

DONDERDAG 25 OKTOBER 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	DE000CJ3N3W1	1COV 41.61TL OPENZ	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CV89L69	1COV 48.66TL OPENZ	EUR	0,5800	0,5800	0,5400	2320,0000	1	0,5400	4000				
Certificate	DE000CF6CX48	1COV 58.65TL OPENZ	EUR											
Certificate	NL0010653960	AABA 28.7TL OPENB	EUR	30,2400	30,2400	30,2400			30,2400					
Certificate	DE000CY16LL1	AALB 25TL OPENC	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	DE000CP06Z38	AALB 25TL OPENC	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	DE000CP06W07	AALB 28TL OPENC	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	NL0012106488	AALB 30TL OPENB	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	DE000CY16HU0	AALB 30TL OPENC	EUR	2,2100	2,4100	2,2100	221,0000	1	2,4100	100				
Certificate	DE000CY51600	AALB 30TL OPENC	EUR	2,0800	3,1600	2,0800	180,9600	1	3,1600	87				
Certificate	DE000CY16LK3	AALB 32TL OPENC	EUR											
Certificate	DE000CP068Y7	AALB 34TL OPENC	EUR											
Certificate	DE000CP06Z46	AALB 34TS OPENC	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	DE000CP06W15	AALB 34TS OPENC	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	DE000CP06Z53	AALB 35TS OPENC	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	DE000CP06TL3	AALB 36TS OPENC	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	DE000CP06008	AALB 38TS OPENC	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	DE000CQ5BUR6	AALB 40TS OPENC	EUR	10,6700	10,6700	10,6700			10,6700					
Certificate	DE000CQ5BSV2	AALB 40TS OPENC	EUR	9,2100	9,2100	9,2100			9,2100					
Certificate	DE000CP06M41	AALB 45TS OPENC	EUR	14,2800	14,2800	14,2800			14,2800					
Certificate	DE000CY51LU9	AALB 46TS OPENC	EUR	15,5500	15,5500	15,5500			15,5500					
Certificate	DE000CY51JQ1	AALB 46TS OPENC	EUR	13,8200	13,8200	13,8200			13,8200					
Certificate	DE000CY520J7	AALB 48TS OPENC	EUR	15,8400	15,8400	15,8400			15,8400					
Certificate	DE000CY523S2	AALB 48TS OPENC	EUR	17,6700	17,6700	17,6700			17,6700					
Certificate	DE000CQ5BDK7	AALB 50TS OPENC	EUR	18,9900	18,9900	18,9900			18,9900					
Certificate	DE000CY51D78	AALB 50TS OPENC	EUR	17,6700	17,6700	17,6700			17,6700					
Certificate	DE000CY51E02	AALB 50TS OPENC	EUR											
Certificate	DE000CY52HE9	AALB 55TS OPENC	EUR											
Certificate	NL0010011763	AALB 9.1TL OPENB	EUR	23,3400	23,3400	23,3400			23,3400					
Certificate	NL0010284139	AALB 13.7TL OPENB	EUR	19,2500	19,2500	19,2500			19,2500					
Certificate	NL0010898847	AALB 18.4TL OPENB	EUR	14,1900	15,1400	14,1900			15,1400					
Certificate	NL0010903589	AALB 20.5TL OPENB	EUR	13,2400	13,2400	13,2400			13,2400					
Certificate	NL0010908489	AALB 21.6TL OPENB	EUR	12,2900	12,2900	12,2900			12,2900					
Certificate	NL0010926077	AALB 23.7TL OPENB	EUR	10,3500	10,3500	10,3500			10,3500					
Certificate	NL0011906060	AALB 25.8TL OPENB	EUR	8,3900	8,4800	8,3400	419,5000	1	8,4800	50				
Certificate	DE000CR6XQ07	AALB 26.5TL OPENZ	EUR	3,9950	4,9900	3,9950			4,9900					
Certificate	NL0011993324	AALB 27.8TL OPENH	EUR	5,7200	6,6500	5,7200			6,6500					
Certificate	NL0013009590	AALB 32.1TL OPENB	EUR											
Certificate	NL0013015423	AALB 32.3TS OPENB	EUR	5,9400	5,9400	5,5200	21078,0000	2	5,5200	3600				
Certificate	NL0013009772	AALB 34.3TS OPENB	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	NL0013007909	AALB 36.3TS OPENB	EUR	10,1700	10,1700	10,1700			10,1700					
Certificate	NL0012989073	AALB 38.3TS OPENB	EUR	12,3900	12,3900	12,3900			12,3900					
Certificate	NL0012985444	AALB 40.2TS OPENB	EUR	14,6300	14,6300	14,6300			14,6300					
Certificate	NL0012521959	AALB 50.6TS OPENH	EUR	27,3300	27,3300	26,4500			26,4500					
Certificate	NL0011409776	AALB 15.11TL OPENH	EUR	17,0200	17,9300	17,0200			17,9300					
Certificate	NL0011442926	AALB 19.85BL OPENB	EUR	11,9350	11,9350	11,9350			11,9350					
Certificate	DE000CR4H864	AALB 21.14TL OPENZ	EUR	9,3050	10,3100	9,3050			10,3100					
Certificate	NL0011409743	AALB 22.46TL OPENH	EUR	10,4800	11,3900	10,4800			11,3900					
Certificate	NL0011409735	AALB 23.51TL OPENH	EUR	9,5400	10,4500	9,5400			10,4500					
Certificate	NL0011891981	AALB 24.42TL OPENH	EUR	8,7200	9,6400	8,7200			9,6400					
Certificate	NL0013014731	AALB 24.87BL OPENB	EUR	6,9050	6,9050	6,9050			6,9050					
Certificate	NL0011891973	AALB 24.94TL OPENH	EUR	8,2700	9,2000	8,2700			9,2000					
Certificate	LU1841152397	AALB 25.27CIOPENS	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0011926613	AALB 25.94TL OPENH	EUR	7,3800	8,3100	7,3800			8,3100					
Certificate	NL0013011307	AALB 26.37BL OPENB	EUR	5,4050	5,4050	5,4050			5,4050					



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	NL0011993340	AALB 26.77TL OPENH	EUR	6,6400	7,5700	6,6400			7,5700					
Certificate	NL0011993332	AALB 27.29TL OPENH	EUR	6,1800	7,1100	6,1800			7,1100					
Certificate	NL0012029490	AALB 27.87BL OPENB	EUR	3,7100	3,9050	3,7100	4093,0000	2	3,9050	1100				
Certificate	DE000CD627X6	AALB 27.98TL OPENZ	EUR	2,5350	3,5200	2,5350	214,5000	2	3,5200	75				
Certificate	NL0012051296	AALB 28.82TL OPENH	EUR	4,8000	5,7500	4,8000			5,7500					
Certificate	LU1817099796	AALB 29.06CIOPENS	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0013008592	AALB 29.62BL OPENB	EUR	2,1650	2,1650	2,1650			2,1650					
Certificate	DE000CD648R4	AALB 29.96TL OPENZ	EUR	0,5550	1,5600	0,5550	1434,0000	4	1,5600	1000				
Certificate	LU1859831452	AALB 30.15CIOPENS	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	NL0012196646	AALB 30.67TL OPENH	EUR											
Certificate	LU1840980160	AALB 31.07CIOPENS	EUR											
Certificate	NL0012994719	AALB 31.12BL OPENB	EUR											
Certificate	DE000CE6BTF5	AALB 31.93TL OPENZ	EUR											
Certificate	NL0013014848	AALB 32.16BS OPENB	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	LU1841153528	AALB 32.65PIOPENS	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	NL0013085285	AALB 33.22TS OPENH	EUR	7,5400	7,5400	6,6700			6,6700					
Certificate	NL0013011398	AALB 34.16BS OPENB	EUR	3,1350	3,1350	3,1350			3,1350					
Certificate	NL0013084965	AALB 34.22TS OPENH	EUR	8,6700	8,6700	7,8000			7,8000					
Certificate	LU1840978693	AALB 34.24PIOPENS	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	DE000CJ3N422	AALB 35.83TS OPENZ	EUR	1,1350	1,1350	0,9400			0,9400					
Certificate	NL0013007651	AALB 36.15BS OPENB	EUR	5,1250	5,1250	5,1250			5,1250					
Certificate	NL0012988893	AALB 38.15BS OPENB	EUR	7,1250	7,1250	7,1250			7,1250					
Certificate	NL0012894596	AALB 38.93TS OPENH	EUR	14,0200	14,0200	13,1300			13,1300					
Certificate	NL0012934509	AALB 39.18TS OPENH	EUR	14,3000	14,3000	13,4200			13,4200					
Certificate	NL0012895072	AALB 39.22TS OPENH	EUR	14,3600	14,3600	13,4700			13,4700					
Certificate	LU1790692294	AALB 39.72PIOPENS	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	DE000CV8AXE7	AALB 39.82TS OPENZ	EUR	1,9250	1,9250	1,7300			1,7300					
Certificate	NL0012985584	AALB 40.13BS OPENB	EUR	9,1050	9,1050	9,1050			9,1050					
Certificate	NL0012933543	AALB 40.22TS OPENH	EUR	15,5000	15,5000	14,6100			14,6100					
Certificate	NL0012922066	AALB 41.16TS OPENH	EUR	16,5600	16,5600	15,6800			15,6800					
Certificate	LU1790427030	AALB 42.05PIOPENS	EUR	10,6300	10,6300	10,6300			10,6300					
Certificate	NL0012919559	AALB 42.14TS OPENH	EUR	17,6800	17,6800	16,8000			16,8000					
Certificate	NL0012918460	AALB 43.13TS OPENH	EUR	18,8100	18,8100	17,9300			17,9300					
Certificate	NL0012598221	AALB 43.77TS OPENH	EUR	19,5400	19,5400	18,6500			18,6500					
Certificate	NL0012498646	AALB 44.07BS OPENB	EUR	13,0550	13,0550	13,0550			13,0550					
Certificate	NL0012536403	AALB 44.42TS OPENH	EUR	20,2800	20,2800	19,4000			19,4000					
Certificate	DE000CE6ETB8	AALB 44.81TS OPENZ	EUR	2,9250	2,9250	2,7300			2,7300					
Certificate	NL0012592653	AALB 45.69TS OPENH	EUR	21,7300	21,7300	20,8400			20,8400					
Certificate	NL0012530968	AALB 46.82TS OPENH	EUR	23,0100	23,0100	22,1300			22,1300					
Certificate	NL0012605315	AALB 48.81TS OPENH	EUR	25,2900	25,2900	24,4000			24,4000					
Certificate	NL0012523815	AALB 50.64TS OPENH	EUR	27,3700	27,3700	26,4900			26,4900					
Certificate	NL0012593354	AALB 54.57TS OPENH	EUR	31,8600	31,8600	30,9800			30,9800					
Certificate	DE000CN6KSV4	ABB 16.6TL OPENZ	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	DE000CN6L329	ABB 17.8TL OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CM4ARJ8	ABB 12.65TL OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CK6V1W0	ABB 14.55TL OPENZ	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	DE000CN6J166	ABB 15.83TL OPENZ	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CD62K55	ABB 19.15TL OPENZ	EUR	0,9000	1,3400	0,9000	72,0000	1	1,3400	80				
Certificate	DE000CN6ERP1	ABBV 41.16TL OPENZ	EUR	3,3800	3,6600	3,3800			3,6600					
Certificate	DE000CY52SH9	ABLIZ 60TL OPENC	EUR											
Certificate	DE000CY52SG1	ABLIZ 65TL OPENC	EUR											
Certificate	DE000CN6KY55	ABLIZ29.94TL OPENZ	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	DE000CN6KZ21	ABLIZ34.36TL OPENZ	EUR	6,4900	6,4900	6,4900			6,4900					
Certificate	NL0012795983	ABN LEVOPENZ	EUR	25,3500	26,1500	25,3500			26,1500					
Certificate	NL0012796023	ABN SHROPENZ	EUR	89,3500	89,3500	86,6700			86,6700					
Certificate	XS1395021915	ABN STN0419B	EUR	105,7000	105,8000	105,7000			105,8000					
Certificate	DE000CY16LX6	ABN 15TL OPENC	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000CY51402	ABN 16TL OPENC	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	DE000CY518K1	ABN 16TL OPENC	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	DE000CY51BL9	ABN 18TL OPENC	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	DE000CY16LW8	ABN 18TL OPENC	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	DE000CV8A8S3	ABN 19TL 1218Z	EUR	0,4500	0,4700	0,4500			0,4700					
Certificate	DE000CY16LV0	ABN 20TL OPENC	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	DE000CY51634	ABN 20TL OPENC	EUR	3,1300	3,3400	3,1300	3152,0000	5	3,3400	1000				
Certificate	DE000CV8AAZ0	ABN 21TL 1218Z	EUR	0,0485	0,0930	0,0485	1214,2400	4	0,0930	16121				
Certificate	DE000CP06016	ABN 22TL OPENC	EUR											
Certificate	DE000CY16T09	ABN 22TL OPENC	EUR	1,3600	1,5300	1,3600	204,0000	1	1,5300	150				
Certificate	DE000CP06214	ABN 22TL OPENC	EUR											
Certificate	NL0012976609	ABN 24BOC0619B	EUR	21,9100	21,9100	21,9100			21,9100					
Certificate	DE000CP06TM1	ABN 24TS OPENC	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0012796064	ABN 25BON1219Z	EUR	21,2100	21,3600	21,2100			21,3600					
Certificate	NL0012236152	ABN 26BON1218Z	EUR	24,6300	24,7650	24,6300			24,7650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY523T0	ABN 26TS OPENC	EUR											
Certificate	DE000CQ5B238	ABN 26TS OPENC	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	DE000CY523D4	ABN 26TS OPENC	EUR											
Certificate	DE000CQ5BDM3	ABN 26TS OPENC	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	NL0012648364	ABN 27B0C1218Z	EUR	25,4250	25,5750	25,4250			25,5750					
Certificate	NL0012648687	ABN 27B0N0619Z	EUR	23,4900	23,6500	23,4900			23,6500					
Certificate	DE000CY52V34	ABN 28TS OPENC	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000CQ5A768	ABN 28TS OPENC	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	NL0012648372	ABN 29B0C0619Z	EUR	24,2550	24,4600	24,2550			24,4600					
Certificate	DE000CY51GK0	ABN 30TS OPENC	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	DE000CY16T17	ABN 32TS OPENC	EUR	8,1200	8,1200	8,1200			8,1200					
Certificate	DE000CY52LV5	ABN 32TS OPENC	EUR	10,8200	10,8200	10,8200			10,8200					
Certificate	DE000CY51UL9	ABN 32TS OPENC	EUR	9,4900	9,4900	9,4900			9,4900					
Certificate	DE000CY52HG4	ABN 34TS OPENC	EUR	11,5700	11,5700	11,5700			11,5700					
Certificate	DE000CV89BM3	ABN 25.7S OPENZ	EUR	0,7900	0,7900	0,7700			0,7700					
Certificate	NL0011420625	ABN 6.3TL OPENH	EUR	15,3000	15,4200	15,3000			15,4200					
Certificate	NL0012036271	ABN 17.7TL OPENB	EUR	4,8150	4,8150	4,8150			4,8150					
Certificate	NL0012037816	ABN 18.2TL OPENB	EUR	4,3450	4,3450	4,3450			4,3450					
Certificate	DE000CD64DU3	ABN 19.1TL OPENZ	EUR	2,7650	2,9000	2,7650			2,9000					
Certificate	NL0012258800	ABN 20.6BL OPENB	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	NL0012983134	ABN 21.2BL OPENB	EUR											
Certificate	NL0012983530	ABN 21.7BL OPENB	EUR											
Certificate	NL0013013824	ABN 23.1BS OPENB	EUR	2,0800	2,0950	2,0250	228,8000	1	2,0250	110				
Certificate	NL0012795744	ABN 25.5B0C0619Z	EUR	20,7900	20,9500	20,7900			20,9500					
Certificate	NL0012494454	ABN 25.6B0C1218B	EUR	24,8500	24,9200	24,8500			24,9200					
Certificate	NL0013003205	ABN 25.9B0C0919B	EUR	20,8000	20,8000	20,8000			20,8000					
Certificate	NL0012648893	ABN 27.5B0C1218Z	EUR	24,1550	24,4050	24,1550			24,4050					
Certificate	NL0012648679	ABN 28.5B0N1218Z	EUR	20,9700	21,1600	20,9700			21,1600					
Certificate	NL0012648901	ABN 29.5B0C0619Z	EUR	22,4150	22,6800	22,4150			22,6800					
Certificate	NL0011420641	ABN 3.15TL OPENH	EUR	18,2300	18,3400	18,2300			18,3400					
Certificate	NL0011420633	ABN 4.73TL OPENH	EUR	16,7600	16,8800	16,7600			16,8800					
Certificate	NL0011420617	ABN 7.87TL OPENH	EUR	13,8400	13,9500	13,8400			13,9500					
Certificate	NL0011420609	ABN 9.44TL OPENH	EUR	12,3700	12,4900	12,3700			12,4900					
Certificate	NL0011420591	ABN 10.75TL OPENH	EUR	11,1500	11,2700	11,1500			11,2700					
Certificate	NL0011420575	ABN 11.27TL OPENH	EUR	10,6600	10,7800	10,6600			10,7800					
Certificate	NL0011521158	ABN 11.65BL OPENB	EUR	9,8050	9,8050	9,8050			9,8050					
Certificate	NL0011420559	ABN 11.79TL OPENH	EUR	10,1800	10,3000	10,1800	2552,5000	1	10,3000	250				
Certificate	DE000CV89YF9	ABN 12.84TL OPENZ	EUR	1,6700	1,6900	1,6700	3381,6900	1	1,6900	2001				
Certificate	NL0011914825	ABN 13.58TL OPENB	EUR	8,6350	8,6350	8,6350			8,6350					
Certificate	DE000CD62K63	ABN 13.94TL OPENZ	EUR	7,7250	7,8600	7,7250			7,8600					
Certificate	NL0011918024	ABN 14.62TL OPENB	EUR	7,6650	7,6650	7,6650			7,6650					
Certificate	DE000CD62C22	ABN 14.86TL OPENZ	EUR	6,3050	6,4400	6,3050			6,4400					
Certificate	NL0011919626	ABN 15.14TL OPENB	EUR	7,1850	7,1850	7,1850			7,1850					
Certificate	NL0012020275	ABN 15.64TL OPENB	EUR	6,7250	6,7250	6,7250			6,7250					
Certificate	DE000CD62PW7	ABN 15.86TL OPENZ	EUR	5,3150	5,4500	5,3150			5,4500					
Certificate	DE000CD63A31	ABN 16.52TL OPENZ	EUR	5,2450	5,3800	5,2450			5,3800					
Certificate	DE000CD62TQ1	ABN 16.84TL OPENZ	EUR	4,3350	4,4700	4,3350			4,4700					
Certificate	NL0012024657	ABN 17.19TL OPENB	EUR	5,2850	5,2850	5,2850			5,2850					
Certificate	LU1859831536	ABN 17.37TCIOPENS	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	NL0012024079	ABN 17.46BL OPENB	EUR	3,9950	3,9950	3,9950			3,9950					
Certificate	DE000CD63DN0	ABN 18.33TL OPENZ	EUR	2,8650	3,0000	2,8650			3,0000					
Certificate	NL0012038285	ABN 18.51BL OPENB	EUR	2,9000	2,9450	2,8850	2900,0000	1	2,9450	1000				
Certificate	NL0012038293	ABN 19.04BL OPENB	EUR	2,3700	2,4150	2,3400	11699,6400	4	2,4150	4968				
Certificate	NL0012114003	ABN 19.22TL OPENB	EUR	3,3300	3,3950	3,3300	9990,0000	2	3,3950	3000				
Certificate	NL0012114326	ABN 19.56BL OPENB	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	NL0012257760	ABN 19.72TL OPENB	EUR	2,8200	2,9250	2,8200	282,0000	1	2,9250	100				
Certificate	DE000CD64BM4	ABN 19.82TL OPENZ	EUR	1,4050	1,5400	1,4050			1,5400					
Certificate	NL0012114631	ABN 20.08BL OPENB	EUR	1,3900	1,3900	1,3000	1398,6900	2	1,3850	1071				
Certificate	NL0012259360	ABN 20.23TL OPENB	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	NL0012794556	ABN 20.73TL OPENB	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	LU1493084070	ABN 21.01TCIOPENS	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0013015332	ABN 21.23TL OPENB	EUR											
Certificate	DE000CV8A9H4	ABN 21.81TL OPENZ	EUR											
Certificate	LU1841152470	ABN 21.84TCIOPENS	EUR											
Certificate	NL0012983308	ABN 21.85TL OPENB	EUR											
Certificate	NL0012984769	ABN 22.19BL OPENB	EUR											
Certificate	LU1521264090	ABN 22.23TCIOPENS	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	LU1573509863	ABN 22.24TCIOPENS	EUR											
Certificate	NL0013015431	ABN 22.31TS OPENB	EUR	2,8550	2,8550	2,8550			2,8550					
Certificate	NL0012985022	ABN 22.33TL OPENB	EUR											
Certificate	LU1859829803	ABN 22.44TCIOPENS	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	LU1790555624	ABN 22.56TCIOPENS	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	NL0013014129	ABN 22.81TS OPENB	EUR	3,3950	3,3950	3,3950			3,3950					
Certificate	NL0013011802	ABN 23.31TS OPENB	EUR	3,9250	3,9250	3,9250			3,9250					
Certificate	LU1841028548	ABN 23.38TPIOPENS	EUR	2,5800	2,5800	2,5200	258,0000	1	2,5200	100				
Certificate	NL0013009780	ABN 23.81TS OPENB	EUR	4,4750	4,4750	4,4750								
Certificate	NL0013008824	ABN 24.09BS OPENB	EUR	3,0150	3,0150	3,0150								
Certificate	LU1840978776	ABN 24.25TPIOPENS	EUR	3,3800	3,3800	3,3800								
Certificate	NL0012789945	ABN 24.28TS OPENB	EUR	4,9750	4,9750	4,9750			4,9750					
Certificate	NL0012789952	ABN 24.78TS OPENB	EUR	5,5150	5,5150	5,5150			5,5150					
Certificate	NL0012684369	ABN 25.09BS OPENB	EUR	4,0150	4,0150	4,0150			4,0150					
Certificate	NL0012683098	ABN 25.72TS OPENB	EUR	6,5450	6,5450	6,5450			6,5450					
Certificate	LU1790699620	ABN 25.81TPIOPENS	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	NL0012683775	ABN 26.06BS OPENB	EUR	4,9850	4,9850	4,9850			4,9850					
Certificate	NL0012679146	ABN 26.19TS OPENB	EUR	7,0900	7,1050	7,0450	70,9000	1	7,0450	10				
Certificate	DE000CV89BN1	ABN 26.99TS OPENZ	EUR	1,1900	1,1900	1,1700			1,1700					
Certificate	NL0013007669	ABN 27.06BS OPENB	EUR	5,9850	5,9850	5,9850			5,9850					
Certificate	NL0012677611	ABN 28.65TS OPENB	EUR	9,7050	9,7050	9,7050			9,7050					
Certificate	DE000CV89ED6	ABN 28.99TS OPENZ	EUR	1,5900	1,5900	1,5600			1,5600					
Certificate	NL0011904891	ABN 9.513BL OPENB	EUR	11,9450	11,9450	11,9450			11,9450					
Certificate	XS0657770458	ABN0%3MEURIBFRN24	EUR											
Certificate	NL0009980986	ABN0%INFLATNLKD22	EUR											
Certificate	DE000CN6KM26	ACCEN108.7TL OPENZ	EUR	1,9550	2,1050	1,9550			2,1050					
Certificate	DE000CE6DGE1	ACCEN122.9TL OPENZ	EUR	1,3350	1,4750	1,3350			1,4750					
Certificate	DE000CJ3NWS9	ACCEN139.1TL OPENZ	EUR	0,6250	0,7650	0,6250			0,7650					
Certificate	DE000CR9NTA0	ACCEN85.95TL OPENZ	EUR	2,9550	3,1050	2,9550			3,1050					
Certificate	DE000CR9NUP6	ACCEN96.25TL OPENZ	EUR	2,5050	2,6450	2,5050			2,6450					
Certificate	DE000CV50608	ACCG 13.7TL OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CE6FNN3	ACCG 15.3TL OPENZ	EUR	0,1400	0,1750	0,1400	182,0000	2	0,1750	1300				
Certificate	DE000CJ3N6V6	ACCG 9.53TL OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000CV8B3E3	ACCG 10.53TL OPENZ	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	DE000CV8B3F0	ACCG 11.59TL OPENZ	EUR	0,8900	0,8900	0,8850	493,9500	1	0,8850	555				
Certificate	NL0013009608	ACCG 12.51TL OPENB	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CV8B3G8	ACCG 12.64TL OPENZ	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	NL0013005788	ACCG 13.51TL OPENB	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0012999114	ACCG 14.52TL OPENB	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	NL0013011653	ACCG 15.52TL OPENB	EUR											
Certificate	NL0013015449	ACCG 16.46TS OPENB	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	NL0012999148	ACCG 18.46TS OPENB	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0012999155	ACCG 20.96TS OPENB	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	NL0010126686	ACCOR 19TL OPENB	EUR	2,2450	2,2450	2,2450			2,2450					
Certificate	NL0012259378	ACCOR 38TL OPENB	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	NL0011650528	ACCOR 29.7TL OPENB	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	NL0012100432	ACCOR 33.9TL OPENB	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0013001803	ACCOR 40.1TL OPENB	EUR											
Certificate	NL0013015456	ACCOR 41.7TS OPENB	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	NL0013001902	ACCOR 45.7TS OPENB	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	DE000CV89CP4	ACCOR29.78TL OPENZ	EUR	0,9050	1,0350	0,9050			1,0350					
Certificate	DE000CV4YXF3	ACCOR34.84TL OPENZ	EUR	0,4050	0,5350	0,4050			0,5350					
Certificate	DE000CV4YYJ3	ACCOR39.33TL OPENZ	EUR											
Certificate	DE000CD640C3	ACKBV 125.TL OPENZ	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CR4JAK8	ACKBV102.2TL OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0013014749	ACKBV105.38L OPENB	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	DE000CD62D13	ACKBV107.2TL OPENZ	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CD62UK2	ACKBV113.1TL OPENZ	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	NL0013007545	ACKBV115.38L OPENB	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000CD63880	ACKBV119.1TL OPENZ	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	NL0012997886	ACKBV125.38L OPENB	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	DE000CE6BL84	ACKBV131.9TL OPENZ	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	NL0012997894	ACKBV135.48L OPENB	EUR											
Certificate	DE000CJ3N2S1	ACKBV157.2TS OPENZ	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0012998124	ACKBV159.48S OPENB	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	DE000CE6CKK5	ACKBV172.2TS OPENZ	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	NL0012998132	ACKBV179.48S OPENB	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	DE000CV88P17	ACKBV192.1TS OPENZ	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	DE000CR4HZN3	ACKBV92.26TL OPENZ	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CR4J3W9	ACKBV97.24TL OPENZ	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CV8AY41	ACS 26.18TL OPENZ	EUR	1,3050	1,4200	1,3050			1,4200					
Certificate	DE000CV8AUR5	ACS 31.39TL OPENZ	EUR											
Certificate	DE000CJ3NRV3	ADECC34.51TL OPENZ	EUR	0,9850	1,0850	0,9850			1,0850					
Certificate	DE000CV89EV8	ADECC40.54TL OPENZ	EUR	0,4550	0,5650	0,4550			0,5650					
Certificate	DE000CV88NW9	ADECC45.58TL OPENZ	EUR	0,0305	0,0305	0,0305			0,0305					
Certificate	DE000CX0H807	ADIDA 80TL OPENC	EUR											
Certificate	NL0011803648	ADIDA 104TL OPENB	EUR	11,0650	11,0650	11,0650			11,0650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CX01K48	ADIDA 105TL OPENC	EUR											
Certificate	DE000CX0KWQ7	ADIDA 120TL OPENC	EUR											
Certificate	DE000CX59M96	ADIDA 130TL OPENC	EUR											
Certificate	NL0011996434	ADIDA 135TL OPENH	EUR	7,5700	8,0500	7,5700			8,0500					
Certificate	DE000CX59YB7	ADIDA 140TL OPENC	EUR											
Certificate	DE000CY16B57	ADIDA 150TL OPENC	EUR											
Certificate	DE000CY16DJ2	ADIDA 160TL OPENC	EUR	3,7700	3,7800	3,7700	37,7000	1	3,7800	10				
Certificate	DE000CY501T6	ADIDA 180TS OPENC	EUR											
Certificate	NL0012925705	ADIDA 181TL OPENH	EUR	3,2600	3,7500	3,2600			3,7500					
Certificate	NL0012601629	ADIDA 226TS OPENH	EUR	4,1100	4,1100	3,6400			3,6400					
Certificate	NL0012605844	ADIDA 246TS OPENH	EUR	6,2500	6,2500	5,7800			5,7800					
Certificate	DE000CJ3NPL8	ADIDA 188.1TL OPENZ	EUR	1,2350	1,9300	1,2350			1,9300					
Certificate	NL0011050786	ADIDA 44.9TL OPENH	EUR	16,0000	16,4800	16,0000			16,4800					
Certificate	NL0011050760	ADIDA 54.4TL OPENH	EUR	15,1100	15,5900	15,1100			15,5900					
Certificate	NL0011240718	ADIDA 58.7TL OPENH	EUR	14,7100	15,1900	14,7100			15,1900					
Certificate	NL0011797162	ADIDA 92.3TL OPENB	EUR	12,1550	12,1550	12,1550			12,1550					
Certificate	NL0011798913	ADIDA 98.7TL OPENB	EUR	11,5550	11,5550	11,5550			11,5550					
Certificate	NL0011733159	ADIDA105.2TL OPENH	EUR	10,3500	10,8400	10,3500			10,8400					
Certificate	DE000CN6L4W0	ADIDA109.1TL OPENZ	EUR	90,6200	97,6600	90,6200			97,6600					
Certificate	NL0011818125	ADIDA109.6TL OPENB	EUR	10,5450	10,5450	10,5450			10,5450					
Certificate	NL0011889373	ADIDA115.6TL OPENH	EUR	9,3900	9,8700	9,3900			9,8700					
Certificate	DE000CD61K80	ADIDA120.3TL OPENZ	EUR	79,3500	86,3900	79,3500			86,3900					
Certificate	NL0011926621	ADIDA125.6TL OPENH	EUR	8,4400	8,9400	8,4400			8,9400					
Certificate	NL0011910179	ADIDA127.6TL OPENB	EUR	8,8650	8,8650	8,8650			8,8650					
Certificate	DE000CD62A73	ADIDA132.3TL OPENZ	EUR	67,4500	74,4800	67,4500			74,4800					
Certificate	NL0012033773	ADIDA134.2TL OPENB	EUR	8,2550	8,2550	8,2550			8,2550					
Certificate	NL0012175012	ADIDA145.2TL OPENH	EUR	6,6200	7,1000	6,6200			7,1000					
Certificate	NL0012113799	ADIDA148.4TL OPENB	EUR	6,9350	6,9350	6,9350			6,9350					
Certificate	NL0012197354	ADIDA155.2TL OPENH	EUR	5,6800	6,1600	5,6800			6,1600					
Certificate	DE000CE6BKK7	ADIDA158.1TL OPENZ	EUR	4,1750	4,8800	4,1750			4,8800					
Certificate	NL0012116024	ADIDA164.1TL OPENB	EUR	5,4750	5,4750	5,4750			5,4750					
Certificate	NL0012555346	ADIDA164.6TL OPENH	EUR	4,8000	5,2800	4,8000			5,2800					
Certificate	NL0012549497	ADIDA164.8TL OPENH	EUR	4,7900	5,2700	4,7900			5,2700					
Certificate	NL0012594949	ADIDA170.3TL OPENH	EUR	4,2600	4,7500	4,2600			4,7500					
