012065460	NASDQ 5152SPLOPENG	EUR	13,6100	13,9600	13,6100			13,9600					
Warrant	NL0012066096	NASDQ 5215SPLOPENG	EUR	13,0500	13,4000	13,0500			13,4000					
Warrant	NL0012064190	NASDQ 5220SPLOPENG	EUR	15,0100	15,3700	15,0100			15,3700					
Warrant	NL0012066146	NASDQ 5279SPLOPENG	EUR	12,4900	12,8400	12,4900			12,8400					
Warrant	NL0012065882	NASDQ 5330SPLOPENG	EUR	14,1200	14,4700	14,1200			14,4700					
Warrant	NL0012066997	NASDQ 5344SPLOPENG	EUR	11,9200	12,2600	11,9200			12,2600					
Warrant	NL0012069447	NASDQ 5409SPLOPENG	EUR	11,3400	11,6400	11,3400			11,6400					



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
Warrant	NL0012066500	NASDQ 5440SPLOPENG	EUR	13,2000	13,5600	13,2000			13,5600					
Warrant	NL0012070965	NASDQ 5476SPLOPENG	EUR	10,7600	11,1000	10,7600			11,1000					
Warrant	NL0012071120	NASDQ 5543SPLOPENG	EUR	10,1700	10,5100	10,1700			10,5100					
Warrant	NL0012069207	NASDQ 5550SPLOPENG	EUR	12,2700	12,6200	12,2700			12,6200					
Warrant	NL0012072003	NASDQ 5610SPLOPENG	EUR	9,5700	9,9100	9,5700			9,9100					
Warrant	NL0012073290	NASDQ 5748SPLOPENG	EUR	8,4200	8,7500	8,4200			8,7500					
Warrant	NL0012071476	NASDQ 5780SPLOPENG	EUR	10,3600	10,6900	10,3600			10,6900					
Warrant	NL0012076574	NASDQ 5818SPLOPENG	EUR	7,7400	8,0700	7,7400			8,0700					
Warrant	NL0012079255	NASDQ 5889SPLOPENG	EUR	7,1200	7,4400	7,1200			7,4400					
Warrant	NL0012078851	NASDQ 5890SPLOPENG	EUR	9,3700	9,7100	9,3700			9,7100					
Warrant	NL0012463061	NASDQ 5961SPLOPENG	EUR	6,4900	6,8100	6,4900			6,8100					
Warrant	NL0012079420	NASDQ 6010SPLOPENG	EUR	8,3700	8,7000	8,3700			8,7000					
Warrant	NL0012464606	NASDQ 6033SPLOPENG	EUR	5,8500	6,1700	5,8500			6,1700					
Warrant	NL0012464937	NASDQ 6106SPLOPENG	EUR	5,2100	5,5200	5,2100			5,5200					
Warrant	NL0012464036	NASDQ 6140SPLOPENG	EUR	7,3500	7,6700	7,3500			7,6700					
Warrant	NL0012465579	NASDQ 6181SPLOPENG	EUR	4,5500	4,9000	4,5500	25160,0000	6	4,9000	5200				
Warrant	NL0012466569	NASDQ 6256SPLOPENG	EUR	3,8900	4,2000	3,8900			4,2000					
Warrant	NL0012465462	NASDQ 6260SPLOPENG	EUR	6,3100	6,6300	6,3100			6,6300					
Warrant	NL0012473227	NASDQ 6390SPLOPENG	EUR	5,2500	5,5600	5,2500			5,5600					
Warrant	NL0012473466	NASDQ 6408SPLOPENG	EUR	2,5500	3,5000	2,5500	1035,0000	2	2,8500	300				
Warrant	NL0012481105	NASDQ 6473SPLOPENG	EUR											
Warrant	NL0012836456	NASDQ 6485SPLOPENG	EUR	1,8800	2,1500	1,8800			2,1500					
Warrant	NL0012479513	NASDQ 6500SPLOPENG	EUR											
Warrant	NL0012836605	NASDQ 6510SPLOPENG	EUR	4,1800	4,4900	4,1800			4,4900					
Warrant	NL0012818702	NASDQ 6551SPLOPENG	EUR											
Warrant	NL0012836936	NASDQ 6563SPLOPENG	EUR											
Warrant	NL0012481253	NASDQ 6610SPLOPENG	EUR											
Warrant	NL0012819239	NASDQ 6623SPLOPENG	EUR											
Warrant	NL0012834881	NASDQ 6630SPLOPENG	EUR											
Warrant	NL0012837108	NASDQ 6639SPLOPENG	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											
Warrant	NL0012824197	NASDQ 7018SPLOPENG	EUR											
Warrant	NL0012822886	NASDQ 7020SPLOPENG	EUR											
Warrant	NL0012838023	NASDQ 7058SPLOPENG	EUR	3,5700	3,5700	3,3000			3,3000					
Warrant	NL0012835581	NASDQ 7059SPLOPENG	EUR											
Warrant	NL0012824601	NASDQ 7101SPLOPENG	EUR											
Warrant	NL0012837769	NASDQ 7144SPLOPENG	EUR	4,3200	4,3200	4,0500			4,0500					
Warrant	NL0012823827	NASDQ 7160SPLOPENG	EUR											
Warrant	NL0012828370	NASDQ 7186SPLOPENG	EUR											
Warrant	NL0012837264	NASDQ 7230SPLOPENG	EUR	5,0900	5,0900	4,8200			4,8200					
Warrant	NL0012824288	NASDQ 7250SPLOPENG	EUR											
Warrant	NL0012828529	NASDQ 7271SPLOPENG	EUR											
Warrant	NL0012827307	NASDQ 7300SPLOPENG	EUR											
Warrant	NL0012832513	NASDQ 7407SPLOPENG	EUR	6,6400	6,6400	6,3800	820,0000	1	6,3800	125				
Warrant	NL0012836613	NASDQ 7410SPLOPENG	EUR	9,9300	9,9300	9,6900			9,6900					
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 7588SPLOPENG	EUR	8,2400	8,2400	7,9900			7,9900					
Warrant	NL0012470785	NASDQ 7609SPLOPENG	EUR											
Warrant	NL0012826812	NASDQ 7710SPLOPENG	EUR	12,7600	12,7600	12,5300			12,5300					
Warrant	NL0012471338	NASDQ 7774SPLOPENG	EUR	9,8700	9,8700	9,6300			9,6300					
Warrant	NL0012820245	NASDQ 7868SPLOPENG	EUR	10,7000	10,7000	10,4600			10,4600					
Warrant	NL0012821961	NASDQ 7963SPLOPENG	EUR	11,5400	11,5400	11,3000			11,3000					
Warrant	NL0012826499	NASDQ 8156SPLOPENG	EUR	13,2400	13,2400	13,0100			13,0100					
Warrant	NL0012826788	NASDQ 8255SPLOPENG	EUR	14,1000	14,1000	13,8800			13,8800					
Warrant	NL0012828537	NASDQ 8354SPLOPENG	EUR	14,9700	14,9700	14,7600			14,7600					
Warrant	NL0012830954	NASDQ 8454SPLOPENG	EUR	15,8600	15,8600	15,6500			15,6500					
Warrant	NL0012826903	NASDQ 8520SPLOPENG	EUR	20,2200	20,2200	20,0300			20,0300					
Warrant	NL0012067664	NESTL 53SPLOPENG	EUR	31,4700	31,4700	31,4700			31,4700					



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	NL0012471056	NESTL 57SPLOPENG	EUR	2,8700	2,8700	2,8700			2,8700					
Warrant	NL0012471049	NESTL 61SPLOPENG	EUR	2,5400	2,5400	2,5400			2,5400					
Warrant	NL0012471031	NESTL 70SPLOPENG	EUR	1,7900	1,7900	1,7900			1,7900					
Warrant	NL0012470926	NESTL 84SPSOPENG	EUR											
Warrant	NL0012471064	NESTL 86SPSOPENG	EUR											
Warrant	NL0012473094	NESTL69.42SPLOPENG	EUR	2,3000	2,3000	2,3000			2,3000					
Warrant	NL0012823959	NESTL72.91SPLOPENG	EUR	1,9900	1,9900	1,9900			1,9900					
Warrant	NL0006408171	NIKEI 5540SPLOPENG	EUR	123,1500	124,3000	123,1500			124,3000					
Warrant	NL0010204343	NIKEI 7850SPLOPENG	EUR	105,8200	106,9500	105,8200			106,9500					
Warrant	NL0010344438	NIKEI 9910SPLOPENG	EUR	90,3600	91,4300	90,3600			91,4300					
Warrant	NL0010347456	NIKEI10490SPLOPENG	EUR	86,0000	87,0600	86,0000			87,0600					
Warrant	NL0010466405	NIKEI13100SPLOPENG	EUR	66,3800	67,3900	66,3800			67,3900					
Warrant	NL0010746582	NIKEI14290SPLOPENG	EUR	57,4500	58,4200	57,4500			58,4200					
Warrant	NL0011844923	NIKEI14740SPLOPENG	EUR	54,0400	55,0100	54,0400			55,0100					
Warrant	NL0011848148	NIKEI15210SPLOPENG	EUR	50,5400	51,5000	50,5400			51,5000					
Warrant	NL0011848528	NIKEI15690SPLOPENG	EUR	46,9300	47,8800	46,9300			47,8800					
Warrant	NL0011859616	NIKEI16680SPLOPENG	EUR	39,4500	40,3800	39,4500			40,3800					
Warrant	NL0011861117	NIKEI17740SPLOPENG	EUR	31,5000	32,4000	31,5000			32,4000					
Warrant	NL0012062012	NIKEI18290SPLOPENG	EUR	27,3400	28,2400	27,3400			28,2400					
Warrant	NL0012071484	NIKEI18850SPLOPENG	EUR	23,1000	23,9800	23,1000			23,9800					
Warrant	NL0012081020	NIKEI19440SPLOPENG	EUR	18,7300	19,6000	18,7300			19,6000					
Warrant	NL0012834048	NIKEI20020SPLOPENG	EUR	1,5100	1,5900	1,5100			1,5900					
Warrant	NL0012834774	NIKEI20620SPLOPENG	EUR	1,0600	1,1400	1,0600			1,1400					
Warrant	NL0012480909	NIKEI21180SPLOPENG	EUR											
Warrant	NL0012835227	NIKEI21240SPLOPENG	EUR											
Warrant	NL0012828321	NIKEI21820SPLOPENG	EUR											
Warrant	NL0012824296	NIKEI21900SPLOPENG	EUR											
Warrant	NL0012831325	NIKEI22480SPLOPENG	EUR											
Warrant	NL0012837595	NIKEI22520SPSOPENG	EUR	1,7700	1,7700	1,6900			1,6900					
Warrant	NL0012834055	NIKEI22570SPSOPENG	EUR											
Warrant	NL0012831317	NIKEI23150SPLOPENG	EUR											
Warrant	NL0012835235	NIKEI23230SPSOPENG	EUR	2,3300	2,3300	2,2500			2,2500					
Warrant	NL0012472567	NIKEI23480SPLOPENG	EUR											
Warrant	NL0012832182	NIKEI23940SPSOPENG	EUR	2,9100	2,9100	2,8300			2,8300					
Warrant	NL0012466882	NIKEI24690SPSOPENG	EUR	34,3500	34,3500	33,5900			33,5900					
Warrant	NL0012822035	NIKEI25430SPSOPENG	EUR	4,1100	4,1100	4,0300			4,0300					
Warrant	NL0012822043	NIKEI26990SPSOPENG	EUR	5,3600	5,3600	5,2900			5,2900					
Warrant	NL0012826820	NIKEI27810SPSOPENG	EUR	6,0200	6,0200	5,9500			5,9500					
Warrant	NL0010206934	NKOYJ 1SPLOPENG	EUR	4,2100	4,2100	4,2100			4,2100					
Warrant	NL0010087102	NKOYJ 0.25PLOPENG	EUR	4,9000	4,9000	4,9000			4,9000					
Warrant	NL0010086112	NKOYJ 0.45PLOPENG	EUR	4,7800	4,7800	4,7800			4,7800					
Warrant	NL0010203246	NKOYJ 0.95PLOPENG	EUR	4,3300	4,3300	4,3300			4,3300					
Warrant	NL0010213492	NKOYJ 1.25PLOPENG	EUR	4,0500	4,0500	4,0500			4,0500					
Warrant	NL0010215620	NKOYJ 1.35PLOPENG	EUR	3,9300	3,9300	3,9300			3,9300					
Warrant	NL0010363313	NKOYJ 1.75PLOPENG	EUR	3,6000	3,6000	3,6000			3,6000					
Warrant	NL0010535423	NKOYJ 2.35PLOPENG	EUR	2,9800	2,9800	2,9800			2,9800					
Warrant	NL0010594156	NKOYJ 3.15PLOPENG	EUR	2,2900	2,2900	2,2900			2,2900					
Warrant	NL0011198098	NKOYJ 6.15PSOPENG	EUR	1,8400	1,8400	1,8400			1,8400					
Warrant	NL0011303268	NKOYJ 6.95PSOPENG	EUR	2,6600	2,6600	2,6600			2,6600					
Warrant	NL0010751855	NNGRP 14SPLOPENG	EUR	21,7600	21,8500	21,7600			21,8500					
Warrant	NL0010944013	NNGRP 17SPLOPENG	EUR	18,9400	19,0300	18,9400			19,0300					
Warrant	NL0010751889	NNGRP 10.25PLOPENG	EUR	25,2400	25,3300	25,2400			25,3300					
Warrant	NL0010751871	NNGRP 12.55PLOPENG	EUR	23,1300	23,2200	23,1300			23,2200					
Warrant	NL0010751863	NNGRP 12.65PLOPENG	EUR	23,0100	23,1000	23,0100			23,1000					
Warrant	NL0010752226	NNGRP 16.55PLOPENG	EUR	19,3700	19,4600	19,3700			19,4600					
Warrant	NL0011022447	NNGRP 18.65PLOPENG	EUR	17,4100	17,5000	17,4100			17,5000					
Warrant	NL0011851993	NNGRP 21.35PLOPENG	EUR	14,9100	15,0000	14,9100			15,0000					
Warrant	NL0011856513	NNGRP 21.85PLOPENG	EUR	12,9400	13,0300	12,9400			13,0300					
Warrant	NL0011852694	NNGRP 21.95PLOPENG	EUR	14,3600	14,4500	14,3600			14,4500					
Warrant	NL0011861968	NNGRP 26.75PLOPENG	EUR	9,8700	9,9600	9,8700			9,9600					
Warrant	NL0012075030	NNGRP 27.65PLOPENG	EUR	9,0900	9,1800	9,0900	866,4000	1	9,1800	95				
Warrant	NL0012080055	NNGRP 30.85PLOPENG	EUR	6,1200	6,2100	6,1200			6,2100					
Warrant	NL0012465249	NNGRP 31.95PLOPENG	EUR	5,1100	5,2000	5,1100			5,2000					
Warrant	NL0012824148	NNGRP 34.15PLOPENG	EUR	2,9900	3,0800	2,9900			3,0800					
Warrant	NL0012829923	NNGRP 36.55PLOPENG	EUR											
Warrant	NL0012830491	NNGRP 37.15PLOPENG	EUR											
Warrant	NL0012465256	NNGRP 39.15PSOPENG	EUR											
Warrant	NL0012829931	NNGRP 42.45PSOPENG	EUR	11,2800	11,2800	11,1800			11,1800					
Warrant	NL0011856505	NNGRP23.125PLOPENG	EUR	11,6800	11,7700	11,6800			11,7700					
Warrant	NL0011859780	NNGRP24.455PLOPENG	EUR	10,3500	10,4400	10,3500			10,4400					
Warrant	NL0011860556	NNGRP25.855PLOPENG	EUR	8,9400	9,0300	8,9400			9,0300					
Warrant	NL0012071344	NNGRP27.335PLOPENG	EUR	7,4700	7,5600	7,4700			7,5600					



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
Warrant	NL0012075204	NNGRP28.82SPLOPENG	EUR	5,9700	6,0600	5,9700			6,0600					
Warrant	NL0012075642	NNGRP30.39SPLOPENG	EUR	4,4100	4,5000	4,4100			4,5000					
Warrant	NL0012080816	NNGRP32.01SPLOPENG	EUR	2,7800	2,8700	2,7800			2,8700					
Warrant	NL0012823363	NNGRP33.65SPLOPENG	EUR	1,1400	1,2300	1,1400			1,2300					
Warrant	NL0012825053	NNGRP35.39SPLOPENG	EUR											
Warrant	NL0012837363	NNGRP38.08SPLOPENG	EUR	3,5800	3,5800	3,4800			3,4800					
Warrant	NL0012820997	NNGRP38.24SPLOPENG	EUR											
Warrant	NL0012481212	NNGRP40.96SPLOPENG	EUR	6,4500	6,4500	6,3500			6,3500					
Warrant	NL0011618897	NTFLX 87SPLOPENG	EUR	16,7400	16,7400	16,7400			16,7400					