Certificate	NL0012594931	ADIDA175.3TL OPENH	EUR	3,7900	4,2800	3,7900			4,2800					
Certificate	NL0012774590	ADIDA181.1TL OPENB	EUR	3,7200	3,8850	3,7200	372,0000	1	3,8850	100				
Certificate	NL0013012578	ADIDA190.2TL OPENB	EUR	3,0450	3,0450	3,0450			3,0450					
Certificate	NL0013084973	ADIDA195.2TL OPENH	EUR	1,9500	2,4300	1,9500	1269,8200	6	2,4300	598				
Certificate	NL0013084114	ADIDA200.2TS OPENH	EUR											
Certificate	NL0013007271	ADIDA209.7TS OPENB	EUR	1,9350	1,9350	1,9350			1,9350					
Certificate	NL0013085293	ADIDA210.2TS OPENH	EUR	2,4200	2,4200	1,9700			1,9700					
Certificate	NL0012892376	ADIDA219.8TS OPENH	EUR	3,4200	3,4200	2,9700			2,9700					
Certificate	NL0012937999	ADIDA224.5TS OPENH	EUR	3,9200	3,9200	3,4800			3,4800					
Certificate	NL0012595508	ADIDA225.6TS OPENH	EUR	4,0500	4,0500	3,5900			3,5900					
Certificate	NL0012213904	ADIDA227.4TS OPENH	EUR	4,2300	4,2300	3,7900			3,7900					
Certificate	NL0012282248	ADIDA230.4TS OPENB	EUR	4,1750	4,1750	4,1750			4,1750					
Certificate	NL0012894091	ADIDA234.8TS OPENH	EUR	5,0300	5,0300	4,5800			4,5800					
Certificate	NL0012988687	ADIDA253.8TS OPENB	EUR	6,7050	6,7050	6,7050			6,7050					
Certificate	NL0012602593	ADIDA255.7TS OPENH	EUR	7,2900	7,2900	6,8300			6,8300					
Certificate	DE000CX00WU5	ADOBE 85TL OPENC	EUR											
Certificate	DE000CY50V51	ADOBE 130TL OPENC	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	DE000CY50XV4	ADOBE 130TL OPENC	EUR	10,6700	10,6700	10,6700			10,6700					
Certificate	DE000CY50V69	ADOBE 140TL OPENC	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	DE000CY50XW2	ADOBE 140TL OPENC	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	DE000CY51V84	ADOBE 150TL OPENC	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	DE000CY51YP2	ADOBE 150TL OPENC	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	DE000CY51V92	ADOBE 160TL OPENC	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	DE000CY51YQ0	ADOBE 160TL OPENC	EUR	8,2500	8,2500	8,2500			8,2500					
Certificate	DE000CY52FC7	ADOBE 170TL OPENC	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	DE000CY52DZ3	ADOBE 170TL OPENC	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000CY52MR1	ADOBE 180TL OPENC	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	DE000CQ5A1A9	ADOBE 180TL OPENC	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	NL0012970891	ADYEN 173.TL OPENB	EUR	39,1100	39,1100	39,1100			39,1100					
Certificate	NL0012971436	ADYEN 362.TL OPENB	EUR	21,5200	21,5200	21,5200			21,5200					
Certificate	NL0012997803	ADYEN 744.TS OPENB	EUR	25,2400	25,2400	25,2400			25,2400					
Certificate	NL0012970933	ADYEN181.7BL OPENB	EUR	37,0500	38,5500	37,0500	3705,0000	1	38,5500	100				
Certificate	NL0012970941	ADYEN201.9BL OPENB	EUR	36,5300	36,5300	36,5300			36,5300					
Certificate	NL0012970917	ADYEN216.2TL OPENB	EUR	35,0900	35,0900	35,0900			35,0900					
Certificate	NL0012971337	ADYEN252.4BL OPENB	EUR	31,4800	31,4800	31,4800			31,4800					
Certificate	NL0012971170	ADYEN271.5TL OPENB	EUR	29,9400	29,9400	29,9400			29,9400					
Certificate	NL0012971329	ADYEN302.9BL OPENB	EUR	26,4300	26,4300	26,4300			26,4300					
Certificate	NL0012971188	ADYEN321.8TL OPENB	EUR	25,2600	25,2600	25,2600			25,2600					



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	DE000CV89GH2	ADYEN347.7TL OPENZ	EUR	20,1600	23,0600	20,1600			23,0600					
Certificate	NL0012971592	ADYEN383.6BL OPENB	EUR	18,3600	18,3600	18,3600			18,3600					
Certificate	DE000CV89KV5	ADYEN390.4TL OPENZ	EUR	3,2300	3,8100	3,2300	473,2800	2	3,8100	136				
Certificate	NL0012971600	ADYEN403.8BL OPENB	EUR	16,3400	16,3400	16,3400			16,3400					
Certificate	NL0012973515	ADYEN423.9BL OPENB	EUR	14,3300	14,3300	14,3300			14,3300					
Certificate	DE000CV89M92	ADYEN433.1TL OPENZ	EUR	2,4300	3,0100	2,4300	444,6000	3	3,0100	156				
Certificate	NL0012973424	ADYEN442.2TL OPENB	EUR	13,9700	14,0600	13,9700	279,4000	1	14,0600	20				
Certificate	NL0012973523	ADYEN444.1BL OPENB	EUR	10,4400	12,3100	10,4200	12155,2000	4	12,3100	1080				
Certificate	NL0012977169	ADYEN464.2BL OPENB	EUR	10,2400	10,3000	10,2100	1024,0000	1	10,3000	100				
Certificate	DE000CV89WA4	ADYEN475.9TL OPENZ	EUR	1,6300	2,2200	1,6300	537,8500	4	2,2200	281				
Certificate	DE000VA71564	ADYEN481.2TL OPENV	EUR	7,2500	7,2500	7,1500	72,5000	1	7,1500	10				
Certificate	NL0012978191	ADYEN482.1TL OPENB	EUR	10,2000	10,3400	10,2000	2040,0000	1	10,3400	200				
Certificate	NL0012977177	ADYEN484.4BL OPENB	EUR	6,6800	8,2800	6,6800	1735,9800	4	8,2800	234				
Certificate	DE000VA71572	ADYEN491.2TL OPENV	EUR											
Certificate	DE000VA71580	ADYEN501.2TL OPENV	EUR											
Certificate	NL0012979157	ADYEN502.1TL OPENB	EUR	7,2600	8,4800	7,2600	2032,8000	1	8,4800	280				
Certificate	NL0012979413	ADYEN504.5BL OPENB	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	DE000VA71598	ADYEN511.2TL OPENV	EUR											
Certificate	DE000CV8ALS2	ADYEN518.7TL OPENZ	EUR	0,8300	1,4100	0,8300	102,0000	1	1,4100	85				
Certificate	DE000VA77F14	ADYEN521.2TL OPENV	EUR											
Certificate	NL0012986970	ADYEN521.7TL OPENB	EUR	4,6400	6,6600	4,3500	22600,0000	9	6,6600	5000				
Certificate	NL0012986772	ADYEN524.5BL OPENB	EUR	2,6700	4,2700	2,1000	3446,2200	9	4,2700	1142				
Certificate	DE000VA71TA2	ADYEN531.2TL OPENV	EUR											
Certificate	DE000VA71W19	ADYEN541.2TL OPENV	EUR											
Certificate	DE000VA71W27	ADYEN551.2TL OPENV	EUR											
Certificate	NL0013012123	ADYEN551.7TL OPENB	EUR											
Certificate	NL0013013147	ADYEN554.5BL OPENB	EUR											
Certificate	DE000VA710B6	ADYEN561.2TL OPENV	EUR											
Certificate	DE000CJ3PDD6	ADYEN563.7TL OPENZ	EUR											
Certificate	DE000VA710C4	ADYEN571.2TL OPENV	EUR											
Certificate	DE000VA710D2	ADYEN581.2TL OPENV	EUR											
Certificate	DE000VA711E8	ADYEN581.2TL OPENV	EUR											
Certificate	NL0013013600	ADYEN581.7TL OPENB	EUR											
Certificate	NL0013012586	ADYEN581.7TL OPENB	EUR											
Certificate	NL0013013154	ADYEN584.2BL OPENB	EUR											
Certificate	NL0013013451	ADYEN584.4BL OPENB	EUR											
Certificate	DE000VA710E0	ADYEN591.2TL OPENV	EUR											
Certificate	DE000VA711F5	ADYEN591.2TL OPENV	EUR											
Certificate	DE000VA8FTW8	ADYEN601.3TL OPENV	EUR											
Certificate	DE000VA8FXJ7	ADYEN611.3TS OPENV	EUR											
Certificate	DE000VA8FXK5	ADYEN621.3TS OPENV	EUR											
Certificate	DE000VA7TFX8	ADYEN621.8TS OPENV	EUR											
Certificate	NL0013014855	ADYEN622.6BS OPENB	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	NL0013007677	ADYEN622.7BS OPENB	EUR											
Certificate	NL0013007917	ADYEN625.2TS OPENB	EUR	12,4100	12,4100	12,4100			12,4100					
Certificate	DE000VA7TFY6	ADYEN631.8TS OPENV	EUR											
Certificate	DE000VA7TFZ3	ADYEN641.8TS OPENV	EUR											
Certificate	DE000VA7TF06	ADYEN651.8TS OPENV	EUR	12,7000	12,7000	11,2600	4783,0000	4	11,4000	400				
Certificate	DE000VA7TDF0	ADYEN661.9TS OPENV	EUR											
Certificate	DE000VA7TDG8	ADYEN671.9TS OPENV	EUR											
Certificate	DE000VA7TDH6	ADYEN681.9TS OPENV	EUR											
Certificate	NL0013006182	ADYEN682.5BS OPENB	EUR	14,6100	14,6100	14,6100			14,6100					
Certificate	NL0013005903	ADYEN685.1TS OPENB	EUR	18,8800	18,8800	18,8800			18,8800					
Certificate	DE000VA7TDJ2	ADYEN691.9TS OPENV	EUR											
Certificate	DE000VA7TAP5	ADYEN701.9TS OPENV	EUR											
Certificate	DE000VA7TAQ3	ADYEN711.9TS OPENV	EUR											
Certificate	DE000VA7PVA2	ADYEN721.9TS OPENV	EUR											
Certificate	DE000VAGTZG3	ADYEN732.5TS OPENV	EUR											
Certificate	NL0012997647	ADYEN742.3BS OPENB	EUR	20,6000	20,6000	20,6000			20,6000					
Certificate	DE000VAGTZH1	ADYEN742.5TS OPENV	EUR											
Certificate	DE000VA64XC5	ADYEN752.3TS OPENV	EUR											
Certificate	NL0012996862	ADYEN762.2BS OPENB	EUR	22,5800	22,5800	22,5800			22,5800					
Certificate	DE000VA64XD3	ADYEN762.3TS OPENV	EUR											
Certificate	DE000VA7TAR1	ADYEN771.9TS OPENV	EUR											
Certificate	DE000VA64ZX6	ADYEN782.2TS OPENV	EUR											
Certificate	NL0013002470	ADYEN784.5TS OPENB	EUR	29,6100	29,6100	29,6100			29,6100					
Certificate	DE000VA64ZZ1	ADYEN792.2TS OPENV	EUR											
Certificate	NL0013000417	ADYEN802.1BS OPENB	EUR	26,5800	26,5800	26,5800			26,5800					
Certificate	DE000VA7PSQ3	ADYEN811.9TS OPENV	EUR											
Certificate	DE000VA7PSS9	ADYEN821.9TS OPENV	EUR											
Certificate	NL0013002884	ADYEN824.6TS OPENB	EUR	33,9500	33,9500	33,9500			33,9500					
Certificate	NL0013002140	ADYEN842.1BS OPENB	EUR	30,5700	30,5700	30,5700			30,5700					



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	NL0013003676	ADYEN8&2.1BS OPENB	EUR	34,5700	34,5700	34,5700			34,5700					
Certificate	FR0013123288	AE10S SHROPENS	EUR											
Certificate	FR0013123296	AE12S SHROPENS	EUR											
Certificate	FR0013123304	AE15S SHROPENS	EUR											
Certificate	DE000CE6BQR6	AEGON LEVOPENZ	EUR	33,1500	36,0700	33,1500			36,0700					
Certificate	DE000CE6BQG9	AEGON SHROPENZ	EUR	5,3450	5,3450	4,8990			4,8990					
Certificate	XS177869857	AEGON STN02218	EUR	102,9000	104,4000	102,5000	8239,0000	2	104,4000	8000				
Certificate	XS1649312698	AEGON STN0720B	EUR	104,7000	105,8000	104,7000			105,8000					
Certificate	XS1490961247	AEGON STN0926B	EUR	108,1000	108,2000	108,1000			108,2000					
Certificate	XS1325860556	AEGON STN1118B	EUR	106,8000	107,2000	106,8000	6424,0000	2	107,2000	6000				
Certificate	XS1536800789	AEGON STN1219B	EUR	106,7000	107,7000	106,7000	21400,0000	1	107,7000	20000				
Certificate	DE000CX00039	AEGON 3TL OPENC	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	NL0012275267	AEGON 4TL OPENB	EUR	1,5450	1,5450	1,5450			1,5450					
Certificate	DE000CX59NX4	AEGON 4TL OPENC	EUR	1,8600	1,8800	1,8500	558,0000	1	1,8800	300				
Certificate	DE000CY50040	AEGON 4TL OPENC	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000VA7PT04	AEGON 5TL 0319V	EUR	0,3080	0,3080	0,3080			0,3080					
Certificate	DE000VA32221	AEGON 5TL 1218V	EUR	0,3010	0,3010	0,3010			0,3010					
Certificate	DE000CY521M9	AEGON 5TL OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CP06222	AEGON 5TL OPENC	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000CP06032	AEGON 5TL OPENC	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CY51X09	AEGON 5TL OPENC	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	NL0012796072	AEGON 6BON0919Z	EUR	5,1900	5,2900	5,1900			5,2900					
Certificate	NL0012796080	AEGON 6BON1219Z	EUR	5,1300	5,2400	5,1300			5,2400					
Certificate	DE000VA7PTY5	AEGON 6TS 0319V	EUR	0,7870	0,7870	0,7870			0,7870					
Certificate	DE000VA4YTV0	AEGON 6TS 1218V	EUR	0,7810	0,7810	0,7810			0,7810					
Certificate	DE000CQ58246	AEGON 6TS OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CP067R3	AEGON 7TS OPENC	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000CQ5A0R5	AEGON 7TS OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CQ5AJW1	AEGON 7TS OPENC	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000CP06NR3	AEGON 7TS OPENC	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000CC8AAN9	AEGON 8TS OPENC	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	NL0009940428	AEGON 1.1TL OPENB	EUR	4,2650	4,2650	4,2650			4,2650					
Certificate	NL0011418488	AEGON 1.1TL OPENH	EUR	4,1700	4,2700	4,1700			4,2700					
Certificate	NL0010012050	AEGON 1.5TL OPENB	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	NL0010174157	AEGON 1.8TL OPENB	EUR	3,6450	3,6450	3,6450			3,6450					
Certificate	NL0010175469	AEGON 2.1TL OPENB	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	DE000CX590S2	AEGON 3.2TL OPENC	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000CX598P1	AEGON 3.4TL OPENC	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	NL0012030209	AEGON 3.5TL OPENB	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	DE000CX59928	AEGON 3.5TL OPENC	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0012276182	AEGON 4.2BL OPENB	EUR	1,0400	1,1450	1,0400	13165,0000	2	1,1450	12500				
Certificate	LU1521098654	AEGON 4.2TCIOPENS	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CY51LV7	AEGON 4.2TL OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	NL0012369201	AEGON 4.2TL OPENH	EUR	1,3500	1,4600	1,3500	966,0000	1	1,4600	700				
Certificate	NL0012333843	AEGON 4.2TL OPENH	EUR	1,3500	1,4500	1,3500			1,4500					
Certificate	DE000CY50EG5	AEGON 4.5TL OPENC	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CY50FP3	AEGON 4.5TL OPENC	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000VA320W2	AEGON 4.6TL 1218V	EUR	0,6970	0,6970	0,6970			0,6970					
Certificate	DE000CY50WQ6	AEGON 4.6TL OPENC	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CY51675	AEGON 4.6TL OPENC	EUR	0,9800	1,1100	0,9800	10400,0000	2	1,1100	10000				
Certificate	DE000VA71N44	AEGON 4.8TL 0319V	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	DE000VA320X0	AEGON 4.8TL 1218V	EUR	0,4970	0,4970	0,4970			0,4970					
Certificate	DE000CY521L1	AEGON 4.8TL OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	NL0012236178	AEGON 4.9BON1218Z	EUR	5,2900	5,3700	5,2900			5,3700					
Certificate	DE000CJ3NQ46	AEGON 5.1TL 1218Z	EUR	0,1150	0,2050	0,1100	1086,6000	2	0,2050	9060				
Certificate	DE000VA7PT12	AEGON 5.2TL 0319V	EUR											
Certificate	DE000VA6TYJ0	AEGON 5.2TL 1218V	EUR											
Certificate	DE000CY52LX1	AEGON 5.2TL OPENC	EUR											
Certificate	DE000VA8FVP8	AEGON 5.4TS 0319V	EUR	0,1980	0,1980	0,1980			0,1980					
Certificate	DE000VA8FVR4	AEGON 5.4TS 1218V	EUR	0,1910	0,1910	0,1910			0,1910					
Certificate	DE000CP06Z61	AEGON 5.5TS OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CP06W23	AEGON 5.5TS OPENC	EUR	0,3100	0,3500	0,3100	217,0000	1	0,3500	700				
Certificate	DE000CQ58HD3	AEGON 5.5TS OPENC	EUR											
Certificate	NL0012236277	AEGON 5.6BOC1218Z	EUR	5,5750	5,5750	5,5700			5,5700					
Certificate	DE000VA71N28	AEGON 5.6TS 0319V	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	DE000VA71N69	AEGON 5.6TS 1218V	EUR	0,4500	0,4500	0,3800	261,0000	1	0,3800	580				
Certificate	NL0012795546	AEGON 5.7BOC0919Z	EUR	5,2500	5,2700	5,2500			5,2700					
Certificate	NL0012648695	AEGON 5.7BON1218Z	EUR	5,6100	5,6400	5,6100			5,6400					
Certificate	NL0012236582	AEGON 5.8BOC1218Z	EUR	5,7550	5,7550	5,7500			5,7500					
Certificate	DE000VA7PTX7	AEGON 5.8TS 0319V	EUR	0,5860	0,5860	0,5860			0,5860					
Certificate	DE000VA64XS1	AEGON 5.8TS 1218V	EUR	0,5810	0,5810	0,5810			0,5810					
Certificate	NL0012987218	AEGON 5.9BOC0619B	EUR	5,4400	5,4400	5,4200	10880,0000	1	5,4400	2000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012648703	AEGON 5.98ON0619Z	EUR	5,5950	5,6600	5,5950			5,6600					
Certificate	NL0012236590	AEGON 6.28OC0619Z	EUR	5,9000	5,9100	5,9000			5,9100					
Certificate	NL0012792964	AEGON 6.28OC1218Z	EUR	5,5300	5,6400	5,5300			5,6400					
Certificate	NL0012676241	AEGON 6.28OC1218Z	EUR	5,9700	5,9900	5,9700			5,9900					
Certificate	NL0012648919	AEGON 6.28OC1218Z	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	DE000VA7PT22	AEGON 6.2TS 0319V	EUR	0,9870	0,9870	0,9870			0,9870					
Certificate	NL0011039953	AEGON 6.2TS OPENH	EUR	1,7200	1,7200	1,6200			1,6200					
Certificate	NL0012796353	AEGON 6.48OC1219Z	EUR	5,2500	5,3300	5,2500			5,3300					
Certificate	DE000CV4Z129	AEGON 6.4TS OPENZ	EUR	1,2400	1,2400	1,1550			1,1550					
Certificate	NL0012648927	AEGON 6.58OC0619Z	EUR	5,9400	5,9700	5,9400			5,9700					
Certificate	DE000CV8AB22	AEGON 6.5TS 1218Z	EUR	1,3500	1,3500	1,2650			1,2650					
Certificate	DE000CP06PB2	AEGON 6.5TS OPENC	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CY521P2	AEGON 6.5TS OPENC	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	NL0012782577	AEGON 6.6TS OPENB	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	DE000CV88G34	AEGON 6.9TS OPENZ	EUR	1,7400	1,7400	1,6550			1,6550					
Certificate	DE000CJ3NTN6	AEGON 7.3TS 1218Z	EUR	2,1500	2,1500	2,0650			2,0650					
Certificate	DE000CQ5AU22	AEGON 7.5TS OPENC	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000C8AT71	AEGON 7.5TS OPENC	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	NL0012555353	AEGON 8.6TS OPENH	EUR	4,3800	4,3800	4,2900			4,2900					
Certificate	DE000CM3ZVU6	AEGON 0.74TL OPENZ	EUR	4,4700	4,5650	4,4700			4,5650					
Certificate	NL0011230461	AEGON 1.81TL OPENH	EUR	3,5200	3,6200	3,5200			3,6200					
Certificate	NL0011051354	AEGON 1.82TL OPENH	EUR	3,5200	3,6200	3,5200			3,6200					
Certificate	NL0011905146	AEGON 1.97TL OPENB	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	NL0011051347	AEGON 2.11TL OPENH	EUR	3,2600	3,3600	3,2600			3,3600					
Certificate	NL0011895073	AEGON 2.27TL OPENH	EUR	3,1100	3,2100	3,1100			3,2100					
Certificate	NL0011894589	AEGON 2.38TL OPENH	EUR	3,0100	3,1100	3,0100			3,1100					
Certificate	NL0011905153	AEGON 2.46TL OPENB	EUR	2,9850	2,9850	2,9850			2,9850					
Certificate	NL0011892799	AEGON 2.47TL OPENH	EUR	2,9200	3,0300	2,9200			3,0300					
Certificate	DE000CD61P10	AEGON 2.53TL OPENZ	EUR	2,7500	2,8350	2,7500			2,8350					
Certificate	NL0011896444	AEGON 2.59TL OPENH	EUR	2,8200	2,9200	2,8200			2,9200					
Certificate	NL0011906128	AEGON 2.71TL OPENB	EUR	2,7450	2,7450	2,7450			2,7450					
Certificate	NL0011930441	AEGON 2.79TL OPENH	EUR	2,6400	2,7400	2,6400			2,7400					
Certificate	DE000CD622H0	AEGON 2.79TL OPENZ	EUR	2,5000	2,5950	2,5000			2,5950					
Certificate	NL0011979919	AEGON 2.95TL OPENH	EUR	2,4800	2,5900	2,4800			2,5900					
Certificate	NL0012021117	AEGON 2.98TL OPENB	EUR	2,4950	2,4950	2,4950			2,4950					
Certificate	DE000CD637G0	AEGON 3.05TL OPENZ	EUR	2,2500	2,3450	2,2500			2,3450					
Certificate	NL0011980164	AEGON 3.16TL OPENH	EUR	2,3000	2,4000	2,3000			2,4000					
Certificate	NL0012029078	AEGON 3.24TL OPENB	EUR	2,2550	2,2550	2,2550			2,2550					
Certificate	NL0011989561	AEGON 3.26TL OPENH	EUR	2,2000	2,3100	2,2000			2,3100					
Certificate	DE000CD638H6	AEGON 3.36TL OPENZ	EUR	1,9600	2,0450	1,9600			2,0450					
Certificate	NL0011993431	AEGON 3.47TL OPENH	EUR	2,0100	2,1100	2,0100			2,1100					
Certificate	DE000CD63MH3	AEGON 3.72TL OPENZ	EUR	1,6100	1,6950	1,6100			1,6950					
Certificate	NL0012030217	AEGON 3.75TL OPENB	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	DE000CX59FK7	AEGON 3.75TL OPENC	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	NL0012306807	AEGON 3.79TL OPENH	EUR	1,7300	1,8300	1,7300			1,8300					
Certificate	DE000CD63L87	AEGON 3.87TL OPENZ	EUR	1,3200	1,4150	1,3200			1,4150					
Certificate	DE000VN66Q68	AEGON 3.97TL OPENV	EUR											
Certificate	DE000CE6D6GW3	AEGON 4.08TL OPENZ	EUR	1,2600	1,3450	1,2600			1,3450					
Certificate	DE000CV8AB06	AEGON 4.25TL 1218Z	EUR	0,9500	1,0450	0,9500			1,0450					
Certificate	DE000CY16T66	AEGON 4.25TL OPENC	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CY16P29	AEGON 4.25TL OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CY50EF7	AEGON 4.25TL OPENC	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CY50248	AEGON 4.25TL OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0012278790	AEGON 4.26TL OPENB	EUR	1,2200	1,3000	1,2200	2520,0000	2	1,2950	2000				
Certificate	DE000CE6DT50	AEGON 4.27TL OPENZ	EUR	0,9300	1,0150	0,9300			1,0150					
Certificate	NL0012432041	AEGON 4.41TL OPENH	EUR	1,1600	1,2600	1,1600			1,2600					
Certificate	NL0012500086	AEGON 4.43TL OPENB	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	DE000CE6E6J0	AEGON 4.45TL OPENZ	EUR	0,9100	0,9950	0,9100			0,9950					
Certificate	LU1573657894	AEGON 4.54TCIOPENS	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	NL0012501977	AEGON 4.61TL OPENB	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	NL0012528509	AEGON 4.61TL OPENH	EUR	0,9800	1,0800	0,9800			1,0800					
Certificate	LU1573783252	AEGON 4.68TCIOPENS	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	LU1573723191	AEGON 4.71TCIOPENS	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CV8AB14	AEGON 4.75TL 1218Z	EUR	0,4500	0,5350	0,4500			0,5350					
Certificate	DE000CY51JR9	AEGON 4.75TL OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0012504435	AEGON 4.77TL OPENB	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	NL0012529861	AEGON 4.81TL OPENH	EUR	0,8000	0,9000	0,8000			0,9000					
Certificate	LU1612296365	AEGON 4.84TCIOPENS	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CE6F176	AEGON 4.87TL OPENZ	EUR	0,5000	0,5950	0,5000			0,5950					
Certificate	LU1612632650	AEGON 4.94TCIOPENS	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000VL37EK1	AEGON 4.97TL OPENV	EUR											
Certificate	NL0012930622	AEGON 5.01TL OPENH	EUR	0,6100	0,7100	0,6100	3440,0000	2	0,7100	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	LU1790494733	AEGON 5.12TCIOPENS	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	NL0012902100	AEGON 5.21TL OPENH	EUR											
Certificate	DE000VA71XE6	AEGON 5.22TL OPENV	EUR											
Certificate	NL0013014319	AEGON 5.24BL OPENB	EUR											
Certificate	DE000CQ5A0Q7	AEGON 5.25TL OPENC	EUR											
Certificate	DE000CJ3PF54	AEGON 5.27TL OPENZ	EUR											
Certificate	NL0013015464	AEGON 5.37TS OPENB	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	LU1841028621	AEGON 5.53TCIOPENS	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	NL0012494462	AEGON 5.65BOC1218B	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	DE000CP06TN9	AEGON 5.75TS OPENC	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CQ5B8P6	AEGON 5.75TS OPENC	EUR											
Certificate	NL0011406426	AEGON 5.83TS OPENH	EUR	1,3100	1,3100	1,2100			1,2100					
Certificate	NL0011093265	AEGON 5.86TS OPENB	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	NL0012919567	AEGON 5.94TS OPENH	EUR	1,4300	1,4300	1,3400			1,3400					
Certificate	NL0012586341	AEGON 6.07TS OPENH	EUR	1,5800	1,5800	1,4900			1,4900					
Certificate	DE000CV4ZHP2	AEGON 6.07TS OPENZ	EUR	1,1600	1,1600	1,0750			1,0750					
Certificate	NL0013000573	AEGON 6.11TS OPENB	EUR	1,3350	1,3350	1,3350			1,3350					
Certificate	LU1790583246	AEGON 6.18TCIOPENS	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CQ5ANT9	AEGON 6.25TS OPENC	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	LU1840398264	AEGON 6.35TCIOPENS	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0012584387	AEGON 6.47TS OPENH	EUR	2,0100	2,0100	1,9200			1,9200					
Certificate	NL0012605562	AEGON 6.69TS OPENH	EUR	2,2700	2,2700	2,1700			2,1700					
Certificate	NL0012615454	AEGON 6.71TS OPENH	EUR	2,2900	2,2900	2,2000			2,2000					
Certificate	DE000CJ3NVD3	AEGON 6.86TS OPENZ	EUR	1,9900	1,9900	1,8950			1,8950					
Certificate	LU1840398348	AEGON 6.93TCIOPENS	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	NL0011039946	AEGON 6.93TS OPENH	EUR	2,5300	2,5300	2,4400			2,4400					
Certificate	NL0012926877	AEGON 7.54TS OPENH	EUR	3,2100	3,2100	3,1200			3,1200					
Certificate	DE000CC8AAM1	AEGON 7.75TS OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	NL0012539191	AEGON 7.96TS OPENH	EUR	3,6700	3,6700	3,5800			3,5800					
Certificate	NL0012608988	AEGON 9.27TS OPENH	EUR	5,1200	5,1200	5,0300			5,0300					
Certificate	NL0012849228	AEGON 9.29TS OPENH	EUR	5,1500	5,1500	5,0500			5,0500					
Certificate	NL0011815667	AEGON1.825BL OPENB	EUR	3,5150	3,5150	3,5150			3,5150					
Certificate	NL0011645726	AEGON2.359BL OPENB	EUR	2,9850	2,9850	2,9850			2,9850					
Certificate	NL0011907225	AEGON2.625BL OPENB	EUR	2,7250	2,7250	2,7250			2,7250					
Certificate	DE000CNGJR16	AEGON2.696TL OPENZ	EUR	2,4900	2,5850	2,4900			2,5850					
Certificate	NL0011916796	AEGON2.891BL OPENB	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	DE000CD624T1	AEGON3.016TL OPENZ	EUR	2,1800	2,2650	2,1800	2020,5000	2	2,2650	900				
Certificate	DE000CD63674	AEGON3.174TL OPENZ	EUR	2,0200	2,1050	2,0200			2,1050					
Certificate	DE000CD63898	AEGON3.322TL OPENZ	EUR	1,8700	1,9550	1,8700			1,9550					
Certificate	NL0012028807	AEGON3.419BL OPENB	EUR	1,9250	1,9250	1,9250			1,9250					
Certificate	DE000CD638A1	AEGON3.472TL OPENZ	EUR	1,7200	1,8050	1,7200			1,8050					
Certificate	NL0012029524	AEGON3.681BL OPENB	EUR	1,6650	1,6650	1,6650			1,6650					
Certificate	DE000CE6D624	AEGON3.719TL OPENZ	EUR	1,4700	1,5650	1,4700			1,5650					
Certificate	NL0012268809	AEGON3.941BL OPENB	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	DE000VN66RA9	AEGON3.967TL OPENV	EUR	1,6980	1,6980	1,6980			1,6980					
Certificate	DE000CE6D7G5	AEGON4.067TL OPENZ	EUR	1,1300	1,2150	1,1300			1,2150					
Certificate	DE000VN66RC5	AEGON4.167TL OPENV	EUR	1,4930	1,4930	1,4930			1,4930					
Certificate	DE000VN66TW9	AEGON4.258TL OPENV	EUR	1,2880	1,2880	1,2880			1,2880					
Certificate	NL0012488084	AEGON4.458BL OPENB	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	DE000VN66WF8	AEGON4.466TL OPENV	EUR	1,0840	1,0840	1,0840			1,0840					
Certificate	DE000CE6E333	AEGON4.471TL OPENZ	EUR	0,7300	0,8150	0,7300			0,8150					
Certificate	DE000CE6F2N0	AEGON4.671TL OPENZ	EUR	0,5300	0,6150	0,5300			0,6150					
Certificate	DE000VL2FMQ5	AEGON4.672TL OPENV	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	NL0012503130	AEGON4.714BL OPENB	EUR	0,5600	0,6450	0,5550	348,0000	2	0,6450	600				
Certificate	DE000VL2FWM3	AEGON4.776TL OPENV	EUR	0,6770	0,6770	0,6770			0,6770					
Certificate	DE000CE6F5D4	AEGON4.865TL OPENZ	EUR	0,3300	0,4250	0,3300	4740,0000	6	0,4250	12000				
Certificate	NL0012976351	AEGON4.913TL OPENB	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000VL2FXA6	AEGON4.979TL OPENV	EUR	0,4740	0,4740	0,4740			0,4740					
Certificate	NL0012981211	AEGON4.988BL OPENB	EUR	0,2800	0,3650	0,2750	1930,0000	4	0,3650	6000				
Certificate	DE000CV8A5L4	AEGON5.066TL OPENZ	EUR	0,1400	0,2500	0,1400	595,0000	2	0,2250	2500				
Certificate	NL0012991228	AEGON5.087TL OPENB	EUR	0,5100	0,5350	0,5050	3100,0000	2	0,5350	6000				
Certificate	DE000VA4RNV7	AEGON5.118TL OPENV	EUR	0,2130	0,2580	0,2090	53,2500	1	0,2580	250				
Certificate	NL0013012594	AEGON5.237TL OPENB	EUR											
Certificate	DE000VA8FT62	AEGON5.421TS OPENV	EUR	0,1960	0,1960	0,1960			0,1960					
Certificate	DE000VA71TJ3	AEGON5.424TS OPENV	EUR											
Certificate	NL0013010606	AEGON5.564BS OPENB	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	NL0013009806	AEGON5.618TS OPENB	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	DE000VA7TG05	AEGON5.624TS OPENV	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	NL0011087259	AEGON5.813BS OPENB	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	DE000CE6FJC4	AEGON5.897TS OPENZ	EUR	0,7400	0,7400	0,6550			0,6550					
Certificate	NL0012696405	AEGON6.056BS OPENB	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	DE000VLSR8W0	AEGON6.213TS OPENV	EUR	0,5940	0,5940	0,5940			0,5940					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013000425	AEGON6.3058S OPENB	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	DE000VL61EC8	AEGON6.411TS OPENV	EUR	0,7910	0,7910	0,7910			0,7910					
Certificate	NL0013001183	AEGON6.5568S OPENB	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	DE000VA1GMG9	AEGON6.579TS OPENV	EUR	0,9920	0,9920	0,9920			0,9920					
Certificate	DE000VA1GN64	AEGON6.776TS OPENV	EUR	1,1880	1,1880	1,1880			1,1880					
Certificate	NL0013002488	AEGON6.852TS OPENB	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	DE000VA1ST56	AEGON6.971TS OPENV	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	NL0012145999	AEX DIS1218Z	EUR	47,1000	47,2400	47,1000			47,2400					
Certificate	NL0012146013	AEX DIS1218Z	EUR	50,3700	51,0800	50,3700			51,0800					
Certificate	NL0012146005	AEX DIS1218Z	EUR	49,9800	50,5100	49,9800			50,5100					
Certificate	DE000VN61YP4	AEX LEVOPENV	EUR	13,0050	13,0050	13,0050			13,0050					
Certificate	DE000VN61YQ2	AEX LEVOPENV	EUR	11,2950	11,2950	11,2950			11,2950					
Certificate	DE000VN61YS8	AEX LEVOPENV	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	DE000VN61YN9	AEX LEVOPENV	EUR	13,7750	13,7750	13,7750			13,7750					
Certificate	DE000VN61YM1	AEX LEVOPENV	EUR	13,3550	13,3550	13,3550			13,3550					
Certificate	DE000VN61YT6	AEX LEVOPENV	EUR	3,6000	4,2200	3,6000	2383,5600	3	4,2200	637				
Certificate	DE000VN61YR0	AEX LEVOPENV	EUR	8,9750	8,9750	8,9750			8,9750					
Certificate	DE000VN61YV2	AEX SHROPENV	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000VN61Y06	AEX SHROPENV	EUR	0,0940	0,0940	0,0740	286,8600	3	0,0740	3410				
Certificate	DE000VN61YX8	AEX SHROPENV	EUR	0,8660	0,8660	0,8660			0,8660					
Certificate	DE000VA234Q5	AEX SHROPENV	EUR	7,3350	7,3350	7,3350			7,3350					
Certificate	DE000VN61YZ3	AEX SHROPENV	EUR	0,1820	0,1820	0,1820			0,1820					
Certificate	DE000VN61YY6	AEX SHROPENV	EUR	0,4160	0,4160	0,4160			0,4160					
Certificate	DE000VN61YW0	AEX SHROPENV	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000VA545V4	AEX SHROPENV	EUR	18,3550	18,3550	18,3550			18,3550					
Certificate	DE000VN61YU4	AEX SHROPENV	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	NL0011219696	AEX STN0123V	EUR											
Certificate	NL0012248330	AEX STN0523V	EUR											
Certificate	NL0012247746	AEX STN0523V	EUR	98,1500	98,3500	98,1500			98,3500					
Certificate	NL0012249775	AEX STN0723V	EUR											
Certificate	NL0012250179	AEX STN0723V	EUR											
Certificate	NL0010733770	AEX STN0920V	EUR											
Certificate	NL0012236442	AEX 55BON0619Z	EUR	5,3500	5,3900	5,3500			5,3900					
Certificate	NL0012236426	AEX 55BON1218Z	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	NL0012236459	AEX 58BON0619Z	EUR	5,3900	5,4600	5,3900			5,4600					
Certificate	NL0012236434	AEX 59BON1218Z	EUR	5,4400	5,5600	5,4400			5,5600					
Certificate	NL0012236467	AEX 65BON0619Z	EUR	5,3100	5,4600	5,3100	810,0000	1	5,4600	150				
Certificate	NL0012236566	AEX 0.9PRO0619Z	EUR	92,8500	93,2600	92,8500			93,2600					
Certificate	NL0012236525	AEX 0.9PRO0619Z	EUR	95,4500	96,1500	95,4500			96,1500					
Certificate	NL0011231717	AEX 155TL OPENH	EUR	35,8600	35,8800	35,8600	107,5800	1	35,8800	3				
Certificate	NL0009940188	AEX 194TL OPENB	EUR	32,2250	32,2250	32,2250			32,2250					
Certificate	NL0010010450	AEX 208TL OPENB	EUR	30,8730	30,8730	30,8730			30,8730					
Certificate	NL0010010476	AEX 215TL OPENB	EUR	30,1880	30,1880	30,1880			30,1880					
Certificate	NL0010010724	AEX 224TL OPENB	EUR	29,2680	29,2680	29,2680			29,2680					
Certificate	NL0010124681	AEX 228TL OPENB	EUR	28,9300	28,9300	28,9300			28,9300					
Certificate	NL0010174116	AEX 234TL OPENB	EUR	28,2610	28,2610	28,2610			28,2610					
Certificate	NL0010174124	AEX 238TL OPENB	EUR	27,9240	27,9240	27,9240			27,9240					
Certificate	NL0010174546	AEX 248TL OPENB	EUR	26,9310	26,9310	26,9310			26,9310					
Certificate	NL0010174587	AEX 251TL OPENB	EUR	26,5940	26,5940	26,5940			26,5940					
Certificate	NL0010174595	AEX 254TL OPENB	EUR	26,3090	26,3090	26,3090			26,3090					
Certificate	NL0010175048	AEX 257TL OPENB	EUR	26,0410	26,0410	26,0410			26,0410					
Certificate	NL0010175337	AEX 260TL OPENB	EUR	25,7140	25,7140	25,7140			25,7140					
Certificate	NL0011043310	AEX 263TL OPENH	EUR	25,2100	25,2100	25,2100			25,2100					
Certificate	NL0010175345	AEX 264TL OPENB	EUR	25,3780	25,3780	25,3780			25,3780					
Certificate	NL0010175410	AEX 267TL OPENB	EUR	25,0490	25,0490	25,0490			25,0490					
Certificate	NL0010251708	AEX 271TL OPENB	EUR	24,7170	24,7170	24,7170			24,7170					
Certificate	NL0010252250	AEX 277TL OPENB	EUR	24,0480	24,0480	24,0480			24,0480					
Certificate	NL0011043278	AEX 280TL OPENH	EUR	23,5300	23,5300	23,5300			23,5300					
Certificate	NL0010287892	AEX 284TL OPENB	EUR	22,8280	23,4430	22,8280	52162,9900	12	23,3930	2250				
Certificate	NL0010440947	AEX 287TL OPENB	EUR	23,0630	23,0630	23,0630			23,0630					
Certificate	NL0010441242	AEX 291TL OPENB	EUR	22,7310	22,7310	22,7310			22,7310					
Certificate	NL0010441259	AEX 294TL OPENB	EUR	22,4010	22,4010	22,4010			22,4010					
Certificate	NL0010441580	AEX 297TL OPENB	EUR	22,0810	22,0810	22,0810			22,0810					
Certificate	NL0010442232	AEX 307TL OPENB	EUR	21,0960	21,0960	21,0960			21,0960					
Certificate	NL0010442240	AEX 311TL OPENB	EUR	20,7750	20,7750	20,7750			20,7750					
Certificate	NL0010442687	AEX 314TL OPENB	EUR	20,4510	20,4510	20,4510			20,4510					
Certificate	NL0010145884	AEX 320TL OPENA	EUR											
Certificate	NL0010151932	AEX 322TL OPENA	EUR											
Certificate	NL0010515516	AEX 322TL OPENB	EUR	19,7030	19,7030	19,7030			19,7030					
Certificate	NL0010151940	AEX 324TL OPENA	EUR											
Certificate	NL0010515524	AEX 325TL OPENB	EUR	19,3940	19,3940	19,3940			19,3940					
Certificate	NL0010155776	AEX 326TL 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	NL0011594957	AEX 332TL OPENH	EUR	18,3900	18,3900	18,3900			18,3900					
Certificate	DE000CX0K9F0	AEX 333TL OPENC	EUR	21,3900	21,3900	21,3900			21,3900					
Certificate	NL0010891560	AEX 334TL OPENB	EUR	18,4820	18,4820	18,4820			18,4820					
Certificate	NL0010891586	AEX 339TL OPENB	EUR	18,0540	18,0540	18,0540			18,0540					
Certificate	NL0010891677	AEX 341TL OPENB	EUR	17,8390	17,8390	17,8390			17,8390					
Certificate	NL0010893897	AEX 343TL OPENB	EUR	17,6230	17,6230	17,6230			17,6230					
Certificate	NL0010893905	AEX 345TL OPENB	EUR	17,4070	17,4070	17,4070			17,4070					
Certificate	NL0011648399	AEX 352TL OPENB	EUR	16,6830	16,6830	16,6830			16,6830					
Certificate	NL0011649140	AEX 357TL OPENB	EUR	16,2810	16,2810	16,2810			16,2810					
Certificate	NL0011649157	AEX 359TL OPENB	EUR	16,0770	16,0770	16,0770			16,0770					
Certificate	NL0011649173	AEX 363TL OPENB	EUR	15,6700	15,6700	15,6700			15,6700					
Certificate	NL0011649199	AEX 367TL OPENB	EUR	15,2600	15,2600	15,2600			15,2600					
Certificate	NL0011649884	AEX 369TL OPENB	EUR	15,0570	15,0570	15,0570			15,0570					
Certificate	DE000CX00A09	AEX 369TL OPENC	EUR	17,7000	17,7000	17,7000			17,7000					
Certificate	NL0011649900	AEX 371TL OPENB	EUR	14,8520	14,8520	14,8520			14,8520					
Certificate	NL0011605696	AEX 373TL OPENH	EUR	14,3400	14,3400	14,3400			14,3400					
Certificate	NL0011650973	AEX 374TL OPENB	EUR	14,5410	14,5410	14,5410			14,5410					
Certificate	NL0011700752	AEX 375TL OPENH	EUR	14,1400	14,1400	14,1400			14,1400					
Certificate	DE000CW3ALZ7	AEX 380TL OPENC	EUR	16,9800	16,9800	16,9800			16,9800					
Certificate	NL0011654355	AEX 382TL OPENB	EUR	13,8320	13,8320	13,8320			13,8320					
Certificate	NL0011654371	AEX 386TL OPENB	EUR	13,4190	13,4190	13,4190			13,4190					
Certificate	NL0011817838	AEX 387TL OPENB	EUR	13,3200	13,3200	13,3200			13,3200					
Certificate	DE000CX00A09	AEX 390TL OPENC	EUR	15,1000	15,1000	15,1000			15,1000					
Certificate	DE000CJ3N690	AEX 392TL 1218Z	EUR	11,8520	11,8520	11,8520			11,8520					
Certificate	NL0011898721	AEX 393TL OPENB	EUR	12,7110	12,7110	12,7110			12,7110					
Certificate	NL0011901012	AEX 395TL OPENB	EUR	12,5120	12,5120	12,5120			12,5120					
Certificate	NL0011901020	AEX 396TL OPENB	EUR	12,4710	12,4760	12,4110	3741,3000	1	12,4110	300				
Certificate	DE000CX00BG8	AEX 400TL OPENC	EUR	14,4900	14,4900	14,4900			14,4900					
Certificate	NL0011905054	AEX 401TL OPENB	EUR	11,7590	11,9690	11,7490	881,9300	1	11,9690	75				
Certificate	NL0011926423	AEX 402TL OPENH	EUR	11,4700	11,4700	11,4700			11,4700					
Certificate	NL0011906920	AEX 404TL OPENB	EUR	11,6720	11,6720	11,6720			11,6720					
Certificate	NL0011906938	AEX 406TL OPENB	EUR	11,4710	11,4710	11,4710			11,4710					
Certificate	DE000CX00DD1	AEX 406TL OPENC	EUR	13,3600	13,3600	13,3600			13,3600					
Certificate	DE000CV8BBT9	AEX 408TL 1218Z	EUR	10,2540	10,2540	10,2540			10,2540					
Certificate	NL0011906953	AEX 410TL OPENB	EUR	11,0650	11,0650	11,0650			11,0650					
Certificate	DE000CX00KM7	AEX 411TL OPENC	EUR	13,2700	13,2700	13,2700			13,2700					
Certificate	DE000CX01XW7	AEX 412TL OPENC	EUR	12,1400	12,1400	12,1400			12,1400					
Certificate	DE000CX00KP0	AEX 413TL OPENC	EUR	12,9900	12,9900	12,9900			12,9900					
Certificate	NL0012016752	AEX 415TL OPENB	EUR	10,5060	10,5060	10,5060			10,5060					
Certificate	NL0012029011	AEX 420TL OPENB	EUR	10,0140	10,0140	10,0140			10,0140					
Certificate	DE000CX0KW94	AEX 420TL OPENC	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	DE000CV8AU78	AEX 424TL 1218Z	EUR	8,6530	8,6530	8,6530			8,6530					
Certificate	NL0012029946	AEX 424TL OPENB	EUR	9,7140	9,7140	9,7140			9,7140					
Certificate	LU1449143335	AEX 425TL 0133S	EUR											
Certificate	DE000CX01UB7	AEX 425TL OPENC	EUR											
Certificate	NL0012029953	AEX 426TL OPENB	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	NL0012031850	AEX 427TL OPENB	EUR	9,4170	9,4170	9,4170			9,4170					
Certificate	NL0012036867	AEX 428TL OPENB	EUR	9,2570	9,2570	9,2570			9,2570					
Certificate	LU1732548497	AEX 428TL OPENS	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	DE000CX0KYX9	AEX 430TL OPENC	EUR	9,7600	10,5400	9,7600	976,0000	1	10,5400	100				
Certificate	DE000CJ3PH03	AEX 432TL 1218Z	EUR	7,8520	7,8520	7,8520			7,8520					
Certificate	NL0013086028	AEX 432TL OPENH	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	NL0012036891	AEX 433TL OPENB	EUR	8,7530	8,7530	8,7530			8,7530					
Certificate	NL0012048870	AEX 434TL OPENH	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	NL0012038137	AEX 436TL OPENB	EUR	8,5030	8,5030	8,4530	850,3000	1	8,4530	100				
Certificate	DE000CX59FA8	AEX 436TL OPENC	EUR	8,6300	9,3300	8,6200	26990,0000	3	9,3300	3000				
Certificate	DE000CX0KYJ8	AEX 436TL OPENC	EUR	9,4900	9,4900	9,4900			9,4900					
Certificate	NL0013086010	AEX 436TL OPENH	EUR	8,1200	8,1200	8,1200			8,1200					
Certificate	NL0012038921	AEX 439TL OPENB	EUR	8,1800	8,1800	8,1500	8180,0000	1	8,1500	1000				
Certificate	DE000CV8A8L8	AEX 440TL 1218Z	EUR	7,0510	7,0510	7,0510			7,0510					
Certificate	DE000CX59HH9	AEX 440TL OPENC	EUR	8,9200	8,9200	8,9200			8,9200					
Certificate	DE000CX59F79	AEX 442TL OPENC	EUR											
Certificate	DE000CX59HK3	AEX 444TL OPENC	EUR	8,5100	8,5100	8,5100			8,5100					
Certificate	NL0012040216	AEX 446TL OPENB	EUR	6,7670	7,6180	6,7570	7327,7100	6	7,5530	1010				
Certificate	DE000CJ3N7A8	AEX 448TL 1218Z	EUR	6,2520	6,2520	6,2520			6,2520					
Certificate	NL0012099881	AEX 452TL OPENB	EUR	6,3080	6,9590	6,3030	1577,0000	1	6,9590	250				
Certificate	NL0012099899	AEX 453TL OPENB	EUR	6,8590	6,8590	6,8590			6,8590					
Certificate	DE000CX59WE5	AEX 454TL OPENC	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	NL0012100390	AEX 455TL OPENB	EUR	6,6630	6,7230	6,6580	1145,3700	2	6,6580	171				
Certificate	DE000CV8A9R3	AEX 456TL 1218Z	EUR	4,8730	5,4550	4,8730	1317,6500	2	5,4550	250				
Certificate	NL0012100408	AEX 456TL OPENB	EUR	6,5570	6,5570	6,5570			6,5570					
Certificate	DE000CX59XD5	AEX 456TL OPENC	EUR	7,7400	7,7400	7,7400			7,7400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012100705	AEX 457TL OPENB	EUR	6,1980	6,4590	6,1980	1084,6500	1	6,4590	175				
Certificate	DE000CX59X77	AEX 457TL OPENC	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	DE000CX595N2	AEX 458TS OPENC	EUR											
Certificate	DE000CX596J8	AEX 458TS OPENC	EUR											
Certificate	DE000CX592K5	AEX 460TL OPENC	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	DE000CX59XF0	AEX 460TL OPENC	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000CX594C8	AEX 460TS OPENC	EUR											
Certificate	DE000CX598F2	AEX 460TS OPENC	EUR											
Certificate	DE000CX59ZL3	AEX 461TL OPENC	EUR	6,0300	6,8100	6,0300	8442,0000	2	6,8100	1400				
Certificate	DE000CX59ZM1	AEX 462TL OPENC	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	DE000CY0AJJ9	AEX 463TL OPENC	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	DE000CV888Y0	AEX 464TL 1218Z	EUR	3,9610	4,6620	3,9610	3961,0000	1	4,6620	1000				
Certificate	DE000CX59XH6	AEX 464TL OPENC	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	DE000CY0AJK7	AEX 464TL OPENC	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	DE000CY0AKH1	AEX 465TL OPENC	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	DE000CX59ZN9	AEX 465TL OPENC	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	DE000CX59ZP4	AEX 466TL OPENC	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	DE000CY0AM05	AEX 469TL OPENC	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	DE000VA71VM3	AEX 469TL OPENV	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	DE000VA71UW4	AEX 470TL 0319V	EUR	3,9330	3,9330	3,9330			3,9330					
Certificate	NL0012110985	AEX 470TL OPENB	EUR	4,6150	5,1260	4,6150	40306,3800	3	5,1160	8675				
Certificate	DE000CY0AKK5	AEX 470TL OPENC	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000CY0AM21	AEX 471TL OPENC	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	DE000VA71VP6	AEX 471TL OPENV	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000VA71UX2	AEX 472TL 0319V	EUR	3,7460	3,7460	3,7460			3,7460					
Certificate	DE000CV8A9S1	AEX 472TL 1218Z	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	DE000CY0AM47	AEX 473TL OPENC	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	DE000CY0ANJ1	AEX 473TL OPENC	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000VA71VR2	AEX 473TL OPENV	EUR	4,8140	4,8140	4,8140			4,8140					
Certificate	DE000VA71UY0	AEX 474TL 0319V	EUR	3,5580	3,5580	3,5580			3,5580					
Certificate	DE000CY0AMS4	AEX 474TL OPENC	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	DE000VN6Y9U8	AEX 474TL OPENV	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	DE000CP07EX8	AEX 475TL 0319C	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	DE000CY0ANE2	AEX 475TL OPENC	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000VA71QV4	AEX 476TL 0319V	EUR	3,3720	3,3720	3,3720			3,3720					
Certificate	DE000CJ3PAN1	AEX 476TL 1218Z	EUR	3,4850	3,4850	3,4850			3,4850					
Certificate	DE000CY0ANL7	AEX 476TL OPENC	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000VA71RJ7	AEX 476TL OPENV	EUR	4,5170	4,5170	4,5170			4,5170					
Certificate	DE000CY0AW45	AEX 477TL OPENC	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	DE000CP07EW0	AEX 478TL 0319C	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	DE000VA71QW2	AEX 478TL 0319V	EUR	3,1870	3,1870	3,1870			3,1870					
Certificate	DE000CY0AWK0	AEX 478TL OPENC	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	DE000VA71RK5	AEX 478TL OPENV	EUR	4,3210	4,3210	4,3210			4,3210					
Certificate	DE000CY0AWF0	AEX 479TL OPENC	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000CP07EV2	AEX 480TL 0319C	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000VA71QX0	AEX 480TL 0319V	EUR	3,0020	3,0020	3,0020			3,0020					
Certificate	DE000CV8AKZ9	AEX 480TL 1218Z	EUR	3,0960	3,0960	3,0960			3,0960					
Certificate	DE000CY0AWG8	AEX 480TL OPENC	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	DE000CY0AWL8	AEX 480TL OPENC	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	DE000VAGEBF8	AEX 480TL OPENV	EUR	4,0590	4,0590	4,0590			4,0590					
Certificate	NL0012115927	AEX 481TL OPENB	EUR	3,4280	4,1740	3,4280	27103,2500	5	4,0280	7150				
Certificate	NL0013086002	AEX 481TL OPENH	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CP07EU4	AEX 482TL 0319C	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000VA71QY8	AEX 482TL 0319V	EUR	2,8180	2,8180	2,8180			2,8180					
Certificate	DE000CY0AWM6	AEX 482TL OPENC	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	DE000CY0AXA9	AEX 482TL OPENC	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	DE000CY165F9	AEX 482TL OPENC	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	LU1732548570	AEX 482TL OPENS	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000VAGEBG6	AEX 482TL OPENV	EUR	3,8630	3,8630	3,8630			3,8630					
Certificate	DE000VAGEBH4	AEX 483TL OPENV	EUR	3,7650	3,7650	3,7650			3,7650					
Certificate	DE000CP07ET6	AEX 484TL 0319C	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000VA71QZ5	AEX 484TL 0319V	EUR	2,6360	2,6360	2,6360			2,6360					
Certificate	DE000CJ3N7B6	AEX 484TL 1218Z	EUR	2,7110	2,7110	2,7110			2,7110					
Certificate	DE000CY165G7	AEX 484TL OPENC	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	DE000CY0AYD1	AEX 484TL OPENC	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	NL0012201032	AEX 484TL OPENH	EUR	2,5800	3,3800	2,5800	2193,0000	1	3,3800	850				
Certificate	DE000VAGEBJ0	AEX 484TL OPENV	EUR	3,6670	3,6670	3,6670			3,6670					
Certificate	DE000VA3ZYL0	AEX 485TL 1218V	EUR	2,6160	2,6160	2,6160			2,6160					
Certificate	DE000CY165H5	AEX 485TL OPENC	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	DE000CY0AYE9	AEX 485TL OPENC	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	NL0012201024	AEX 485TL OPENH	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	DE000VAGEBK8	AEX 485TL OPENV	EUR	3,5690	3,5690	3,5690			3,5690					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP07ES8	AEX 486TL 0319C	EUR	1,8900	2,5200	1,8900	1890,0000	1	2,5200	1000				
Certificate	DE000VA71Q09	AEX 486TL 0319V	EUR	2,4540	2,4540	2,4540			2,4540					
Certificate	DE000VA3ZYN6	AEX 486TL 1218V	EUR	2,5220	2,5220	2,5220			2,5220					
Certificate	DE000CY16553	AEX 486TL OPENC	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	DE000VA6EBL6	AEX 486TL OPENV	EUR	3,4710	3,4710	3,4710			3,4710					
Certificate	DE000VA3ZYQ9	AEX 487TL 1218V	EUR	2,4280	2,4280	2,4280			2,4280					
Certificate	NL0012116909	AEX 487TL OPENB	EUR	2,6670	3,5020	2,6570	79376,3000	11	3,4420	24650				
Certificate	DE000CY165J1	AEX 487TL OPENC	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000CY165B8	AEX 487TL OPENC	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000VA6EBM4	AEX 487TL OPENV	EUR	3,3720	3,3720	3,3720			3,3720					
Certificate	DE000CP07ER0	AEX 488TL 0319C	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	DE000VA71D65	AEX 488TL 0319V	EUR	2,2730	2,2730	2,2730			2,2730					
Certificate	DE000VA3ZY55	AEX 488TL 1218V	EUR	2,3340	2,3340	2,3340			2,3340					
Certificate	DE000CV8A9T9	AEX 488TL 1218Z	EUR	2,3290	2,3290	2,3290			2,3290					
Certificate	DE000CY165N3	AEX 488TL OPENC	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000V176GE7	AEX 488TL OPENV	EUR	4,0120	4,0120	4,0120			4,0120					
Certificate	DE000VA6EBN2	AEX 488TL OPENV	EUR	3,2740	3,2740	3,2740			3,2740					
Certificate	DE000VA3ZYU1	AEX 489TL 1218V	EUR	2,2410	2,2410	2,2410			2,2410					
Certificate	DE000CY165Q6	AEX 489TL OPENC	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	DE000VA6EBP7	AEX 489TL OPENV	EUR	3,1760	3,1760	3,1760			3,1760					
Certificate	DE000CP06R61	AEX 490TL 0319C	EUR	1,6700	2,2700	1,6100	5291,6200	6	2,1600	2504				
Certificate	DE000VA77CH8	AEX 490TL 0319V	EUR	2,0930	2,0930	2,0930			2,0930					
Certificate	DE000VA3ZYW7	AEX 490TL 1218V	EUR	2,1480	2,1480	2,1480			2,1480					
Certificate	DE000CY165K9	AEX 490TL OPENC	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	DE000VA6EBQ5	AEX 490TL OPENV	EUR	3,0780	3,0780	3,0780			3,0780					
Certificate	DE000VA3ZYY3	AEX 491TL 1218V	EUR	2,0550	2,0550	2,0550			2,0550					
Certificate	DE000CY165L7	AEX 491TL OPENC	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	DE000CY165S2	AEX 491TL OPENC	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000VA6EBR3	AEX 491TL OPENV	EUR	2,9790	2,9790	2,9790			2,9790					
Certificate	DE000CP07EQ2	AEX 492TL 0319C	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000VA77CL0	AEX 492TL 0319V	EUR	1,9160	1,9160	1,9160			1,9160					
Certificate	DE000VA3ZY09	AEX 492TL 1218V	EUR	1,9610	1,9610	1,9610			1,9610					
Certificate	DE000CJ3N260	AEX 492TL 1218Z	EUR	1,4220	2,0940	1,3390	43595,2300	20	1,9500	22446				
Certificate	DE000CY165W4	AEX 492TL OPENC	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000VA3ZY25	AEX 493TL 1218V	EUR	1,8690	1,8690	1,8690			1,8690					
Certificate	DE000CY16A42	AEX 493TL OPENC	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	DE000CY165X2	AEX 493TL OPENC	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	DE000CP07EP4	AEX 494TL 0319C	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000VA77CM8	AEX 494TL 0319V	EUR	1,7390	1,7390	1,7390			1,7390					
Certificate	DE000VA3ZY41	AEX 494TL 1218V	EUR	1,7780	1,7780	1,7780			1,7780					
Certificate	DE000CJ3PH11	AEX 494TL 1218Z	EUR	1,7620	1,7620	1,7620			1,7620					
Certificate	DE000CY16A00	AEX 494TL OPENC	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	NL0011806435	AEX 495OC1218B	EUR	4,8800	4,9300	4,8800			4,9300					
Certificate	DE000CP06R53	AEX 495TL 0319C	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000VA3ZY66	AEX 495TL 1218V	EUR	1,6860	1,6860	1,6860			1,6860					
Certificate	DE000CY16A59	AEX 495TL OPENC	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	DE000CY16A18	AEX 495TL OPENC	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000CP07EN9	AEX 496TL 0319C	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000VA7PW25	AEX 496TL 0319V	EUR	0,9310	1,6520	0,9310	281,6000	3	1,5640	228				
Certificate	DE000VA3ZY82	AEX 496TL 1218V	EUR	1,5960	1,5960	1,5960			1,5960					
Certificate	DE000CV8A9U7	AEX 496TL 1218Z	EUR	0,9410	1,5750	0,9390	4907,0000	3	1,5750	5000				
Certificate	DE000VA3ZZA0	AEX 497TL 1218V	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000CY16A67	AEX 497TL OPENC	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	DE000CP07EM1	AEX 498TL 0319C	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000VA7PW41	AEX 498TL 0319V	EUR	1,4000	1,4000	1,3910	210,0000	1	1,3910	150				
Certificate	DE000VA3ZZC6	AEX 498TL 1218V	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000CJ3PA66	AEX 498TL 1218Z	EUR											
Certificate	DE000CY16DQ7	AEX 498TL OPENC	EUR	2,9200	3,0200	2,9200	73,0000	1	3,0200	25				
Certificate	DE000VA3ZZE2	AEX 499TL 1218V	EUR	1,3260	1,3260	1,3260			1,3260					
Certificate	DE000CY16A91	AEX 499TL OPENC	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CY16DR5	AEX 499TL OPENC	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000V176CT4	AEX 499TL OPENV	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	DE000CP06R46	AEX 500TL 0319C	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000VA7PW58	AEX 500TL 0319V	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CP06LJ4	AEX 500TL 1218C	EUR	0,6100	1,4400	0,6000	33092,3700	18	1,2700	31544				
Certificate	DE000VA3ZZG7	AEX 500TL 1218V	EUR	1,2360	1,2360	1,2360			1,2360					
Certificate	DE000CV8BBU7	AEX 500TL 1218Z	EUR											
Certificate	DE000CY16DS3	AEX 500TL OPENC	EUR	2,0400	2,8500	2,0300	2399,3200	5	2,8200	998				