Warrant	NL0011851977	NTFLX 94SPLOPENG	EUR	16,1200	16,1200	16,1200			16,1200					
Warrant	NL0011857651	NTFLX 112SPLOPENG	EUR	14,7100	14,7100	14,7100			14,7100					
Warrant	NL0010740478	NTFLX 49.95SPLOPENG	EUR	137,5500	137,5500	137,5500			137,5500					
Warrant	NL0011013719	NTFLX 61.15SPLOPENG	EUR	131,2500	131,2500	131,2500			131,2500					
Warrant	NL0011212972	NTFLX 66.65SPLOPENG	EUR	128,1500	128,1500	128,1500			128,1500					
Warrant	NL0011475421	NVDA 24.45SPLOPENG	EUR	111,9500	111,9500	111,9500			111,9500					
Warrant	NL0012835292	NYRST 1.15SPLOPENG	EUR											
Warrant	NL0012834196	NYRST 1.25SPLOPENG	EUR											
Warrant	NL0012826168	NYRST 3.15SPLOPENG	EUR											
Warrant	NL0012830897	NYRST 3.25SPLOPENG	EUR	2,9000	2,9500	2,9000			2,9500					
Warrant	NL0012823066	NYRST 3.45SPLOPENG	EUR											
Warrant	NL0012835334	NYRST 0.51SPLOPENG	EUR	0,2500	0,2500	0,2100			0,2100					
Warrant	NL0012831689	NYRST 1.49SPLOPENG	EUR											
Warrant	NL0012831580	NYRST 1.63SPLOPENG	EUR											
Warrant	NL0012835300	NYRST 1.77SPLOPENG	EUR	1,5600	1,6000	1,5600			1,6000					
Warrant	NL0012830913	NYRST 1.95SPLOPENG	EUR											
Warrant	NL0012831978	NYRST 2.13SPLOPENG	EUR											
Warrant	NL0012830889	NYRST 2.14SPLOPENG	EUR											
Warrant	NL0012834204	NYRST 2.24SPLOPENG	EUR	1,8300	1,8800	1,8300			1,8800					
Warrant	NL0012830582	NYRST 2.35SPLOPENG	EUR											
Warrant	NL0012832372	NYRST 2.52SPLOPENG	EUR	2,1500	2,1900	2,1500			2,1900					
Warrant	NL0012830871	NYRST 2.56SPLOPENG	EUR											
Warrant	NL0012830574	NYRST 2.57SPLOPENG	EUR											
Warrant	NL0012826176	NYRST 2.83SPLOPENG	EUR											
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 5.18SPLOPENG	EUR											
Warrant	NL0011859418	NYRST 5.68SPLOPENG	EUR											
Warrant	NL0012480826	OCI 18SPLOPENG	EUR	1,6500	1,6500	1,6500			1,6500					
Warrant	NL0011851100	OCI 9.85SPLOPENG	EUR	9,3200	9,7300	9,3200			9,7300					
Warrant	NL0011634373	OCI 10.85SPLOPENG	EUR	8,4200	8,8400	8,4200			8,8400					
Warrant	NL0012063275	OCI 15.25SPLOPENG	EUR	4,2900	4,7000	4,2900			4,7000					
Warrant	NL0011615760	OCI 19.35SPLOPENG	EUR											
Warrant	NL0012819437	OCI 19.75SPLOPENG	EUR											
Warrant	NL0012819429	OCI 21.45SPLOPENG	EUR											
Warrant	NL0012824502	OCI 23.35SPLOPENG	EUR											
Warrant	NL0012829527	OCI 25.45SPLOPENG	EUR											
Warrant	NL0011360920	OCI 26.45SPLOPENG	EUR											
Warrant	NL0012829519	OCI 27.65SPLOPENG	EUR											
Warrant	NL0011355862	OCI 29.65SPLOPENG	EUR											
Warrant	NL0012836365	OILCR 53SPLOPENG	EUR											
Warrant	NL0012837488	OILCR 53SPLOPENG	EUR											
Warrant	NL0012824825	OILCR 64SPLOPENG	EUR											
Warrant	NL0012827455	OILCR 68SPLOPENG	EUR											
Warrant	NL0012831481	OILCR 74SPLOPENG	EUR											
Warrant	NL0011492749	OILCR 30.55SPLOPENG	EUR	19,4200	19,9200	19,4200			19,9200					
Warrant	NL0011492335	OILCR 34.85SPLOPENG	EUR	15,8100	16,3000	15,8100			16,3000					
Warrant	NL0011491667	OILCR 36.45SPLOPENG	EUR	14,5000	14,9800	14,5000			14,9800					
Warrant	NL0011491162	OILCR 37.15SPLOPENG	EUR	13,9100	14,3900	13,9100			14,3900					
Warrant	NL0011491063	OILCR 37.95SPLOPENG	EUR	13,2600	13,7300	13,2600			13,7300					
Warrant	NL0011492715	OILCR 38.85SPLOPENG	EUR	12,5200	12,9900	12,5200			12,9900					
Warrant	NL0011619630	OILCR 39.65SPLOPENG	EUR	11,7900	12,2500	11,7900			12,2500					
Warrant	NL0011620208	OILCR 40.55SPLOPENG	EUR	11,0300	11,5000	11,0300			11,5000					
Warrant	NL0011622170	OILCR 41.75SPLOPENG	EUR	8,4100	8,8600	8,4100			8,8600					
Warrant	NL0012075469	OILCR 43.15SPLOPENG	EUR	8,8700	9,3200	8,8700			9,3200					
Warrant	NL0012078810	OILCR 44.55SPLOPENG	EUR	7,7600	8,2000	7,7600			8,2000					
Warrant	NL0012080121	OILCR 45.95SPLOPENG	EUR	6,5600	7,0000	6,5600			7,0000					
Warrant	NL0012080634	OILCR 47.35SPLOPENG	EUR	5,3400	5,7800	5,3400			5,7800					
Warrant	NL0012462873	OILCR 48.95SPLOPENG	EUR	4,0300	4,9600	4,0300	7120,0000	4	4,4500	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	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	6,2500	6,2500	5,8800			5,8800					
Warrant	NL0012467955	OILCR 56.7SPLOPENG	EUR											
Warrant	NL0012836076	OILCR 57.5SPSOPENG	EUR	8,3900	8,3900	8,0200			8,0200					
Warrant	NL0012474613	OILCR 58.4SPLOPENG	EUR											
Warrant	NL0012835490	OILCR 59.9SPSOPENG	EUR	10,6100	10,6100	10,2600			10,2600					
Warrant	NL0012822506	OILCR 64.8SPLOPENG	EUR											
Warrant	NL0012834147	OILCR 65.9SPLOPENG	EUR											
Warrant	NL0012827877	OILCR 65.9SPLOPENG	EUR											
Warrant	NL0012825178	OILCR 66.4SPLOPENG	EUR											
Warrant	NL0012828644	OILCR 67.9SPLOPENG	EUR											
Warrant	NL0012829642	OILCR 67.9SPLOPENG	EUR											
Warrant	NL0012826077	OILCR 68.4SPLOPENG	EUR											
Warrant	NL0012832034	OILCR 69.8SPLOPENG	EUR											
Warrant	NL0012834154	OILCR 70.5SPSOPENG	EUR	20,4800	20,4800	20,1800			20,1800					
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 79.7SPSOPENG	EUR	29,0000	29,0000	28,7300			28,7300					
Warrant	NL0012823934	OILCR108.25SPSOPENG	EUR	50,4700	50,4700	50,3100			50,3100					
Warrant	NL0011618798	OILCR35.94SPLOPENG	EUR	13,4400	13,9100	13,4400			13,9100					
Warrant	NL0011492293	OILCR36.55SPLOPENG	EUR	12,9000	13,3700	12,9000			13,3700					
Warrant	NL0011491519	OILCR38.03SPLOPENG	EUR	11,6400	12,1000	11,6400			12,1000					
Warrant	NL0011491196	OILCR38.64SPLOPENG	EUR	11,0400	11,5000	11,0400			11,5000					
Warrant	NL0011490867	OILCR39.43SPLOPENG	EUR	10,4000	10,8600	10,4000			10,8600					
Warrant	NL0011619606	OILCR40.97SPLOPENG	EUR	9,0100	9,4600	9,0100			9,4600					
Warrant	NL0012074967	OILCR42.79SPLOPENG	EUR	7,5000	7,9400	7,5000			7,9400					
Warrant	NL0012075832	OILCR43.91SPLOPENG	EUR	6,5600	6,9900	6,5600			6,9900					
Warrant	NL0012079446	OILCR45.07SPLOPENG	EUR	5,5000	6,0000	5,5000	6,0000	1	5,9300	1				
Warrant	NL0012080568	OILCR46.32SPLOPENG	EUR	4,3900	4,8300	4,2700	1433,2000	3	4,8200	328				
Warrant	NL0012080626	OILCR47.54SPLOPENG	EUR	3,3200	3,7400	3,3200			3,7400					
Warrant	NL0012463012	OILCR48.81SPLOPENG	EUR	2,2300	2,6600	2,2300	247,3800	1	2,6400	93				
Warrant	NL0012463988	OILCR49.98SPLOPENG	EUR											
Warrant	NL0012836548	OILCR50.03SPLOPENG	EUR	1,1000	2,0100	0,8800	2397,9300	5	1,5300	2287				
Warrant	NL0012837124	OILCR51.28SPLOPENG	EUR											
Warrant	NL0012464721	OILCR51.35SPLOPENG	EUR											
Warrant	NL0012464986	OILCR52.63SPLOPENG	EUR											
Warrant	NL0012837793	OILCR53.17SPSOPENG	EUR											
Warrant	NL0012836555	OILCR53.19SPSOPENG	EUR											
Warrant	NL0012466411	OILCR54.05SPLOPENG	EUR											
Warrant	NL0012836308	OILCR54.54SPSOPENG	EUR	3,2900	3,2900	2,8900			2,8900					
Warrant	NL0012467740	OILCR55.15SPLOPENG	EUR											
Warrant	NL0012835607	OILCR55.41SPLOPENG	EUR											
Warrant	NL0012835383	OILCR55.41SPLOPENG	EUR											
Warrant	NL0012468201	OILCR56.66SPLOPENG	EUR											
Warrant	NL0012835870	OILCR57.37SPSOPENG	EUR	5,7900	5,9800	5,4100	598,0000	1	5,4100	100				
Warrant	NL0012474597	OILCR58.13SPLOPENG	EUR											
Warrant	NL0012835243	OILCR58.85SPSOPENG	EUR	7,0900	7,0900	6,7200			6,7200					
Warrant	NL0012480388	OILCR59.62SPLOPENG	EUR											
Warrant	NL0012835250	OILCR60.36SPSOPENG	EUR	8,4200	8,4200	8,0500			8,0500					
Warrant	NL0012821615	OILCR61.17SPLOPENG	EUR											
Warrant	NL0012835086	OILCR61.92SPSOPENG	EUR	9,7900	9,7900	9,4300			9,4300					
Warrant	NL0012822076	OILCR62.73SPLOPENG	EUR											
Warrant	NL0012827695	OILCR64.31SPLOPENG	EUR											
Warrant	NL0012835094	OILCR65.14SPSOPENG	EUR	12,6200	12,6200	12,2700			12,2700					
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	OILCR68.52SPSOPENG	EUR	15,6000	15,6000	15,2700			15,2700					
Warrant	NL0012831010	OILCR69.17SPLOPENG	EUR											
Warrant	NL0012825921	OILCR70.15SPSOPENG	EUR											
Warrant	NL0012833966	OILCR70.28SPSOPENG	EUR	17,1400	17,1400	16,8200			16,8200					
Warrant	NL0012831002	OILCR70.87SPLOPENG	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	NL0012824213	OILCR71.64SPSOPENG	EUR											
Warrant	NL0012833974	OILCR72.08SPSOPENG	EUR	18,7300	18,7300	18,4200			18,4200					
Warrant	NL0012831655	OILCR72.66SPLOPENG	EUR											
Warrant	NL0012823652	OILCR73.48SPSOPENG	EUR											
Warrant	NL0012832166	OILCR73.93SPSOPENG	EUR	20,3600	20,3600	20,0500			20,0500					
Warrant	NL0012831648	OILCR74.47SPLOPENG	EUR											
Warrant	NL0010957254	OILCR75.45SPSOPENG	EUR											
Warrant	NL0012831754	OILCR75.83SPSOPENG	EUR	22,0300	22,0300	21,7300			21,7300					
Warrant	NL0012831762	OILCR77.78SPSOPENG	EUR	23,7400	23,7400	23,4500			23,4500					
Warrant	NL0012831663	OILCR79.77SPSOPENG	EUR	25,5000	25,5000	25,2200			25,2200					
Warrant	NL0012831416	OILCR81.81SPSOPENG	EUR	27,3000	27,3000	27,0300			27,0300					
Warrant	NL0012831424	OILCR83.91SPSOPENG	EUR	29,1400	29,1400	28,8800			28,8800					
Warrant	NL0011307871	PALLA 353SPLOPENG	EUR	78,9400	79,6600	78,9400			79,6600					
Warrant	NL0009366848	PALLA 391SPLOPENG	EUR	75,7400	76,4500	75,7400			76,4500					
Warrant	NL0011363353	PALLA 453SPLOPENG	EUR	70,5800	71,2600	70,5800			71,2600					
Warrant	NL0011363346	PALLA 475SPLOPENG	EUR	68,6800	69,3500	68,6800			69,3500					
Warrant	NL0011492376	PALLA 499SPLOPENG	EUR	66,6900	67,3500	66,6900			67,3500					
Warrant	NL0011627476	PALLA 550SPLOPENG	EUR	62,4000	63,0400	62,4000			63,0400					
Warrant	NL0011845441	PALLA 607SPLOPENG	EUR	57,6700	58,2900	57,6700			58,2900					
Warrant	NL0011848403	PALLA 637SPLOPENG	EUR	55,1300	55,7300	55,1300			55,7300					
Warrant	NL0011859137	PALLA 669SPLOPENG	EUR	52,4600	53,0500	52,4600			53,0500					
Warrant	NL0012064950	PALLA 737SPLOPENG	EUR	46,7100	47,2800	46,7100			47,2800					
Warrant	NL0012065262	PALLA 774SPLOPENG	EUR	43,6200	44,1700	43,6200			44,1700					
Warrant	NL0012073373	PALLA 813SPLOPENG	EUR	40,3800	40,9100	40,3800			40,9100					
Warrant	NL0012073803	PALLA 841SPLOPENG	EUR											
Warrant	NL0012827893	PALLA 896SPLOPENG	EUR	33,3900	33,8900	33,3900			33,8900					
Warrant	NL0012829683	PALLA 941SPLOPENG	EUR	29,6300	30,1200	29,6300			30,1200					
Warrant	NL0012467989	PALLA 1198SPSOPENG	EUR											
Warrant	NL0011846894	PEUGO 8.2SPLOPENG	EUR	9,9900	10,0700	9,9900			10,0700					
Warrant	NL0011851027	PEUGO 10.9SPLOPENG	EUR	7,5300	7,6100	7,5300			7,6100					
Warrant	NL0012064687	PEUGO 14.4SPLOPENG	EUR	4,3400	4,4200	4,3400			4,4200					
Warrant	NL0012478036	PEUGO 17.2SPLOPENG	EUR											
Warrant	NL0012479562	PEUGO 18.8SPLOPENG	EUR											
Warrant	NL0012825475	PEUGO 22.3SPLOPENG	EUR											
Warrant	NL0012833057	PHARM 0.91SPLOPENG	EUR											
Warrant	NL0012830590	PHARM 0.91SPLOPENG	EUR											
Warrant	NL0012830202	PHARM0.504SPLOPENG	EUR	0,3300	0,3700	0,3300	6600,0000	2	0,3700	20000				
Warrant	NL0012830194	PHARM0.567SPLOPENG	EUR	0,2900	0,3100	0,2900			0,3100					
Warrant	NL0012830186	PHARM0.617SPLOPENG	EUR	0,2500	0,2700	0,2500			0,2700					
Warrant	NL0012830178	PHARM0.685SPLOPENG	EUR	0,1700	0,2000	0,1700	250,0000	1	0,1900	1250				
Warrant	NL0012830434	PHARM0.753SPLOPENG	EUR											
Warrant	NL0012836274	PHARM0.754SPLOPENG	EUR											