Certificate	DE000V176CU2	AEX 500TL OPENV	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000CP06R38	AEX 501TL 0319C	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000VA71U08	AEX 501TL 0319V	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	DE000VA3ZZJ1	AEX 501TL 1218V	EUR	0,5180	1,2010	0,5080	5801,8000	8	1,1480	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	DE000CY16E30	AEX 501TL OPENC	EUR	2,7800	3,2600	2,7600	824,5400	3	3,1200	273				
Certificate	DE000CY16DT1	AEX 501TL OPENC	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000V176CV0	AEX 501TL OPENV	EUR	2,7620	2,7620	2,7620			2,7620					
Certificate	DE000V19VX62	AEX 501TL OPENV	EUR	2,6650	2,6650	2,6650			2,6650					
Certificate	DE000VA7PPT3	AEX 502TL 0319V	EUR	1,0510	1,0510	1,0510			1,0510					
Certificate	DE000CP06LK2	AEX 502TL 1218C	EUR	0,3400	1,0800	0,3400	1071,3400	6	1,0800	1401				
Certificate	DE000VA3Z2L7	AEX 502TL 1218V	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	DE000CJ3N7C4	AEX 502TL 1218Z	EUR	0,2920	1,1780	0,2920	6348,3300	11	1,0270	7450				
Certificate	DE000CP06R20	AEX 503TL 0319C	EUR	1,1100	1,1100	1,0000	111,0000	1	1,0000	100				
Certificate	DE000VA71UV6	AEX 503TL 0319V	EUR	0,9660	0,9660	0,9660			0,9660					
Certificate	DE000VA3Z2N3	AEX 503TL 1218V	EUR	0,3310	1,1050	0,3310	1105,0800	9	0,9720	1450				
Certificate	DE000CY16DV7	AEX 503TL OPENC	EUR	1,7400	2,7200	1,6900	28756,7600	92	2,5100	12846				
Certificate	DE000CY16HH7	AEX 503TL OPENC	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	NL0012437578	AEX 503TL OPENH	EUR	0,6900	1,6500	0,6900	74879,3200	13	1,4900	54694				
Certificate	DE000V176CW8	AEX 503TL OPENV	EUR	2,5640	2,5640	2,5640			2,5640					
Certificate	DE000V176PI7	AEX 503TL OPENV	EUR	2,4720	2,4720	2,4720			2,4720					
Certificate	DE000VA7PPW7	AEX 504TL 0319V	EUR	0,0790	1,0170	0,0580	8095,0800	8	0,8735	13480				
Certificate	DE000VA3Z2Q6	AEX 504TL 1218V	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	DE000CV8A9V5	AEX 504TL 1218Z	EUR	0,1520	1,0010	0,0830	40495,4800	43	0,8470	50215				
Certificate	DE000CP06R12	AEX 505TL 0319C	EUR											
Certificate	DE000CP06LL0	AEX 505TL 1218C	EUR											
Certificate	DE000VA3Z2S2	AEX 505TL 1218V	EUR											
Certificate	DE000CY16HJ3	AEX 505TL OPENC	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CY16HC8	AEX 505TL OPENC	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	LU1732547176	AEX 505TL OPENS	EUR											
Certificate	DE000V161QM1	AEX 505TL OPENV	EUR	2,3620	2,3620	2,3620			2,3620					
Certificate	DE000VN66F12	AEX 505TL OPENV	EUR	2,6610	2,6610	2,6610			2,6610					
Certificate	DE000VA7PPZ0	AEX 506TL 0319V	EUR											
Certificate	DE000VA3Z2U8	AEX 506TL 1218V	EUR											
Certificate	DE000CJ3PBQ2	AEX 506TL 1218Z	EUR											
Certificate	DE000CY515W0	AEX 506TL OPENC	EUR	0,6400	1,4200	0,6100	51,4400	3	1,4200	67				
Certificate	DE000CY50EC4	AEX 506TL OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CY16N05	AEX 506TL OPENC	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	DE000CY16HD6	AEX 506TL OPENC	EUR	1,4600	2,3600	1,4500	378,1800	2	2,2200	198				
Certificate	DE000CY16MW6	AEX 506TL OPENC	EUR	1,4900	2,2200	1,4800	24814,3000	11	2,1900	12070				
Certificate	DE000CY515L3	AEX 506TL OPENC	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000V161QN9	AEX 506TL OPENV	EUR	2,2630	2,2630	2,2630			2,2630					
Certificate	DE000CP06R04	AEX 507TL 0319C	EUR											
Certificate	DE000VA71WU4	AEX 507TL 0319V	EUR											
Certificate	DE000VA3Z2W4	AEX 507TL 1218V	EUR											
Certificate	DE000CY515X8	AEX 507TL OPENC	EUR	0,5400	1,3200	0,5400	372,0000	2	1,3200	400				
Certificate	DE000CY515M1	AEX 507TL OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CY16MX4	AEX 507TL OPENC	EUR	1,3100	2,0900	1,3100	393,0000	1	2,0900	300				
Certificate	DE000V161QP4	AEX 507TL OPENV	EUR	2,1640	2,1640	2,1640			2,1640					
Certificate	DE000VN66F38	AEX 507TL OPENV	EUR	2,4580	2,4580	2,4580			2,4580					
Certificate	DE000VA7PP24	AEX 508TL 0319V	EUR											
Certificate	DE000CP06LM8	AEX 508TL 1218C	EUR											
Certificate	DE000VA3ZTP1	AEX 508TL 1218V	EUR											
Certificate	DE000CV8B8Z7	AEX 508TL 1218Z	EUR											
Certificate	DE000CY515Y6	AEX 508TL OPENC	EUR	0,4300	1,2900	0,4300	1432,2000	6	1,2100	1529				
Certificate	DE000CY50IE9	AEX 508TL OPENC	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CY16N13	AEX 508TL OPENC	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	DE000CY515N9	AEX 508TL OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0012573257	AEX 508TL OPENH	EUR											
Certificate	DE000V161QS8	AEX 508TL OPENV	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000V161QQ2	AEX 508TL OPENV	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	DE000CP06QZ9	AEX 509TL 0319C	EUR											
Certificate	DE000VA71QU6	AEX 509TL 0319V	EUR											
Certificate	DE000VA3Z2X2	AEX 509TL 1218V	EUR											
Certificate	DE000CY519A8	AEX 509TL OPENC	EUR	0,4400	1,2300	0,4300	1209,0000	4	1,1300	1100				
Certificate	DE000CY16QE5	AEX 509TL OPENC	EUR	1,5800	1,9000	1,5800	102,7000	1	1,9000	65				
Certificate	DE000CY515P4	AEX 509TL OPENC	EUR	0,8000	1,5000	0,8000	1745,4000	6	1,5000	1316				
Certificate	DE000V161QT6	AEX 509TL OPENV	EUR	1,0630	1,0630	1,0630			1,0630					
Certificate	DE000V176PK5	AEX 509TL OPENV	EUR	1,8790	1,8790	1,8790			1,8790					
Certificate	DE000V161QR0	AEX 509TL OPENV	EUR	1,9660	1,9660	1,9660			1,9660					
Certificate	DE000CP06QY2	AEX 510TL 0319C	EUR											
Certificate	DE000VA7PP65	AEX 510TL 0319V	EUR											
Certificate	DE000CP06LN6	AEX 510TL 1218C	EUR											
Certificate	DE000VA3ZTQ9	AEX 510TL 1218V	EUR											
Certificate	DE000CJ3PDU0	AEX 510TL 1218Z	EUR											
Certificate	DE000CY16QL0	AEX 510TL OPENC	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CY515Q2	AEX 510TL OPENC	EUR	1,4000	1,4000	1,4000			1,4000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CY16QQ9	AEX 510TL OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CY16N21	AEX 510TL OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CY16R19	AEX 510TL OPENC	EUR	1,8500	2,0800	1,8500	379,2500	1	2,0800					
Certificate	DE000CY19B6	AEX 510TL OPENC	EUR	0,3400	1,2100	0,3000	123337,0600	34	1,0300	205				
Certificate	DE000VL37N44	AEX 510TL OPENV	EUR	1,8600	1,8600	1,8600			1,8600	149053				
Certificate	DE000VL95SR1	AEX 510TL OPENV	EUR											
Certificate	DE000CP06QX4	AEX 511TL 0319C	EUR											
Certificate	DE000VA3Z208	AEX 511TL 1218V	EUR											
Certificate	DE000CY519C4	AEX 511TL OPENC	EUR	0,4200	1,1000	0,4200	15469,8500	37	0,9300	19720				
Certificate	DE000CY515R0	AEX 511TL OPENC	EUR	0,6200	1,3000	0,6200	47,6600	2	1,3000	76				
Certificate	DE000VL37N51	AEX 511TL OPENV	EUR											
Certificate	DE000VA7PP99	AEX 512TL 0319V	EUR											
Certificate	DE000CP06LP1	AEX 512TL 1218C	EUR											
Certificate	DE000VA3ZTR7	AEX 512TL 1218V	EUR											
Certificate	DE000CJ3PDV8	AEX 512TL 1218Z	EUR											
Certificate	DE000CY519D2	AEX 512TL OPENC	EUR											
Certificate	DE000CY515S8	AEX 512TL OPENC	EUR											
Certificate	DE000VL37N69	AEX 512TL OPENV	EUR											
Certificate	DE000CP07CK9	AEX 513TL 0319C	EUR											
Certificate	DE000VA8FSG3	AEX 513TL 0319V	EUR											
Certificate	DE000CY51816	AEX 513TL OPENC	EUR											
Certificate	DE000CP07CV6	AEX 513TL OPENC	EUR											
Certificate	DE000CP07D58	AEX 513TL OPENC	EUR											
Certificate	DE000CY519E0	AEX 513TL OPENC	EUR											
Certificate	DE000VL37N77	AEX 513TL OPENV	EUR											
Certificate	DE000CP07CL7	AEX 514TL 0319C	EUR											
Certificate	DE000VA71Y25	AEX 514TL 0319V	EUR											
Certificate	DE000VA71YA2	AEX 514TL 1218V	EUR											
Certificate	DE000CJ3PGF4	AEX 514TL 1218Z	EUR											
Certificate	DE000CP07D66	AEX 514TL OPENC	EUR											
Certificate	DE000CP07CW4	AEX 514TL OPENC	EUR											
Certificate	DE000CY51915	AEX 514TL OPENC	EUR											
Certificate	DE000CY519P6	AEX 514TL OPENC	EUR											
Certificate	LU1732547259	AEX 514TL OPENS	EUR											
Certificate	DE000VL37N85	AEX 514TL OPENV	EUR											
Certificate	DE000VA71Y66	AEX 514TL OPENV	EUR											
Certificate	DE000CP07CM5	AEX 515TL 0319C	EUR											
Certificate	DE000VA710U6	AEX 515TL 0319V	EUR											
Certificate	DE000CP07CX2	AEX 515TL OPENC	EUR											
Certificate	DE000CP07D74	AEX 515TL OPENC	EUR											
Certificate	DE000CQ5AER2	AEX 515TL OPENC	EUR											
Certificate	DE000CQ5A2Z4	AEX 515TL OPENC	EUR											
Certificate	DE000VA1SRP4	AEX 515TL OPENV	EUR											
Certificate	DE000VL76H28	AEX 515TL OPENV	EUR											
Certificate	DE000VL37N93	AEX 515TL OPENV	EUR											
Certificate	DE000CP07EL3	AEX 515TS OPENC	EUR											
Certificate	NL0013087158	AEX 515TS OPENH	EUR											
Certificate	DE000CP07CN3	AEX 516TL 0319C	EUR											
Certificate	DE000VA71Y33	AEX 516TL 0319V	EUR											
Certificate	DE000VA71YB0	AEX 516TL 1218V	EUR											
Certificate	DE000CQ5AEX0	AEX 516TL OPENC	EUR											
Certificate	DE000CQ5AES0	AEX 516TL OPENC	EUR											
Certificate	DE000CP07D82	AEX 516TL OPENC	EUR											
Certificate	DE000CP07CY0	AEX 516TL OPENC	EUR											
Certificate	DE000VA1SR41	AEX 516TL OPENV	EUR											
Certificate	DE000VL95SU5	AEX 516TL OPENV	EUR											
Certificate	DE000VA71Y74	AEX 516TL OPENV	EUR											
Certificate	NL0013087141	AEX 516TS OPENH	EUR	1,8200	1,8200	0,9500	5229,0000	7	1,0700	4700				
Certificate	DE000CP07CP8	AEX 517TL 0319C	EUR											
Certificate	DE000VA710V4	AEX 517TL 0319V	EUR											
Certificate	DE000CQ5AEY8	AEX 517TL OPENC	EUR											
Certificate	DE000CP07D90	AEX 517TL OPENC	EUR											
Certificate	DE000CQ5AET8	AEX 517TL OPENC	EUR											
Certificate	DE000CP07CZ7	AEX 517TL OPENC	EUR											
Certificate	DE000VL953U0	AEX 517TL OPENV	EUR											
Certificate	DE000CP07EK5	AEX 517TS OPENC	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	NL0013087133	AEX 517TS OPENH	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CP07CQ6	AEX 518TL 0319C	EUR											
Certificate	DE000VA71Y41	AEX 518TL 0319V	EUR											
Certificate	DE000VA71YC8	AEX 518TL 1218V	EUR											
Certificate	DE000CQ5AEZ5	AEX 518TL OPENC	EUR											
Certificate	DE000CP07D09	AEX 518TL 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	DE000CQ5AEU6	AEX 518TL OPENC	EUR											
Certificate	DE000CP07DA8	AEX 518TL OPENC	EUR											
Certificate	DE000VL9S5S9	AEX 518TL OPENV	EUR											
Certificate	DE000VA71Y82	AEX 518TL OPENV	EUR											
Certificate	NL0013087125	AEX 518TS OPENH	EUR	1,5200	1,5200	1,2700	912,0000	1	1,2700	600				
Certificate	DE000CP07CR4	AEX 519TL 0319C	EUR											
Certificate	DE000CP07D17	AEX 519TL OPENC	EUR											
Certificate	DE000CP07DB6	AEX 519TL OPENC	EUR											
Certificate	DE000CQ5AF05	AEX 519TL OPENC	EUR											
Certificate	DE000CQ5AFH0	AEX 519TL OPENC	EUR											
Certificate	LU1732547333	AEX 519TL OPENS	EUR											
Certificate	NL0013087117	AEX 519TS OPENH	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CP07CS2	AEX 520TL 0319C	EUR											
Certificate	DE000VA71YJ3	AEX 520TL 0319V	EUR											
Certificate	DE000VA71YD6	AEX 520TL 1218V	EUR											
Certificate	DE000CJ3PD29	AEX 520TL 1218Z	EUR											
Certificate	DE000CP07D25	AEX 520TL OPENC	EUR											
Certificate	DE000CQ5AGP1	AEX 520TL OPENC	EUR											
Certificate	DE000CQ5AF13	AEX 520TL OPENC	EUR											
Certificate	DE000CP07DC4	AEX 520TL OPENC	EUR											
Certificate	DE000VA71Y90	AEX 520TL OPENV	EUR											
Certificate	DE000CP07EC2	AEX 520TS 0319C	EUR	0,9400	1,0700	0,9400	188,0000	1	1,0700	200				
Certificate	DE000CP07EJ7	AEX 520TS OPENC	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CP07DZ5	AEX 520TS OPENC	EUR	1,5000	1,5000	0,9100	4309,0000	7	0,9100	4400				
Certificate	NL0013087109	AEX 520TS OPENH	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000CP07CT0	AEX 521TL 0319C	EUR											
Certificate	DE000VA71YM7	AEX 521TL 0319V	EUR											
Certificate	DE000CP07DD2	AEX 521TL OPENC	EUR											
Certificate	DE000CP07D33	AEX 521TL OPENC	EUR											
Certificate	DE000CP07DY8	AEX 521TS OPENC	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	NL0013087091	AEX 521TS OPENH	EUR	1,4700	1,8000	1,4700	32700,0000	2	1,5800	20000				
Certificate	DE000CP07CU8	AEX 522TL 0319C	EUR											
Certificate	DE000VA71YQ8	AEX 522TL 0319V	EUR											
Certificate	DE000VA71YF1	AEX 522TL 1218V	EUR											
Certificate	DE000CP07DE0	AEX 522TL OPENC	EUR											
Certificate	DE000CP07D41	AEX 522TL OPENC	EUR											
Certificate	DE000VA71ZB7	AEX 522TL OPENV	EUR											
Certificate	DE000CP07EB4	AEX 522TS 0319C	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CP07DX0	AEX 522TS OPENC	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0013087083	AEX 522TS OPENH	EUR	1,8200	1,8600	1,6500	5260,0000	6	1,6800	3000				
Certificate	DE000VA8FWP6	AEX 522TS OPENV	EUR	2,0930	2,0930	2,0930			2,0930					
Certificate	DE000CP07DF7	AEX 523TL OPENC	EUR											
Certificate	DE000CP07DW2	AEX 523TS OPENC	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CP07EH1	AEX 523TS OPENC	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	NL0013087075	AEX 523TS OPENH	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000CP07DG5	AEX 524TL OPENC	EUR											
Certificate	DE000VA71ZE1	AEX 524TL OPENV	EUR											
Certificate	DE000CJ3PDA2	AEX 524TL OPENZ	EUR											
Certificate	DE000CP06VX4	AEX 524TS 0319C	EUR											
Certificate	DE000CP07EA6	AEX 524TS 0319C	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000VA8FU85	AEX 524TS 0319V	EUR	1,6010	1,6010	1,6010			1,6010					
Certificate	DE000VA8FWY8	AEX 524TS 1218V	EUR	1,5270	1,5270	1,5270			1,5270					
Certificate	DE000CJ3PH29	AEX 524TS 1218Z	EUR	1,4320	1,4320	1,4320			1,4320					
Certificate	DE000CP07DV4	AEX 524TS OPENC	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	DE000CP06VV8	AEX 524TS OPENC	EUR											
Certificate	NL0013087067	AEX 524TS OPENH	EUR	2,6800	2,6800	1,8800	1608,0000	1	1,8800	600				
Certificate	DE000VA8FWR2	AEX 524TS OPENV	EUR	2,2970	2,2970	2,2970			2,2970					
Certificate	DE000CP07DH3	AEX 525TL OPENC	EUR											
Certificate	DE000CP07EG3	AEX 525TS OPENC	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CP06TJ7	AEX 525TS OPENC	EUR											
Certificate	DE000CP06VU0	AEX 525TS OPENC	EUR											
Certificate	DE000CP07DU6	AEX 525TS OPENC	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0013087059	AEX 525TS OPENH	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CP07DJ9	AEX 526TL OPENC	EUR											
Certificate	DE000CP06VW6	AEX 526TS 0319C	EUR											
Certificate	DE000CP07E32	AEX 526TS 0319C	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000VA8FVC6	AEX 526TS 0319V	EUR	1,8190	1,8190	1,8190			1,8190					
Certificate	DE000VA8FWZ5	AEX 526TS 1218V	EUR	1,7360	1,7360	1,7360			1,7360					
Certificate	DE000CJ3PH37	AEX 526TS 1218Z	EUR	1,6410	1,6410	1,6410			1,6410					
Certificate	DE000CP07DT8	AEX 526TS OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CP06VT2	AEX 526TS OPENC	EUR											
Certificate	NL0013087042	AEX 526TS OPENH	EUR	2,0800	2,0800	2,0800			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	DE000VA8FWS0	AEX 526TS OPENV	EUR	2,5010	2,5010	2,5010			2,5010					
Certificate	DE000CP07DK7	AEX 527TL OPENC	EUR											
Certificate	DE000CP07DS0	AEX 527TS OPENC	EUR	1,9800	1,9800	1,4300	1799,0000	3	1,6000	980				
Certificate	DE000CP06VS4	AEX 527TS OPENC	EUR											
Certificate	DE000CP07EF5	AEX 527TS OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	NL0013087034	AEX 527TS OPENH	EUR	2,2000	2,2000	2,1800	2190,0000	2	2,1800	1000				
Certificate	DE000VA71VL5	AEX 527TS OPENV	EUR											
Certificate	DE000CP07DL5	AEX 528TL OPENC	EUR											
Certificate	DE000CP06VR6	AEX 528TS 0319C	EUR											
Certificate	DE000CP07E24	AEX 528TS 0319C	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000VA8FVG7	AEX 528TS 0319V	EUR	2,0340	2,0340	2,0340			2,0340					
Certificate	DE000VA8FW00	AEX 528TS 1218V	EUR	1,9430	1,9430	1,9430			1,9430					
Certificate	DE000CJ3PH45	AEX 528TS 1218Z	EUR	1,8480	1,8480	1,8480			1,8480					
Certificate	DE000CP06VQ8	AEX 528TS OPENC	EUR											
Certificate	DE000CP07DR2	AEX 528TS OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	NL0013087026	AEX 528TS OPENH	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	DE000VA8FWT8	AEX 528TS OPENV	EUR	2,7060	2,7060	2,7060			2,7060					
Certificate	DE000CP06QM7	AEX 529TL 0319C	EUR											
Certificate	LU1784827005	AEX 529TL OPENS	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000CP06VP0	AEX 529TS OPENC	EUR											
Certificate	DE000CP07DQ4	AEX 529TS OPENC	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	NL0013087018	AEX 529TS OPENH	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000VA71RA6	AEX 529TS OPENV	EUR											
Certificate	DE000CQ5BQ52	AEX 530TL 1218C	EUR											
Certificate	DE000CP07E16	AEX 530TS 0319C	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	DE000CP06TA6	AEX 530TS 0319C	EUR											
Certificate	DE000VA8FVK9	AEX 530TS 0319V	EUR	2,2480	2,2480	2,2480			2,2480					
Certificate	DE000VA8FW18	AEX 530TS 1218V	EUR	2,1490	2,1490	2,1490			2,1490					
Certificate	DE000CJ3PH52	AEX 530TS 1218Z	EUR	2,0560	2,0560	2,0560			2,0560					
Certificate	DE000CP06TH1	AEX 530TS OPENC	EUR											
Certificate	DE000CP07DP6	AEX 530TS OPENC	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	DE000CP07EE8	AEX 530TS OPENC	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000CP06T44	AEX 530TS OPENC	EUR											
Certificate	NL0013085996	AEX 530TS OPENH	EUR	3,2100	3,2100	2,4500	16992,2500	10	2,4800	6525				
Certificate	DE000VA8FWU6	AEX 530TS OPENV	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CP06T36	AEX 531TS OPENC	EUR											
Certificate	DE000CP07DN1	AEX 531TS OPENC	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	NL0013085210	AEX 531TS OPENH	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	DE000VA71RB4	AEX 531TS OPENV	EUR											
Certificate	DE000CJ3N554	AEX 531TS OPENZ	EUR											
Certificate	DE000CP06T93	AEX 532TS 0319C	EUR											
Certificate	DE000CP07E08	AEX 532TS 0319C	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000VA8FVM5	AEX 532TS 0319V	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000VA8FW26	AEX 532TS 1218V	EUR	2,3530	2,3530	2,3530			2,3530					
Certificate	DE000CJ3PH60	AEX 532TS 1218Z	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000CP06TG3	AEX 532TS OPENC	EUR											
Certificate	DE000CP07DM3	AEX 532TS OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CP06T28	AEX 532TS OPENC	EUR											
Certificate	NL0013085988	AEX 532TS OPENH	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	DE000VA8FWV4	AEX 532TS OPENV	EUR	3,1140	3,1140	3,1140			3,1140					
Certificate	DE000CP07ED0	AEX 533TS OPENC	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000CP06T10	AEX 533TS OPENC	EUR											
Certificate	NL0013085970	AEX 533TS OPENH	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000VA71RC2	AEX 533TS OPENV	EUR											
Certificate	DE000VA71Q41	AEX 534TS 0319V	EUR	3,4930	3,4930	2,5600	3365,0100	6	2,6700	1220				
Certificate	DE000VA71QN1	AEX 534TS 1218V	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	DE000CJ3PH78	AEX 534TS 1218Z	EUR	2,4660	2,4660	2,4660			2,4660					
Certificate	DE000CP06T02	AEX 534TS OPENC	EUR	3,0700	3,0700	2,0500	17570,2100	10	2,2500	7567				
Certificate	NL0013081284	AEX 534TS OPENH	EUR	2,9000	2,9400	2,8300	5951,6000	4	2,8800	2060				
Certificate	DE000CP06T85	AEX 535TS 0319C	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000CP06SZ5	AEX 535TS OPENC	EUR	3,1100	3,1100	2,3500	3110,0000	1	2,3500	1000				
Certificate	DE000CP06TF5	AEX 535TS OPENC	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	NL0013081276	AEX 535TS OPENH	EUR	3,1700	3,1700	2,9800	4565,0000	2	2,9800	1500				
Certificate	DE000VA71RD0	AEX 535TS OPENV	EUR	3,3790	3,3790	3,3790			3,3790					
Certificate	DE000CQ5ANH4	AEX 536TL OPENC	EUR											
Certificate	DE000VA71Q58	AEX 536TS 0319V	EUR	2,8780	2,8780	2,8780			2,8780					
Certificate	DE000VA71QP6	AEX 536TS 1218V	EUR	2,7560	2,7560	2,7560			2,7560					
Certificate	DE000CJ3PGG2	AEX 536TS 1218Z	EUR	2,6680	2,6680	2,6680			2,6680					
Certificate	DE000CP06SY8	AEX 536TS OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	NL0013081268	AEX 536TS OPENH	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000CQ5ANJ0	AEX 537TL OPENC	EUR											
Certificate	DE000CQ5ANCS	AEX 537TL 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	DE000VA8FSK5	AEX 537TS 0319V	EUR	2,9810	2,9810	2,9810			2,9810					
Certificate	DE000CP06SX0	AEX 537TS OPENC	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	NL0013081250	AEX 537TS OPENH	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	DE000VA71RE8	AEX 537TS OPENV	EUR	3,5830	3,5830	3,5830			3,5830					
Certificate	DE000CP06T77	AEX 538TS 0319C	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000VA71Q66	AEX 538TS 0319V	EUR	3,0840	3,0840	3,0840			3,0840					
Certificate	DE000VA71QQ4	AEX 538TS 1218V	EUR	2,9560	2,9560	2,9560			2,9560					
Certificate	DE000CJ3PD98	AEX 538TS 1218Z	EUR	2,8710	2,8710	2,8710			2,8710					
Certificate	DE000CP06TE8	AEX 538TS OPENC	EUR	3,0100	3,0700	3,0100	511,7000	1	3,0700	170				
Certificate	DE000CP06SW2	AEX 538TS OPENC	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0013081243	AEX 538TS OPENH	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	LU1784827187	AEX 539TL OPENS	EUR	0,0900	0,0900	0,0900			0,0900					
Certificate	DE000VA710Y8	AEX 539TS 0319V	EUR	3,1880	3,1880	3,1880			3,1880					
Certificate	NL0013081235	AEX 539TS OPENH	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	DE000VA71RF5	AEX 539TS OPENV	EUR	3,7870	3,7870	3,7870			3,7870					
Certificate	NL0012648612	AEX 540BON0619Z	EUR	52,8000	53,2300	52,8000			53,2300					
Certificate	NL0012648604	AEX 540BON1218Z	EUR	53,5100	53,7700	53,5100			53,7700					
Certificate	NL0012648638	AEX 540BON1219Z	EUR	52,6600	53,1200	52,6600			53,1200					
Certificate	DE000CP06T69	AEX 540TS 0319C	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000VA71Q74	AEX 540TS 0319V	EUR	3,2910	3,2910	3,2910			3,2910					
Certificate	DE000VA71QR2	AEX 540TS 1218V	EUR	3,1560	3,1560	3,1560			3,1560					
Certificate	DE000CJ3N8R0	AEX 540TS 1218Z	EUR	3,0710	3,0710	3,0710			3,0710					
Certificate	DE000CP06SU6	AEX 540TS OPENC	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	DE000CP06TD0	AEX 540TS OPENC	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	NL0013081227	AEX 540TS OPENH	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	LU1732547689	AEX 540TS OPENS	EUR											
Certificate	DE000CP06ST8	AEX 541TS OPENC	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	NL0013079940	AEX 541TS OPENH	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	DE000VA71RG3	AEX 541TS OPENV	EUR	3,9910	3,9910	3,9910			3,9910					
Certificate	DE000CP06T51	AEX 542TS 0319C	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	DE000VA71Q82	AEX 542TS 0319V	EUR	3,4960	3,4960	3,4960			3,4960					
Certificate	DE000VA71QS0	AEX 542TS 1218V	EUR	3,3540	3,3540	3,3540			3,3540					
Certificate	DE000CJ3N7H3	AEX 542TS 1218Z	EUR	3,2730	3,2730	3,2730			3,2730					
Certificate	DE000CP06SS0	AEX 542TS OPENC	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000CP06TC2	AEX 542TS OPENC	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	NL0013079932	AEX 542TS OPENH	EUR	3,6000	3,6800	3,5000	21350,0000	5	3,6800	6000				
Certificate	LU1840959479	AEX 543TPIOPENS	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000CP06SR2	AEX 543TS OPENC	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000VA71RH1	AEX 543TS OPENV	EUR	4,1950	4,1950	4,1950			4,1950					
Certificate	DE000VA3TKW9	AEX 544TL OPENV	EUR											
Certificate	DE000VA71Q90	AEX 544TS 0319V	EUR	3,6990	3,6990	3,6990			3,6990					
Certificate	DE000VA71QT8	AEX 544TS 1218V	EUR	3,5520	3,5520	3,5520			3,5520					
Certificate	DE000CJ3PD07	AEX 544TS 1218Z	EUR	3,4740	3,4740	3,4740			3,4740					
Certificate	DE000CP06SQ4	AEX 544TS OPENC	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0012795421	AEX 545DIS0619Z	EUR	49,0100	49,6000	49,0100			49,6000					
Certificate	DE000CQ58MH4	AEX 545TL OPENC	EUR											
Certificate	DE000CP06SP6	AEX 545TS 0319C	EUR	4,5700	4,5700	3,6000	38246,0300	25	3,7300	9010				
Certificate	DE000VA71Y58	AEX 545TS 0319V	EUR	3,8010	3,8010	3,8010			3,8010					
Certificate	DE000CP06SN1	AEX 545TS OPENC	EUR	3,6200	3,6200	3,3400	181,0000	1	3,3400	50				
Certificate	DE000CP06TB4	AEX 545TS OPENC	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000VA77CW7	AEX 545TS OPENV	EUR	4,3770	4,3770	4,3770			4,3770					
Certificate	DE000CQ5AY69	AEX 546TL OPENC	EUR											
Certificate	DE000CY52DQ2	AEX 546TL OPENC	EUR											
Certificate	DE000CQ58MJ0	AEX 546TL OPENC	EUR											
Certificate	DE000VA1SVV4	AEX 546TL OPENV	EUR											
Certificate	DE000CP06SM3	AEX 546TS 0319C	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000VA77D40	AEX 546TS 1218V	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000CJ3N286	AEX 546TS 1218Z	EUR	3,6740	3,6740	3,6740			3,6740					
Certificate	DE000CP06S94	AEX 546TS OPENC	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	DE000CP06SJ9	AEX 546TS OPENC	EUR	3,9000	3,9000	3,4400	234,0000	1	3,4400	60				