Warrant	NL0012830459	PHARM0.828SPLOPENG	EUR											
Warrant	NL0012832398	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	NL0010362828	PHILP 18SPLOPENG	EUR	15,7700	15,7700	15,4500			15,4500					
Warrant	NL0012068266	PHILP 26SPLOPENG	EUR	8,3100	8,3100	7,9900			7,9900					
Warrant	NL0012481337	PHILP 32SPLOPENG	EUR											
Warrant	NL0012835409	PHILP 32SPLOPENG	EUR											
Warrant	NL0006427809	PHILP 2.1SPLOPENG	EUR	30,4800	30,4800	30,1600			30,1600					
Warrant	NL0009881606	PHILP 8.5SPLOPENG	EUR	24,5800	24,5800	24,2600			24,2600					
Warrant	NL0010099859	PHILP 9.6SPLOPENG	EUR	23,5500	23,5500	23,2300			23,2300					
Warrant	NL0010103800	PHILP 10.8SPLOPENG	EUR	22,4600	22,4600	22,1400			22,1400					
Warrant	NL0010087706	PHILP 12.4SPLOPENG	EUR	20,8900	20,8900	20,5700			20,5700					
Warrant	NL0010203261	PHILP 14.8SPLOPENG	EUR	18,6800	18,6800	18,3600			18,3600					
Warrant	NL0010212478	PHILP 15.8SPLOPENG	EUR	17,7600	17,7600	17,4400			17,4400					
Warrant	NL0010360913	PHILP 16.9SPLOPENG	EUR	16,7700	16,7700	16,4500			16,4500					
Warrant	NL0011621743	PHILP 19.4SPLOPENG	EUR	14,4300	14,4300	14,1100			14,1100					
Warrant	NL0011849120	PHILP 20.9SPLOPENG	EUR	13,0500	13,0500	12,7300			12,7300					
Warrant	NL0011851894	PHILP 22.5SPLOPENG	EUR	11,5700	11,5700	11,2500			11,2500					
Warrant	NL0011860457	PHILP 24.2SPLOPENG	EUR	9,9900	9,9900	9,6700			9,6700					
Warrant	NL0012069652	PHILP 27.9SPLOPENG	EUR	6,5000	6,5000	6,1800			6,1800					
Warrant	NL0012479232	PHILP 29.9SPLOPENG	EUR	4,6200	4,6200	4,3000			4,3000					
Warrant	NL0012835037	PHILP 32.6SPLOPENG	EUR											
Warrant	NL0012835714	PHILP 32.8SPSOPENG	EUR											
Warrant	NL0012833842	PHILP 33.6SPSOPENG	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	NL0012819940	PHILP 34.25PLOPENG	EUR											
Warrant	NL0012832315	PHILP 35.65PSOPENG	EUR											
Warrant	NL0012825962	PHILP 36.65PLOPENG	EUR											
Warrant	NL0012827224	PHILP 37.85PSOPENG	EUR											
Warrant	NL0012825970	PHILP 38.65PSOPENG	EUR											
Warrant	NL0012827935	PHILP 38.75PSOPENG	EUR											
Warrant	NL0012829378	PHILP 39.95PSOPENG	EUR											
Warrant	NL0010939344	PHILP15.25SPLOPENG	EUR	17,3200	17,3200	17,0000			17,0000					
Warrant	NL0010739876	PHILP16.21SPLOPENG	EUR	16,3500	16,3500	16,0300			16,0300					
Warrant	NL0010686309	PHILP17.27SPLOPENG	EUR	15,2600	15,2600	14,9400			14,9400					
Warrant	NL0010593497	PHILP18.39SPLOPENG	EUR	14,1500	14,1500	13,8300			13,8300					
Warrant	NL0011620844	PHILP19.45SPLOPENG	EUR	13,1200	13,1200	12,8000			12,8000					
Warrant	NL0011846175	PHILP20.52SPLOPENG	EUR	12,0400	12,0400	11,7200			11,7200					
Warrant	NL0011849500	PHILP21.64SPLOPENG	EUR	10,9200	10,9200	10,6000			10,6000					
Warrant	NL0011851704	PHILP22.81SPLOPENG	EUR	9,7500	9,7500	9,4300			9,4300					
Warrant	NL0011852926	PHILP24.04SPLOPENG	EUR	8,5200	8,5200	8,2000			8,2000					
Warrant	NL0011858113	PHILP25.33SPLOPENG	EUR	7,2300	7,2300	6,9100			6,9100					
Warrant	NL0012066914	PHILP26.69SPLOPENG	EUR	5,8700	5,8700	5,5500			5,5500					
Warrant	NL0012069561	PHILP28.12SPLOPENG	EUR	4,4500	4,4500	4,1300			4,1300					
Warrant	NL0012474522	PHILP29.57SPLOPENG	EUR	3,0000	3,0000	2,6800			2,6800					
Warrant	NL0012479927	PHILP31.03SPLOPENG	EUR											
Warrant	NL0012834311	PHILP31.05SPLOPENG	EUR	1,5100	1,5100	1,1900			1,1900					
Warrant	NL0012064729	PHILP32.28SPSOPENG	EUR											
Warrant	NL0012480669	PHILP32.62SPLOPENG	EUR											
Warrant	NL0012818637	PHILP34.25SPLOPENG	EUR											
Warrant	NL0012825772	PHILP35.96SPLOPENG	EUR											
Warrant	NL0012833859	PHILP36.04SPSOPENG	EUR	3,8700	4,1700	3,8700			4,1700					
Warrant	NL0012828404	PHILP37.71SPLOPENG	EUR											
Warrant	NL0012829790	PHILP37.75SPLOPENG	EUR											
Warrant	NL0012831846	PHILP38.78SPSOPENG	EUR	6,6300	6,9200	6,6300			6,9200					
Warrant	NL0012463491	PHILP39.22SPSOPENG	EUR											
Warrant	NL0012825368	PHILP41.71SPSOPENG	EUR	9,5300	9,8300	9,5300			9,8300					
Warrant	NL0012827885	PLATI 6385PLOPENG	EUR	1,5800	1,6000	1,5800			1,6000					
Warrant	NL0012825186	PLATI 6725PLOPENG	EUR	1,3000	1,3100	1,3000			1,3100					
Warrant	NL0012823207	PLATI 7075PLOPENG	EUR	1,0000	1,0100	1,0000			1,0100					
Warrant	NL0011483136	PLATI 7445PLOPENG	EUR	0,6800	0,6900	0,6800			0,6900					
Warrant	NL0011481726	PLATI 7725PLOPENG	EUR											
Warrant	NL0012829675	PLATI 7815PLOPENG	EUR											
Warrant	NL0012832679	PLATI 8175PLOPENG	EUR											
Warrant	NL0012827331	PLATI 8205PSOPENG	EUR											
Warrant	NL0012825194	PLATI 8965PSOPENG	EUR	1,4600	1,4600	1,4600			1,4600					
Warrant	NL0012062889	PLATI 9025PLOPENG	EUR											
Warrant	NL0012479083	PLATI 9635PSOPENG	EUR	2,0900	2,0900	2,0900			2,0900					
Warrant	NL0012478085	PLATI 1006PSOPENG	EUR	2,1400	2,1400	2,1400			2,1400					
Warrant	NL0011856448	PLATI 1036PSOPENG	EUR	2,7600	2,7600	2,7600			2,7600					
Warrant	NL0012079529	PLATI 1048PSOPENG	EUR	2,5100	2,5100	2,5100			2,5100					
Warrant	NL0011856422	PLATI 1084PSOPENG	EUR	3,2100	3,2100	3,2100			3,2100					
Warrant	NL0011852900	PLATI 1166PSOPENG	EUR	3,9600	3,9700	3,9600			3,9700					
Warrant	NL0010356432	PLATI 1559PSOPENG	EUR	7,6000	7,6300	7,6000			7,6300					
Warrant	NL0012831028	PLATI 787.SPLOPENG	EUR											
Warrant	NL0012827323	PLATI726.8SPLOPENG	EUR	0,6600	0,6700	0,6600			0,6700					
Warrant	NL0012825087	PLATI757.1SPLOPENG	EUR	0,3900	0,4100	0,3900			0,4100					
Warrant	NL0012822944	PLATI778.1SPLOPENG	EUR											
Warrant	NL0012824676	PLATI890.1SPSOPENG	EUR	1,1200	1,1200	1,1100			1,1100					
Warrant	NL0012070304	PLATI901.3SPLOPENG	EUR											
Warrant	NL0012819767	PLATI927.2SPSOPENG	EUR	1,4500	1,4500	1,4400			1,4400					
Warrant	NL0012478416	PLATI965.9PSOPENG	EUR	1,7900	1,7900	1,7800			1,7800					
Warrant	NL0009105386	POST 1SPLOPENG	EUR	1,2700	1,2700	1,2000			1,2000					
Warrant	DE000CV896E5	POST 3C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0012829402	POST 3SPLOPENG	EUR											
Warrant	NL0012832323	POST 3SPSOPENG	EUR	1,1400	1,2100	1,1400			1,2100					
Warrant	NL0010354429	POST 0.9SPLOPENG	EUR	1,3800	1,3800	1,3100	1320,0000	1	1,3100	1000				
Warrant	NL0010356143	POST 1.25PLOPENG	EUR	1,1300	1,1300	1,0600			1,0600					
Warrant	NL0010449500	POST 1.5SPLOPENG	EUR	0,8400	0,8400	0,7600	95,0000	1	0,7700	125				
Warrant	NL0010461067	POST 1.75PLOPENG	EUR	0,6800	0,6800	0,6000	21,0000	1	0,6100	35				
Warrant	NL0010465829	POST 1.9SPLOPENG	EUR	0,5100	0,5100	0,4400	4500,0000	3	0,4400	10000				
Warrant	NL0010525655	POST 2.1SPLOPENG	EUR	0,3300	0,3300	0,3300			0,3300					
Warrant	NL0010531067	POST 2.3SPLOPENG	EUR											
Warrant	NL0011478904	POST 2.45PLOPENG	EUR											
Warrant	NL0012836233	POST 2.45PLOPENG	EUR											
Warrant	NL0011618855	POST 2.6SPLOPENG	EUR											
Warrant	DE000CV896D7	POST 2.7C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					



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	NL0012821037	POST 2.8SPLOPENG	EUR											
Warrant	NL0012823009	POST 3.1SPLOPENG	EUR											
Warrant	NL0012826002	POST 3.3SPLOPENG	EUR											
Warrant	NL0012476261	POST 3.5SPSOPENG	EUR	1,7200	1,7900	1,7200			1,7900					
Warrant	NL0012074991	POST 4.2SPSOPENG	EUR	2,4500	2,5200	2,4500			2,5200					
Warrant	NL0012837835	POST 1.959SPLOPENG	EUR	0,2400	0,2400	0,1500	2100,0000	4		12000				
Warrant	NL0012832000	POST 2.106SPLOPENG	EUR	0,0700	0,0700	0,0700			0,0700					
Warrant	NL0012835185	POST 2.255SPLOPENG	EUR											
Warrant	NL0011618038	POST 2.387SPLOPENG	EUR											
Warrant	NL0012836746	POST 2.414SPLOPENG	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 3.052SPSOPENG	EUR	0,9600	1,0300	0,9600			1,0300					
Warrant	NL0012829956	POST 3.181SPLOPENG	EUR											
Warrant	NL0012825814	POST 3.255SPLOPENG	EUR											
Warrant	NL0012476451	POST 3.592SPSOPENG	EUR	1,5000	1,5700	1,5000			1,5700					
Warrant	NL0011862719	POST 4.268SPSOPENG	EUR	2,1700	2,2400	2,1700			2,2400					
Warrant	NL0011859228	POST 5.094SPSOPENG	EUR	3,0000	3,0700	3,0000			3,0700					
Warrant	DE000CV89689	PROX 20C 1218Z	EUR	0,6600	0,6600	0,6600			0,6600					
Warrant	DE000CV896A3	PROX 25C 1218Z	EUR	0,0120	0,0120	0,0120			0,0120					
Warrant	NL0009110550	PROX 9.5SPLOPENG	EUR	14,1100	14,6500	14,1100			14,6500					
Warrant	NL0010540431	PROX 12.8SPLOPENG	EUR	11,0800	11,6200	11,0800			11,6200					
Warrant	NL0010591111	PROX 14.6SPLOPENG	EUR	9,3600	9,9000	9,3600			9,9000					
Warrant	NL0010688164	PROX 16.6SPLOPENG	EUR	7,5000	8,0400	7,5000			8,0400					
Warrant	NL0010743233	PROX 18.6SPLOPENG	EUR	5,6300	6,1700	5,6300			6,1700					
Warrant	NL0012832356	PROX 20.3SPLOPENG	EUR	4,0300	4,5700	4,0300			4,5700					
Warrant	DE000CV89697	PROX 22.5C 1218Z	EUR	0,1850	0,1850	0,1850			0,1850					
Warrant	NL0011022363	PROX 33.5SPSOPENG	EUR	13,5100	13,5100	12,9400			12,9400					
Warrant	NL0010957833	PSI20 3790SPLOPENG	EUR	12,1600	12,1600	12,1100			12,1100					
Warrant	NL0011847462	RANDS 31SPLOPENG	EUR	11,0700	11,4500	11,0700			11,4500					
Warrant	DE000CJ3P135	RANDS 44C 0619Z	EUR	0,2350	0,2350	0,2250			0,2250					
Warrant	DE000CJ3N9K3	RANDS 45C 0319Z	EUR	0,1350	0,1350	0,1250			0,1250					
Warrant	NL0011195342	RANDS 58SPSOPENG	EUR	25,5200	25,5200	25,1000			25,1000					
Warrant	NL0009107044	RANDS 7.3SPLOPENG	EUR	32,5800	32,9600	32,5800			32,9600					
Warrant	NL0009111384	RANDS 9.5SPLOPENG	EUR	30,5800	30,9600	30,5800			30,9600					
Warrant	NL0009904036	RANDS 11.7SPLOPENG	EUR	28,5300	29,0400	28,5000	172270,0000	6		6000				
Warrant	NL0010102430	RANDS 12.9SPLOPENG	EUR	27,4900	27,8700	27,4900			27,8700					
Warrant	NL0010216800	RANDS 15.9SPLOPENG	EUR	24,7500	25,1300	24,7500			25,1300					
Warrant	NL0010218764	RANDS 17.8SPLOPENG	EUR	23,0200	23,4000	23,0200			23,4000					
Warrant	NL0010343992	RANDS 19.9SPLOPENG	EUR	21,1600	21,5400	21,1600			21,5400					
Warrant	NL0010361200	RANDS 21.9SPLOPENG	EUR	19,2700	19,6500	19,2700			19,6500					
Warrant	NL0010812327	RANDS 23.5SPLOPENG	EUR	15,8700	16,2500	15,8700			16,2500					
Warrant	NL0010830097	RANDS 24.1SPLOPENG	EUR	17,3200	17,7000	17,3200			17,7000					
Warrant	NL0010939732	RANDS 26.4SPLOPENG	EUR	15,2300	15,6100	15,2300			15,6100					
Warrant	NL0011850946	RANDS 33.5SPLOPENG	EUR	8,7600	9,1400	8,7600			9,1400					
Warrant	NL0011857370	RANDS 36.2SPLOPENG	EUR	6,3000	6,6800	6,3000			6,6800					
Warrant	NL0011858337	RANDS 39.1SPLOPENG	EUR											
Warrant	NL0011857594	RANDS 39.3SPLOPENG	EUR											
Warrant	NL0011859384	RANDS 42.1SPLOPENG	EUR											
Warrant	NL0012063184	RANDS 45.4SPLOPENG	EUR											
Warrant	DE000CJ3P067	RANDS 48.5C 0619Z	EUR	0,1020	0,1020	0,0940			0,0940					
Warrant	NL0012824072	RANDS 49.3SPLOPENG	EUR											
Warrant	DE000CV8AMY8	RANDS 55.2C 0319Z	EUR	0,0140	0,0140	0,0130			0,0130					
Warrant	NL0011304498	RANDS 63.8SPSOPENG	EUR	31,8700	31,8700	31,4500			31,4500					
Warrant	NL0010826194	RANDS21.94SPLOPENG	EUR	17,4200	17,8000	17,4200			17,8000					
Warrant	NL0010943122	RANDS26.72SPLOPENG	EUR	12,6400	13,0200	12,6400			13,0200					
Warrant	NL0011847306	RANDS28.32SPLOPENG	EUR	11,0500	11,4300	11,0500			11,4300					
Warrant	NL0011847595	RANDS29.97SPLOPENG	EUR	9,4000	9,7800	9,4000			9,7800					