Certificate	DE000CQ5AY77	AEX 547TL OPENC	EUR											
Certificate	DE000CY52DR0	AEX 547TL OPENC	EUR											
Certificate	DE000CQ58MK8	AEX 547TL OPENC	EUR											
Certificate	DE000VA77EB7	AEX 547TS 0319V	EUR	4,0040	4,0040	4,0040			4,0040					
Certificate	DE000CY528L6	AEX 547TS OPENC	EUR											
Certificate	DE000CP06S86	AEX 547TS OPENC	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	DE000CP06SH3	AEX 547TS OPENC	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	DE000VA77CX5	AEX 547TS OPENV	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000VA4RMV9	AEX 548TL 1218V	EUR											
Certificate	DE000CY52DS8	AEX 548TL OPENC	EUR											
Certificate	DE000CQ5AVV8	AEX 548TL OPENC	EUR											
Certificate	DE000CQ5AY85	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	DE000CQ58ML6	AEX 548TL OPENC	EUR											
Certificate	DE000CP06SL5	AEX 548TS 0319C	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000VA77CR7	AEX 548TS 0319V	EUR	4,1050	4,1050	4,1050			4,1050					
Certificate	DE000VA77B26	AEX 548TS 1218V	EUR	3,9460	3,9460	3,9460			3,9460					
Certificate	DE000CJ3N294	AEX 548TS 1218Z	EUR	3,8740	3,8740	3,8740			3,8740					
Certificate	DE000CY528K8	AEX 548TS OPENC	EUR											
Certificate	DE000CP06SG5	AEX 548TS OPENC	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000CP06S78	AEX 548TS OPENC	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	DE000CQ5AVVW6	AEX 549TL OPENC	EUR											
Certificate	DE000CQ5AY93	AEX 549TL OPENC	EUR											
Certificate	DE000CQ58MM4	AEX 549TL OPENC	EUR											
Certificate	DE000CY52DT6	AEX 549TL OPENC	EUR											
Certificate	DE000CP068Q3	AEX 549TS 1218C	EUR											
Certificate	DE000CY528J0	AEX 549TS OPENC	EUR											
Certificate	DE000CP06S60	AEX 549TS OPENC	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000CP068C3	AEX 549TS OPENC	EUR											
Certificate	DE000CP06SF7	AEX 549TS OPENC	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	DE000CP068X9	AEX 549TS OPENC	EUR											
Certificate	DE000VA77CY3	AEX 549TS OPENV	EUR	4,7840	4,7840	4,7840			4,7840					
Certificate	NL0012146104	AEX 5508OC1218Z	EUR	54,9000	54,9000	54,9000			54,9000					
Certificate	NL0012795868	AEX 5508ON0619Z	EUR	50,8900	50,8900	50,8900			50,8900					
Certificate	NL0012795447	AEX 550DIS1219Z	EUR	48,2200	48,7900	48,2200			48,7900					
Certificate	DE000CQ58CW4	AEX 550TL OPENC	EUR											
Certificate	DE000CQ5AVX4	AEX 550TL OPENC	EUR											
Certificate	DE000CQ5AYE8	AEX 550TL OPENC	EUR											
Certificate	DE000CQ5AYP4	AEX 550TL OPENC	EUR											
Certificate	DE000CP06SK7	AEX 550TS 0319C	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	DE000VA77CT3	AEX 550TS 0319V	EUR	4,3060	4,3060	4,3060			4,3060					
Certificate	DE000CP068P5	AEX 550TS 1218C	EUR											
Certificate	DE000VA77B42	AEX 550TS 1218V	EUR	4,1420	4,1420	4,1420			4,1420					
Certificate	DE000CJ3N104	AEX 550TS 1218Z	EUR	4,0760	4,0760	4,0760			4,0760					
Certificate	DE000CP068W1	AEX 550TS OPENC	EUR											
Certificate	DE000CY527G8	AEX 550TS OPENC	EUR											
Certificate	DE000CQ58KA3	AEX 550TS OPENC	EUR											
Certificate	DE000CP06SE0	AEX 550TS OPENC	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	DE000CP06SS2	AEX 550TS OPENC	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	DE000CP066Y1	AEX 550TS OPENC	EUR											
Certificate	DE000CQ58CX2	AEX 551TL OPENC	EUR											
Certificate	DE000CQ5AYF5	AEX 551TL OPENC	EUR											
Certificate	DE000CQ58CS2	AEX 551TL OPENC	EUR											
Certificate	DE000CP068V3	AEX 551TS OPENC	EUR											
Certificate	DE000CP06S45	AEX 551TS OPENC	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	DE000CP06SD2	AEX 551TS OPENC	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000VA77CZ0	AEX 551TS OPENV	EUR	4,9880	4,9880	4,9880			4,9880					
Certificate	DE000CQ58CT0	AEX 552TL OPENC	EUR											
Certificate	DE000CQ58CY0	AEX 552TL OPENC	EUR											
Certificate	DE000CP06S11	AEX 552TS 0319C	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	DE000VA77CV9	AEX 552TS 0319V	EUR	4,5070	4,5070	4,5070			4,5070					
Certificate	DE000VA77B59	AEX 552TS 1218V	EUR	4,3380	4,3380	4,3380			4,3380					
Certificate	DE000CJ3N112	AEX 552TS 1218Z	EUR	4,2740	4,2740	4,2740			4,2740					
Certificate	DE000CP06SC4	AEX 552TS OPENC	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000CP06S37	AEX 552TS OPENC	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CQ58CU8	AEX 553TL OPENC	EUR											
Certificate	DE000CQ58D48	AEX 553TL OPENC	EUR											
Certificate	DE000CP06S03	AEX 553TS 0319C	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	DE000CP06S29	AEX 553TS OPENC	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000CP06S86	AEX 553TS OPENC	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	DE000VA77PXM2	AEX 553TS OPENV	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	DE000CQ58CV6	AEX 554TL OPENC	EUR											
Certificate	DE000CP06RZ7	AEX 554TS 0319C	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000VA77PXE9	AEX 554TS 0319V	EUR	4,7080	4,7080	4,7080			4,7080					
Certificate	DE000VA77B75	AEX 554TS 1218V	EUR	4,5340	4,5340	4,5340			4,5340					
Certificate	DE000CJ3N2Z7	AEX 554TS 1218Z	EUR	4,4760	4,4760	4,4760			4,4760					
Certificate	DE000CY528B7	AEX 554TS OPENC	EUR											
Certificate	DE000CP06SA8	AEX 554TS OPENC	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	LU1732547416	AEX 554TS OPENS	EUR											
Certificate	DE000CQ58D14	AEX 555TL OPENC	EUR											
Certificate	DE000CQ58G37	AEX 555TL OPENC	EUR											
Certificate	DE000VA77PXG4	AEX 555TS 0319V	EUR	4,8080	4,8080	4,8080			4,8080					
Certificate	DE000CP068J8	AEX 555TS 1218C	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	DE000CP066G8	AEX 555TS OPENC	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	DE000CP068R1	AEX 555TS OPENC	EUR	4,2400	4,2400	4,2400			4,2400					



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	DE000CQ58G78	AEX 556TL OPENC	EUR											
Certificate	DE000CQ58G45	AEX 556TL OPENC	EUR											
Certificate	DE000VA7PXJ8	AEX 556TS 0319V	EUR	4,9080	4,9080	4,9080				4,9080				
Certificate	DE000CP06701	AEX 556TS 1218C	EUR	4,6900	4,6900	4,6900				4,6900				
Certificate	DE000VA6D8D8	AEX 556TS 1218V	EUR	4,7290	4,7290	4,7290				4,7290				
Certificate	DE000CJ3N203	AEX 556TS 1218Z	EUR	4,6760	4,6760	4,6760				4,6760				
Certificate	DE000CP06727	AEX 556TS OPENC	EUR	4,3300	4,3300	4,3300				4,3300				
Certificate	DE000CP066F0	AEX 556TS OPENC	EUR	4,7600	4,7600	4,7600				4,7600				
Certificate	DE000VA6D765	AEX 556TS OPENV	EUR	5,3800	5,3800	5,3800				5,3800				
Certificate	DE000CQ58G86	AEX 557TL OPENC	EUR											
Certificate	DE000CP066Z8	AEX 557TS 1218C	EUR	4,7900	4,7900	4,7900				4,7900				
Certificate	DE000CP06719	AEX 557TS OPENC	EUR	4,4300	4,4300	4,4300				4,4300				
Certificate	DE000CP066E3	AEX 557TS OPENC	EUR	4,8600	4,8600	4,8600				4,8600				
Certificate	DE000VA6D773	AEX 557TS OPENV	EUR	5,4800	5,4800	5,4800				5,4800				
Certificate	DE000VA7PXL4	AEX 558TS 0319V	EUR	5,1080	5,1080	5,1080				5,1080				
Certificate	DE000CP066N4	AEX 558TS 1218C	EUR	4,8900	4,8900	4,8900				4,8900				
Certificate	DE000VA6D8E6	AEX 558TS 1218V	EUR	4,9240	4,9240	4,9240				4,9240				
Certificate	DE000CV8B8AD5	AEX 558TS 1218Z	EUR	4,8770	4,8770	4,8770				4,8770				
Certificate	DE000CP066D5	AEX 558TS OPENC	EUR	4,9600	4,9600	4,9600				4,9600				
Certificate	DE000CP066V7	AEX 558TS OPENC	EUR	4,5300	4,5300	4,5300				4,5300				
Certificate	DE000VA6D781	AEX 558TS OPENV	EUR	5,5800	5,5800	5,5800				5,5800				
Certificate	DE000CQ58GX3	AEX 559TS OPENC	EUR											
Certificate	DE000CP066C7	AEX 559TS OPENC	EUR	5,0600	5,0600	5,0600				5,0600				
Certificate	DE000CP066U9	AEX 559TS OPENC	EUR	4,6300	4,6300	4,6300				4,6300				
Certificate	NL0013085962	AEX 559TS OPENH	EUR	5,4200	5,4200	5,4200				5,4200				
Certificate	DE000VA6D5E2	AEX 559TS OPENV	EUR	5,6800	5,6800	5,6800				5,6800				
Certificate	DE000CP066M6	AEX 560TS 1218C	EUR	5,0900	5,0900	5,0900				5,0900				
Certificate	DE000VA6D8F3	AEX 560TS 1218V	EUR	5,1200	5,1200	5,1200				5,1200				
Certificate	DE000CJ3NYG0	AEX 560TS 1218Z	EUR	5,0780	5,0780	5,0780				5,0780				
Certificate	DE000CP066T1	AEX 560TS OPENC	EUR	4,7300	4,7300	4,7300				4,7300				
Certificate	DE000CQ58GW5	AEX 560TS OPENC	EUR											
Certificate	DE000CP066B9	AEX 560TS OPENC	EUR	5,1600	5,1600	5,1600				5,1600				
Certificate	DE000VA6D5F9	AEX 560TS OPENV	EUR	5,7800	5,7800	5,7800				5,7800				
Certificate	DE000VA7PVT1	AEX 561TS 0319V	EUR	5,4100	5,4100	5,4100				5,4100				
Certificate	DE000CP066A1	AEX 561TS OPENC	EUR	5,2600	5,2600	5,2600				5,2600				
Certificate	DE000CP066S3	AEX 561TS OPENC	EUR	4,8300	4,8300	4,8300				4,8300				
Certificate	DE000VA6D5G7	AEX 561TS OPENV	EUR	5,8800	5,8800	5,8800				5,8800				
Certificate	DE000VA7PVU9	AEX 562TS 0319V	EUR	5,5100	5,5100	5,5100				5,5100				
Certificate	DE000CP066L8	AEX 562TS 1218C	EUR	5,2900	5,2900	5,2900				5,2900				
Certificate	DE000VA6D5W4	AEX 562TS 1218V	EUR	5,3200	5,3200	5,3200				5,3200				
Certificate	DE000CJ3NYH8	AEX 562TS 1218Z	EUR	5,2790	5,2790	5,2790				5,2790				
Certificate	DE000CP066R5	AEX 562TS OPENC	EUR	4,9300	4,9300	4,9300				4,9300				
Certificate	DE000CP06693	AEX 562TS OPENC	EUR	5,3600	5,3600	5,3600				5,3600				
Certificate	DE000VA6D5H5	AEX 562TS OPENV	EUR	5,9800	5,9800	5,9800				5,9800				
Certificate	DE000VA7PRH4	AEX 563TS 0319V	EUR	5,6100	5,6100	5,6100				5,6100				
Certificate	DE000CP066Q7	AEX 563TS OPENC	EUR	5,0300	5,0300	5,0300				5,0300				
Certificate	DE000CP06487	AEX 563TS OPENC	EUR	5,4500	5,4500	5,4500				5,4500				
Certificate	DE000VA6D5J1	AEX 563TS OPENV	EUR	6,0800	6,0800	6,0800				6,0800				
Certificate	NL0012938674	AEX 564TRSOPENH	EUR	5,2600	5,2600	5,2600				5,2600				
Certificate	DE000VA7PRK8	AEX 564TS 0319V	EUR	5,7100	5,7100	5,7100				5,7100				
Certificate	DE000CP066K0	AEX 564TS 1218C	EUR	5,4900	5,4900	5,4900				5,4900				
Certificate	DE000VA6D5X2	AEX 564TS 1218V	EUR	5,5100	5,5100	5,5100				5,5100				
Certificate	DE000CJ3NVY9	AEX 564TS 1218Z	EUR	5,4800	5,4800	5,4800				5,4800				
Certificate	DE000CP06479	AEX 564TS OPENC	EUR	5,5500	5,5500	5,5500				5,5500				
Certificate	DE000CP066P9	AEX 564TS OPENC	EUR	5,1300	5,1300	5,1300				5,1300				
Certificate	DE000VA6D5K9	AEX 564TS OPENV	EUR	6,1900	6,1900	6,1900				6,1900				
Certificate	DE000CP06R79	AEX 565TS 0319C	EUR	5,7800	5,7800	5,7800				5,7800				
Certificate	DE000CP06461	AEX 565TS OPENC	EUR	5,6500	5,6500	5,6500				5,6500				
Certificate	DE000CY52UM5	AEX 565TS OPENC	EUR											
Certificate	DE000VA7PRM4	AEX 566TS 0319V	EUR	5,9100	5,9100	5,9100				5,9100				
Certificate	DE000CQ58ST6	AEX 566TS 1218C	EUR	5,6900	5,6900	5,6900				5,6900				
Certificate	DE000VAsRFZ1	AEX 566TS 1218V	EUR	5,7100	5,7100	5,7100				5,7100				
Certificate	DE000CV8B8N3	AEX 566TS 1218Z	EUR	5,6810	5,6810	5,6810				5,6810				
Certificate	DE000CY52SR8	AEX 566TS OPENC	EUR											
Certificate	DE000CP06453	AEX 566TS OPENC	EUR	5,7500	5,7500	5,7500				5,7500				
Certificate	DE000CP06R87	AEX 567TS 0319C	EUR	5,9800	5,9800	5,9800				5,9800				
Certificate	DE000VAsRF00	AEX 567TS 1218V	EUR	5,8100	5,8100	5,8100				5,8100				
Certificate	DE000CQ58SP4	AEX 567TS OPENC	EUR	5,3000	5,3000	5,3000				5,3000				
Certificate	DE000CY52SQ0	AEX 567TS OPENC	EUR											
Certificate	DE000CP06446	AEX 567TS OPENC	EUR	5,8500	5,8500	5,8500				5,8500				
Certificate	DE000VAsRQB0	AEX 567TS OPENV	EUR	6,3600	6,3600	6,3600				6,3600				
Certificate	DE000VA7PRQ5	AEX 568TS 0319V	EUR	6,1100	6,1100	6,1100				6,1100				



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	DE000CQ5B5S8	AEX 568TS 1218C	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	DE000VASF18	AEX 568TS 1218V	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	DE000CV8B8P8	AEX 568TS 1218Z	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	DE000CQ5B5N9	AEX 568TS OPENC	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	DE000CP06438	AEX 568TS OPENC	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	DE000VASF6C8	AEX 568TS OPENV	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	DE000CP06R95	AEX 569TS 0319C	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	DE000VASF26	AEX 569TS 1218V	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	DE000CP06420	AEX 569TS OPENC	EUR	6,0500	6,0500	6,0500			6,0500					
Certificate	DE000CQ5B5M1	AEX 569TS OPENC	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	DE000VASF5D1	AEX 569TS OPENV	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	NL0012795157	AEX 570BOC0319Z	EUR	54,7300	55,2100	54,7300			55,2100					
Certificate	NL0012795876	AEX 570BON0919Z	EUR	49,7500	50,6500	49,7500			50,6500					
Certificate	DE000CP06RA0	AEX 570TS 0319C	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	DE000VA7PRR3	AEX 570TS 0319V	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000CQ5B5R0	AEX 570TS 1218C	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	DE000VASF34	AEX 570TS 1218V	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	DE000CV8AXC1	AEX 570TS 1218Z	EUR	6,0810	6,0810	6,0810			6,0810					
Certificate	DE000CQ5B8CA0	AEX 570TS OPENC	EUR											
Certificate	DE000CQ5B8C07	AEX 570TS OPENC	EUR											
Certificate	DE000CQ5B8B7	AEX 570TS OPENC	EUR											
Certificate	DE000CQ5B8L3	AEX 570TS OPENC	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	DE000CP06412	AEX 570TS OPENC	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	DE000VASF8DT9	AEX 570TS OPENV	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	DE000CP06R88	AEX 571TS 0319C	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	DE000VASF42	AEX 571TS 1218V	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	DE000CP06404	AEX 571TS OPENC	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	DE000CQ5B5S6	AEX 571TS OPENC	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	DE000VASF8DU7	AEX 571TS OPENV	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	DE000VA7PRS1	AEX 572TS 0319V	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	DE000CQ5B5S2	AEX 572TS 1218C	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000VASF8C45	AEX 572TS 1218V	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	DE000CV8AW68	AEX 572TS 1218Z	EUR	6,2810	6,2810	6,2810			6,2810					
Certificate	NL0012982946	AEX 572TS OPENB	EUR	7,1860	7,1860	7,1860			7,1860					
Certificate	DE000CP063Z5	AEX 572TS OPENC	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000CQ5B5S8	AEX 572TS OPENC	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000VASF8DV5	AEX 572TS OPENV	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	DE000CP06RC6	AEX 573TS 0319C	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	DE000VASF8C60	AEX 573TS 1218V	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	NL0012982953	AEX 573TS OPENB	EUR	7,2870	7,2870	7,2870			7,2870					
Certificate	DE000CP063Y8	AEX 573TS OPENC	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	DE000VASF8DW3	AEX 573TS OPENV	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	DE000VA7PRT9	AEX 574TS 0319V	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000VASF8C52	AEX 574TS 1218V	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	DE000CV8B621	AEX 574TS 1218Z	EUR	6,4810	6,4810	6,4810			6,4810					
Certificate	NL0012982979	AEX 574TS OPENB	EUR	8,0240	8,0340	7,3490	41239,8000	4	7,3890	5200				
Certificate	DE000CP063X0	AEX 574TS OPENC	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	DE000VASF8DX1	AEX 574TS OPENV	EUR	7,0600	7,0600	7,0600			7,0600					
Certificate	NL0012795439	AEX 575DIS0619Z	EUR	49,3300	50,0000	49,3300			50,0000					
Certificate	DE000CP06RD4	AEX 575TS 0319C	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	DE000CQ5B574	AEX 575TS 1218C	EUR	6,5900	6,5900	6,5900			6,5900					
Certificate	DE000VASF8C78	AEX 575TS 1218V	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	NL0012982995	AEX 575TS OPENB	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	DE000VA7PRU7	AEX 576TS 0319V	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	DE000VASF8C86	AEX 576TS 1218V	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	DE000CV8B6E6	AEX 576TS 1218Z	EUR	6,6810	6,6810	6,6810			6,6810					
Certificate	DE000VAFD3M0	AEX 576TS OPENV	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	DE000CP06RE2	AEX 577TS 0319C	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	DE000VAF3ZXA5	AEX 577TS 1218V	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	NL0012983266	AEX 577TS OPENB	EUR	8,0920	8,0920	7,6320	17644,5000	2	7,6970	2250				
Certificate	NL0013085954	AEX 577TS OPENH	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	DE000VA7PRV5	AEX 578TS 0319V	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	DE000VAF3Z549	AEX 578TS 1218V	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	DE000CV8AU94	AEX 578TS 1218Z	EUR	6,8820	6,8820	6,8820			6,8820					
Certificate	DE000CP06RF9	AEX 579TS 0319C	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	DE000VAF3ZX83	AEX 579TS 1218V	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	NL0012795173	AEX 580BOC0619Z	EUR	54,0900	54,6900	54,0900			54,6900					
Certificate	NL0012236103	AEX 580BOC1218Z	EUR	57,7400	57,8700	57,7400			57,8700					
Certificate	NL0012795140	AEX 580BOC1218Z	EUR	53,9000	55,0200	53,9000			55,0200					
Certificate	NL0012648646	AEX 580BON1219Z	EUR	52,9600	53,6500	52,9600			53,6500					
Certificate	DE000CP06RG7	AEX 580TS 0319C	EUR	7,2900	7,2900	7,2900			7,2900					
Certificate	DE000VA7PRW3	AEX 580TS 0319V	EUR	7,3200	7,3200	7,3200			7,3200					



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	DE000CQ58QV6	AEX 580TS 1218C	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	DE000VA32564	AEX 580TS 1218V	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	DE000CV8AUA1	AEX 580TS 1218Z	EUR	7,0820	7,0820	7,0820			7,0820					
Certificate	DE000CP06RH5	AEX 581TS 0319C	EUR	7,3900	7,3900	7,3900			7,3900					
Certificate	DE000VA32XC1	AEX 581TS 1218V	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	DE000VA7PRX1	AEX 582TS 0319V	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	DE000VA32S80	AEX 582TS 1218V	EUR	7,3200	7,3200	7,3200			7,3200					
Certificate	DE000CV8AUB9	AEX 582TS 1218Z	EUR	7,2820	7,2820	7,2820			7,2820					
Certificate	DE000CQ58H36	AEX 582TS OPENC	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	DE000CP06RJ1	AEX 583TS 0319C	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	DE000VA32XD9	AEX 583TS 1218V	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	DE000VA7PRY9	AEX 584TS 0319V	EUR	7,7300	7,7300	7,7300			7,7300					
Certificate	DE000VA32TA3	AEX 584TS 1218V	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	DE000CV8ARZ4	AEX 584TS 1218Z	EUR	7,4820	7,4820	7,4820			7,4820					
Certificate	NL001249470	AEX 585BOC1218B	EUR	5,5800	5,5900	5,5800	558,0000	1	5,5900	100				
Certificate	DE000CP06RK9	AEX 585TS 0319C	EUR	7,7900	7,7900	7,7900			7,7900					
Certificate	DE000CQ58QW4	AEX 585TS 1218C	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	DE000VA32XE7	AEX 585TS 1218V	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	DE000VA15LH1	AEX 585TS OPENV	EUR	7,3800	7,3800	7,3800			7,3800					
Certificate	DE000VA7PRZ6	AEX 586TS 0319V	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	DE000VA32XF4	AEX 586TS 1218V	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	DE000CV8AS07	AEX 586TS 1218Z	EUR	7,6830	7,6830	7,6830			7,6830					
Certificate	DE000CQ58H28	AEX 586TS OPENC	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	DE000CP06RL7	AEX 587TS 0319C	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	DE000VA32XG2	AEX 587TS 1218V	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	DE000VA7PRO6	AEX 588TS 0319V	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	DE000VA32XH0	AEX 588TS 1218V	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	DE000CV8AQG6	AEX 588TS 1218Z	EUR	7,8830	7,8830	7,8830			7,8830					
Certificate	DE000CP06RM5	AEX 589TS 0319C	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	DE000VA32XJ6	AEX 589TS 1218V	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	NL0012795199	AEX 590BOC0919Z	EUR	54,2700	54,2700	54,2700			54,2700					
Certificate	DE000CP06RN3	AEX 590TS 0319C	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	DE000VA7PR14	AEX 590TS 0319V	EUR	8,3300	8,3300	8,3300			8,3300					
Certificate	DE000CQ58QX2	AEX 590TS 1218C	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	DE000VA32XK4	AEX 590TS 1218V	EUR	8,1200	8,1200	8,1200			8,1200					
Certificate	DE000CV8AQH4	AEX 590TS 1218Z	EUR	8,0830	8,0830	8,0830			8,0830					
Certificate	DE000CQ58H10	AEX 590TS OPENC	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	LU1784827690	AEX 590TS OPENS	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000CP06RP8	AEX 591TS 0319C	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	DE000VA32XL2	AEX 591TS 1218V	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	DE000VA7PR30	AEX 592TS 0319V	EUR	8,5300	8,5300	8,5300			8,5300					
Certificate	DE000VA32XM0	AEX 592TS 1218V	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	DE000CV8AQJ0	AEX 592TS 1218Z	EUR	8,2830	8,2830	8,2830			8,2830					
Certificate	DE000CQ58H02	AEX 592TS OPENC	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	DE000CP06RQ6	AEX 593TS 0319C	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	DE000VA32XN8	AEX 593TS 1218V	EUR	8,4200	8,4200	8,4200			8,4200					
Certificate	DE000VA7PR48	AEX 594TS 0319V	EUR	8,7400	8,7400	8,7400			8,7400					
Certificate	DE000VA32XP3	AEX 594TS 1218V	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	DE000CV8AL12	AEX 594TS 1218Z	EUR	8,4830	8,4830	8,4830			8,4830					
Certificate	DE000VA4Y2L1	AEX 594TS OPENV	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	DE000CP06RR4	AEX 595TS 0319C	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	DE000CQ58QY0	AEX 595TS 1218C	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	DE000VA32XQ1	AEX 595TS 1218V	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	LU1784827427	AEX 595TS OPENS	EUR	7,1300	7,1300	7,1300			7,1300					
Certificate	DE000VA7PR71	AEX 596TS 0319V	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	DE000VA32XR9	AEX 596TS 1218V	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	DE000CV8AQK8	AEX 596TS 1218Z	EUR	8,6830	8,6830	8,6830			8,6830					
Certificate	DE000CQ58GZ8	AEX 596TS OPENC	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	DE000VA1ZEL6	AEX 596TS OPENV	EUR	8,3300	8,3300	8,3300			8,3300					
Certificate	DE000CP06RS2	AEX 597TS 0319C	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	DE000VA32XS7	AEX 597TS 1218V	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	DE000VLSR624	AEX 597TS OPENV	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	DE000VA1ZEM4	AEX 597TS OPENV	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	DE000VA15LJ7	AEX 597TS OPENV	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	DE000VA7PSA7	AEX 598TS 0319V	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	DE000VA32XT5	AEX 598TS 1218V	EUR	8,9200	8,9200	8,9200			8,9200					
Certificate	DE000CV8AA49	AEX 598TS 1218Z	EUR	8,8840	8,8840	8,8840			8,8840					
Certificate	DE000CQ58GY1	AEX 598TS OPENC	EUR	8,2700	8,2700	8,2700			8,2700					
Certificate	DE000VLSR632	AEX 598TS OPENV	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	DE000VA15LL3	AEX 598TS OPENV	EUR	8,7000	8,7000	8,7000			8,7000					
Certificate	DE000VA1ZEN2	AEX 598TS OPENV	EUR	8,5300	8,5300	8,5300			8,5300					
Certificate	DE000CP06RT0	AEX 599TS 0319C	EUR	9,2000	9,2000	9,2000			9,2000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA3ZXU3	AEX 599TS 1218V	EUR	9,0200	9,0200	9,0200			9,0200					
Certificate	DE000VA15LN9	AEX 599TS OPENV	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	DE000VL5R640	AEX 599TS OPENV	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	NL0012795165	AEX 600BOC0319Z	EUR	54,4600	54,4600	54,4600			54,4600					
Certificate	NL0012795215	AEX 600BOC1219Z	EUR	53,9000	54,0100	53,9000	26950,0000	5	54,0100	500				
Certificate	NL0012648620	AEX 600BON0619Z	EUR	54,3600	55,2600	54,3600			55,2600					
Certificate	NL0012795454	AEX 600DIS1219Z	EUR	48,7400	49,4100	48,7400			49,4100					
Certificate	DE000CP06RU8	AEX 600TS 0319C	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	DE000VA7PSC3	AEX 600TS 0319V	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	DE000C058QZ7	AEX 600TS 1218C	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	DE000VA3ZXW9	AEX 600TS 1218V	EUR	9,1200	9,1200	9,1200			9,1200					
Certificate	DE000CY52T04	AEX 600TS OPENC	EUR	7,1300	7,1300	6,8400	7130,0000	1	6,8400	1000				
Certificate	DE000VL61H22	AEX 600TS OPENV	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	DE000VA15LR0	AEX 600TS OPENV	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	DE000VA3ZXYS	AEX 601TS 1218V	EUR	9,2200	9,2200	9,2200			9,2200					
Certificate	DE000VA15NE4	AEX 601TS OPENV	EUR	9,0100	9,0100	9,0100			9,0100					
Certificate	DE000VA15PW1	AEX 601TS OPENV	EUR	9,0300	9,0300	9,0300			9,0300					
Certificate	DE000VL61H09	AEX 601TS OPENV	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	DE000VA3ZX42	AEX 602TS 1218V	EUR	9,3200	9,3200	9,3200			9,3200					
Certificate	DE000CV8AA56	AEX 602TS 1218Z	EUR	9,2840	9,2840	9,2840			9,2840					
Certificate	DE000CY51J09	AEX 602TS OPENC	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	DE000VASRBV9	AEX 602TS OPENV	EUR	9,8900	9,8900	9,8900			9,8900					
Certificate	DE000VA15PB5	AEX 602TS OPENV	EUR	9,1300	9,1300	9,1300			9,1300					
Certificate	DE000VL61H17	AEX 602TS OPENV	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	DE000VA3ZX67	AEX 603TS 1218V	EUR	9,4200	9,4200	9,4200			9,4200					
Certificate	DE000VL61H25	AEX 603TS OPENV	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	DE000VA15PX9	AEX 603TS OPENV	EUR	9,2300	9,2300	9,2300			9,2300					
Certificate	DE000VA3ZX75	AEX 604TS 1218V	EUR	9,5200	9,5200	9,5200			9,5200					
Certificate	NL0012927214	AEX 604TS OPENH	EUR	9,9700	9,9700	9,9700			9,9700					
Certificate	DE000VL61H33	AEX 604TS OPENV	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000VA15PY7	AEX 604TS OPENV	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	DE000VA4YQG7	AEX 604TS OPENV	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	DE000CP06RV6	AEX 605TS 0319C	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	DE000VA3ZX83	AEX 605TS 1218V	EUR	9,6200	9,6200	9,6200			9,6200					
Certificate	DE000CY51JE7	AEX 605TS OPENC	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	DE000CY52S21	AEX 605TS OPENC	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	LU1784827344	AEX 605TS OPENS	EUR	8,1200	8,1200	8,1200			8,1200					
Certificate	DE000VA15QL2	AEX 605TS OPENV	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	DE000VA3EA51	AEX 605TS OPENV	EUR	8,5600	8,5600	8,5600			8,5600					
Certificate	DE000VL61H41	AEX 605TS OPENV	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	DE000VA15Q73	AEX 605TS OPENV	EUR	9,4800	9,4800	9,4800			9,4800					
Certificate	DE000VA3ZYA3	AEX 606TS 1218V	EUR	9,7200	9,7200	9,7200			9,7200					
Certificate	DE000CV8AA64	AEX 606TS 1218Z	EUR	9,6840	9,6840	9,6840			9,6840					
Certificate	DE000VA15Q99	AEX 606TS OPENV	EUR	9,5800	9,5800	9,5800			9,5800					
Certificate	DE000VA3EA77	AEX 606TS OPENV	EUR	9,8300	9,8300	9,8300			9,8300					
Certificate	DE000VA4YQH5	AEX 606TS OPENV	EUR	9,9600	9,9600	9,9600			9,9600					
Certificate	DE000VL61H58	AEX 606TS OPENV	EUR	8,1100	8,1100	8,1100			8,1100					
Certificate	DE000VA3EA69	AEX 606TS OPENV	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	DE000VA3ZCY9	AEX 607TS 1218V	EUR	9,8200	9,8200	9,8200			9,8200					
Certificate	NL0013003783	AEX 607TS OPENB	EUR	10,1350	10,1350	10,1350			10,1350					
Certificate	DE000VA15RA3	AEX 607TS OPENV	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	DE000VL61H66	AEX 607TS OPENV	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	DE000VA4YQ33	AEX 607TS OPENV	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	DE000VA3ZYE5	AEX 608TS 1218V	EUR	9,9200	9,9200	9,9200			9,9200					
Certificate	NL0011047618	AEX 608TS OPENH	EUR	10,3700	10,3700	10,3700			10,3700					
Certificate	DE000VA4YQ41	AEX 608TS OPENV	EUR	10,1700	10,1700	10,1700			10,1700					
Certificate	DE000VL61H74	AEX 608TS OPENV	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	DE000VA3ZYG0	AEX 609TS 1218V	EUR	10,0200	10,0200	10,0200			10,0200					
Certificate	DE000VA4YSR0	AEX 609TS OPENV	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	NL0012795181	AEX 610BOC0619Z	EUR	51,7500	52,9900	51,7500			52,9900					
Certificate	DE000CP06RW4	AEX 610TS 0319C	EUR	10,3000	10,3000	10,3000			10,3000					
Certificate	DE000C05BR00	AEX 610TS 1218C	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	DE000VA3ZYJ4	AEX 610TS 1218V	EUR	10,1200	10,1200	10,1200			10,1200					
Certificate	DE000CV8AA72	AEX 610TS 1218Z	EUR	10,0850	10,0850	10,0850			10,0850					
Certificate	DE000CY52SY4	AEX 610TS OPENC	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	DE000CY16E51	AEX 610TS OPENC	EUR											
Certificate	DE000CY51JF4	AEX 610TS OPENC	EUR	7,1100	7,1100	6,8100	7110,0000	1	6,8100	1000				
Certificate	DE000VA4YW76	AEX 610TS OPENV	EUR	10,4200	10,4200	10,4200			10,4200					
Certificate	DE000VA4YSS8	AEX 610TS OPENV	EUR	10,3900	10,3900	10,3900			10,3900					
Certificate	DE000VASRBX5	AEX 610TS OPENV	EUR	10,7000	10,7000	10,7000			10,7000					
Certificate	DE000VA321R0	AEX 611TS 1218V	EUR	10,2200	10,2200	10,2200			10,2200					
Certificate	DE000VA4Y2M9	AEX 611TS OPENV	EUR	10,7700	10,7700	10,7700			10,7700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA4YTG1	AEX 611TS OPENV	EUR	10,5100	10,5100	10,5100			10,5100					
Certificate	DE000VA32203	AEX 612TS 1218V	EUR	10,3200	10,3200	10,3200			10,3200					
Certificate	NL0013085947	AEX 612TS OPENH	EUR	10,7900	10,7900	10,7900			10,7900					
Certificate	DE000VA5ELL7	AEX 612TS OPENV	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	DE000VA4YTI5	AEX 612TS OPENV	EUR	10,6100	10,6100	10,6100			10,6100					
Certificate	DE000VA32229	AEX 613TS 1218V	EUR	10,4200	10,4200	10,4200			10,4200					
Certificate	DE000VA4Y113	AEX 613TS OPENV	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	DE000VA32245	AEX 614TS 1218V	EUR	10,5200	10,5200	10,5200			10,5200					
Certificate	DE000CV8AA80	AEX 614TS 1218Z	EUR	10,4850	10,4850	10,4850			10,4850					
Certificate	DE000CP06RX2	AEX 615TS 0319C	EUR	10,8000	10,8000	10,8000			10,8000					
Certificate	DE000VA32252	AEX 615TS 1218V	EUR	10,6200	10,6200	10,6200			10,6200					
Certificate	DE000CV51JG2	AEX 615TS OPENC	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	DE000VA323E4	AEX 616TS 1218V	EUR	10,7200	10,7200	10,7200			10,7200					
Certificate	DE000VA323F1	AEX 617TS 1218V	EUR	10,8200	10,8200	10,8200			10,8200					
Certificate	LU1732548653	AEX 617TS OPENS	EUR	9,4600	9,4600	9,4600			9,4600					
Certificate	DE000VA324Z7	AEX 618TS 1218V	EUR	10,9200	10,9200	10,9200			10,9200					
Certificate	DE000CV8AE60	AEX 618TS 1218Z	EUR	10,8850	10,8850	10,8850			10,8850					
Certificate	DE000VA32419	AEX 619TS 1218V	EUR	11,0200	11,0200	11,0200			11,0200					
Certificate	NL0012795207	AEX 620BOC0919Z	EUR	50,8900	52,0700	50,8900			52,0700					
Certificate	NL0012236111	AEX 620BOC1218Z	EUR	60,9200	60,9200	60,9200			60,9200					
Certificate	DE000CP06RY0	AEX 620TS 0319C	EUR	11,3000	11,3000	11,3000			11,3000					
Certificate	DE000C058R18	AEX 620TS 1218C	EUR	11,1000	11,1000	11,1000			11,1000					
Certificate	DE000VA32427	AEX 620TS 1218V	EUR	11,1200	11,1200	11,1200			11,1200					
Certificate	DE000CV51IH0	AEX 620TS OPENC	EUR	7,7900	7,7900	7,7900			7,7900					
Certificate	DE000VA32500	AEX 621TS 1218V	EUR	11,2200	11,2200	11,2200			11,2200					
Certificate	DE000VA4RMY3	AEX 622TS 1218V	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	DE000CV8AA98	AEX 622TS 1218Z	EUR	11,2850	11,2850	11,2850			11,2850					
Certificate	DE000CV51RL5	AEX 622TS OPENC	EUR	8,5100	8,5100	8,5100			8,5100					
Certificate	DE000VA4RMZ0	AEX 623TS 1218V	EUR	11,4200	11,4200	11,4200			11,4200					
Certificate	DE000CV51RM3	AEX 623TS OPENC	EUR	8,6100	8,6100	8,6100			8,6100					
Certificate	DE000VA4RNC7	AEX 624TS 1218V	EUR	11,5200	11,5200	11,5200			11,5200					
Certificate	DE000CV51RN1	AEX 624TS OPENC	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	DE000VA4RPW0	AEX 625TS 1218V	EUR	11,6200	11,6200	11,6200			11,6200					
Certificate	DE000CV51IJ6	AEX 625TS OPENC	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	DE000CV16RK0	AEX 625TS OPENC	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	DE000CV515F5	AEX 625TS OPENC	EUR	8,3700	8,3700	8,3700			8,3700					
Certificate	DE000CV50TM1	AEX 625TS OPENC	EUR	8,3400	8,3400	8,3400			8,3400					
Certificate	DE000CV51RP6	AEX 625TS OPENC	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	DE000VA4RPX8	AEX 626TS 1218V	EUR	11,7200	11,7200	11,7200			11,7200					
Certificate	DE000CV51RQ4	AEX 626TS OPENC	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	DE000VA4RPY6	AEX 627TS 1218V	EUR	11,8200	11,8200	11,8200			11,8200					
Certificate	DE000CV51RR2	AEX 627TS OPENC	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	DE000VA4YQB8	AEX 628TS 1218V	EUR	11,9200	11,9200	11,9200			11,9200					
Certificate	DE000CV51RS0	AEX 628TS OPENC	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	DE000VA4YQC6	AEX 629TS 1218V	EUR	12,0200	12,0200	12,0200			12,0200					
Certificate	DE000CV51RT8	AEX 629TS OPENC	EUR	9,2000	9,2000	9,2000			9,2000					
Certificate	NL0012795223	AEX 630BOC1219Z	EUR	50,4300	51,6100	50,4300			51,6100					
Certificate	DE000VA4YQD4	AEX 630TS 1218V	EUR	12,1200	12,1200	12,1200			12,1200					
Certificate	DE000CV8AAA3	AEX 630TS 1218Z	EUR	12,0860	12,0860	12,0860			12,0860					
Certificate	DE000CV51SG3	AEX 630TS OPENC	EUR	8,8600	8,8600	8,8600			8,8600					
Certificate	DE000CV51RU6	AEX 630TS OPENC	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	DE000VA4YQE2	AEX 631TS 1218V	EUR	12,2200	12,2200	12,2200			12,2200					
Certificate	DE000CV51RV4	AEX 631TS OPENC	EUR	9,3900	9,3900	9,3900			9,3900					
Certificate	DE000CV51SH1	AEX 631TS OPENC	EUR	8,9600	8,9600	8,9600			8,9600					
Certificate	DE000VA4YQ17	AEX 632TS 1218V	EUR	12,3200	12,3200	12,3200			12,3200					
Certificate	DE000CV51SJ7	AEX 632TS OPENC	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	DE000CV51RW2	AEX 632TS OPENC	EUR	9,4900	9,4900	9,4900			9,4900					
Certificate	DE000VA4YQ25	AEX 633TS 1218V	EUR	12,4200	12,4200	12,4200			12,4200					
Certificate	DE000CV51SK5	AEX 633TS OPENC	EUR	9,1600	9,1600	9,1600			9,1600					
Certificate	DE000CV51RX0	AEX 633TS OPENC	EUR	9,5900	9,5900	9,5900			9,5900					
Certificate	DE000VA4YSM1	AEX 634TS 1218V	EUR	12,5200	12,5200	12,5200			12,5200					
Certificate	DE000CV51RY8	AEX 634TS OPENC	EUR	9,6900	9,6900	9,6900			9,6900					
Certificate	DE000CV51SL3	AEX 634TS OPENC	EUR	9,2600	9,2600	9,2600			9,2600					
Certificate	DE000VA4YSN9	AEX 635TS 1218V	EUR	12,6200	12,6200	12,6200			12,6200					
Certificate	DE000CV51SM1	AEX 635TS OPENC	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	DE000CV51RZ5	AEX 635TS OPENC	EUR	9,7900	9,7900	9,7900			9,7900					
Certificate	DE000VA4YTD8	AEX 636TS 1218V	EUR	12,7200	12,7200	12,7200			12,7200					
Certificate	DE000CV51S06	AEX 636TS OPENC	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	DE000CV51SN9	AEX 636TS OPENC	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	DE000VA4YW68	AEX 637TS 1218V	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	DE000CV51S14	AEX 637TS OPENC	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	DE000CV51SP4	AEX 637TS OPENC	EUR	9,5500	9,5500	9,5500			9,5500					



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	DE000CV8AAB1	AEX 638TS 1218Z	EUR	12,8860	12,8860	12,8860			12,8860					
Certificate	DE000CV51S22	AEX 638TS OPENC	EUR	10,0800	10,0800	10,0800			10,0800					
Certificate	DE000CV51S02	AEX 638TS OPENC	EUR	9,6500	9,6500	9,6500			9,6500					
Certificate	DE000CV51S30	AEX 639TS OPENC	EUR	10,1800	10,1800	10,1800			10,1800					
Certificate	DE000CV51S00	AEX 639TS OPENC	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	DE000CV51S58	AEX 640TS OPENC	EUR	9,8500	9,8500	9,8500			9,8500					
Certificate	DE000CV51S48	AEX 640TS OPENC	EUR	10,2800	10,2800	10,2800			10,2800					
Certificate	DE000CV51S55	AEX 641TS OPENC	EUR	10,3800	10,3800	10,3800			10,3800					
Certificate	DE000CV51S76	AEX 641TS OPENC	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	DE000CV51S04	AEX 642TS OPENC	EUR	10,0400	10,0400	10,0400			10,0400					
Certificate	DE000CV51S63	AEX 642TS OPENC	EUR	10,4700	10,4700	10,4700			10,4700					
Certificate	DE000CV51S71	AEX 643TS OPENC	EUR	10,5700	10,5700	10,5700			10,5700					
Certificate	DE000CV51S72	AEX 643TS OPENC	EUR	10,1400	10,1400	10,1400			10,1400					
Certificate	DE000CV51S89	AEX 644TS OPENC	EUR	10,6700	10,6700	10,6700			10,6700					
Certificate	DE000CV51S97	AEX 645TS OPENC	EUR	10,7700	10,7700	10,7700			10,7700					
Certificate	DE000CV51S00	AEX 645TS OPENC	EUR	10,3400	10,3400	10,3400			10,3400					
Certificate	DE000CV8AAC9	AEX 646TS 1218Z	EUR	13,6870	13,6870	13,6870			13,6870					
Certificate	DE000CV51S08	AEX 646TS OPENC	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	DE000CV51S06	AEX 646TS OPENC	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	DE000CV51S84	AEX 647TS OPENC	EUR	10,9600	10,9600	10,9600			10,9600					
Certificate	DE000CV8AAD7	AEX 654TS 1218Z	EUR	14,4870	14,4870	14,4870			14,4870					
Certificate	DE000CV8AAE5	AEX 662TS 1218Z	EUR	15,2880	15,2880	15,2880			15,2880					
Certificate	NL0012648653	AEX 6708ON1219Z	EUR	53,0100	53,6100	53,0100	1325,2500	1	53,6100		25			
Certificate	DE000CV8AAF2	AEX 678TS 1218Z	EUR	16,8880	16,8880	16,8880			16,8880					
Certificate	DE000CV8AAG0	AEX 694TS 1218Z	EUR	18,4890	18,4890	18,4890			18,4890					
Certificate	NL0012600100	AEX 700TS OPENH	EUR	19,6800	19,6800	19,6800			19,6800					
Certificate	NL0012551592	AEX 706TS OPENH	EUR	20,2900	20,2900	20,2900			20,2900					
Certificate	DE000CV8AAH8	AEX 710TS 1218Z	EUR	20,0900	20,0900	20,0900			20,0900					
Certificate	NL0012523526	AEX 717TS OPENH	EUR	21,4000	21,4000	21,4000			21,4000					
Certificate	NL0012537377	AEX 739TS OPENH	EUR	23,6300	23,6300	23,6300			23,6300					
Certificate	NL0012236509	AEX 0.88PRO0619Z	EUR	95,0300	95,9200	95,0300			95,9200					
Certificate	NL0012236558	AEX 0.88PRO0619Z	EUR	91,9800	92,6200	91,9800			92,6200					
Certificate	NL0012236517	AEX 0.93PRO0619Z	EUR	96,3600	96,8900	96,3600			96,8900					
Certificate	NL0012236574	AEX 0.95PRO0619Z	EUR	96,4400	96,6000	96,4400			96,6000					
Certificate	NL0012236533	AEX 0.95PRO0619Z	EUR	97,4200	97,7400	97,4200			97,7400					
Certificate	NL0011244637	AEX 323.TRLOPENH	EUR	18,9300	18,9300	18,9300			18,9300					
Certificate	NL0011603279	AEX 375.TRLOPENH	EUR	13,4300	13,7400	13,4300	472,5000	1	13,7400		35			
Certificate	NL0011694815	AEX 384.TRLOPENH	EUR	12,8300	12,8300	12,8300			12,8300					
Certificate	DE000CN6K1P1	AEX 397.TL OPENZ	EUR	11,5090	11,5090	11,5090			11,5090					
Certificate	NL0011926118	AEX 416.TRLOPENH	EUR	9,6300	9,6300	9,6300			9,6300					
Certificate	NL0011927173	AEX 424.TRLOPENH	EUR	8,8400	8,8400	8,8400			8,8400					
Certificate	NL0012110340	AEX 469.BL OPENB	EUR	4,3780	4,4170	4,3780	6129,2000	2	4,4170	1400				
Certificate	NL0012111199	AEX 472.BL OPENB	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	NL0012200695	AEX 489.TRLOPENH	EUR	1,6500	2,3400	1,6500	21513,2000	7	2,3400	12265				
Certificate	NL0012119127	AEX 497.BL OPENB	EUR	0,8280	1,6680	0,8280	1744,8000	6	1,6180	1600				
Certificate	NL0012258669	AEX 502.BL OPENB	EUR	0,3070	1,3020	0,3020	208322,5400	82	1,1170	212465				
Certificate	NL0012238786	AEX 503.TRLOPENH	EUR	0,2300	1,1500	0,2200	248998,1200	223	0,9800	282192				
Certificate	NL0012493209	AEX 508.BL OPENB	EUR											
Certificate	DE000CV884D3	AEX 510.TL OPENZ	EUR											
Certificate	DE000CJ3PF13	AEX 514.TL OPENZ	EUR											
Certificate	NL0013081839	AEX 532.TRLOPENH	EUR											
Certificate	LU1840974270	AEX 540.TPIOPENS	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	NL0013006075	AEX 547.BS OPENB	EUR	3,6460	3,6460	3,6460			3,6460					
Certificate	NL0013005028	AEX 551.BS OPENB	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0012938633	AEX 566.TRLOPENH	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000VASRFU2	AEX 567.TS OPENV	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	DE000VASRFV0	AEX 568.TS OPENV	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	DE000VASRFW8	AEX 569.TS OPENV	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000CV8B722	AEX 569.TS OPENZ	EUR	5,7550	5,7550	5,7550			5,7550					
Certificate	NL0012792675	AEX 570.BS OPENB	EUR	5,9650	5,9650	5,9450	835,1000	1	5,9450	140				
Certificate	DE000VASRFX6	AEX 570.TS OPENV	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	LU1816971052	AEX 571.TPIOPENS	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	DE000VASRFY4	AEX 571.TS OPENV	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	DE000VASRDQ5	AEX 572.TS OPENV	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	DE000VASRDR3	AEX 573.TS OPENV	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	NL0012863591	AEX 577.TRLOPENH	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	NL0012905541	AEX 579.TRLOPENH	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	NL0012907265	AEX 583.TRLOPENH	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	NL0012903967	AEX 585.TRLOPENH	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	NL0012892459	AEX 587.TRLOPENH	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	NL0012907257	AEX 589.TRLOPENH	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	NL0012594055	AEX 590.TRLOPENH	EUR	7,8600	7,8600	7,8600			7,8600					



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	NL0012903959	AEX 594.TRSOPENH	EUR	8,2600	8,2600	8,2600			8,2600					
Certificate	NL0012903942	AEX 597.TRSOPENH	EUR	8,5600	8,5600	8,5600			8,5600					
Certificate	DE000VA12DY1	AEX 597.TS OPENV	EUR	7,2800	7,2800	7,2800								
Certificate	DE000VA12D06	AEX 598.TS OPENV	EUR	7,3800	7,3800	7,3800								
Certificate	NL0012548663	AEX 599.TRSOPENH	EUR	8,7500	8,7500	8,7500								
Certificate	DE000VL61HJ6	AEX 600.TS OPENV	EUR	6,3600	6,3600	6,3600								
Certificate	DE000VL61HK4	AEX 601.TS OPENV	EUR	6,4600	6,4600	6,4600								
Certificate	DE000VL61HL2	AEX 602.TS OPENV	EUR	6,5600	6,5600	6,5600								
Certificate	NL0012203913	AEX 603.TRSOPENH	EUR	9,1500	9,1500	9,1500								
Certificate	DE000VL61HN8	AEX 603.TS OPENV	EUR	6,6600	6,6600	6,6600								
Certificate	DE000VL61HQ1	AEX 604.TS OPENV	EUR	6,7500	6,7500	6,7500								
Certificate	DE000VL61HS7	AEX 605.TS OPENV	EUR	6,8500	6,8500	6,8500								
Certificate	DE000VL61HU3	AEX 606.TS OPENV	EUR	6,9500	6,9500	6,9500								
Certificate	DE000VL61HW9	AEX 607.TS OPENV	EUR	7,0500	7,0500	7,0500								
Certificate	DE000VL61HY5	AEX 608.TS OPENV	EUR	7,1500	7,1500	7,1500								
Certificate	DE000CV4ZGV2	AEX 636.TS OPENZ	EUR	12,4480	12,4480	12,4480								
Certificate	DE000CV4ZGW0	AEX 642.TS OPENZ	EUR	13,0500	13,0500	13,0500								
Certificate	NL0013078009	AEX 687.TRSOPENH	EUR	17,5600	17,5600	17,5600								
Certificate	NL0012519995	AEX 688.TRSOPENH	EUR											
Certificate	NL0013077993	AEX 691.TRSOPENH	EUR	17,9600	17,9600	17,9600								
Certificate	NL0013077985	AEX 703.TRSOPENH	EUR	19,1600	19,1600	19,1600								
Certificate	NL0011596689	AEX 205.7TL OPENH	EUR	30,0800	30,8800	30,0800	3008,0000	1		100				
Certificate	NL0011601554	AEX 206.2TRLOPENH	EUR	30,6100	30,6100	30,6100								
Certificate	NL0011596671	AEX 209.8TL OPENH	EUR	30,4700	30,4700	30,4700								
Certificate	NL0011595392	AEX 227.9TRLOPENH	EUR	28,4500	28,4500	28,4500								
Certificate	NL0011036389	AEX 248.5TL OPENH	EUR	26,6400	26,6400	26,6400								
Certificate	DE000CK4YLK1	AEX 259.9TL OPENZ	EUR	25,2180	25,2180	25,2180								
Certificate	NL0011036363	AEX 265.3TL OPENH	EUR	24,9900	24,9900	24,9900								
Certificate	NL0011043302	AEX 267.2TL OPENH	EUR	24,7900	24,7900	24,7900								
Certificate	NL0010246328	AEX 276.18L OPENB	EUR	23,6830	23,6830	23,6830								
Certificate	NL0011422217	AEX 276.6TRLOPENH	EUR	23,5800	23,5800	23,5800								
Certificate	NL0010246310	AEX 283.48L OPENB	EUR	22,9600	22,9600	22,9600								
Certificate	NL0010223665	AEX 289.88L OPENB	EUR	22,3190	22,3190	22,3190								
Certificate	DE000CT9E180	AEX 291.1TL OPENC	EUR	26,0700	26,1300	26,0700	26,0700	1		1				
Certificate	DE000CK6UPV2	AEX 292.1TL OPENZ	EUR	21,9920	21,9920	21,9920								
Certificate	NL0010251690	AEX 292.78L OPENB	EUR	22,0270	22,0270	22,0270								
Certificate	NL0010225488	AEX 294.48L OPENB	EUR	21,8550	21,8550	21,8550								
Certificate	NL0011036322	AEX 294.9TL OPENH	EUR	22,0600	22,0600	22,0600								
Certificate	NL0011231691	AEX 296.7TL OPENH	EUR	21,8900	21,8900	21,8900								
Certificate	NL0011043237	AEX 296.8TL OPENH	EUR	21,8700	21,8700	21,8700								
Certificate	NL0011411855	AEX 300.1TRLOPENH	EUR	21,2200	21,2200	21,2200								
Certificate	DE000CK6UT31	AEX 301.1TL OPENZ	EUR	21,0950	21,0950	21,0950								
Certificate	NL0010252334	AEX 303.28L OPENB	EUR	20,9780	20,9780	20,9780								
Certificate	NL0011036306	AEX 309.6TL OPENH	EUR	20,6100	20,6100	20,6100								
Certificate	NL0010721494	AEX 311.8TL OPENH	EUR	20,3900	20,3900	20,3900								
Certificate	NL0011036298	AEX 313.8TL OPENH	EUR	20,1900	20,1900	20,1900								
Certificate	NL0010721486	AEX 320.2TL OPENH	EUR	19,5600	19,5600	19,5600								
Certificate	DE000CT9JTC2	AEX 321.3TL OPENC	EUR	22,9300	22,9300	22,9300								
Certificate	NL0011036272	AEX 322.2TL OPENH	EUR	19,3600	19,3600	19,3600								
Certificate	NL0010442091	AEX 323.98L OPENB	EUR	18,9110	18,9110	18,9110								
Certificate	DE000CT9MWQ0	AEX 325.9TL OPENC	EUR	22,4400	22,4400	22,4400								
Certificate	NL0011035985	AEX 326.4TL OPENH	EUR	18,9400	18,9400	18,9400								
Certificate	NL0010442166	AEX 327.38L OPENB	EUR	18,5710	18,5710	18,5710								
Certificate	NL0011053715	AEX 327.5TRLOPENH	EUR	18,4900	18,4900	18,4900								
Certificate	NL0010442174	AEX 330.78L OPENB	EUR	18,2220	18,2220	18,2220								
Certificate	NL0010721213	AEX 332.9TL OPENH	EUR	18,3000	18,3000	18,3000								
Certificate	NL0011243357	AEX 334.7TRLOPENH	EUR	17,7700	17,7700	17,7700								
Certificate	NL0011601471	AEX 336.1TRLOPENH	EUR	17,6200	17,6200	17,6200								
Certificate	NL0010721460	AEX 337.1TL OPENH	EUR	17,8900	17,8900	17,8900								
Certificate	NL0010890372	AEX 337.58L OPENB	EUR	17,5700	17,5700	17,5700								
Certificate	NL0010442646	AEX 337.68L OPENB	EUR	17,5330	17,5330	17,5330								
Certificate	NL0011035951	AEX 339.1TL OPENH	EUR	17,6900	17,6900	17,6900								
Certificate	NL0010442943	AEX 341.18L OPENB	EUR	16,3560	17,3210	16,3560	109179,0000	4		6500				
Certificate	NL0010721205	AEX 341.3TL OPENH	EUR	17,4700	17,4700	17,4700								
Certificate	NL0011053707	AEX 343.3TRLOPENH	EUR	16,9000	16,9000	16,9000								
Certificate	NL0011602586	AEX 346.2TL OPENH	EUR	16,9900	16,9900	16,9900								
Certificate	NL0010891420	AEX 346.38L OPENB	EUR	16,6870	16,6870	16,6870								
Certificate	NL0011603428	AEX 346.5TRLOPENH	EUR	16,5800	16,5800	16,5800								
Certificate	NL0011602560	AEX 348.3TL OPENH	EUR	16,7800	16,7800	16,7800								
Certificate	NL0010891438	AEX 348.68L OPENB	EUR	16,4610	16,4610	16,4610								
Certificate	NL0011602883	AEX 351.4TL OPENH	EUR	16,4800	16,4800	16,4800								
Certificate	NL0011243324	AEX 352.2TRLOPENH	EUR	16,0100	16,0100	16,0100								



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	NL0010894069	AEX 355.38L OPENB	EUR	15,7900	15,7900	15,7900			15,7900					
Certificate	NL0011602842	AEX 355.5TL OPENH	EUR	16,0700	16,0700	16,0700			16,0700					
Certificate	DE000CN6JRX4	AEX 355.7TL OPENZ	EUR	15,6370	15,6370	15,6370			15,6370					
Certificate	NL0011243316	AEX 356.6TRLOPENH	EUR	15,5800	15,5800	15,5800			15,5800					
Certificate	NL0011596861	AEX 357.9TRLOPENH	EUR	15,4500	15,4500	15,4500			15,4500					
Certificate	NL0011592399	AEX 358.9TRLOPENH	EUR	15,3500	15,3500	15,3500			15,3500					
Certificate	NL0011602800	AEX 359.6TL OPENH	EUR	15,6700	15,6700	15,6700			15,6700					
Certificate	NL0011602768	AEX 363.7TL OPENH	EUR	15,2600	15,2600	15,2600			15,2600					
Certificate	NL0011603386	AEX 364.8TRLOPENH	EUR	14,7600	14,7600	14,7600			14,7600					
Certificate	DE000CN6HMY7	AEX 365.9TL OPENZ	EUR	14,6200	14,6200	14,6200			14,6200					
Certificate	DE000CV87KD7	AEX 366.9TL OPENZ	EUR	6,0010	6,0010	6,0010			6,0010					
Certificate	NL0011605738	AEX 368.8TL OPENH	EUR	14,7500	14,7500	14,7500			14,7500					
Certificate	NL0011603337	AEX 370.1TRLOPENH	EUR	14,2300	14,2300	14,2300			14,2300					
Certificate	DE000CN6JRT2	AEX 373.3TL OPENZ	EUR	13,8800	13,8800	13,8800			13,8800					
Certificate	NL0011648860	AEX 374.58L OPENB	EUR	13,8680	13,8680	13,8680			13,8680					
Certificate	NL0011603287	AEX 374.5TRLOPENH	EUR	13,7900	13,7900	13,7900			13,7900					
Certificate	DE000CC3Z709	AEX 375.5TL OPENC	EUR	17,1900	17,1900	17,1900			17,1900					
Certificate	NL0011603238	AEX 377.1TRLOPENH	EUR	13,5300	13,5300	13,5300			13,5300					
Certificate	NL0011722939	AEX 377.2TL OPENH	EUR	13,9300	13,9300	13,9300			13,9300					
Certificate	NL0011705330	AEX 379.2TL OPENH	EUR	13,7300	13,7300	13,7300			13,7300					
Certificate	NL0011694856	AEX 379.8TRLOPENH	EUR	13,2600	13,2600	13,2600			13,2600					
Certificate	DE000CN6JWL9	AEX 381.5TL OPENZ	EUR	13,0590	13,0590	13,0590			13,0590					
Certificate	NL0011705298	AEX 383.3TL OPENH	EUR	13,3300	13,3300	13,3300			13,3300					
Certificate	DE000CC3ZCM5	AEX 383.6TL OPENC	EUR	16,3300	16,3300	16,3300			16,3300					
Certificate	NL0011705272	AEX 385.4TL OPENH	EUR	13,1200	13,1200	13,1200			13,1200					
Certificate	NL0011694799	AEX 386.1TRLOPENH	EUR	12,6200	12,6200	12,6200			12,6200					
Certificate	NL0011694773	AEX 388.4TRLOPENH	EUR	12,4000	12,4000	12,4000			12,4000					
Certificate	NL0011894530	AEX 388.7TL OPENH	EUR	12,7900	12,7900	12,7900			12,7900					
Certificate	DE000CN6JSM5	AEX 389.8TL OPENZ	EUR	12,2270	12,2270	12,2270			12,2270					
Certificate	NL0011701040	AEX 390.4TRLOPENH	EUR	12,2000	12,2000	12,2000			12,2000					
Certificate	NL0011891809	AEX 390.7TL OPENH	EUR	12,5900	12,5900	12,5900			12,5900					