Warrant	NL0011847587	RANDS31.71SPLOPENG	EUR	7,6600	8,0400	7,6600			8,0400					
Warrant	NL0011848767	RANDS33.28SPLOPENG	EUR	6,0900	6,4700	6,0900			6,4700					
Warrant	NL0011851712	RANDS35.18SPLOPENG	EUR	4,1800	4,5600	4,1800			4,5600					
Warrant	NL0011856570	RANDS37.19SPLOPENG	EUR	2,1700	2,5500	2,1700			2,5500					
Warrant	NL0012834329	RANDS41.25SPLOPENG	EUR											
Warrant	NL0011859210	RANDS41.42SPLOPENG	EUR											
Warrant	NL0011859707	RANDS43.71SPLOPENG	EUR											
Warrant	NL0012837827	RANDS44.02SPSOPENG	EUR	5,2000	5,2000	4,7800			4,7800					
Warrant	NL0012835961	RANDS44.04SPSOPENG	EUR											
Warrant	NL0012833867	RANDS44.14SPSOPENG	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	DE000CV896G0	RANDS44.35C 1218Z	EUR	0,0170	0,0170	0,0120			0,0120					
Warrant	NL0011862693	RANDS46.11SPLOPENG	EUR											
Warrant	NL0012831853	RANDS47.34SPSOPENG	EUR	8,5300	8,5300	8,1100			8,1100					
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	NL0012481188	RANDS54.75SPSOPENG	EUR	15,9400	15,9400	15,5200			15,5200					
Warrant	NL0011301940	RANDS58.93SPSOPENG	EUR	20,1200	20,1200	19,7000			19,7000					
Warrant	DE000CV8ANK5	RANDS59.14C 0319Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0012064620	RELX 14SPLOPENG	EUR	5,1800	5,3600	5,1800			5,3600					
Warrant	NL0006423501	RELX 1.2SPLOPENG	EUR	25,7600	26,0400	25,7600			26,0400					
Warrant	NL0010087599	RELX 3.7SPLOPENG	EUR	22,3000	22,5800	22,3000			22,5800					
Warrant	NL0010214706	RELX 4.8SPLOPENG	EUR	20,7600	21,0300	20,7600			21,0300					
Warrant	NL0010744066	RELX 8.4SPLOPENG	EUR	15,8100	16,0800	15,8100			16,0800					
Warrant	NL0010746236	RELX 9.1SPLOPENG	EUR	14,7800	15,0600	14,7800			15,0600					
Warrant	NL0010940789	RELX 9.9SPLOPENG	EUR	13,7100	13,9800	13,7100			13,9800					
Warrant	NL0010944583	RELX 10.7SPLOPENG	EUR	12,5600	12,8300	12,5600			12,8300					
Warrant	NL0010967832	RELX 11.6SPLOPENG	EUR	11,3200	11,6000	11,3200			11,6000					
Warrant	NL0011372610	RELX 12.7SPLOPENG	EUR	6,3100	6,4900	6,3100			6,4900					
Warrant	NL0012068068	RELX 15.3SPLOPENG	EUR	3,9600	4,1400	3,9600	930,7000	1	4,1400	227				
Warrant	NL0012481394	RELX 16.7SPLOPENG	EUR	2,6900	2,8700	2,6900			2,8700					
Warrant	NL0012824098	RELX 18.2SPLOPENG	EUR											
Warrant	NL0012465132	RELX 21.5SPSOPENG	EUR	6,1700	6,1700	5,9800	799,3300	1	5,9800	133				
Warrant	NL0011370028	RWE 9SPLOPENG	EUR	10,3700	10,3700	10,3500			10,3500					
Warrant	NL0011374004	RWE 8.3SPLOPENG	EUR	11,0100	11,0100	10,9900			10,9900					
Warrant	NL0011374491	RWE 9.7SPLOPENG	EUR	9,7800	9,7800	9,7600			9,7600					
Warrant	NL0010587838	RYA 3.8SPLOPENG	EUR	7,1800	7,3500	7,1800			7,3500					
Warrant	NL0010598454	RYA 4.9SPLOPENG	EUR	6,1500	6,3300	6,1500			6,3300					
Warrant	NL0010537254	SANOF 52SPLOPENG	EUR	30,2600	30,2600	30,1800			30,1800					
Warrant	NL0010537072	SANOF 57SPLOPENG	EUR	25,6500	25,6500	25,5700			25,5700					
Warrant	NL0012819411	SANOF 62.1SPLOPENG	EUR	20,8700	20,8700	20,7900			20,7900					
Warrant	NL0012829915	SANOF 67.7SPLOPENG	EUR	15,6700	15,6700	15,5900			15,5900					
Warrant	NL0011206891	SANOF 89.7SPSOPENG	EUR	18,5500	18,6000	18,5500			18,6000					
Warrant	NL0011194683	SANOF100.7SPSOPENG	EUR	30,4500	30,5000	30,4500			30,5000					
Warrant	NL0012825996	SBMOF 12SPLOPENG	EUR	1,5900	2,0500	1,5900			2,0500					
Warrant	NL0010215521	SBMOF 5.6SPLOPENG	EUR	7,4600	7,9200	7,4600			7,9200					
Warrant	NL0006423840	SBMOF 6.1SPLOPENG	EUR	6,9900	7,4500	6,9900			7,4500					
Warrant	NL0006423246	SBMOF 7.3SPLOPENG	EUR	5,8500	6,3100	5,8500			6,3100					
Warrant	NL0010216032	SBMOF 7.9SPLOPENG	EUR	5,3100	5,7700	5,3100			5,7700					
Warrant	NL0011010178	SBMOF 8.5SPLOPENG	EUR	4,7800	5,2400	4,7800			5,2400					
Warrant	NL0011372594	SBMOF 9.2SPLOPENG	EUR	4,1900	4,6500	4,1900			4,6500					
Warrant	NL0012824478	SBMOF 9.8SPLOPENG	EUR	3,6000	4,0600	3,6000			4,0600					
Warrant	NL0012824965	SBMOF 10.5SPLOPENG	EUR	2,9800	3,4400	2,9800			3,4400					
Warrant	NL0012825459	SBMOF 11.2SPLOPENG	EUR	2,3100	2,7700	2,3100			2,7700					
Warrant	NL0012825988	SBMOF 12.9SPLOPENG	EUR											
Warrant	DE000CV896P1	SBMOF 13.5C 1218Z	EUR	0,1500	0,1500	0,1500			0,1500					
Warrant	NL0012828735	SBMOF 13.7SPLOPENG	EUR											
Warrant	NL0012821441	SBMOF 14.2SPSOPENG	EUR											
Warrant	NL0012829394	SBMOF 14.7SPLOPENG	EUR											
Warrant	NL0012835730	SBMOF 15.4SPSOPENG	EUR	4,7600	4,7600	4,2900			4,2900					
Warrant	NL0012831549	SBMOF 15.5SPLOPENG	EUR											
Warrant	NL0012474712	SBMOF 15.6SPSOPENG	EUR											
Warrant	NL0012831952	SBMOF 15.7SPLOPENG	EUR											
Warrant	NL0012834972	SBMOF 16.9SPSOPENG	EUR	6,4500	6,4500	5,9800			5,9800					
Warrant	NL0009613611	SBMOF 17.1SPSOPENG	EUR											
Warrant	NL0012831960	SBMOF 18.6SPSOPENG	EUR	8,3300	8,3300	7,8600			7,8600					
Warrant	NL0010967642	SBMOF 6.86SPLOPENG	EUR	5,6700	6,1300	5,6700			6,1300					
Warrant	NL0010967634	SBMOF 7.24SPLOPENG	EUR	5,2800	5,7400	5,2800			5,7400					
Warrant	NL0010958641	SBMOF 7.64SPLOPENG	EUR	4,8800	5,3400	4,8800			5,3400					
Warrant	NL0010968871	SBMOF 8.07SPLOPENG	EUR	4,4600	4,9200	4,4600			4,9200					
Warrant	NL0010969234	SBMOF 8.51SPLOPENG	EUR	4,0200	4,4800	4,0200			4,4800					
Warrant	NL0011364781	SBMOF 8.98SPLOPENG	EUR	3,5900	4,0500	3,5900			4,0500					
Warrant	NL0011372339	SBMOF 9.48SPLOPENG	EUR	3,0800	3,5400	3,0800			3,5400					
Warrant	NL0012824767	SBMOF 9.94SPLOPENG	EUR	2,6300	3,0900	2,6300			3,0900					
Warrant	NL0012825020	SBMOF10.46SPLOPENG	EUR	2,1000	2,5600	2,1000			2,5600					
Warrant	NL0012825103	SBMOF10.99SPLOPENG	EUR	1,5700	2,0300	1,5700			2,0300					
Warrant	NL0012825806	SBMOF11.55SPLOPENG	EUR	1,0100	1,4700	1,0100	217,5000	1	1,4700	150				
Warrant	NL0012825798	SBMOF12.14SPLOPENG	EUR	0,4300	0,8900	0,4300			0,8900					
Warrant	NL0012825780	SBMOF12.75SPLOPENG	EUR											
Warrant	NL0012827729	SBMOF13.39SPLOPENG	EUR											
Warrant	NL0012823306	SBMOF13.69SPSOPENG	EUR											
Warrant	NL0012828693	SBMOF14.06SPLOPENG	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	NL0012835359	SBMOF14.07SPLOPENG	EUR											
Warrant	NL0012835979	SBMOF14.46SPSOPENG	EUR	2,1600	2,1600	1,6900			1,6900					
Warrant	NL0012473052	SBMOF14.71SPSOPENG	EUR											
Warrant	NL0012828685	SBMOF14.73SPLOPENG	EUR											
Warrant	NL0012829808	SBMOF14.76SPLOPENG	EUR											
Warrant	NL0012833875	SBMOF15.55SPSOPENG	EUR	3,2500	3,2500	2,7800			2,7800					
Warrant	NL0012063036	SBMOF15.82SPSOPENG	EUR											
Warrant	NL0012831861	SBMOF16.28SPLOPENG	EUR											
Warrant	NL0012832083	SBMOF16.73SPSOPENG	EUR	4,4300	4,4300	3,9600			3,9600					
Warrant	NL0012461925	SBMOF16.89SPSOPENG	EUR											
Warrant	NL0012831556	SBMOF18.01SPSOPENG	EUR	5,7100	5,7100	5,2400			5,2400					
Warrant	NL0012294375	SDJES 70C 0927G	EUR	6,6700	6,9300	6,6700			6,9300					
Warrant	NL0012818447	SDJES 69.7C 1028G	EUR	7,8000	8,1000	7,8000	694,2000	1	8,1000	89				
Warrant	NL0012703094	SDJES 70.4C 0328G	EUR	6,5300	6,7900	6,5300			6,7900					
Warrant	NL0012703078	SDJES 71.1C 0228G	EUR	6,2600	6,5100	6,2600			6,5100					
Warrant	NL0012235832	SDJES 71.6C 0427G	EUR	5,8200	6,0500	5,8200			6,0500					
Warrant	NL0012375257	SDJES 73.8C 1027G	EUR	5,7100	5,9500	5,7100			5,9500					
Warrant	NL0012703045	SDJES 75.1C 0128G	EUR	5,3700	5,5900	5,3700			5,5900					
Warrant	NL0012156152	SDJES64.56C 0227G	EUR	8,5800	8,8800	8,5800			8,8800					
Warrant	NL0012156137	SDJES65.61C 0127G	EUR	7,9900	8,2800	7,9900			8,2800					
Warrant	NL0012156178	SDJES66.01C 0327G	EUR	7,9800	8,2700	7,9800			8,2700					
Warrant	NL0012156160	SDJES66.06C 0227G	EUR	7,8600	8,1500	7,8600			8,1500					
Warrant	NL0012818470	SDJES66.66C 1128G	EUR	8,8500	9,1800	8,8500			9,1800					
Warrant	NL0012703110	SDJES67.32C 0328G	EUR	7,9900	8,2900	7,9900			8,2900					
Warrant	NL0012818454	SDJES67.35C 1028G	EUR	8,5500	8,8600	8,5500			8,8600					
Warrant	NL0012156186	SDJES67.56C 0327G	EUR	7,2800	7,5500	7,2800			7,5500					
Warrant	NL0012818462	SDJES67.87C 1128G	EUR	8,3400	8,6400	8,3400			8,6400					
Warrant	NL0012818488	SDJES67.87C 1228G	EUR	8,5200	8,9800	8,4800	125654,4600	23	8,8300	14434				
Warrant	NL0012156194	SDJES68.14C 0327G	EUR	6,9800	7,2400	6,9800			7,2400					
Warrant	NL0012235824	SDJES68.14C 0427G	EUR	6,9900	7,2500	6,9900			7,2500					
Warrant	NL0012235808	SDJES68.63C 0327G	EUR	6,9100	7,1700	6,9100			7,1700					
Warrant	NL0012235790	SDJES68.63C 0327G	EUR	6,8600	7,1200	6,8600			7,1200					
Warrant	NL0012703086	SDJES68.91C 0328G	EUR	6,9400	7,2000	6,9400			7,2000					
Warrant	NL0012235816	SDJES69.59C 0427G	EUR	6,4400	6,7000	6,4400			6,7000					
Warrant	NL0012703102	SDJES69.69C 0328G	EUR	6,8500	7,1200	6,8500			7,1200					
Warrant	NL0012703060	SDJES69.87C 0228G	EUR	6,3700	6,6200	6,3700			6,6200					
Warrant	NL0012818421	SDJES69.95C 0928G	EUR	8,0000	8,3100	8,0000			8,3100					
Warrant	NL0012703128	SDJES70.35C 0428G	EUR	7,0100	7,2800	7,0100			7,2800					
Warrant	NL0012703136	SDJES70.85C 0428G	EUR	6,9100	7,1800	6,9100			7,1800					
Warrant	NL0012818397	SDJES70.87C 0728G	EUR	7,3200	7,6000	7,3200			7,6000					
Warrant	NL0012818389	SDJES70.88C 0628G	EUR	7,2800	7,5600	7,2800			7,5600					
Warrant	NL0012294359	SDJES71.03C 0727G	EUR	6,1900	6,4400	6,1900			6,4400					
Warrant	NL0012703052	SDJES71.32C 0228G	EUR	6,0300	6,2700	6,0300			6,2700					
Warrant	NL0012294383	SDJES71.34C 0927G	EUR	6,3300	6,5900	6,3300			6,5900					
Warrant	NL0012818413	SDJES71.49C 0928G	EUR	7,4400	7,7200	7,4400			7,7200					
Warrant	NL0012294367	SDJES71.67C 0727G	EUR	5,9200	6,1700	5,9200			6,1700					
Warrant	NL0012818439	SDJES71.81C 0928G	EUR	7,2300	7,5000	7,2300			7,5000					
Warrant	NL0012294276	SDJES71.88C 0527G	EUR	5,7200	5,9600	5,7200			5,9600					
Warrant	NL0012294334	SDJES72.18C 0627G	EUR	5,8500	6,0900	5,8500			6,0900					
Warrant	NL0012294391	SDJES72.29C 0927G	EUR	6,0500	6,3000	6,0500			6,3000					
Warrant	NL0012294326	SDJES72.33C 0627G	EUR	5,7800	6,0200	5,7800			6,0200					
Warrant	NL0012818306	SDJES72.39C 0428G	EUR	6,4100	6,6700	6,4100			6,6700					
Warrant	NL0012294300	SDJES72.53C 0527G	EUR	5,6000	5,8300	5,6000			5,8300					
Warrant	NL0012294342	SDJES72.53C 0627G	EUR	5,8200	6,0500	5,8200			6,0500					
Warrant	NL0012818405	SDJES72.54C 0728G	EUR	6,8200	7,1000	6,8200			7,1000					
Warrant	NL0012294318	SDJES72.63C 0527G	EUR	5,6300	5,8700	5,6300			5,8700					
Warrant	NL0012818363	SDJES72.81C 0628G	EUR	6,5100	6,7700	6,5100			6,7700					
Warrant	NL0012375273	SDJES72.81C 1127G	EUR	5,9200	6,1600	5,9200			6,1600					
Warrant	NL0012818355	SDJES72.84C 0528G	EUR	6,5700	6,8400	6,5700			6,8400					
Warrant	NL0012375281	SDJES73.14C 1227G	EUR	5,8800	6,1300	5,8800			6,1300					
Warrant	NL0012818371	SDJES73.17C 0628G	EUR	6,4100	6,6800	6,4100			6,6800					
Warrant	NL0012294284	SDJES73.41C 0527G	EUR	5,2800	5,5000	5,2800	1024,3200	1	5,5000	194				
Warrant	NL0012818314	SDJES73.52C 0428G	EUR	6,1800	6,4400	6,1800			6,4400					
Warrant	NL0012294292	SDJES73.64C 0527G	EUR	5,2600	5,4700	5,2600			5,4700					
Warrant	NL0012375240	SDJES73.76C 1027G	EUR	5,6400	5,8800	5,6400			5,8800					
Warrant	NL0012703037	SDJES73.99C 0128G	EUR	5,5700	5,8000	5,5700			5,8000					
Warrant	NL0012818322	SDJES74.01C 0528G	EUR	6,0900	6,3500	6,0900	1218,0000	1	6,3500	200				