Certificate	NL0011701032	AEX 391.4TRLOPENH	EUR	12,0900	12,0900	12,0900			12,0900					
Certificate	NL0011892666	AEX 393.8TL OPENH	EUR	12,2900	12,2900	12,2900			12,2900					
Certificate	NL0011892641	AEX 395.9TL OPENH	EUR	12,0800	12,0800	12,0800			12,0800					
Certificate	NL0011700984	AEX 396.8TRLOPENH	EUR	11,5500	11,5500	11,5500			11,5500					
Certificate	NL0011892500	AEX 401.8TRLOPENH	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	DE000CV506A8	AEX 401.9TL OPENZ	EUR	4,6060	4,6060	4,6060			4,6060					
Certificate	DE000CN6K7G7	AEX 403.1TL OPENZ	EUR	10,9040	10,9040	10,9040			10,9040					
Certificate	NL0011892435	AEX 405.5TRLOPENH	EUR	10,6900	10,6900	10,6900			10,6900					
Certificate	NL0011926381	AEX 406.2TL OPENH	EUR	11,0700	11,0700	11,0700			11,0700					
Certificate	DE000CV50699	AEX 406.9TL OPENZ	EUR	4,4060	4,4060	4,4060			4,4060					
Certificate	NL0011926373	AEX 407.2TL OPENH	EUR	10,9700	10,9700	10,9700			10,9700					
Certificate	DE000CN6K7J1	AEX 407.2TL OPENZ	EUR	10,4900	10,4900	10,4900			10,4900					
Certificate	NL0011926365	AEX 408.2TL OPENH	EUR	10,8600	10,8600	10,8600			10,8600					
Certificate	DE000CD61LW8	AEX 409.1TL OPENZ	EUR	10,2970	10,2970	10,2970			10,2970					
Certificate	NL0011926183	AEX 411.3TRLOPENH	EUR	10,1100	10,1100	10,1100			10,1100					
Certificate	NL0011926175	AEX 412.3TRLOPENH	EUR	10,0100	10,0100	10,0100			10,0100					
Certificate	NL0011927413	AEX 412.4TL OPENH	EUR	10,4500	10,4500	10,4500			10,4500					
Certificate	DE000CV501P7	AEX 412.9TL OPENZ	EUR	4,2040	4,2040	4,2040			4,2040					
Certificate	NL0011926159	AEX 413.9TRLOPENH	EUR	9,8400	9,8400	9,8400			9,8400					
Certificate	NL0011927397	AEX 414.4TL OPENH	EUR	10,2500	10,2500	10,2500			10,2500					
Certificate	NL0011926142	AEX 414.4TRLOPENH	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	DE000CD61TW1	AEX 415.3TL OPENZ	EUR	9,6870	9,6870	9,6870			9,6870					
Certificate	DE000CV501N2	AEX 417.9TL OPENZ	EUR	4,0040	4,0040	4,0040			4,0040					
Certificate	NL0011933783	AEX 418.2TRLOPENH	EUR	9,4200	9,4200	9,4200			9,4200					
Certificate	NL0011993043	AEX 419.7TL OPENH	EUR	9,7300	9,7300	9,7300			9,7300					
Certificate	DE000CD625Y8	AEX 421.3TL OPENZ	EUR	9,0820	9,0820	9,0820			9,0820					
Certificate	NL0011927215	AEX 421.8TRLOPENH	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	DE000CV4YQC4	AEX 422.9TL OPENZ	EUR	3,7950	3,7950	3,7950			3,7950					
Certificate	DE000CD62700	AEX 423.3TL OPENZ	EUR	8,2560	8,9930	8,2560	111017,1500	25	8,8820	12940				
Certificate	NL0011993001	AEX 423.8TL OPENH	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	NL0011908447	AEX 424.38L OPENB	EUR	8,1630	8,8880	8,1580	285,7100	1	8,8880	35				
Certificate	NL0011992987	AEX 425.8TL OPENH	EUR	9,1200	9,1200	9,1200			9,1200					
Certificate	NL0011928403	AEX 427.1TRLOPENH	EUR	8,5300	8,5300	8,5300			8,5300					
Certificate	DE000CD627P2	AEX 427.4TL OPENZ	EUR	8,4730	8,4730	8,4730			8,4730					
Certificate	NL0012048334	AEX 428.8TL OPENH	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	NL0012048326	AEX 429.9TL OPENH	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	NL0011994686	AEX 430.6TRLOPENH	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	DE000CV4Z811	AEX 430.9TL OPENZ	EUR	3,4890	3,4890	3,4890			3,4890					
Certificate	DE000CD62619	AEX 431.5TL OPENZ	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	NL0011994678	AEX 431.7TRLOPENH	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	NL0011994660	AEX 432.7TRLOPENH	EUR	7,9600	7,9600	7,9600			7,9600					



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	NL0012029342	AEX 432.88L OPENB	EUR	8,0320	8,0320	8,0320			8,0320					
Certificate	NL0011994645	AEX 434.8TRLOPENH	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	DE000CD628F1	AEX 435.6TL OPENZ	EUR	7,6560	7,6560	7,6560			7,6560					
Certificate	DE000CV4Z803	AEX 435.9TL OPENZ	EUR	3,2890	3,2890	3,2890			3,2890					
Certificate	NL0011994611	AEX 436.9TRLOPENH	EUR	7,5400	7,5400	7,5400			7,5400					
Certificate	NL0012049555	AEX 438.1TL OPENH	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	NL0012049225	AEX 438.5TRLOPENH	EUR	7,3900	7,3900	7,3900			7,3900					
Certificate	NL0012049548	AEX 439.1TL OPENH	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	NL0012049530	AEX 440.1TL OPENH	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	DE000CD63LY0	AEX 440.7TL OPENZ	EUR	7,1510	7,1510	7,1510			7,1510					
Certificate	DE000CV4YU09	AEX 440.9TL OPENZ	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	NL0012050868	AEX 442.1TL OPENH	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	NL0012049456	AEX 442.1TRLOPENH	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	NL0012049431	AEX 443.1TRLOPENH	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	NL0012038541	AEX 443.38L OPENB	EUR	6,9890	6,9890	6,9890			6,9890					
Certificate	DE000CD63KK4	AEX 444.7TL OPENZ	EUR	6,7530	6,7530	6,7530			6,7530					
Certificate	NL0012049407	AEX 444.8TRLOPENH	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	NL0012050835	AEX 445.2TL OPENH	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	NL0012039838	AEX 445.38L OPENB	EUR	6,0480	6,8290	6,0480	853,4900	3	6,7890	130				
Certificate	NL0012050710	AEX 447.8TRLOPENH	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	DE000CV4Z725	AEX 447.9TL OPENZ	EUR	2,8060	2,8060	2,8060			2,8060					
Certificate	DE000CD63Y90	AEX 448.7TL OPENZ	EUR	6,3540	6,3540	6,3540			6,3540					
Certificate	NL0012051627	AEX 449.3TL OPENH	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	NL0012050678	AEX 449.9TRLOPENH	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	NL0012051544	AEX 451.4TRLOPENH	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	NL0012098974	AEX 452.68L OPENB	EUR	6,0580	6,0580	6,0580			6,0580					
Certificate	DE000CD63YB1	AEX 452.7TL OPENZ	EUR	5,9520	5,9520	5,9520			5,9520					
Certificate	DE000CV4Z7Y8	AEX 452.9TL OPENZ	EUR	2,6070	2,6070	2,6070			2,6070					
Certificate	NL0012052427	AEX 453.3TL OPENH	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	NL0012098982	AEX 453.68L OPENB	EUR	5,9540	5,9640	5,9540	654,9400	1	5,9540	110				
Certificate	NL0012051908	AEX 454.1TRLOPENH	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	NL0012052419	AEX 454.3TL OPENH	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000CD640U5	AEX 454.6TL OPENZ	EUR	5,7620	5,7620	5,7620			5,7620					
Certificate	NL0012100143	AEX 455.68L OPENB	EUR	5,2380	5,7990	5,2380	61804,7900	6	5,7540	10808				
Certificate	NL0012100150	AEX 456.68L OPENB	EUR	5,6510	5,6510	5,6510			5,6510					
Certificate	NL0013079072	AEX 456.6TL OPENH	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	NL0012108898	AEX 457.3TL OPENB	EUR	6,3560	6,3560	6,3560			6,3560					
Certificate	NL0012052583	AEX 457.6TRLOPENH	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	DE000CV4Z7X0	AEX 457.9TL OPENZ	EUR	2,4070	2,4070	2,4070			2,4070					
Certificate	NL0012053052	AEX 458.4TL OPENH	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	DE000CD640W1	AEX 458.6TL OPENZ	EUR	5,3610	5,3610	5,3610			5,3610					
Certificate	NL0012052559	AEX 459.2TRLOPENH	EUR	4,5300	4,5300	4,5300	7587,0000	5	5,3100	1600				
Certificate	NL0012052872	AEX 460.3TRLOPENH	EUR	4,9100	5,2500	4,9100	2116,0500	2	5,2000	405				
Certificate	NL0012108922	AEX 460.4TL OPENB	EUR	5,9540	6,0540	5,9540	1190,8000	1	6,0540	200				
Certificate	NL0012101018	AEX 460.88L OPENB	EUR	4,7380	5,2390	4,7380	236,9000	1	5,2390	50				
Certificate	LU1841026922	AEX 461.5TCIOPENS	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	NL0012110142	AEX 461.8TL OPENB	EUR	5,9180	5,9180	5,9180			5,9180					
Certificate	NL0012052849	AEX 461.8TRLOPENH	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	NL0012052831	AEX 462.3TRLOPENH	EUR	4,3000	5,0000	4,3000	5687,0000	4	5,0000	1200				
Certificate	DE000CD64391	AEX 462.6TL OPENZ	EUR	4,9640	4,9640	4,9640			4,9640					
Certificate	NL0012093967	AEX 462.7TL OPENH	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	DE000CV4YQB6	AEX 462.9TL OPENZ	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	NL0012174304	AEX 463.7TL OPENH	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	NL0012101638	AEX 463.98L OPENB	EUR	4,9040	4,9300	4,9040	588,4800	1	4,9300	120				
Certificate	NL0012174296	AEX 464.7TL OPENH	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	NL0012110175	AEX 464.9TL OPENB	EUR	5,6170	5,6170	5,6170			5,6170					
Certificate	NL0012052955	AEX 464.9TRLOPENH	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	DE000CD647Q8	AEX 465.3TL OPENZ	EUR											
Certificate	NL0012102982	AEX 465.98L OPENB	EUR	4,7210	4,7210	4,7210			4,7210					
Certificate	NL0012110183	AEX 465.9TL OPENB	EUR	5,6600	5,6700	5,5150	1132,0000	1	5,5150	200				
Certificate	NL0013086465	AEX 465.9TRLOPENH	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000CD643B9	AEX 466.7TL OPENZ	EUR	3,8440	4,7300	3,8170	13692,9700	58	4,5630	3281				
Certificate	NL0012053649	AEX 467.7TRLOPENH	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	DE000CJ3PJCS	AEX 467.9TL OPENZ	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	NL0012094932	AEX 468.1TRLOPENH	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0012174254	AEX 468.8TL OPENH	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	NL0012110977	AEX 468.9TL OPENB	EUR	4,5010	5,2170	4,5010	135,0300	1	5,2170	30				
Certificate	NL0013083272	AEX 469.1TRLOPENH	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	DE000VA71V50	AEX 469.3TL OPENV	EUR	4,3090	4,3090	4,3090			4,3090					
Certificate	LU1841027060	AEX 470.1TCIOPENS	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000VA71VT8	AEX 470.3TL OPENV	EUR	4,2090	4,2090	4,2090			4,2090					
Certificate	NL0013084064	AEX 470.4TL OPENH	EUR	4,7200	4,7200	4,7200			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	DE000CD646R8	AEX 470.6TL OPENZ	EUR	3,4760	4,1710	3,4760	7329,4800	2	4,1710	2001				
Certificate	NL0012904023	AEX 470.7TRLOPENH	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	DE000VA71VV4	AEX 471.3TL OPENV	EUR	4,1090	4,1090	4,1090			4,1090					
Certificate	NL0013084056	AEX 471.4TL OPENH	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	NL0013083264	AEX 472.1TRLOPENH	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	NL0012112429	AEX 472.2TL OPENB	EUR	4,1080	4,8990	4,1080	841,1000	2	4,8990	200				
Certificate	DE000VA71VX0	AEX 472.3TL OPENV	EUR	4,0090	4,0090	4,0090			4,0090					
Certificate	DE000CD647L9	AEX 472.6TL OPENZ	EUR	3,9760	3,9760	3,9760			3,9760					
Certificate	NL0012174213	AEX 472.9TL OPENH	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	DE000CV427W2	AEX 472.9TL OPENZ	EUR	1,8070	1,8070	1,8070			1,8070					
Certificate	NL0012111207	AEX 473.1BL OPENB	EUR	3,6050	4,0050	3,5950	7605,0000	2	4,0050	2000				
Certificate	DE000VA71VY8	AEX 473.3TL OPENV	EUR	3,9090	3,9090	3,9090			3,9090					
Certificate	NL0012566087	AEX 473.8TRLOPENH	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	NL0012174205	AEX 473.9TL OPENH	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000VA71V02	AEX 474.3TL OPENV	EUR	3,8090	3,8090	3,8090			3,8090					
Certificate	NL0012174197	AEX 474.9TL OPENH	EUR	3,9400	4,4000	3,9400	95850,0000	3	4,2700	23000				
Certificate	NL0013083256	AEX 475.1TRLOPENH	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	NL0012197164	AEX 475.8TL OPENH	EUR	4,0700	4,1900	4,0700	12210,0000	1	4,1900	3000				
Certificate	NL0012114243	AEX 476.1TL OPENB	EUR	4,5120	4,5170	4,5070	1128,0000	1	4,5170	250				
Certificate	NL0013083249	AEX 476.1TRLOPENH	EUR	2,9000	3,6300	2,9000	2900,0000	1	3,6300	1000				
Certificate	LU1841027144	AEX 476.2TCIOPENS	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	NL0012111678	AEX 476.4BL OPENB	EUR	2,9570	3,7370	2,9520	15747,9000	5	3,6720	5100				
Certificate	DE000CE6BHL8	AEX 476.5TL OPENZ	EUR	3,0390	3,5950	3,0390	1303,2000	2	3,5950	400				
Certificate	NL0012197156	AEX 476.8TL OPENH	EUR	3,9800	4,0800	3,9800	11940,0000	1	4,0800	3000				
Certificate	NL0012114250	AEX 477.1TL OPENB	EUR	3,6820	4,4170	3,6820	3682,0000	1	4,4170	1000				
Certificate	DE000VA71RL3	AEX 477.2TL OPENV	EUR	3,5120	3,5120	3,5120			3,5120					
Certificate	NL0012113112	AEX 477.4BL OPENB	EUR	2,7640	3,5690	2,7640	8559,2600	4	3,5690	3090				
Certificate	NL0012175830	AEX 477.5TRLOPENH	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000CV427V4	AEX 477.9TL OPENZ	EUR	1,6080	1,6080	1,6080			1,6080					
Certificate	DE000VA71RM1	AEX 478.2TL OPENV	EUR	3,4120	3,4120	3,4120			3,4120					
Certificate	DE000CV0AW86	AEX 478.3TL OPENC	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	NL0013084049	AEX 478.4TL OPENH	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	NL0012114805	AEX 479.1TL OPENB	EUR	4,2190	4,2190	4,2190			4,2190					
Certificate	NL0012177208	AEX 479.1TRLOPENH	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	DE000VA71RN9	AEX 479.2TL OPENV	EUR	3,3120	3,3120	3,3120			3,3120					
Certificate	NL0012197123	AEX 479.9TL OPENH	EUR	3,6700	3,8900	3,6700	12551,0000	3	3,7800	3400				
Certificate	NL0013083231	AEX 480.1TRLOPENH	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000CE6BKB3	AEX 480.4TL OPENZ	EUR	2,5850	3,2030	2,5800	387,0000	1	3,2030	150				
Certificate	LU1841027227	AEX 480.7TCIOPENS	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	DE000CJ3N7K7	AEX 480.9TL OPENZ	EUR	3,6630	3,6630	3,6630			3,6630					
Certificate	NL0012116271	AEX 481.5TL OPENB	EUR	3,9820	3,9820	3,9820			3,9820					
Certificate	NL0012114458	AEX 481.6BL OPENB	EUR	2,6580	3,2130	2,6580	1054,9800	2	3,1530	360				
Certificate	NL0012179147	AEX 481.7TRLOPENH	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0012198709	AEX 482.1TL OPENH	EUR	3,4200	3,5600	3,4200	10260,0000	1	3,5600	3000				
Certificate	NL0012179139	AEX 482.2TRLOPENH	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	NL0012116818	AEX 482.4TL OPENB	EUR	3,9770	3,9770	3,8920	3977,0000	1	3,8920	1000				
Certificate	DE000CE6BL35	AEX 482.4TL OPENZ	EUR	2,3350	3,1820	2,3350	1283,9100	3	3,0090	521				
Certificate	NL0012114490	AEX 482.6BL OPENB	EUR	2,3300	3,1890	2,3250	20469,0000	12	3,0500	7200				
Certificate	NL0012200158	AEX 483.1TL OPENH	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	NL0012114508	AEX 483.2BL OPENB	EUR	2,9890	2,9890	2,9890			2,9890					
Certificate	NL0012196745	AEX 483.2TRLOPENH	EUR	3,0300	3,0300	2,9100	1515,0000	1	2,9100	500				
Certificate	DE000CV4YQA8	AEX 483.9TL OPENZ	EUR	1,4020	1,4020	1,4020			1,4020					
Certificate	LU1841027490	AEX 484.3TCIOPENS	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	NL0012196729	AEX 484.3TRLOPENH	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000CE6BPY4	AEX 484.4TL OPENZ	EUR	2,6890	2,8150	2,6890	268,9000	1	2,8150	100				
Certificate	NL0012115877	AEX 484.6BL OPENB	EUR	2,9460	2,9520	2,8560	4425,0000	2	2,8560	1500				
Certificate	DE000CV0AYF6	AEX 485.3TL OPENC	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0012197560	AEX 485.3TRLOPENH	EUR	1,9200	2,7100	1,9200	144,0000	1	2,7100	75				
Certificate	DE000VN66GQ8	AEX 485.8TL OPENV	EUR	3,6590	3,6590	3,6590			3,6590					
Certificate	NL0012116529	AEX 486.1BL OPENB	EUR	1,9000	2,7050	1,9000	152856,8800	15	2,7050	62302				
Certificate	DE000CE6BPZ1	AEX 486.4TL OPENZ	EUR	2,6170	2,6170	2,6170			2,6170					
Certificate	NL0012116891	AEX 486.5TL OPENB	EUR	3,2010	3,6010	3,2010	8241,9000	8	3,4910	2400				
Certificate	NL0013079064	AEX 486.6TL OPENH	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	DE000CY165A0	AEX 486.8TL OPENC	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	LU1841027573	AEX 487.1TCIOPENS	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	NL0012200224	AEX 487.4TRLOPENH	EUR	1,9900	2,6200	1,9900	2305,0000	2	2,5000	1000				
Certificate	NL0012117345	AEX 487.6BL OPENB	EUR	1,8250	2,5500	1,8250	789,7800	3	2,5500	335				
Certificate	NL0013079056	AEX 487.6TL OPENH	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	DE000VL76GG2	AEX 487.6TL OPENV	EUR	3,1320	3,1320	3,1320			3,1320					
Certificate	DE000CV4Z7U6	AEX 487.9TL OPENZ	EUR	0,9200	1,2550	0,9200	819,5600	6	1,2080	755				
Certificate	NL0012116925	AEX 488.1TL OPENB	EUR	2,7440	3,4290	2,7440	10896,9400	5	3,3390	3645				
Certificate	DE000CE6BTS8	AEX 488.3TL OPENZ	EUR	2,4240	2,4240	2,4240			2,4240					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VL76GH0	AEX 488.6TL OPENV	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0012117360	AEX 488.78L OPENB	EUR	1,9680	2,5390	1,9630	1237,2300	3	2,4480	547				
Certificate	NL0012120307	AEX 488.9TL OPENB	EUR	2,4670	3,2720	2,4570	14832,5000	4	3,2620	5000				
Certificate	NL0012200984	AEX 489.1TL OPENH	EUR	2,5900	2,8700	2,5900	7770,0000	1	2,8700	3000				
Certificate	NL0012120315	AEX 489.4TL OPENB	EUR	3,2110	3,2110	3,2110			3,2110					
Certificate	LU1841027656	AEX 489.5TCIOPENS	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0012120323	AEX 489.9TL OPENB	EUR	2,4100	3,3000	2,4100	12208,0000	5	3,1600	4050				
Certificate	NL0012200976	AEX 490.1TL OPENH	EUR	2,6500	2,7700	2,6500	530,0000	1	2,7700	200				
Certificate	DE000CE6BTT6	AEX 490.3TL OPENZ	EUR	2,2270	2,2270	2,2270			2,2270					
Certificate	NL0012200679	AEX 490.5TRLOPENH	EUR	1,4400	2,1900	1,4400	761,4000	3	2,1900	480				
Certificate	NL0012120349	AEX 490.9TL OPENB	EUR	2,3260	3,2060	2,3160	92691,8100	5	3,0610	30385				
Certificate	NL0012117410	AEX 491.38L OPENB	EUR	1,4170	2,2470	1,3870	55292,5200	18	2,1870	35005				
Certificate	NL0012207427	AEX 491.3TL OPENH	EUR	2,6700	2,6700	2,6500	267,0000	1	2,6500	100				
Certificate	LU1841027730	AEX 491.4TCIOPENS	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0012200646	AEX 492.1TRLOPENH	EUR	1,2900	2,0600	1,2900	8505,0000	4	2,0400	5500				
Certificate	NL0012117923	AEX 492.38L OPENB	EUR	1,3800	2,2560	1,3450	167744,9000	20	2,0850	83050				
Certificate	DE000CE6BXR2	AEX 492.3TL OPENZ	EUR	2,0340	2,0340	2,0340			2,0340					
Certificate	NL0013079049	AEX 492.6TL OPENH	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	NL0012117931	AEX 492.88L OPENB	EUR	1,2580	2,1540	1,2530	31747,2500	21	2,0330	17564				
Certificate	LU1841027813	AEX 493.1TCIOPENS	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	NL0012200620	AEX 493.2TRLOPENH	EUR	1,1500	2,0200	1,1500	46304,0000	17	1,9400	28400				
Certificate	NL0012259113	AEX 493.3TL OPENB	EUR	2,7380	2,8280	2,7280	5065,3000	1	2,8280	1850				
Certificate	NL0013079031	AEX 493.6TL OPENH	EUR	1,6600	2,4300	1,6600	2298,0000	2	2,4300	1200				
Certificate	NL0013082761	AEX 493.6TRLOPENH	EUR	1,4100	1,8900	1,4100	755,0000	2	1,8900	500				
Certificate	DE000VN66GY2	AEX 493.8TL OPENV	EUR	2,8390	2,8390	2,8390			2,8390					
Certificate	DE000CV4YQ96	AEX 493.9TL OPENZ	EUR	0,6960	1,0500	0,6960	4783,2700	9	1,0030	5050				
Certificate	DE000VL76CX6	AEX 494.1TL OPENV	EUR	2,5210	2,5210	2,5210			2,5210					
Certificate	DE000CE6BYB4	AEX 494.2TL OPENZ	EUR	1,0910	1,8500	1,0910	11739,3000	10	1,8500	8400				
Certificate	NL0012259121	AEX 494.3TL OPENB	EUR	2,0110	2,8810	2,0110	9915,4200	9	2,7260	3917				
Certificate	LU1841027904	AEX 494.5TCIOPENS	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	NL0013079023	AEX 494.6TL OPENH	EUR	2,4900	2,4900	2,3100	4740,0000	4	2,3300	2000				
Certificate	NL0012202063	AEX 494.7TRLOPENH	EUR	1,0900	1,9000	1,0900	715,3000	4	1,7800	430				
Certificate	NL0012276349	AEX 494.8TL OPENB	EUR	1,9710	2,8010	1,9610	5433,0000	4	2,6810	2500				
Certificate	NL0012117972	AEX 494.98L OPENB	EUR	1,0890	1,9890	1,0890	15869,8500	7	1,8240	8230				
Certificate	DE000VL76CY4	AEX 495.1TL OPENV	EUR	2,4240	2,4240	2,4240			2,4240					
Certificate	NL0013082753	AEX 495.1TRLOPENH	EUR	1,6700	1,7400	1,5500	1449,0000	2	1,7400	900				
Certificate	DE000CE6B254	AEX 495.3TL OPENZ	EUR											
Certificate	NL0012117980	AEX 495.48L OPENB	EUR	1,0470	1,8230	1,0470	4627,5000	7	1,7720	3400				
Certificate	NL0012213151	AEX 495.4TL OPENH	EUR	1,9500	2,2500	1,9500	975,0000	1	2,2500	500				
Certificate	NL0012276554	AEX 495.7TL OPENB	EUR	1,8720	2,7020	1,8720	71782,1000	13	2,5870	34800				
Certificate	NL0012202048	AEX 495.7TRLOPENH	EUR	0,9000	1,6800	0,9000	5764,0000	4	1,6800	4400				
Certificate	DE000VN66G03	AEX 495.8TL OPENV	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	NL0012117998	AEX 495.98L OPENB	EUR	0,9300	1,7500	0,9300	1851,1500	5	1,7200	1150				
Certificate	DE000VL76C21	AEX 496.1TL OPENV	EUR	2,3270	2,3270	2,3270			2,3270					
Certificate	DE000CE6BYC2	AEX 496.2TL OPENZ	EUR	1,6530	1,6530	1,6530			1,6530					
Certificate	NL0012202030	AEX 496.3TRLOPENH	EUR	1,6500	1,6500	1,6300	231,0000	1	1,6300	140				
Certificate	NL0012276562	AEX 496.7TL OPENB	EUR	2,6470	2,6470	2,4870	1323,5000	1	2,4870	500				
Certificate	NL0012202022	AEX 496.8TRLOPENH	EUR	0,8000	1,6500	0,8000	1890,0000	5	1,5800	1500				
Certificate	NL0012366538	AEX 497.1TL OPENH	EUR	1,4500	2,0800	1,4500	20150,0000	4	2,0800	13000				
Certificate	NL0013081854	AEX 497.3TRLOPENH	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	NL0012121685	AEX 497.48L OPENB	EUR	0,9690	1,7430	0,9690	49064,0000	11	1,5690	34302				
Certificate	NL0012491617	AEX 497.6TL OPENB	EUR	1,6780	2,5580	1,6730	33515,4000	8	2,4080	16300				
Certificate	LU1841028035	AEX 497.7TCIOPENS	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0012122808	AEX 497.98L OPENB	EUR	0,7460	1,6630	0,7460	13498,0300	20	1,5210	11256				
Certificate	NL0013080369	AEX 497.9TRLOPENH	EUR	0,7300	1,4800	0,7300	5083,0000	2	1,4700	4600				
Certificate	NL0012374912	AEX 498.2TL OPENH	EUR	1,3400	1,9900	1,3400	2709,0000	4	1,9700	1500				
Certificate	DE000CE6C071	AEX 498.2TL OPENZ	EUR	0,7530	1,5800	0,7530	6428,6000	4	1,4610	4200				
Certificate	NL0012203954	AEX 498.8TRLOPENH	EUR	1,1200	1,5500	1,1200	7870,0000	6	1,3800	6000				
Certificate	DE000CV8BDN8	AEX 498.9TL OPENZ	EUR	0,8500	0,8500	0,7040	6616,2300	3	0,8040	8363				
Certificate	NL0012491641	AEX 499.1TL OPENB	EUR	1,5240	2,4240	1,4890	31240,9800	12	2,2590	14174				
Certificate	LU1841028118	AEX 499.3TCIOPENS	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0012123087	AEX 499.48L OPENB	EUR	0,5740	1,4860	0,5740	14117,9600	19	1,3710	14090				
Certificate	NL0012209373	AEX 499.8TRLOPENH	EUR	0,5200	1,4200	0,5200	4448,5000	11	1,2900	4480				
Certificate	NL0012123095	AEX 499.98L OPENB	EUR	0,5070	1,4090	0,5070	54863,5900	29	1,3190	51720				
Certificate	NL0012436950	AEX 500.1TL OPENH	EUR	1,0800	1,9400	1,0000	72025,0000	17	1,7900	42000				
Certificate	DE000VL76C07	AEX 500.1TL OPENV	EUR	1,9370	1,9370	1,9370			1,9370					
Certificate	DE000CE6BYE8	AEX 500.2TL OPENZ	EUR	0,5170	1,3660	0,5170	7531,3500	6	1,2600	6600				
Certificate	LU1841028209	AEX 500.6TCIOPENS	EUR	1,1700	1,1900	1,1000	567,5000	2	1,1900	500				
Certificate	DE000VN66G52	AEX 500.8TL OPENV	EUR	2,1030	2,1030	2,1030			2,1030					
Certificate	NL0012210728	AEX 500.8TRLOPENH	EUR	0,4500	1,2400	0,4500	14452,0000	4	1,1900	21200				
Certificate	NL0013011927	AEX 500.98L OPENB	EUR	0,6500	1,3800	0,6350	132505,7800	13	1,2200	164750				
Certificate	NL0012491682	AEX 501.1TL OPENB	EUR	1,4590	2,0590	1,4340	15712,9200	4	2,0590	10002				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012436943	AEX 501.1TL OPENH	EUR	1,3400	1,6900	1,3300	12326,0000	2	1,6900	9200				
Certificate	DE000VL76C15	AEX 501.1TL OPENV	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	LU1840975590	AEX 501.4TCIOPENS	EUR	1,1000	1,1000	1,1000	2200,0000	1	1,1000	2000				
Certificate	NL0013080351	AEX 501.4TRLOPENH	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0012491690	AEX 501.6TL OPENB	EUR	1,3040	2,0190	1,3040	2380,3100	4	2,0090	1415				
Certificate	DE000VN66G60	AEX 501.8TL OPENV	EUR	2,0390	2,0390	2,0390			2,0390					
Certificate	NL0012210702	AEX 501.9TRLOPENH	EUR	0,5300	1,2800	0,5300	41163,0000	30	1,0900	43415				
Certificate	DE000VL76C23	AEX 502.1TL OPENV	EUR	1,7420	1,7420	1,7420			1,7420					
Certificate	DE000CE6F983	AEX 502.2TL OPENZ	EUR	0,3270	1,1410	0,3270	20438,6800	12	1,0660	20610				
Certificate	LU1840975673	AEX 502.6TCIOPENS	EUR	0,4300	1,0100	0,4300	1474,7500	6	0,9700	2025				
Certificate	NL0012491716	AEX 502.6TL OPENB	EUR	1,0940	2,0940	1,0940	2931293,3600	76	1,9190	1682045				
Certificate	DE000VL76GV1	AEX 502.7TL OPENV	EUR	0,9290	1,8200	0,8990	45300,2200	171	1,6440	31488				
Certificate	NL0013011935	AEX 502.98L OPENB	EUR	0,2720	1,1690	0,2240	448585,6600	102	1,0200	476791				
Certificate	LU1840975756	AEX 503.7TCIOPENS	EUR	0,6500	1,0400	0,6500	8247,1800	24	0,8700	9732				
Certificate	DE000CY16E48	AEX 503.8TL OPENC	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000CV4YQ88	AEX 503.9TL OPENZ	EUR	0,6580	0,6640	0,5720	1596,4200	9	0,6040	2628				
Certificate	NL0012437560	AEX 504.1TL OPENH	EUR	0,8100	1,5700	0,8100	165211,5400	18	1,4000	122001				
Certificate	NL0012491740	AEX 504.2TL OPENB	EUR	0,9350	1,0500	0,9350	4387,5700	3	1,0500	4618				
Certificate	DE000CE6F975	AEX 504.2TL OPENZ	EUR											
Certificate	NL0012367114	AEX 504.2TRLOPENH	EUR	0,1400	0,2100	0,1200	1785,5000	8	0,1200	9950				
Certificate	NL0012491450	AEX 504.48L OPENB	EUR	0,0100	0,1250	0,0100	1431,2900	5	0,0810	14990				
Certificate	LU1840975830	AEX 504.7TCIOPENS	EUR											
Certificate	NL0013080344	AEX 504.9TRLOPENH	EUR											
Certificate	LU1840975913	AEX 505.5TCIOPENS	EUR											