Warrant	NL0012818330	SDJES74.21C 0528G	EUR	5,9700	6,2300	5,9700			6,2300					
Warrant	NL0012818348	SDJES74.96C 0528G	EUR	5,8200	6,0600	5,8200			6,0600					
Warrant	NL0012375265	SDJES75.28C 1127G	EUR	5,3700	5,6000	5,3700			5,6000					
Warrant	XS1264751105	SELRE STN0923G	EUR	98,1900	98,5000	98,1900			98,5000					
Warrant	NL0009368901	SHELL 10SPLOPENG	EUR	16,5000	16,7600	16,5000			16,7600					



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
Warrant	NL0012081368	SHELL 22SPLOPENG	EUR	5,3400	5,6000	5,3400			5,6000					
Warrant	DE000CV896L0	SHELL 27C 1218Z	EUR	0,1300	0,1300	0,0670			0,0670					
Warrant	DE000CV8AMZ5	SHELL 30C 0319Z	EUR	0,0160	0,0160	0,0140			0,0140					
Warrant	DE000CV896M8	SHELL 30C 1218Z	EUR	0,0300	0,0320	0,0300			0,0320					
Warrant	NL0012478978	SHELL 31SPSOPENG	EUR	7,8000	7,8000	7,5300			7,5300					
Warrant	DE000CJ3P075	SHELL 33C 0619Z	EUR	0,0140	0,0140	0,0120			0,0120					
Warrant	NL0006420960	SHELL 0.4SPLOPENG	EUR	25,4700	25,7400	25,4700			25,7400					
Warrant	NL0006427700	SHELL 2.1SPLOPENG	EUR	23,8700	24,1400	23,8700			24,1400					
Warrant	NL0009107051	SHELL 3.6SPLOPENG	EUR	22,4100	22,6700	22,4100			22,6700					
Warrant	NL0009111111	SHELL 4.8SPLOPENG	EUR	21,3900	21,6600	21,3900			21,6600					
Warrant	NL0009111988	SHELL 5.8SPLOPENG	EUR	20,3900	20,6600	20,3900			20,6600					
Warrant	NL0009230697	SHELL 6.9SPLOPENG	EUR	19,3800	19,6400	19,3800			19,6400					
Warrant	NL0009234319	SHELL 8.2SPLOPENG	EUR	18,1800	18,4400	18,1800			18,4400					
Warrant	NL0009763879	SHELL 11.7SPLOPENG	EUR	14,9200	15,1900	14,9200			15,1900					
Warrant	NL0011492822	SHELL 12.6SPLOPENG	EUR	14,1100	14,3800	14,1100			14,3800					
Warrant	NL0011618848	SHELL 13.5SPLOPENG	EUR	13,2700	13,5400	13,2700			13,5400					
Warrant	NL0011619739	SHELL 14.5SPLOPENG	EUR	12,3800	12,6500	12,3800			12,6500					
Warrant	NL0011622386	SHELL 15.4SPLOPENG	EUR	11,4700	11,7400	11,4700			11,7400					
Warrant	NL0011627823	SHELL 16.5SPLOPENG	EUR	10,5000	10,7700	10,5000			10,7700					
Warrant	NL0011628532	SHELL 17.5SPLOPENG	EUR	9,5100	9,7800	9,5100			9,7800					
Warrant	NL0011856182	SHELL 18.6SPLOPENG	EUR	8,5000	8,7700	8,5000			8,7700					
Warrant	NL0011860762	SHELL 19.7SPLOPENG	EUR	7,4400	7,7000	7,4400			7,7000					
Warrant	NL0012076228	SHELL 20.9SPLOPENG	EUR	6,4100	6,6800	6,4100			6,6800					
Warrant	NL0012080600	SHELL 21.4SPLOPENG	EUR	4,4700	4,7300	4,4700			4,7300					
Warrant	NL0011853791	SHELL 21.9SPLOPENG	EUR											
Warrant	NL0011859392	SHELL 22.6SPLOPENG	EUR											
Warrant	NL0012473128	SHELL 23.2SPLOPENG	EUR	4,2300	4,4900	4,2300			4,4900					
Warrant	NL0012472096	SHELL 23.8SPLOPENG	EUR	1,9800	2,4000	1,9800	12382,6800	5	2,2500	5499				
Warrant	NL0012478960	SHELL 24.4SPLOPENG	EUR	3,0800	3,3500	3,0800			3,3500					
Warrant	NL0012479554	SHELL 25.7SPLOPENG	EUR											
Warrant	NL0012481345	SHELL 27.4SPLOPENG	EUR											
Warrant	NL0012831168	SHELL 27.4SPLOPENG	EUR											
Warrant	NL0012827943	SHELL 27.4SPLOPENG	EUR											
Warrant	DE000CJ3QEC4	SHELL 27.5C 0619Z	EUR	0,1350	0,1350	0,1250			0,1250					
Warrant	NL0012829113	SHELL 28.3SPSOPENG	EUR											
Warrant	NL0012831150	SHELL 28.8SPLOPENG	EUR											
Warrant	NL0012835722	SHELL 28.8SPSOPENG	EUR	5,4500	5,4500	5,1800			5,1800					
Warrant	NL0012829386	SHELL 29.3SPSOPENG	EUR											
Warrant	NL0012827950	SHELL 33.2SPSOPENG	EUR	10,1700	10,1700	9,9000			9,9000					
Warrant	NL0012819296	SHELL 34.5SPSOPENG	EUR	8,8800	8,8800	8,6100			8,6100					
Warrant	NL0011492483	SHELL 9.36SPLOPENG	EUR	16,4800	16,7500	16,4800			16,7500					
Warrant	NL0011371372	SHELL11.73SPLOPENG	EUR	14,1200	14,3800	14,1200			14,3800					
Warrant	NL0011617204	SHELL13.48SPLOPENG	EUR	12,3600	12,6300	12,3600			12,6300					
Warrant	NL0011618723	SHELL14.42SPLOPENG	EUR	11,4300	11,7000	11,4300			11,7000					
Warrant	NL0011619994	SHELL15.41SPLOPENG	EUR	10,4400	10,7000	10,4400			10,7000					
Warrant	NL0011622659	SHELL16.43SPLOPENG	EUR	9,4500	9,7100	9,4500			9,7100					
Warrant	NL0011628334	SHELL17.49SPLOPENG	EUR	8,3900	8,6500	8,3900			8,6500					
Warrant	NL0011856075	SHELL18.56SPLOPENG	EUR	7,3100	7,5700	7,3100			7,5700					
Warrant	NL0011861653	SHELL19.05SPLOPENG	EUR	6,8100	7,2200	6,8100	361,0000	1	7,0800	50				
Warrant	NL0011859715	SHELL19.66SPLOPENG	EUR	6,2100	6,4700	6,2100			6,4700					
Warrant	NL0011620760	SHELL20.15SPLOPENG	EUR											
Warrant	NL0011861885	SHELL20.82SPLOPENG	EUR	5,0200	5,2800	5,0200			5,2800					
Warrant	NL0012461909	SHELL22.58SPLOPENG	EUR	3,2900	3,5500	3,2900			3,5500					
Warrant	NL0012475206	SHELL23.05SPLOPENG	EUR	2,8200	3,0900	2,8200			3,0900					
Warrant	NL0012478812	SHELL25.07SPLOPENG	EUR	0,7900	1,2100	0,7900	2300,0000	2	1,0600	2000				
Warrant	NL0012067516	SHELL25.39SPSOPENG	EUR											
Warrant	NL0012836738	SHELL26.33SPLOPENG	EUR											
Warrant	NL0012834469	SHELL26.33SPLOPENG	EUR											
Warrant	NL0012480347	SHELL26.76SPLOPENG	EUR											
Warrant	NL0012819346	SHELL27.35SPLOPENG	EUR											
Warrant	NL0012836332	SHELL27.76SPSOPENG	EUR	2,1400	2,1400	1,8700			1,8700					
Warrant	NL0012830822	SHELL28.09SPLOPENG	EUR											
Warrant	NL0012819338	SHELL28.49SPLOPENG	EUR											
Warrant	NL0012820567	SHELL29.86SPSOPENG	EUR	4,2400	4,2400	3,9700			3,9700					
Warrant	NL0012469407	SHELL32.19SPSOPENG	EUR	6,5700	6,5700	6,3000			6,3000					
Warrant	NL0006408593	SILVE 10SPLOPENG	EUR	4,5100	4,5100	4,5100			4,5100					
Warrant	NL0012827018	SILVE 14SPLOPENG	EUR											
Warrant	NL0012827190	SILVE 5.1SPLOPENG	EUR	8,6100	8,6200	8,6100			8,6200					
Warrant	NL0012827182	SILVE 6.1SPLOPENG	EUR	7,7700	7,7800	7,7700			7,7800					
Warrant	NL0012827174	SILVE 7.1SPLOPENG	EUR	6,9200	6,9300	6,9200			6,9300					
Warrant	NL0012827166	SILVE 8.2SPLOPENG	EUR	6,0800	6,0800	6,0800			6,0800					
Warrant	NL0012827158	SILVE 9.2SPLOPENG	EUR	5,2200	5,2200	5,2200			5,2200					



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012827141	SILVE 10.2SPLOPENG	EUR	4,3700	4,3700	4,3700			4,3700					
Warrant	NL0006408601	SILVE 10.6SPLOPENG	EUR	4,0100	4,0100	4,0000			4,0000					
Warrant	NL0012827133	SILVE 11.2SPLOPENG	EUR	3,5300	3,5300	3,5200			3,5200					
Warrant	NL0012827125	SILVE 12.2SPLOPENG	EUR	2,6800	2,6800	2,6700			2,6700					
Warrant	NL0006423808	SILVE 12.4SPLOPENG	EUR	2,5000	2,5000	2,4900			2,4900					
Warrant	NL0012827117	SILVE 13.2SPLOPENG	EUR	1,8200	1,8200	1,8100			1,8100					
Warrant	NL0011485875	SILVE 13.3SPLOPENG	EUR	1,2000	1,3100	1,1800	2451,0100	1	1,1800	1871				
Warrant	NL0011618384	SILVE 13.6SPLOPENG	EUR	1,5300	1,5300	1,5100			1,5100					
Warrant	NL0006425597	SILVE 13.7SPLOPENG	EUR	1,4000	1,4000	1,3800			1,3800					
Warrant	NL0012837462	SILVE 14.1SPLOPENG	EUR	1,0600	1,0600	1,0400			1,0400					
Warrant	NL0012829626	SILVE 14.1SPLOPENG	EUR											
Warrant	NL0012827000	SILVE 14.4SPLOPENG	EUR											
Warrant	NL0011483482	SILVE 14.4SPLOPENG	EUR											
Warrant	NL0012832661	SILVE 14.5SPLOPENG	EUR											
Warrant	NL0011483672	SILVE 14.8SPLOPENG	EUR											
Warrant	NL0012829634	SILVE 14.8SPLOPENG	EUR											
Warrant	NL0012832026	SILVE 14.8SPLOPENG	EUR											
Warrant	NL0012837470	SILVE 14.8SPLOPENG	EUR	0,9600	1,0000	0,9600			1,0000					
Warrant	NL0012825152	SILVE 15.2SPLOPENG	EUR											
Warrant	NL0012828073	SILVE 15.3SPLOPENG	EUR	0,7200	0,7500	0,6800	40,8000	1	0,7500	60				
Warrant	NL0012827869	SILVE 15.6SPLOPENG	EUR	1,6900	1,7300	1,6900			1,7300					
Warrant	NL0012825905	SILVE 15.7SPLOPENG	EUR	1,1100	1,1400	1,1100			1,1400					
Warrant	NL0012824643	SILVE 16.1SPLOPENG	EUR	1,4600	1,4900	1,4600			1,4900					
Warrant	NL0012063085	SILVE 16.4SPLOPENG	EUR											
Warrant	NL0012825160	SILVE 16.4SPLOPENG	EUR	2,4600	2,5000	2,4600			2,5000					
Warrant	NL0012823173	SILVE 17.3SPLOPENG	EUR	3,2700	3,3100	3,2700			3,3100					
Warrant	NL0011859095	SILVE 17.7SPLOPENG	EUR											
Warrant	NL0012070627	SILVE 18.2SPLOPENG	EUR	4,1200	4,1600	4,1200			4,1600					
Warrant	NL0011856406	SILVE 19.2SPLOPENG	EUR	5,0100	5,0600	5,0100			5,0600					
Warrant	NL0011851829	SILVE 19.8SPLOPENG	EUR											
Warrant	NL0011852595	SILVE 20.2SPLOPENG	EUR	5,9600	6,0100	5,9600			6,0100					
Warrant	NL0011846118	SILVE 21.3SPLOPENG	EUR	6,9500	7,0100	6,9500			7,0100					
Warrant	NL0010534822	SILVE 23.3SPLOPENG	EUR	7,7600	7,8200	7,7600			7,8200					
Warrant	NL0010358487	SILVE 23.6SPLOPENG	EUR	9,0900	9,1600	9,0900			9,1600					
Warrant	NL0011848627	SILVE 24.8SPLOPENG	EUR	10,1800	10,2600	10,1800			10,2600					
Warrant	NL0012827109	SILVE 6.08SPLOPENG	EUR	7,5800	7,5900	7,5800			7,5900					
Warrant	NL0012827075	SILVE 9.12SPLOPENG	EUR	4,9100	4,9100	4,9000			4,9000					
Warrant	NL0012827067	SILVE10.13SPLOPENG	EUR	4,0100	4,0100	4,0100			4,0100					
Warrant	NL0012827059	SILVE11.15SPLOPENG	EUR	3,1200	3,1200	3,1100			3,1100					
Warrant	NL0012827042	SILVE12.16SPLOPENG	EUR	2,2200	2,2200	2,2000			2,2000					
Warrant	NL0011481973	SILVE13.64SPLOPENG	EUR	0,8700	0,8700	0,8500			0,8500					
Warrant	NL0011365903	SILVE13.94SPLOPENG	EUR											
Warrant	NL0012835508	SILVE13.98SPLOPENG	EUR	0,6200	0,6500	0,6200	65,0000	1	0,6200	100				
Warrant	NL0011305065	SILVE14.19SPLOPENG	EUR											
Warrant	NL0012830996	SILVE14.27SPLOPENG	EUR											
Warrant	NL0012827687	SILVE14.52SPLOPENG	EUR											
Warrant	NL0011299003	SILVE14.52SPLOPENG	EUR											
Warrant	NL0012830004	SILVE14.54SPLOPENG	EUR											
Warrant	NL0011486774	SILVE14.88SPLOPENG	EUR											
Warrant	NL0012828065	SILVE14.92SPLOPENG	EUR											
Warrant	NL0012828784	SILVE14.92SPLOPENG	EUR	0,3800	0,4100	0,3800			0,4100					
Warrant	NL0012063648	SILVE16.48SPLOPENG	EUR											
Warrant	NL0012822902	SILVE16.51SPLOPENG	EUR	1,7800	1,8200	1,7800			1,8200					
Warrant	NL0012822068	SILVE16.94SPLOPENG	EUR	2,1600	2,1900	2,1600			2,1900					
Warrant	NL0011843297	SILVE17.32SPLOPENG	EUR											
Warrant	NL0012472609	SILVE17.37SPLOPENG	EUR	2,5400	2,5800	2,5400			2,5800					
Warrant	NL0011858451	SILVE17.51SPLOPENG	EUR											
Warrant	NL0012081202	SILVE17.82SPLOPENG	EUR	2,9300	2,9700	2,9300			2,9700					
Warrant	NL0011858881	SILVE17.95SPLOPENG	EUR											
Warrant	NL0012070452	SILVE18.27SPLOPENG	EUR	3,3700	3,4200	3,3700			3,4200					
Warrant	NL0011860275	SILVE18.74SPLOPENG	EUR	3,7500	3,7900	3,7500			3,7900					
Warrant	NL0011856489	SILVE19.22SPLOPENG	EUR	4,2200	4,2600	4,2200			4,2600					
Warrant	NL0011853874	SILVE19.24SPLOPENG	EUR											
Warrant	NL0011855598	SILVE19.72SPLOPENG	EUR	4,6100	4,6600	4,6100			4,6600					
Warrant	NL0011851308	SILVE20.22SPLOPENG	EUR	5,0500	5,1000	5,0500			5,1000					
Warrant	NL0011846647	SILVE20.74SPLOPENG	EUR	5,5400	5,6000	5,5400			5,6000					
Warrant	NL0010587226	SILVE21.27SPLOPENG	EUR	5,9700	6,0300	5,9700			6,0300					
Warrant	NL0010358719	SILVE25.14SPLOPENG	EUR	9,3700	9,4500	9,3700			9,4500					
Warrant	NL0011848742	SILVE25.77SPLOPENG	EUR	9,9700	10,0400	9,9700			10,0400					
Warrant	NL0012827091	SILVE7.094SPLOPENG	EUR	6,7300	6,7400	6,7300			6,7400					
Warrant	NL0012827083	SILVE8.107SPLOPENG	EUR	5,8000	5,8000	5,8000			5,8000					
Warrant	NL0010344651	SNSRE 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	NL0009757996	SNSRE 4SPSOPENG	EUR											
Warrant	NL0010345914	SNSRE 0.6SPLOPENG	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	12,5500	12,6600	12,5500			12,6600					
Warrant	NL0010959813	SOGEN 21.3SPLOPENG	EUR	10,3200	10,4300	10,3200			10,4300					
Warrant	NL0011212576	SOGEN 51.8SPSOPENG	EUR											
Warrant	NL0011851001	SOLVA 84SPLOPENG	EUR	12,0300	12,0300	11,7100			11,7100					
Warrant	NL0009112507	SOLVA 41.25PLOPENG	EUR	51,8700	51,8700	51,5500			51,5500					
Warrant	NL0010201976	SOLVA 63.3SPLOPENG	EUR	31,3100	31,3100	30,9900			30,9900					
Warrant	NL0011621586	SOLVA 69.75PLOPENG	EUR	25,3300	25,3300	25,0100			25,0100					
Warrant	NL0011855333	SOLVA 92.1SPLOPENG	EUR											
Warrant	NL0012064646	SOLVA100.5SPLOPENG	EUR											
Warrant	NL0011199286	SOLVA122.5SPSOPENG	EUR											
Warrant	NL0006427619	SP500 282SPLOPENG	EUR	20,8200	20,9300	20,8200			20,9300					
Warrant	NL0009882281	SP500 1051SPLOPENG	EUR	14,2300	14,3100	14,2300			14,3100					
Warrant	NL0009906999	SP500 1227SPLOPENG	EUR	12,7300	12,8000	12,7300			12,8000					
Warrant	NL0010203741	SP500 1297SPLOPENG	EUR	12,1500	12,2200	12,1500			12,2200					
Warrant	NL0010354338	SP500 1427SPLOPENG	EUR	10,6900	10,7500	10,6900			10,7500					
Warrant	NL0010352084	SP500 1457SPLOPENG	EUR	10,7900	10,8500	10,7900			10,8500					
Warrant	NL0010354296	SP500 1532SPLOPENG	EUR	9,7600	9,8100	9,7600			9,8100					
Warrant	NL0010362919	SP500 1542SPLOPENG	EUR	10,0600	10,1100	10,0600			10,1100					
Warrant	NL0010466140	SP500 1585SPLOPENG	EUR	9,3000	9,3500	9,3000			9,3500					
Warrant	NL0010527669	SP500 1631SPLOPENG	EUR	9,2900	9,3500	9,2900			9,3500					
Warrant	NL0010543898	SP500 1677SPLOPENG	EUR	8,4900	8,5400	8,4900			8,5400					
Warrant	NL0010545067	SP500 1715SPLOPENG	EUR	8,1600	8,2000	8,1600			8,2000					
Warrant	NL0010584215	SP500 1745SPLOPENG	EUR	8,3200	8,3700	8,3200			8,3700					
Warrant	NL0010585436	SP500 1754SPLOPENG	EUR	7,8100	7,8600	7,8100			7,8600					
Warrant	NL0010679551	SP500 1793SPLOPENG	EUR	7,4700	7,5100	7,4700			7,5100					
Warrant	NL0010679353	SP500 1804SPLOPENG	EUR	7,8200	7,8700	7,8200			7,8700					
Warrant	NL0010681037	SP500 1833SPLOPENG	EUR	7,1100	7,1600	7,1100			7,1600					
Warrant	NL0011492525	SP500 1842SPLOPENG	EUR	7,4900	7,5300	7,4900			7,5300					
Warrant	NL0011492541	SP500 1847SPLOPENG	EUR	6,9900	7,0400	6,9900			7,0400					
Warrant	NL0011620455	SP500 1875SPLOPENG	EUR	6,7600	6,8000	6,7600			6,8000					
Warrant	NL0011621271	SP500 1882SPLOPENG	EUR	7,1500	7,1900	7,1500			7,1900					
Warrant	NL0011620646	SP500 1903SPLOPENG	EUR	6,5100	6,5500	6,5100			6,5500					
Warrant	NL0011621917	SP500 1917SPLOPENG	EUR	6,3800	6,4200	6,3800			6,4200					
Warrant	NL0011621693	SP500 1922SPLOPENG	EUR	6,8000	6,8500	6,8000			6,8500					
Warrant	NL0011622600	SP500 1932SPLOPENG	EUR	6,2600	6,3000	6,2600			6,3000					
Warrant	NL0011618608	SP500 1939SPLOPENG	EUR											
Warrant	NL0011623756	SP500 1961SPLOPENG	EUR	6,0000	6,0400	6,0000			6,0400					
Warrant	NL0011624424	SP500 1963SPLOPENG	EUR	6,4500	6,4900	6,4500			6,4900					
Warrant	NL0011624150	SP500 1975SPLOPENG	EUR	5,8700	5,9100	5,8700			5,9100					
Warrant	NL0011625215	SP500 1990SPLOPENG	EUR	5,7400	5,7800	5,7400			5,7800					
Warrant	NL0011625843	SP500 2005SPLOPENG	EUR	5,6100	5,6500	5,6100			5,6500					
Warrant	NL0011625892	SP500 2016SPLOPENG	EUR	6,0000	6,0400	6,0000			6,0400					
Warrant	NL0011626270	SP500 2020SPLOPENG	EUR	5,4800	5,5200	5,4800			5,5200					
Warrant	NL0011626858	SP500 2035SPLOPENG	EUR	5,3500	5,3800	5,3500			5,3800					
Warrant	NL0011845706	SP500 2050SPLOPENG	EUR	5,2200	5,2500	5,2200			5,2500					
Warrant	NL0011845987	SP500 2069SPLOPENG	EUR	5,5500	5,5800	5,5500			5,5800					
Warrant	NL0011846068	SP500 2080SPLOPENG	EUR	4,9500	4,9800	4,9500			4,9800					
Warrant	NL0011847835	SP500 2111SPLOPENG	EUR	4,6800	4,7100	4,6800			4,7100					
Warrant	NL0011848155	SP500 2124SPLOPENG	EUR	5,0800	5,1100	5,0800			5,1100					
Warrant	NL0011848288	SP500 2127SPLOPENG	EUR	4,5400	4,5700	4,5400			4,5700					
Warrant	NL0011859970	SP500 2142SPLOPENG	EUR	4,4100	4,4400	4,4100			4,4400					
Warrant	NL0011860820	SP500 2158SPLOPENG	EUR	4,2700	4,3000	4,2700			4,3000					
Warrant	NL0011861075	SP500 2174SPLOPENG	EUR	4,1300	4,1600	4,1300			4,1600					
Warrant	NL0011861356	SP500 2179SPLOPENG	EUR	4,6100	4,6400	4,6100			4,6400					
Warrant	NL0011861091	SP500 2190SPLOPENG	EUR	3,9900	4,0200	3,9900			4,0200					
Warrant	NL0011861497	SP500 2206SPLOPENG	EUR	3,8500	3,8700	3,8500			3,8700					
Warrant	NL0011862818	SP500 2221SPLOPENG	EUR	3,7100	3,7400	3,7100			3,7400					
Warrant	NL0011862503	SP500 2236SPLOPENG	EUR	4,1200	4,1500	4,1200			4,1500					
Warrant	NL0012061543	SP500 2238SPLOPENG	EUR	3,5700	3,5900	3,5700			3,5900					
Warrant	NL0012063507	SP500 2254SPLOPENG	EUR	3,4200	3,4500	3,4200			3,4500					
Warrant	NL0012063945	SP500 2270SPLOPENG	EUR	3,2800	3,3000	3,2800			3,3000					



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
Warrant	NL0012065668	SP500 2287SPLOPENG	EUR	3,1300	3,1600	3,1300			3,1600					
Warrant	NL0012062434	SP500 2295SPLOPENG	EUR	3,6200	3,6500	3,6200			3,6500					
Warrant	NL0012066112	SP500 2320SPLOPENG	EUR	2,8400	2,8600	2,8400			2,8600					
Warrant	NL0012066153	SP500 2337SPLOPENG	EUR	2,6900	2,7100	2,6900			2,7100					
Warrant	NL0012066518	SP500 2354SPLOPENG	EUR	3,1100	3,1300	3,1100			3,1300					
Warrant	NL0012066377	SP500 2354SPLOPENG	EUR	2,5400	2,5600	2,5400			2,5600					
Warrant	NL0012068365	SP500 2371SPLOPENG	EUR	2,3900	2,4100	2,3900			2,4100					
Warrant	NL0012073076	SP500 2388SPLOPENG	EUR	2,2400	2,5800	2,2400	6157,0000	7	2,2600	2500				
Warrant	NL0012073753	SP500 2406SPLOPENG	EUR	2,0900	2,1100	2,0900			2,1100					
Warrant	NL0012077705	SP500 2415SPLOPENG	EUR	2,5900	2,6100	2,5900			2,6100					
Warrant	NL0012076087	SP500 2422SPLOPENG	EUR	1,9400	1,9600	1,9400			1,9600					
Warrant	NL0012076590	SP500 2440SPLOPENG	EUR	1,7900	1,8000	1,7900			1,8000					
Warrant	NL0012077515	SP500 2457SPLOPENG	EUR	1,6300	1,6500	1,6300			1,6500					
Warrant	NL0012080295	SP500 2475SPLOPENG	EUR	1,4800	1,4900	1,4800			1,4900					
Warrant	NL0012077739	SP500 2477SPLOPENG	EUR	2,0600	2,0800	2,0600			2,0800					
Warrant	NL0012081194	SP500 2493SPLOPENG	EUR	1,3200	1,3400	1,3200			1,3400					
Warrant	NL0012462618	SP500 2510SPLOPENG	EUR	1,1600	1,1800	1,1600			1,1800					
Warrant	NL0012462600	SP500 2528SPLOPENG	EUR	1,0100	1,0200	1,0100			1,0200					
Warrant	NL0012462451	SP500 2540SPLOPENG	EUR	1,5200	1,5400	1,5200			1,5400					
Warrant	NL0012463707	SP500 2547SPLOPENG	EUR	0,8500	1,1400	0,8500	2090,0000	2	0,8600	2000				
Warrant	NL0012465595	SP500 2565SPLOPENG	EUR	0,6900	0,7600	0,6900	179,5000	2	0,7000	250				
Warrant	NL0012472906	SP500 2583SPLOPENG	EUR	0,5300	0,5500	0,5300	733,1500	1	0,5400	1333				
Warrant	NL0012478713	SP500 2601SPLOPENG	EUR											
Warrant	NL0012478507	SP500 2604SPLOPENG	EUR											
Warrant	NL0012478705	SP500 2614SPLOPENG	EUR											
Warrant	NL0012836464	SP500 2620SPLOPENG	EUR											
Warrant	NL0012819262	SP500 2632SPLOPENG	EUR											
Warrant	NL0012834766	SP500 2635SPLOPENG	EUR											
Warrant	NL0012819254	SP500 2651SPLOPENG	EUR											
Warrant	NL0012834956	SP500 2653SPLOPENG	EUR											
Warrant	NL0012836944	SP500 2655SPLOPENG	EUR											
Warrant	NL0012819924	SP500 2659SPLOPENG	EUR											
Warrant	NL0012819247	SP500 2668SPLOPENG	EUR											
Warrant	NL0012835144	SP500 2672SPLOPENG	EUR											
Warrant	NL0012821318	SP500 2687SPLOPENG	EUR											
Warrant	NL0012837116	SP500 2693SPLOPENG	EUR											
Warrant	NL0012821821	SP500 2706SPLOPENG	EUR											
Warrant	NL0012824205	SP500 2722SPLOPENG	EUR											
Warrant	NL0012823835	SP500 2726SPLOPENG	EUR											
Warrant	NL0012838031	SP500 2736SPLOPENG	EUR	0,9400	0,9400	0,9400			0,9400					
Warrant	NL0012824619	SP500 2741SPLOPENG	EUR											
Warrant	NL0012825707	SP500 2760SPLOPENG	EUR											
Warrant	NL0012838049	SP500 2775SPLOPENG	EUR	1,2800	1,2800	1,2800			1,2800					
Warrant	NL0012835920	SP500 2776SPLOPENG	EUR											
Warrant	NL0012826754	SP500 2779SPLOPENG	EUR											
Warrant	NL0012825558	SP500 2794SPLOPENG	EUR											
Warrant	NL0012837777	SP500 2794SPLOPENG	EUR	1,4600	1,4600	1,4500			1,4500					
Warrant	NL0012835599	SP500 2796SPLOPENG	EUR											
Warrant	NL0012828297	SP500 2799SPLOPENG	EUR											
Warrant	NL0012833651	SP500 2814SPLOPENG	EUR	1,6300	1,6300	1,6300			1,6300					
Warrant	NL0012828388	SP500 2818SPLOPENG	EUR											
Warrant	NL0012833669	SP500 2834SPLOPENG	EUR	1,8100	1,8100	1,8000			1,8000					
Warrant	NL0012830699	SP500 2838SPLOPENG	EUR											
Warrant	NL0012832190	SP500 2847SPLOPENG	EUR	2,6500	2,6600	2,6500			2,6600					
Warrant	NL0012833677	SP500 2854SPLOPENG	EUR	1,9800	1,9800	1,9800			1,9800					
Warrant	NL0012468805	SP500 2855SPLOPENG	EUR											
Warrant	NL0012828495	SP500 2864SPLOPENG	EUR											
Warrant	NL0012080881	SP500 2869SPLOPENG	EUR											
Warrant	NL0012468813	SP500 2871SPLOPENG	EUR											
Warrant	NL0012832539	SP500 2874SPLOPENG	EUR	2,1600	2,1600	2,1600			2,1600					
Warrant	NL0012469308	SP500 2890SPLOPENG	EUR											
Warrant	NL0012469316	SP500 2910SPLOPENG	EUR											
Warrant	NL0012832547	SP500 2915SPLOPENG	EUR	2,5200	2,5200	2,5200			2,5200					
Warrant	NL0012832208	SP500 2920SPLOPENG	EUR	3,3200	3,3300	3,3200			3,3300					
Warrant	NL0012471080	SP500 2926SPLOPENG	EUR											
Warrant	NL0012465496	SP500 2935SPLOPENG	EUR											
Warrant	NL0012471098	SP500 2936SPLOPENG	EUR	2,6800	2,6800	2,6800			2,6800					
Warrant	NL0012825715	SP500 2957SPLOPENG	EUR	2,8800	2,8900	2,8800			2,8900					
Warrant	NL0012826796	SP500 2977SPLOPENG	EUR	3,0700	3,0700	3,0700			3,0700					
Warrant	NL0012832216	SP500 2995SPLOPENG	EUR	4,0000	4,0100	4,0000			4,0100					
Warrant	NL0012828115	SP500 2998SPLOPENG	EUR	3,2500	3,2600	3,2500			3,2600					
Warrant	NL0012829048	SP500 3041SPLOPENG	EUR	3,6200	3,6300	3,6200			3,6300					



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
Warrant	NL0012829741	SP500 3062SPSOPENG	EUR	3,8100	3,8200	3,8100			3,8200					
Warrant	NL0012466734	SP500 3072SPSOPENG	EUR	4,7000	4,7100	4,7000			4,7100					
Warrant	NL0012830707	SP500 3084SPSOPENG	EUR	4,0000	4,0100	4,0000			4,0100					
Warrant	NL0012467252	SP500 3151SPSOPENG	EUR	5,4100	5,4300	5,4100			5,4300					
Warrant	NL0012469829	SP500 3231SPSOPENG	EUR	6,1400	6,1600	6,1400			6,1600					
Warrant	NL0012474977	SP500 3312SPSOPENG	EUR	6,8800	6,9000	6,8800			6,9000					
Warrant	NL0006421695	SPBRI 770SPLOPENG	EUR	20,7100	20,9500	20,7100			20,9500					
Warrant	NL0009107838	SPBRI 1360SPLOPENG	EUR	14,9400	15,1900	14,9400			15,1900					
Warrant	NL0009111145	SPBRI 1590SPLOPENG	EUR	12,7300	12,9700	12,7300			12,9700					
Warrant	NL0010463147	SVT 1010SPLOPENG	EUR	9,9100	10,1600	9,9100			10,1600					
Warrant	NL0010459319	SVT 1251SPLOPENG	EUR	7,4900	7,7300	7,4900			7,7300					
Warrant	NL0010592929	TBOND 119SPLOPENG	EUR	24,6800	25,0500	24,6800			25,0500					
Warrant	NL0010541389	TBOND 122SPLOPENG	EUR	22,4700	22,8300	22,4700			22,8300					
Warrant	NL0010535290	TBOND 125SPLOPENG	EUR	20,1700	20,5200	20,1700			20,5200					
Warrant	NL0009878602	TBOND 132SPLOPENG	EUR	14,1500	14,4700	14,1500			14,4700					
Warrant	NL0010599999	TBOND 134SPLOPENG	EUR	11,7600	12,0700	11,7600			12,0700					
Warrant	NL0012829725	TBOND 139SPLOPENG	EUR											
Warrant	NL0012827901	TBOND 143SPLOPENG	EUR											
Warrant	NL0012830160	TBOND 143SPSOPENG	EUR											
Warrant	NL0012079099	TBOND 152SPSOPENG	EUR	12,4200	12,4200	12,2300			12,2300					
Warrant	NL0011850706	TBOND 157SPSOPENG	EUR	16,8300	16,8300	16,6600			16,6600					
Warrant	NL0011845136	TBOND 159SPSOPENG	EUR	18,5800	18,5800	18,4200			18,4200					
Warrant	NL0010591152	TESLA 110SPLOPENG	EUR	23,7000	23,7000	23,7000			23,7000					
Warrant	NL0010590360	TESLA 119SPLOPENG	EUR	23,0400	23,0400	23,0400			23,0400					
Warrant	NL0010588653	TESLA 127SPLOPENG	EUR	22,3000	22,3000	22,3000			22,3000					
Warrant	NL0010591749	TESLA 136SPLOPENG	EUR	21,6100	21,6100	21,6100			21,6100					
Warrant	NL0010592549	TESLA 146SPLOPENG	EUR	21,0000	21,0000	20,8400	7035,0000	2	20,8400	335				
Warrant	DE000CJ3N955	TESLA 275C 0319Z	EUR	4,6150	4,7650	4,6150			4,7650					
Warrant	DE000CJ3N948	TESLA 275C 1218Z	EUR	3,9500	4,1200	3,9500			4,1200					
Warrant	DE000CV506T8	TESLA 300C 0319Z	EUR	7,5100	7,7900	7,5100			7,7900					
Warrant	DE000CV8AKP0	TESLA 300C 1218Z	EUR	2,8900	3,0500	2,8900			3,0500					
Warrant	DE000CV8AKQ8	TESLA 320C 1218Z	EUR	2,0850	2,2200	2,0850			2,2200					
Warrant	DE000CV506S0	TESLA 330C 0319Z	EUR	5,6500	5,8900	5,6500			5,8900					
Warrant	DE000CV8AM78	TESLA 370C 1218Z	EUR	0,4850	0,5300	0,4850			0,5300					
Warrant	DE000CV8AM86	TESLA 380C 0319Z	EUR	1,5650	1,6550	1,5650			1,6550					
Warrant	DE000CV8ARM2	TESLA 420C 1218Z	EUR	0,0390	0,0400	0,0390			0,0400					
Warrant	DE000CV8ARN0	TESLA 430C 0319Z	EUR	0,7350	0,7850	0,7350			0,7850					
Warrant	DE000CJ3QTB4	TESLA357.5C 0619Z	EUR	2,7950	2,9050	2,7950			2,9050					
Warrant	DE000CJ3QTC2	TESLA412.5C 0619Z	EUR	1,6750	1,7550	1,6750			1,7550					
Warrant	NL0012828438	TN10 1075SPLOPENG	EUR	14,9800	15,0800	14,9800			15,0800					
Warrant	NL0012828420	TN10 1095SPLOPENG	EUR	13,1200	13,2100	13,1200			13,2100					
Warrant	NL0010468575	TN10 1125SPLOPENG	EUR	11,2200	11,3000	11,2200			11,3000					
Warrant	NL0012831630	TN10 1165SPLOPENG	EUR	7,3700	7,4300	7,3700			7,4300					
Warrant	NL0010468567	TN10 1185SPLOPENG	EUR											
Warrant	NL0012465611	TN10 1225SPSOPENG	EUR	5,2300	5,2300	5,2300			5,2300					
Warrant	NL0011019666	TN10 1255SPSOPENG	EUR	7,5300	7,5300	7,5300			7,5300					
Warrant	NL0011629233	TN10 1275SPSOPENG	EUR	9,8700	9,8900	9,8700			9,8900					
Warrant	NL0011845128	TN10 1305SPSOPENG	EUR	12,2600	12,2900	12,2600			12,2900					
Warrant	NL0009902394	TOMTO 3SPLOPENG	EUR	5,3500	5,4300	5,3500			5,4300					
Warrant	DE000CJ3PD23	TOMTO 7C 0319Z	EUR	1,5550	1,5550	1,5550			1,5550					
Warrant	DE000CJ3PI50	TOMTO 7C 0619Z	EUR	1,8450	1,8450	1,8450			1,8450					
Warrant	DE000CJ3PAV4	TOMTO 8C 0319Z	EUR	1,0000	1,0300	1,0000	5000,0000	1	1,0300	5000				
Warrant	DE000CV8AN10	TOMTO 9C 0319Z	EUR	0,6800	0,6800	0,6400	6000,0000	3	0,6650	9000				
Warrant	DE000CV4ZFH3	TOMTO 9C 1218Z	EUR	0,1300	0,1300	0,1300			0,1300					
Warrant	DE000CV8AN28	TOMTO 10C 0319Z	EUR	0,4500	0,4500	0,4500			0,4500					
Warrant	DE000CV8AN02	TOMTO 10C 1218Z	EUR	0,0460	0,0460	0,0460			0,0460					
Warrant	DE000CV4ZFJ9	TOMTO 11C 1218Z	EUR	0,0190	0,0190	0,0190			0,0190					
Warrant	NL0006427726	TOMTO 0.95SPLOPENG	EUR	7,2500	7,3300	7,2500			7,3300					
Warrant	NL0006428906	TOMTO 1.85SPLOPENG	EUR	6,3900	6,4700	6,3900			6,4700					
Warrant	NL0009105394	TOMTO 2.65SPLOPENG	EUR	5,6400	5,7200	5,6400			5,7200					
Warrant	NL0010093076	TOMTO 3.25SPLOPENG	EUR	5,1300	5,2100	5,1300			5,2100					
Warrant	NL0010458576	TOMTO 3.95SPLOPENG	EUR	4,5000	4,5800	4,5000			4,5800					
Warrant	NL0010466496	TOMTO 4.25SPLOPENG	EUR	4,2300	4,3100	4,2300			4,3100					
Warrant	NL0010528725	TOMTO 4.55SPLOPENG	EUR	3,9800	4,0600	3,9800			4,0600					
Warrant	NL0010681615	TOMTO 4.85SPLOPENG	EUR	3,6700	3,7500	3,6700			3,7500					
Warrant	NL0010740163	TOMTO 5.15SPLOPENG	EUR	3,3600	3,4400	3,3600			3,4400					
Warrant	NL0010959748	TOMTO 5.55SPLOPENG	EUR	3,0500	3,1300	3,0500			3,1300					
Warrant	NL0010965406	TOMTO 5.85SPLOPENG	EUR											
Warrant	NL0012831192	TOMTO 5.95SPLOPENG	EUR	2,7000	2,7800	2,7000			2,7800					
Warrant	NL0011022330	TOMTO 6.35SPLOPENG	EUR											
Warrant	NL0012831184	TOMTO 6.35SPLOPENG	EUR											
Warrant	NL0012831176	TOMTO 6.75SPLOPENG	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	NL0012836241	TOMTO 6.75PLOPENG	EUR	1,9300	2,0100	1,9300			2,0100					
Warrant	NL0012832331	TOMTO 6.75PLOPENG	EUR											
Warrant	NL0011859400	TOMTO 6.75PLOPENG	EUR											
Warrant	DE000CJ3PJ43	TOMTO 6.8C 1218Z	EUR	1,2650	1,2650	1,2650			1,2650					
Warrant	NL0012824486	TOMTO 7.25PLOPENG	EUR											
Warrant	NL0012831572	TOMTO 7.25PLOPENG	EUR											
Warrant	NL0012833735	TOMTO 7.35PSPOPENG	EUR											
Warrant	DE000CJ3P0W5	TOMTO 7.5C 0319Z	EUR	1,2700	1,2700	1,2700			1,2700					
Warrant	DE000CJ3P0Y1	TOMTO 7.5C 0619Z	EUR	1,5800	1,5800	1,5800			1,5800					
Warrant	DE000CV896R7	TOMTO 7.5C 1218Z	EUR	0,6950	0,6950	0,6950			0,6950					
Warrant	NL0012824981	TOMTO 7.75PLOPENG	EUR											
Warrant	NL0012824973	TOMTO 8.25PLOPENG	EUR											
Warrant	DE000CJ3P0X3	TOMTO 8.5C 0319Z	EUR	0,7950	0,8250	0,7950	4100,0000	1	0,8250	5000				
Warrant	DE000CJ3P0Z8	TOMTO 8.5C 0619Z	EUR	1,1600	1,1600	1,1600			1,1600					
Warrant	NL0012831200	TOMTO 8.65PSPOPENG	EUR	1,7200	1,7200	1,6200			1,6200					
Warrant	NL0012066674	TOMTO 10.25PSPOPENG	EUR	3,4200	3,4200	3,3200			3,3200					
Warrant	NL0012469647	TOMTO 11.75PSPOPENG	EUR	5,1100	5,1100	5,0100			5,0100					
Warrant	NL0012830079	TOMTO 5.31SPLOPENG	EUR	2,7700	2,8500	2,7700			2,8500					
Warrant	NL0012830061	TOMTO 5.71SPLOPENG	EUR	2,3700	2,4500	2,3700			2,4500					
Warrant	NL0012830756	TOMTO 6.09SPLOPENG	EUR											
Warrant	NL0012824049	TOMTO 6.97SPLOPENG	EUR											
Warrant	DE000CV896Q9	TOMTO 8.25C 1218Z	EUR	0,2950	0,2950	0,2950			0,2950					
Warrant	NL0012825384	TOMTO 8.53SPLOPENG	EUR											
Warrant	NL0012830152	TOMTO4.939SPLOPENG	EUR	3,1400	3,2200	3,1400			3,2200					
Warrant	NL0011845227	TOMTO6.086SPLOPENG	EUR											
Warrant	NL0012830988	TOMTO6.096SPLOPENG	EUR											
Warrant	NL0012832844	TOMTO6.109SPLOPENG	EUR	1,9700	2,0500	1,9700			2,0500					
Warrant	NL0011849047	TOMTO6.513SPLOPENG	EUR											
Warrant	NL0012830970	TOMTO6.523SPLOPENG	EUR											
Warrant	NL0012833198	TOMTO6.524SPLOPENG	EUR											
Warrant	NL0012834485	TOMTO6.538SPLOPENG	EUR	1,5400	1,6200	1,5400			1,6200					
Warrant	NL0012831382	TOMTO6.979SPLOPENG	EUR											
Warrant	NL0012834477	TOMTO6.995SPLOPENG	EUR	1,0900	1,1700	1,0900			1,1700					
Warrant	NL0012824783	TOMTO7.458SPLOPENG	EUR											
Warrant	NL0012831374	TOMTO7.466SPLOPENG	EUR											
Warrant	NL0012835193	TOMTO7.479SPLOPENG	EUR											
Warrant	NL0012836753	TOMTO7.486SPLOPENG	EUR	0,5900	0,6700	0,5900	800,0000	1	0,6700	1250				
Warrant	NL0012825038	TOMTO7.982SPLOPENG	EUR											
Warrant	NL0012830087	TOMTO8.414SPSOPENG	EUR											
Warrant	NL0012062970	TOMTO9.897SPSOPENG	EUR	2,0700	2,0700	1,9700			1,9700					
Warrant	NL0010958088	TOTAL 25.65PLOPENG	EUR	23,9100	24,2200	23,9100			24,2200					
Warrant	NL0010537304	TOTAL 28.15PLOPENG	EUR	21,5900	21,9100	21,5900			21,9100					
Warrant	NL0011634365	TOTAL 34.55PLOPENG	EUR	15,6700	15,9900	15,6700			15,9900					
Warrant	NL0012075998	TOTAL 37.85PLOPENG	EUR	12,5500	12,8600	12,5500			12,8600					
Warrant	NL0012473185	TOTAL 41.45PLOPENG	EUR	9,2300	9,5400	9,2300			9,5400					
Warrant	NL0012479042	TOTAL 45.25PLOPENG	EUR	5,6700	5,9800	5,6700			5,9800					
Warrant	NL0012824130	TOTAL 49.25PLOPENG	EUR											
Warrant	NL0012829436	UCB S 71SPLOPENG	EUR											
Warrant	NL0010530317	UCB S 40.75PLOPENG	EUR	38,8700	38,9900	38,8700			38,9900					
Warrant	NL0010585709	UCB S 44.95PLOPENG	EUR	35,0100	35,1300	35,0100			35,1300					
Warrant	NL0010595302	UCB S 49.45PLOPENG	EUR	30,8200	30,9400	30,8200			30,9400					
Warrant	NL0010694873	UCB S 54.35PLOPENG	EUR	26,2400	26,3600	26,2400			26,3600					
Warrant	NL0012829469	UCB S 58.15PLOPENG	EUR	22,7100	22,8300	22,7100			22,8300					
Warrant	NL0012829451	UCB S 62.25PLOPENG	EUR	18,9200	19,0400	18,9200			19,0400					
Warrant	NL0012829444	UCB S 66.55PLOPENG	EUR	14,8700	14,9900	14,8700			14,9900					
Warrant	NL0012829428	UCB S 75.95PLOPENG	EUR											
Warrant	NL0011627492	UMICO 18SPLOPENG	EUR	36,7500	37,9500	35,9000	15078,0000	1	37,9500	420				
Warrant	DE000CJ3PJ84	UMICO 40C 0619Z	EUR	0,3750	0,3750	0,3750			0,3750					
Warrant	NL0012481410	UMICO 40SPLOPENG	EUR											
Warrant	DE000CJ3N9L1	UMICO 45C 0319Z	EUR	0,1150	0,1150	0,1150			0,1150					
Warrant	DE000CV896S5	UMICO 45C 1218Z	EUR	0,0110	0,0110	0,0110			0,0110					
Warrant	DE000CJ3P083	UMICO 49C 0619Z	EUR	0,1350	0,1350	0,1350			0,1350					
Warrant	DE000CV8A5S7	UMICO 50C 0319Z	EUR	0,0640	0,0640	0,0640			0,0640					
Warrant	DE000CV896T3	UMICO 50C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV8AN36	UMICO 55C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0009106319	UMICO 3.45PLOPENG	EUR	63,8400	65,0400	63,8400			65,0400					
Warrant	NL0009234046	UMICO 7.55PLOPENG	EUR	56,3300	57,5300	56,3300			57,5300					
Warrant	NL0009368919	UMICO 8.75PLOPENG	EUR	54,0800	55,2800	54,0800			55,2800					
Warrant	NL0010603882	UMICO 10.95PLOPENG	EUR	50,0500	51,2500	50,0500			51,2500					
Warrant	NL0010603866	UMICO 13.45PLOPENG	EUR	45,2600	46,4600	45,2600			46,4600					
Warrant	NL0011631460	UMICO 19.85PLOPENG	EUR	33,4800	34,6800	33,4800			34,6800					
Warrant	NL0012074215	UMICO 28.35PLOPENG	EUR	17,6200	18,8200	17,6200			18,8200					



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	NL0012835771	UMICO 30.8SPLOPENG	EUR	6,4700	7,0700	6,4700			7,0700					
Warrant	NL0012835763	UMICO 33.6SPLOPENG	EUR	3,8800	4,4800	3,8800			4,4800					
Warrant	NL0012468037	UMICO 33.9SPLOPENG	EUR											
Warrant	NL0012835755	UMICO 36.6SPLOPENG	EUR											
Warrant	NL0012468029	UMICO 36.9SPLOPENG	EUR											
Warrant	DE000C3PJ76	UMICO 40.5C 0319Z	EUR	0,2250	0,2250	0,2250			0,2250					
Warrant	DE000C3PJ68	UMICO 40.5C 1218Z	EUR	0,0250	0,0250	0,0250			0,0250					
Warrant	NL0012481402	UMICO 43.6SPLOPENG	EUR											
Warrant	NL0009108174	UNILV 75PLOPENG	EUR	42,1700	42,7600	42,1700			42,7600					
Warrant	NL0012825228	UNILV 475PLOPENG	EUR											
Warrant	NL0009112523	UNILV 10.25PLOPENG	EUR	39,2200	39,8000	39,2200			39,8000					
Warrant	NL0009234418	UNILV 11.95PLOPENG	EUR	37,6200	38,2000	37,6200			38,2000					
Warrant	NL0009371277	UNILV 13.75PLOPENG	EUR	35,9200	36,5000	35,9200			36,5000					
Warrant	NL0009902402	UNILV 17.45PLOPENG	EUR	32,5300	33,1100	32,5300			33,1100					
Warrant	NL0010094355	UNILV 18.75PLOPENG	EUR	31,2800	31,8600	31,2800			31,8600					
Warrant	NL0010086450	UNILV 20.15PLOPENG	EUR	29,9800	30,5600	29,9800			30,5600					
Warrant	NL0010202719	UNILV 21.65PLOPENG	EUR	28,6200	29,2000	28,6200			29,2000					
Warrant	NL0010942538	UNILV 25.75PLOPENG	EUR	24,8000	25,3900	24,8000			25,3900					
Warrant	NL001096727	UNILV 27.95PLOPENG	EUR	22,7500	23,3300	22,7500			23,3300					
Warrant	NL0011362322	UNILV 30.25PLOPENG	EUR	20,6000	21,1900	20,6000			21,1900					
Warrant	NL0011374400	UNILV 32.65PLOPENG	EUR	18,3100	18,9000	18,3100			18,9000					
Warrant	NL0012062921	UNILV 35.25PLOPENG	EUR	15,9700	16,5500	15,9700			16,5500					
Warrant	NL0012068043	UNILV 40.75PLOPENG	EUR	10,8400	11,4300	10,8400			11,4300					
Warrant	NL0012479018	UNILV 43.65PLOPENG	EUR	8,1100	8,7000	8,1100			8,7000					
Warrant	NL0012833891	UNILV 46.25PLOPENG	EUR	2,5800	3,1700	2,5800			3,1700					
Warrant	NL0012835417	UNILV 46.75PLOPENG	EUR	5,2700	5,8600	5,2700			5,8600					
Warrant	NL0012836159	UNILV 49.45SPOPENG	EUR											
Warrant	NL0010595567	UNILV18.365PLOPENG	EUR	30,4200	31,0100	30,4200			31,0100					
Warrant	NL0010586822	UNILV19.665PLOPENG	EUR	29,1100	29,7000	29,1100			29,7000					
Warrant	NL0010586814	UNILV21.055PLOPENG	EUR	27,7200	28,3000	27,7200			28,3000					
Warrant	NL0010586806	UNILV22.535PLOPENG	EUR	26,2400	26,8300	26,2400			26,8300					
Warrant	NL0010688701	UNILV23.985PLOPENG	EUR	24,7900	25,3700	24,7900			25,3700					
Warrant	NL0010941019	UNILV25.485PLOPENG	EUR	23,2900	23,8700	23,2900			23,8700					
Warrant	NL0010959458	UNILV27.045PLOPENG	EUR	21,7300	22,3100	21,7300			22,3100					
Warrant	NL0011013222	UNILV28.675PLOPENG	EUR	20,1000	20,6800	20,1000			20,6800					
Warrant	NL0011363155	UNILV30.365PLOPENG	EUR	18,4100	19,0000	18,4100			19,0000					
Warrant	NL0011373253	UNILV32.115PLOPENG	EUR	16,6600	17,2400	16,6600			17,2400					
Warrant	NL0011475868	UNILV33.965PLOPENG	EUR	14,7800	15,3700	14,7800			15,3700					
Warrant	NL0012065403	UNILV35.795PLOPENG	EUR	12,9900	13,5700	12,9900			13,5700					
Warrant	NL0012066187	UNILV37.735PLOPENG	EUR	11,0500	11,6300	11,0500			11,6300					
Warrant	NL0012066294	UNILV39.765PLOPENG	EUR	9,0200	9,6100	9,0200			9,6100					
Warrant	NL0012476907	UNILV41.815PLOPENG	EUR	6,9600	7,5400	6,9600			7,5400					
Warrant	NL0012480990	UNILV43.975PLOPENG	EUR	4,8100	5,4000	4,8100			5,4000					
Warrant	NL0012822662	UNILV46.485PLOPENG	EUR											
Warrant	NL0012832091	UNILV48.425PSOPENG	EUR											
Warrant	NL0012463939	UNILV52.015PSOPENG	EUR	3,6100	3,6100	3,0100			3,0100					
Warrant	NL0012073654	UNILV56.085PSOPENG	EUR	7,6700	7,6700	7,0700			7,0700					
Warrant	NL0009371061	URW 715PLOPENG	EUR	7,6500	7,8300	7,6500	11475,0000	1	7,8300	1500				
Warrant	NL0010085676	URW 995PLOPENG	EUR	5,0300	5,2100	5,0300			5,2100					
Warrant	NL0010201430	URW 1075PLOPENG	EUR	4,2900	4,4800	4,2900			4,4800					
Warrant	NL0010203287	URW 1155PLOPENG	EUR	3,5400	3,7300	3,5400	996,9600	1	3,7300	268				
Warrant	NL0010211801	URW 1275PLOPENG	EUR	2,4400	2,6300	2,4400			2,6300					
Warrant	NL0010537759	URW 1405PLOPENG	EUR	1,3100	1,4900	1,3100	2802,0000	4	1,4900	2000				
Warrant	NL0010688149	URW 1525PLOPENG	EUR											
Warrant	NL0010940763	URW 1655PLOPENG	EUR											
Warrant	NL0012835748	URW 1655PSOPENG	EUR	3,6900	3,6900	3,5000			3,5000					
Warrant	NL0012479000	URW 1775PLOPENG	EUR											
Warrant	NL0012829410	URW 1815PSOPENG	EUR	5,4600	5,4600	5,2700			5,2700					
Warrant	NL0012474738	URW 1995PSOPENG	EUR	7,4000	7,4000	7,2100			7,2100					
Warrant	NL0011011986	URW 2205PSOPENG	EUR	9,6400	9,6400	9,4500			9,4500					
Warrant	NL0011019476	URW 2435PSOPENG	EUR	12,1300	12,1300	11,9400			11,9400					
Warrant	NL0012836761	URW 130.5PLOPENG	EUR	1,3800	1,5600	1,3800			1,5600					
Warrant	NL0012831796	URW 144.5PLOPENG	EUR											
Warrant	NL0012837330	URW 123.55PLOPENG	EUR	2,0300	2,2100	2,0300			2,2100					
Warrant	NL0012832703	URW 136.85PLOPENG	EUR	0,7000	0,8800	0,7000			0,8800					
Warrant	NL0012472856	URW 151.55PLOPENG	EUR											
Warrant	NL0012837181	URW 157.15PSOPENG	EUR	1,6600	1,6600	1,4700			1,4700					
Warrant	NL0012472112	URW 159.65PLOPENG	EUR											
Warrant	NL0011858964	URW 168.45PLOPENG	EUR											
Warrant	NL0012832711	URW 168.95PSOPENG	EUR	2,8500	2,8500	2,6500			2,6500					
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 181.6SPSOPENG	EUR	4,1200	4,1200	3,9300			3,9300					
Warrant	NL0012472385	URW 195.3SPSOPENG	EUR	5,4900	5,4900	5,2900			5,2900					
Warrant	NL0012075345	URW 210.8SPSOPENG	EUR	7,0400	7,0400	6,8400			6,8400					
Warrant	NL0011852751	URW 227.5SPSOPENG	EUR	8,7000	8,7000	8,5100			8,5100					
Warrant	NL0009619311	USJPY 79SPLOPENG	EUR	28,5400	28,8000	28,5400			28,8000					
Warrant	NL0010344859	USJPY 93SPLOPENG	EUR	17,5900	17,8100	17,5900			17,8100					
Warrant	NL0010347019	USJPY 97SPLOPENG	EUR	14,8100	15,0300	14,8100			15,0300					
Warrant	NL0010352191	USJPY 98SPLOPENG	EUR	13,3400	13,5600	13,3400			13,5600					
Warrant	NL0010465241	USJPY 100SPLOPENG	EUR	11,8500	12,0600	11,8500			12,0600					
Warrant	NL0011856836	USJPY 102SPLOPENG	EUR	10,3200	10,5300	10,3200			10,5300					
Warrant	NL0011860002	USJPY 104SPLOPENG	EUR	8,7800	8,9800	8,7800			8,9800					
Warrant	NL0012480503	USJPY 107SPLOPENG	EUR	7,1900	7,3900	7,1900			7,3900					
Warrant	NL0012823405	USJPY 109SPLOPENG	EUR	5,5700	5,7600	5,5700			5,7600					
Warrant	NL0012831812	USJPY 111SPLOPENG	EUR	3,9100	4,1000	3,9100			4,1000					
Warrant	NL0011361365	USJPY 113SPSOPENG	EUR											
Warrant	NL0010953097	USJPY 114SPSOPENG	EUR	3,1600	3,1600	2,9900			2,9900					
Warrant	NL0011203930	USJPY 117SPSOPENG	EUR	4,9800	4,9800	4,8200			4,8200					
Warrant	NL0011289335	USJPY 119SPSOPENG	EUR	6,8400	6,8400	6,6800			6,6800					
Warrant	NL0011290101	USJPY 121SPSOPENG	EUR	8,7300	8,7300	8,5800			8,5800					
Warrant	NL0010535878	VIVEN 11SPLOPENG	EUR	11,0000	11,0000	10,9900			10,9900					
Warrant	NL0012074231	VIVEN 18SPLOPENG	EUR	4,5000	4,5000	4,4900			4,4900					
Warrant	NL0010464111	VIVEN 7.9SPLOPENG	EUR	13,8400	13,8400	13,8300			13,8300					
Warrant	NL0010537791	VIVEN 12.2SPLOPENG	EUR	9,9100	9,9100	9,9000			9,9000					
Warrant	NL0010594834	VIVEN 13.8SPLOPENG	EUR	8,4100	8,4100	8,4000			8,4000					
Warrant	NL0012080899	VIVEN 19.6SPLOPENG	EUR	2,9600	2,9600	2,9500			2,9500					
Warrant	NL0012828230	VIVEN 21.3SPLOPENG	EUR											
Warrant	NL0009368935	VODAF 60SPLOPENG	EUR	1,1700	1,1900	1,1700			1,1900					
Warrant	NL0009371079	VODAF 73SPLOPENG	EUR	1,0700	1,0900	1,0700			1,0900					
Warrant	NL0009373513	VODAF 101SPLOPENG	EUR	0,7700	0,8000	0,7700			0,8000					
Warrant	NL0010526604	VODAF 118SPLOPENG	EUR	0,6000	0,6300	0,6000			0,6300					
Warrant	NL0010526596	VODAF 126SPLOPENG	EUR	0,5200	0,5400	0,5200			0,5400					
Warrant	NL0012829907	VOPAK 41SPLOPENG	EUR											
Warrant	NL0009239672	VOPAK 16.5SPLOPENG	EUR	24,2300	25,0600	24,2300			25,0600					
Warrant	NL0009367036	VOPAK 24.3SPLOPENG	EUR	16,9600	17,7900	16,9600			17,7900					
Warrant	NL0009766625	VOPAK 26.7SPLOPENG	EUR	14,7300	15,5600	14,7300			15,5600					
Warrant	NL0009875855	VOPAK 29.3SPLOPENG	EUR	12,3300	13,1600	12,3300			13,1600					
Warrant	NL0010813366	VOPAK 31.7SPLOPENG	EUR	10,1300	10,9600	10,1300			10,9600					
Warrant	NL0012474761	VOPAK 34.6SPLOPENG	EUR	7,3800	8,2100	7,3800			8,2100					
Warrant	NL0012819395	VOPAK 37.7SPLOPENG	EUR	4,4900	5,3200	4,4900			5,3200					
Warrant	NL0012073431	VOPAK 43.3SPSOPENG	EUR											
Warrant	NL0010967295	VOPAK 48.4SPSOPENG	EUR	12,9700	12,9700	11,9900	851,2900	1	12,1200	71				
Warrant	NL0011010194	VOPAK 53.1SPSOPENG	EUR	18,0200	18,0200	17,1700			17,1700					
Warrant	NL0011374459	VOW 69SPLOPENG	EUR	7,9200	8,3400	7,9200			8,3400					
Warrant	NL0011373980	VOW 74SPLOPENG	EUR	7,4000	7,8200	7,4000			7,8200					
Warrant	NL0011371745	VOW 80SPLOPENG	EUR	6,8400	7,2600	6,8400			7,2600					
Warrant	NL0011474168	VOW 86SPLOPENG	EUR	6,2800	6,7000	6,2800			6,7000					
Warrant	NL0011619788	VOW 93SPLOPENG	EUR	5,6900	6,1100	5,6900			6,1100					
Warrant	NL0011622949	VOW 100SPLOPENG	EUR	5,0500	5,4700	5,0500			5,4700					
Warrant	NL0011848692	VOW 107SPLOPENG	EUR	4,3600	4,7800	4,3600			4,7800					
Warrant	NL0011861950	VOW 115SPLOPENG	EUR	3,6300	4,0500	3,6300			4,0500					
Warrant	NL0012062459	VOW 123SPLOPENG	EUR	2,8500	3,3200	2,8500	664,0000	1	3,2700	200				
Warrant	NL0012463368	VOW 132SPLOPENG	EUR											
Warrant	NL0012823082	VOW 140SPLOPENG	EUR											
Warrant	NL0012832752	VOW 141SPLOPENG	EUR											
Warrant	NL0012831697	VOW 141SPLOPENG	EUR											
Warrant	NL0012824999	VOW 166SPSOPENG	EUR	3,7800	3,7800	3,3600			3,3600					
Warrant	NL0012476766	VOW 182SPSOPENG	EUR	5,5600	5,5600	5,1400			5,1400					
Warrant	NL0011195508	VOW 221SPSOPENG	EUR	9,7400	9,7400	9,3200			9,3200					
Warrant	NL0012469654	WEREL 40SPSOPENG	EUR	15,5300	15,5300	15,1400			15,1400					
Warrant	NL0009885466	WEREL 5.9SPLOPENG	EUR	22,5400	22,9300	22,5400			22,9300					
Warrant	NL0009878255	WEREL 12.2SPLOPENG	EUR	16,7700	17,1600	16,7700			17,1600					
Warrant	NL0010343414	WEREL 20.7SPLOPENG	EUR	9,0800	9,4700	9,0800			9,4700					
Warrant	NL0010468211	WEREL 25.1SPLOPENG	EUR	5,0400	5,4300	5,0400			5,4300					
Warrant	NL0012473151	WEREL 26.4SPLOPENG	EUR	3,3100	3,7000	3,3100	704,0000	1	3,7000	200				
Warrant	NL0012479026	WEREL 28.4SPLOPENG	EUR											
Warrant	NL0012824494	WEREL 31.1SPLOPENG	EUR											
Warrant	NL0012474746	WEREL 32.8SPSOPENG	EUR	7,7500	7,7500	7,3600			7,3600					
Warrant	NL0012073399	WEREL 44.2SPSOPENG	EUR	20,0900	20,0900	19,7000			19,7000					
Warrant	NL0012822332	WOLTE 41SPLOPENG	EUR	11,5400	11,9300	11,5400			11,9300					
Warrant	NL0010352787	WOLTE 11.4SPLOPENG	EUR	42,0700	42,4600	42,0700			42,4600					
Warrant	NL0010951141	WOLTE 20.2SPLOPENG	EUR	34,0700	34,4600	34,0700			34,4600					



Instrument Type	Exchange Instrument ID	Instrument 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	NL0010962593	WOLTE 21.9SPLOPENG	EUR	32,5300	32,9200	32,5300			32,9200					
Warrant	NL0011475389	WOLTE 25.6SPLOPENG	EUR	29,1900	29,5800	29,1900			29,5800					
Warrant	NL0011622915	WOLTE 29.7SPLOPENG	EUR	25,4400	25,8300	25,4400			25,8300					
Warrant	NL0012064604	WOLTE 31.9SPLOPENG	EUR	23,4200	23,8100	23,4200			23,8100					
Warrant	NL0012066278	WOLTE 34.3SPLOPENG	EUR	21,2600	21,6500	21,2600			21,6500					
Warrant	NL0012474753	WOLTE 36.8SPLOPENG	EUR	19,0100	19,4000	19,0100			19,4000					
Warrant	NL0012822340	WOLTE 38.2SPLOPENG	EUR	14,4300	14,8200	14,4300			14,8200					
Warrant	NL0012476741	WOLTE 39.4SPLOPENG	EUR	16,5900	16,9800	16,5900			16,9800					
Warrant	NL0012480784	WOLTE 42.2SPLOPENG	EUR	14,0600	14,4500	14,0600			14,4500					
Warrant	NL0012822324	WOLTE 44.2SPLOPENG	EUR	8,4400	8,8300	8,4400			8,8300					
Warrant	NL0012823017	WOLTE 45.2SPLOPENG	EUR	11,3500	11,7400	11,3500			11,7400					
Warrant	NL0012823314	WOLTE 47.3SPLOPENG	EUR	5,2500	5,6400	5,2500			5,6400					
Warrant	NL0012825236	WOLTE 48.4SPLOPENG	EUR	8,4500	8,8400	8,4500			8,8400					
Warrant	NL0012826317	WOLTE 50.6SPLOPENG	EUR											
Warrant	NL0012835466	WOLTE 50.7SPLOPENG	EUR	1,8700	2,2600	1,8700			2,2600					
Warrant	NL0012827232	WOLTE 51.6SPLOPENG	EUR											
Warrant	NL0012822357	WOLTE 55.3SPSOPENG	EUR	3,2500	3,2500	2,8500			2,8500					
Warrant	NL0012826325	WOLTE 60.3SPSOPENG	EUR	8,1600	8,1600	7,7600			7,7600					
Warrant	NL0010821401	ZALG 18SPLOPENG	EUR	9,9200	10,3000	9,9200			10,3000					
Warrant	NL0010952032	ZALG 22SPLOPENG	EUR	6,3300	6,7100	6,3300			6,7100					
Warrant	NL0010821419	ZALG 16.8SPLOPENG	EUR	10,9600	11,3400	10,9600			11,3400					