Certificate	NL0012572762	AEX 505.5TRLOPENH	EUR											
Certificate	NL0012491872	AEX 505.98L OPENB	EUR	0,0100	0,0100	0,0100	3,0000	1	0,0100	300				
Certificate	NL0012687354	AEX 505.9TL OPENB	EUR	0,9840	0,9840	0,7660	1898,3000	4	0,8960	2414				
Certificate	DE000CY50IQ3	AEX 506.1TL OPENC	EUR	0,8600	1,7800	0,8600	36410,4000	15	1,6300	22150				
Certificate	NL0012515845	AEX 506.2TL OPENH	EUR											
Certificate	DE000CE6F967	AEX 506.2TL OPENZ	EUR											
Certificate	NL0012438352	AEX 506.2TRLOPENH	EUR											
Certificate	LU1840976051	AEX 506.3TCIOPENS	EUR											
Certificate	NL0012687362	AEX 506.4TL OPENB	EUR	0,7120	0,8480	0,7120	1424,0000	1	0,8480	2000				
Certificate	LU1521122546	AEX 506.8TCIOPENS	EUR	0,9900	0,9900	0,9900	4,9500	1	0,9900	5				
Certificate	DE000VN66H88	AEX 506.8TL OPENV	EUR	1,5460	1,5460	1,5460			1,5460					
Certificate	NL0012516355	AEX 506.8TRLOPENH	EUR											
Certificate	NL0012493191	AEX 506.98L OPENB	EUR											
Certificate	DE000CY50JR1	AEX 507.1TL OPENC	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	NL0012515837	AEX 507.2TL OPENH	EUR											
Certificate	NL0012516348	AEX 507.4TRLOPENH	EUR											
Certificate	DE000VL2FL28	AEX 507.6TL OPENV	EUR	1,3520	1,3520	1,3520			1,3520					
Certificate	NL0012777429	AEX 507.7TL OPENB	EUR											
Certificate	DE000VN66HC6	AEX 507.8TL OPENV	EUR	1,4470	1,4470	1,4470			1,4470					
Certificate	DE000CY16MY2	AEX 507.9TL OPENC	EUR	1,7000	2,1500	1,7000	1070,0000	4	1,9900	550				
Certificate	DE000CY50J59	AEX 508.1TL OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	NL0012572754	AEX 508.1TRLOPENH	EUR											
Certificate	LU1840976135	AEX 508.2TCIOPENS	EUR											
Certificate	DE000CE6ENS5	AEX 508.3TL OPENZ	EUR											
Certificate	NL0012572747	AEX 508.6TRLOPENH	EUR											
Certificate	DE000VL76H10	AEX 508.7TL OPENV	EUR	0,2400	1,1200	0,2400	39438,4400	46	0,9580	43505				
Certificate	NL0012778104	AEX 508.8TL OPENB	EUR											
Certificate	NL0012599716	AEX 508.9TL OPENH	EUR											
Certificate	DE000CV4YQ70	AEX 508.9TL OPENZ	EUR											
Certificate	NL0013080336	AEX 509.4TRLOPENH	EUR											
Certificate	NL0012493225	AEX 509.58L OPENB	EUR											
Certificate	DE000CY16QJ4	AEX 509.5TL OPENC	EUR	1,6300	1,8500	1,6100	678,0000	2	1,8500	400				
Certificate	LU1840976218	AEX 509.6TCIOPENS	EUR											
Certificate	NL0012778112	AEX 509.8TL OPENB	EUR											
Certificate	NL0012534549	AEX 510.3TRLOPENH	EUR											
Certificate	DE000VL2FTN7	AEX 510.4TL OPENV	EUR	0,0930	0,0930	0,0930	22,3200	1	0,0930	240				
Certificate	LU1840976309	AEX 510.7TCIOPENS	EUR											
Certificate	NL0012907430	AEX 510.7TL OPENH	EUR											
Certificate	NL0012778120	AEX 510.8TL OPENB	EUR											
Certificate	NL0012516272	AEX 510.9TRLOPENH	EUR											
Certificate	NL0012778377	AEX 511.38L OPENB	EUR											
Certificate	DE000VL2FTP2	AEX 511.4TL OPENV	EUR											
Certificate	NL0012577290	AEX 511.6TRLOPENH	EUR											
Certificate	NL0012600712	AEX 511.7TL OPENH	EUR											
Certificate	LU1840976481	AEX 511.8TCIOPENS	EUR											
Certificate	NL0012778138	AEX 511.8TL OPENB	EUR											
Certificate	NL0012600613	AEX 511.9TRLOPENH	EUR											
Certificate	DE000CE6F959	AEX 512.1TL 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	NL0012779235	AEX 512.38L OPENB	EUR											
Certificate	NL0012778146	AEX 512.3TL OPENB	EUR											
Certificate	DE000VL2FTQ0	AEX 512.4TL OPENV	EUR											
Certificate	NL0013078405	AEX 512.6TRL OPENH	EUR											
Certificate	NL0012600704	AEX 512.7TL OPENH	EUR											
Certificate	NL0013013014	AEX 512.88L OPENB	EUR											
Certificate	NL0013012297	AEX 512.8TL OPENB	EUR											
Certificate	NL0013085467	AEX 512.8TRL OPENH	EUR											
Certificate	NL0013012305	AEX 513.3TL OPENB	EUR											
Certificate	DE000VA712K8	AEX 513.3TL OPENV	EUR											
Certificate	DE000CY519F7	AEX 513.5TL OPENC	EUR											
Certificate	DE000VL2FVN3	AEX 513.7TL OPENV	EUR											
Certificate	NL0013013022	AEX 513.88L OPENB	EUR											
Certificate	LU1696502415	AEX 513.8TCI OPENS	EUR											
Certificate	NL0013012313	AEX 513.8TL OPENB	EUR											
Certificate	DE000CJ3PBD0	AEX 513.9TL OPENZ	EUR											
Certificate	NL0013084270	AEX 513.9TRL OPENH	EUR											
Certificate	LU1841095570	AEX 514.1TCI OPENS	EUR											
Certificate	NL0013012362	AEX 514.3TL OPENB	EUR											
Certificate	DE000VA712N2	AEX 514.3TL OPENV	EUR											
Certificate	NL0013084866	AEX 514.4TL OPENH	EUR											
Certificate	DE000VL2FVP8	AEX 514.7TL OPENV	EUR											
Certificate	NL0013013030	AEX 514.88L OPENB	EUR											
Certificate	NL0013084262	AEX 514.9TRL OPENH	EUR											
Certificate	LU1841095653	AEX 515.2TCI OPENS	EUR											
Certificate	NL0013012370	AEX 515.3TL OPENB	EUR											
Certificate	DE000VA712R3	AEX 515.3TL OPENV	EUR											
Certificate	NL0013084858	AEX 515.4TL OPENH	EUR											
Certificate	NL0013084254	AEX 515.4TRL OPENH	EUR											
Certificate	DE000VL2FVQ6	AEX 515.7TL OPENV	EUR											
Certificate	NL0013013048	AEX 515.88L OPENB	EUR											
Certificate	NL0013084247	AEX 515.9TRL OPENH	EUR											
Certificate	LU1841095737	AEX 516.2TCI OPENS	EUR											
Certificate	NL0013012388	AEX 516.3TL OPENB	EUR											
Certificate	DE000VA712T9	AEX 516.3TL OPENV	EUR											
Certificate	NL0013084841	AEX 516.4TL OPENH	EUR											
Certificate	NL0013084239	AEX 516.4TRL OPENH	EUR											
Certificate	NL0013013055	AEX 516.88L OPENB	EUR											
Certificate	NL0013084221	AEX 516.9TRL OPENH	EUR											
Certificate	DE000VL97520	AEX 517.1TL OPENV	EUR											
Certificate	NL0013012396	AEX 517.3TL OPENB	EUR											
Certificate	DE000VA712U7	AEX 517.3TL OPENV	EUR											
Certificate	NL0013015118	AEX 517.3TS OPENB	EUR	1,8370	1,8370	0,8770	1216954,6000	49	1,0870	1213199				
Certificate	NL0013084833	AEX 517.4TL OPENH	EUR											
Certificate	NL0013084213	AEX 517.4TRL OPENH	EUR											
Certificate	NL0013013063	AEX 517.88L OPENB	EUR											
Certificate	LU1841095810	AEX 517.8TCI OPENS	EUR											
Certificate	NL0013015126	AEX 517.8TS OPENB	EUR	1,2330	1,3580	1,1380	1943,2500	2	1,1380	1500				
Certificate	NL0013084205	AEX 517.9TRL OPENH	EUR											
Certificate	DE000VL97546	AEX 518.1TL OPENV	EUR											
Certificate	NL0013012404	AEX 518.3TL OPENB	EUR											
Certificate	DE000VA712V5	AEX 518.3TL OPENV	EUR											
Certificate	NL0013015134	AEX 518.3TS OPENB	EUR	1,1880	1,1880	1,1880			1,1880					
Certificate	NL0013084825	AEX 518.4TL OPENH	EUR											
Certificate	NL0013084197	AEX 518.4TRL OPENH	EUR											
Certificate	LU1841095901	AEX 518.5TCI OPENS	EUR											
Certificate	NL0013013071	AEX 518.88L OPENB	EUR											
Certificate	DE000CJ3PC99	AEX 518.9TL OPENZ	EUR											
Certificate	NL0013084189	AEX 518.9TRL OPENH	EUR											
Certificate	NL0013013089	AEX 519.38L OPENB	EUR											
Certificate	NL0013012412	AEX 519.3TL OPENB	EUR											
Certificate	DE000VA712W3	AEX 519.3TL OPENV	EUR											
Certificate	NL0013015142	AEX 519.3TS OPENB	EUR	1,6440	1,6440	1,1790	331496,0000	4	1,2890	209000				
Certificate	NL0013084817	AEX 519.4TL OPENH	EUR											
Certificate	NL0013084171	AEX 519.4TRL OPENH	EUR											
Certificate	NL0013013097	AEX 519.88L OPENB	EUR											
Certificate	LU1841096032	AEX 519.8TCI OPENS	EUR											
Certificate	NL0013086457	AEX 519.9TRSO OPENH	EUR	1,6200	1,6200	0,8200	80330,8000	14	0,8800	57410				
Certificate	NL0013012420	AEX 520.3TL OPENB	EUR											
Certificate	DE000VA712X1	AEX 520.3TL OPENV	EUR											
Certificate	LU1859828409	AEX 520.3TCI OPENS	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	NL0013015159	AEX 520.3TS OPENB	EUR	1,6750	1,6750	1,3900	1675,0000	1	1,3900	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	NL0013084809	AEX 520.4TL OPENH	EUR											
Certificate	NL0013086440	AEX 520.4TRSOPEHH	EUR	1,6600	1,6600	0,8700	23754,0000	10	0,9300	17600				
Certificate	LU1841096115	AEX 520.8TCIOPENS	EUR											
Certificate	NL0013086432	AEX 520.9TRSOPEHH	EUR	0,9800	1,1100	0,9800	2090,0000	2	0,9800	2000				
Certificate	DE000C3PJ0D3	AEX 520.9TS OPENZ	EUR	0,6270	0,6270	0,6270			0,6270					
Certificate	LU1859828581	AEX 521.2TPIOPENS	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0013012438	AEX 521.3TL OPENB	EUR											
Certificate	DE000VA712Y9	AEX 521.3TL OPENV	EUR											
Certificate	NL0013015167	AEX 521.3TS OPENB	EUR	1,3660	1,6960	1,3660	29660,0000	5	1,4910	20000				
Certificate	NL0013084791	AEX 521.4TL OPENH	EUR											
Certificate	NL0013086424	AEX 521.4TRSOPEHH	EUR	1,4900	1,4900	1,0300	1490,0000	1	1,0300	1000				
Certificate	LU1841096206	AEX 521.6TCIOPENS	EUR											
Certificate	NL0013086416	AEX 521.9TRSOPEHH	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	LU1859828664	AEX 522.1TPIOPENS	EUR	0,9900	1,1100	0,9900	198,0000	1	1,1100	200				
Certificate	NL0013014582	AEX 522.2BS OPENB	EUR	1,9480	1,9480	0,9780	230137,6100	64	1,1630	199824				
Certificate	NL0013012446	AEX 522.3TL OPENB	EUR											
Certificate	NL0013015175	AEX 522.3TS OPENB	EUR	1,5920	1,5920	1,5920			1,5920					
Certificate	NL0013084783	AEX 522.4TL OPENH	EUR											
Certificate	NL0013086408	AEX 522.4TRSOPEHH	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	NL0013014590	AEX 522.7BS OPENB	EUR	1,8280	1,8280	1,1730	600,2000	2	1,2130	400				
Certificate	LU1841096388	AEX 522.7TCIOPENS	EUR											
Certificate	LU1859828748	AEX 522.7TPIOPENS	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	NL0013086390	AEX 522.9TRSOPEHH	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	NL0013014608	AEX 523.2BS OPENB	EUR	1,2830	1,2830	1,1370	1963,8000	3	1,2630	1600				
Certificate	NL0013012453	AEX 523.3TL OPENB	EUR											
Certificate	NL0013015183	AEX 523.3TS OPENB	EUR	1,6930	1,6930	1,6930			1,6930					
Certificate	NL0013084775	AEX 523.4TL OPENH	EUR											
Certificate	NL0013086382	AEX 523.4TRSOPEHH	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0013086374	AEX 523.9TRSOPEHH	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000VA8FVU8	AEX 524.1TS OPENV	EUR	1,3320	1,3320	1,3320			1,3320					
Certificate	NL0013014616	AEX 524.2BS OPENB	EUR	1,7730	1,7730	1,2330	2762,3400	4	1,3630	1887				
Certificate	NL0013012461	AEX 524.3TL OPENB	EUR											
Certificate	NL0013015191	AEX 524.3TS OPENB	EUR	1,8340	1,8340	1,7940	1831,5000	2	1,7940	1000				
Certificate	NL0013084767	AEX 524.4TL OPENH	EUR											
Certificate	NL0013086366	AEX 524.4TRSOPEHH	EUR	1,1600	1,3200	1,1600	2868,0000	2	1,3200	2400				
Certificate	NL0013012479	AEX 524.8TL OPENB	EUR											
Certificate	NL0013086358	AEX 524.9TRSOPEHH	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000VA8FVW4	AEX 525.1TS OPENV	EUR	1,4280	1,4280	1,4280			1,4280					
Certificate	NL0013014624	AEX 525.2BS OPENB	EUR	1,2970	1,4620	1,2970	972,7500	1	1,4620	750				
Certificate	NL0013012487	AEX 525.3TL OPENB	EUR											
Certificate	NL0013015209	AEX 525.3TS OPENB	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	NL0013084759	AEX 525.4TL OPENH	EUR											
Certificate	DE000C3PGW9	AEX 525.6TS OPENZ	EUR	2,1320	2,1320	1,4660	955,0000	2	1,4660	500				
Certificate	NL0013086341	AEX 525.9TRSOPEHH	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000C3PJE1	AEX 525.9TS OPENZ	EUR	0,7780	0,8300	0,7690	792,0700	2	0,8300	1024				
Certificate	DE000VA8FVZ7	AEX 526.1TS OPENV	EUR	1,5240	1,5240	1,5240			1,5240					
Certificate	NL0013014632	AEX 526.2BS OPENB	EUR	1,5020	1,5620	1,4920	450,6000	1	1,5620	300				
Certificate	NL0013015217	AEX 526.3TS OPENB	EUR	1,9960	1,9960	1,9960			1,9960					
Certificate	LU1859828821	AEX 526.7TPIOPENS	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	NL0013086333	AEX 526.9TRSOPEHH	EUR	1,7100	1,7100	1,5600	413,8200	1	1,5600	242				
Certificate	NL0013082746	AEX 526.9TRSOPEHH	EUR											
Certificate	DE000VA8FV35	AEX 527.1TS OPENV	EUR	1,6210	1,6210	1,6210			1,6210					
Certificate	NL0013014640	AEX 527.2BS OPENB	EUR	1,6620	1,6620	1,6620			1,6620					
Certificate	LU1859829043	AEX 527.3TPIOPENS	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	NL0013015225	AEX 527.3TS OPENB	EUR	2,0970	2,0970	2,0970			2,0970					
Certificate	NL0013082738	AEX 527.4TRSOPEHH	EUR											
Certificate	NL0013084031	AEX 527.4TS OPENH	EUR											
Certificate	DE000C3PGX7	AEX 527.6TS OPENZ	EUR	1,5090	1,6680	1,5090	2073,9500	3	1,6600	1302				
Certificate	NL0013086325	AEX 527.9TRSOPEHH	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	NL0013082720	AEX 527.9TRSOPEHH	EUR											
Certificate	DE000C3N971	AEX 527.9TS OPENZ	EUR											
Certificate	DE000VA8FV50	AEX 528.1TS OPENV	EUR	1,7170	1,7170	1,7170			1,7170					
Certificate	NL0013014657	AEX 528.2BS OPENB	EUR	1,7410	1,7620	1,7360	417,8400	1	1,7620	240				
Certificate	NL0013015233	AEX 528.3TS OPENB	EUR	2,1980	2,1980	2,1980			2,1980					
Certificate	NL0013082712	AEX 528.4TRSOPEHH	EUR											
Certificate	NL0013081342	AEX 528.4TS OPENH	EUR											
Certificate	NL0013082704	AEX 528.9TRSOPEHH	EUR											
Certificate	NL0013086317	AEX 528.9TRSOPEHH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000VA8FV76	AEX 529.1TS OPENV	EUR	1,8130	1,8130	1,8130			1,8130					
Certificate	NL0013014665	AEX 529.2BS OPENB	EUR	1,8620	1,8620	1,8620			1,8620					
Certificate	NL0013014004	AEX 529.3TS OPENB	EUR	3,0720	3,0720	2,1070	154734,2500	65	2,2910	57816				
Certificate	NL0013082696	AEX 529.4TRSOPEHH	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	NL0013081334	AEX 529.4TS OPENH	EUR											
Certificate	DE000CJ3PGY5	AEX 529.6TS OPENZ	EUR	1,8540	1,8540	1,8540			1,8540					
Certificate	NL0013014012	AEX 529.8TS OPENB	EUR	3,1530	3,1530	2,1680	61713,6000	18	2,3430	24700				
Certificate	DE000CJ3N351	AEX 529.8TS OPENZ	EUR											
Certificate	NL0013086309	AEX 529.9TRSOPENH	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0013082688	AEX 529.9TRSOPENH	EUR											
Certificate	DE000VA8FWA8	AEX 530.1TS OPENV	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0013014673	AEX 530.2BS OPENB	EUR	1,9980	1,9980	1,8770	2331,1100	2	1,9620	1177				
Certificate	NL0013014020	AEX 530.3TS OPENB	EUR	3,1130	3,1530	2,2430	40808,9000	16	2,3930	14800				
Certificate	NL0013082670	AEX 530.4TRSOPENH	EUR											
Certificate	NL0013081326	AEX 530.4TS OPENH	EUR											
Certificate	NL0013086291	AEX 530.9TRSOPENH	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0013082662	AEX 530.9TRSOPENH	EUR											
Certificate	DE000CJ3PFB5	AEX 530.9TS OPENZ	EUR	1,3130	1,3130	0,9840	33709,2300	29	1,0280	31419				
Certificate	DE000VA8FWD2	AEX 531.1TS OPENV	EUR	2,0060	2,0060	2,0060			2,0060					
Certificate	NL0013014681	AEX 531.2BS OPENB	EUR	2,0620	2,0620	2,0620			2,0620					
Certificate	NL0013014038	AEX 531.3TS OPENB	EUR	3,1890	3,2240	2,3290	15069,7000	4	2,4940	5300				
Certificate	NL0013081318	AEX 531.4TS OPENH	EUR											
Certificate	NL0013081847	AEX 531.5TRSOPENH	EUR											
Certificate	DE000CJ3PGZ2	AEX 531.6TS OPENZ	EUR	2,0490	2,0490	2,0490			2,0490					
Certificate	DE000CJ3N369	AEX 531.8TS OPENZ	EUR											
Certificate	NL0013086283	AEX 531.9TRSOPENH	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000VA8FWG5	AEX 532.1TS OPENV	EUR	2,1010	2,1010	2,1010			2,1010					
Certificate	NL0013014699	AEX 532.2BS OPENB	EUR	2,0870	2,1920	1,9800	78164,9400	43	2,1620	37045				
Certificate	NL0013014046	AEX 532.3TS OPENB	EUR	2,5700	2,6050	2,5400	41334,5000	13	2,5950	16200				
Certificate	NL0013081300	AEX 532.4TS OPENH	EUR											
Certificate	NL0013081821	AEX 532.5TRSOPENH	EUR											
Certificate	NL0013080328	AEX 532.8TRSOPENH	EUR											
Certificate	DE000VA8FWL5	AEX 533.1TS OPENV	EUR	2,1970	2,1970	2,1970			2,1970					
Certificate	NL0013008329	AEX 533.2BS OPENB	EUR	3,0330	3,0830	2,0480	316317,2800	507	2,2580	133526				
Certificate	NL0013080310	AEX 533.3TRSOPENH	EUR											
Certificate	NL0013009335	AEX 533.3TS OPENB	EUR	2,6570	2,9020	2,5770	25113,0000	6	2,6920	9000				
Certificate	NL0013080302	AEX 533.4TRSOPENH	EUR	2,9800	2,9800	2,0400	277053,1800	87	2,2000	119753				
Certificate	NL0013081292	AEX 533.4TS OPENH	EUR											
Certificate	DE000CJ3N7X0	AEX 533.5TS OPENZ	EUR	3,0180	3,0210	2,1100	79371,6600	50	2,2390	32012				
Certificate	NL0013080294	AEX 533.9TRSOPENH	EUR	3,0700	3,0700	2,1500	56040,0000	6	2,2500	22250				
Certificate	NL0013008337	AEX 534.1BS OPENB	EUR	3,1670	3,1870	2,3570	13957,8000	3	2,3570	4400				
Certificate	NL0013009343	AEX 534.3TS OPENB	EUR	2,7980	2,7980	2,6980	136900,0000	2	2,7930	50000				
Certificate	LU1840973546	AEX 534.4TPIOPENS	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	NL0013080286	AEX 534.4TRSOPENH	EUR	3,1200	3,1200	2,3000	1868,0000	2	2,3000	650				
Certificate	DE000VA71P91	AEX 534.4TS OPENV	EUR	2,2910	2,2910	2,2910			2,2910					
Certificate	NL0013080278	AEX 534.9TRSOPENH	EUR	3,1300	3,1300	2,1900	118635,0000	16	2,3500	50500				
Certificate	NL0013008345	AEX 535.1BS OPENB	EUR	3,2320	3,2520	2,2470	56278,8700	16	2,4570	20810				
Certificate	LU1840973629	AEX 535.3TPIOPENS	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	NL0013009350	AEX 535.3TS OPENB	EUR	3,5240	3,5240	2,8940	143679,9000	6	2,8940	45100				
Certificate	NL0013080260	AEX 535.4TRSOPENH	EUR	3,1900	3,2000	2,2500	16940,0000	6	2,4000	6500				
Certificate	DE000VA71QA8	AEX 535.4TS OPENV	EUR	2,3870	2,3870	2,3870			2,3870					
Certificate	DE000CJ3N377	AEX 535.4TS OPENZ	EUR	3,2000	3,2000	2,3390	5648,4600	4	2,4200	1822				
Certificate	NL0013080252	AEX 535.9TRSOPENH	EUR	2,3900	2,4500	2,3900	6253,0000	2	2,4500	2600				
Certificate	DE000CJ3N5T2	AEX 535.9TS OPENZ	EUR	3,7560	3,8230	3,0270	28402,5000	7	3,0270	7500				
Certificate	NL0013008352	AEX 536.1BS OPENB	EUR	3,3270	3,3370	2,3980	110066,9600	44	2,5570	42626				
Certificate	LU1840973892	AEX 536.2TPIOPENS	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	NL0013009368	AEX 536.3TS OPENB	EUR	3,7100	3,7200	2,9050	22977,2500	8	2,9950	7550				
Certificate	NL0013080245	AEX 536.4TRSOPENH	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000VA71QB6	AEX 536.4TS OPENV	EUR	2,4830	2,4830	2,4830			2,4830					
Certificate	NL0013080237	AEX 536.9TRSOPENH	EUR	3,2700	3,2700	2,5500	2943,0000	1	2,5500	900				
Certificate	NL0013008360	AEX 537.1BS OPENB	EUR	3,3720	3,3720	2,5920	1330,6900	2	2,6570	396				
Certificate	LU1840973975	AEX 537.3TPIOPENS	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	NL0013009376	AEX 537.3TS OPENB	EUR	3,9260	3,9260	3,0960	1882,0000	3	3,0960	500				
Certificate	NL0013080229	AEX 537.4TRSOPENH	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	DE000VA71QC4	AEX 537.4TS OPENV	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	DE000CJ3PEE2	AEX 537.5TS OPENZ	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0013080211	AEX 537.9TRSOPENH	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0013008378	AEX 538.1BS OPENB	EUR	2,7570	2,7570	2,7570			2,7570					
Certificate	NL0013009384	AEX 538.3TS OPENB	EUR	3,1960	3,1960	3,1960			3,1960					
Certificate	NL0013080203	AEX 538.4TRSOPENH	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000VA71QD2	AEX 538.4TS OPENV	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	LU1840974197	AEX 538.5TPIOPENS	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	NL0013080195	AEX 538.9TRSOPENH	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	NL0013008386	AEX 539.1BS OPENB	EUR	2,8570	2,8570	2,8570			2,8570					
Certificate	NL0013007073	AEX 539.2TS OPENB	EUR	4,0000	4,0000	3,2450	9782,3000	4	3,2900	2590				
Certificate	NL0013080187	AEX 539.4TRSOPENH	EUR	3,2700	3,2700	2,8000	327,0000	1	2,8000	100				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71QE0	AEX 539.4TS OPENV	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	DE000CJ3N385	AEX 539.4TS OPENZ	EUR	3,5250	3,5250	2,8130	10859,9500	4	2,8130	3150				
Certificate	NL0013007081	AEX 539.7TS OPENB	EUR	4,0450	4,0450	3,3300	7405,8000	7	3,3400	2007				
Certificate	NL0013080179	AEX 539.9TRSOPENH	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	NL0013008394	AEX 540.1BS OPENB	EUR	3,0440	3,0490	2,9570	1522,0000	1	2,9570	500				
Certificate	NL0013007099	AEX 540.2TS OPENB	EUR	3,3910	3,3910	3,3910			3,3910					
Certificate	NL0013080161	AEX 540.4TRSOPENH	EUR	2,8400	2,9000	2,8400	142,0000	1	2,9000	50				
Certificate	DE000VA71QF7	AEX 540.4TS OPENV	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	NL0013007107	AEX 540.7TS OPENB	EUR	4,0010	4,0060	3,4310	1526,4000	3	3,4410	400				
Certificate	NL0013080153	AEX 540.9TRSOPENH	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CJ3N1E3	AEX 540.9TS OPENZ	EUR	3,5380	3,5380	3,5180	353,8000	1	3,5180	100				
Certificate	NL0013008402	AEX 541.1BS OPENB	EUR	3,0570	3,0570	3,0570			3,0570					
Certificate	NL0013007115	AEX 541.2TS OPENB	EUR	4,2620	4,2720	3,3820	7763,3000	6	3,4920	2150				
Certificate	NL0013080146	AEX 541.4TRSOPENH	EUR	3,7300	3,7300	2,8300	46675,0000	10	3,0000	15000				
Certificate	DE000VA71QG5	AEX 541.4TS OPENV	EUR	2,9790	2,9790	2,9790			2,9790					
Certificate	DE000CJ3N7Z5	AEX 541.5TS OPENZ	EUR	3,7500	3,7500	3,0240	7500,0000	2	3,0240	2000				
Certificate	LU1841095497	AEX 541.7TPIOPENS	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	NL0013006380	AEX 541.7TS OPENB	EUR	3,5380	3,5380	3,5380			3,5380					
Certificate	NL0013080138	AEX 541.9TRSOPENH	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0013008410	AEX 542.1BS OPENB	EUR	3,1560	3,1560	3,1560			3,1560					
Certificate	NL0013006398	AEX 542.2TS OPENB	EUR	3,5890	3,5890	3,5890			3,5890					
Certificate	NL0013080120	AEX 542.4TRSOPENH	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000VA71QH3	AEX 542.4TS OPENV	EUR	3,0790	3,0790	3,0790			3,0790					
Certificate	NL0013006406	AEX 542.7TS OPENB	EUR	3,5190	3,7040	3,5190	3609,0000	2	3,6390	1000				
Certificate	NL0013080112	AEX 542.9TRSOPENH	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	NL0013079015	AEX 542.9TS OPENH	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	NL0013008428	AEX 543.1BS OPENB	EUR	4,0110	4,0110	3,2560	137,8900	2	3,2560	35				
Certificate	NL0013080104	AEX 543.4TRSOPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000VA71QJ9	AEX 543.4TS OPENV	EUR	3,1790	3,1790	3,1790			3,1790					
Certificate	DE000CJ3N708	AEX 543.5TS OPENZ	EUR	3,2220	3,2220	3,2220			3,2220					
Certificate	NL0013006414	AEX 543.7TS OPENB	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	NL0013080096	AEX 543.9TRSOPENH	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0013079007	AEX 543.9TS OPENH	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	NL0013008436	AEX 544.1BS OPENB	EUR	3,3560	3,3560	3,3560			3,3560					
Certificate	LU1840959552	AEX 544.3TPIOPENS	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	NL0013080088	AEX 544.4TRSOPENH	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000VA71QK7	AEX 544.4TS OPENV	EUR	3,2790	3,2790	3,2790			3,2790					
Certificate	NL0013006810	AEX 544.6BS OPENB	EUR	4,0120	4,0120	3,4020	13688,9500	4	3,4020	3600				
Certificate	NL0013006422	AEX 544.7TS OPENB	EUR	3,8960	4,0960	3,8410	9068,6000	2	3,8410	2225				
Certificate	NL0013079478	AEX 544.9TRSOPENH	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	NL0013078991	AEX 544.9TS OPENH	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	NL0013006828	AEX 545.1BS OPENB	EUR	3,4520	3,4520	3,4520			3,4520					
Certificate	LU1840909888	AEX 545.3TPIOPENS	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	DE000CJ3NOP1	AEX 545.3TS OPENZ	EUR	3,9990	3,9990	3,3990	764,1800	2	3,3990	198				
Certificate	NL0013079460	AEX 545.4TRSOPENH	EUR	4,1900	4,1900	3,4000	1198,5000	2	3,4000	300				
Certificate	DE000VA71QL5	AEX 545.4TS OPENV	EUR	3,3790	3,3790	3,3790			3,3790					
Certificate	NL0013006836	AEX 545.6BS OPENB	EUR	3,5020	3,5020	3,5020			3,5020					
Certificate	NL0013006430	AEX 545.7TS OPENB	EUR	3,9420	3,9420	3,9420			3,9420					
Certificate	NL0013079452	AEX 545.9TRSOPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	NL0013078983	AEX 545.9TS OPENH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000CJ3N1F0	AEX 545.9TS OPENZ	EUR	4,0230	4,0230	4,0230			4,0230					
Certificate	NL0013006844	AEX 546.1BS OPENB	EUR	3,5520	3,5520	3,5520			3,5520					
Certificate	NL0013079445	AEX 546.4TRSOPENH	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	NL0013006067	AEX 546.5BS OPENB	EUR	3,5960	3,5960	3,5960			3,5960					
Certificate	DE000VA77DZ8	AEX 546.5TS OPENV	EUR	3,4680	3,4680	3,4680			3,4680					
Certificate	NL0013005291	AEX 546.7TS OPENB	EUR	4,0390	4,0390	4,0390			4,0390					
Certificate	LU1840959636	AEX 546.8TPIOPENS	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	NL0013079437	AEX 546.9TRSOPENH	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	NL0013078975	AEX 546.9TS OPENH	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	NL0013005309	AEX 547.2TS OPENB	EUR	4,8000	4,8600	3,8900	19198,0000	10	4,0900	4400				
Certificate	DE000CJ3NOQ9	AEX 547.3TS OPENZ	EUR	3,5970	3,5970	3,5970			3,5970					
Certificate	NL0013079429	AEX 547.4TRSOPENH	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	NL0013006083	AEX 547.5BS OPENB	EUR	3,6470	3,6960	3,6470	7308,0000	2	3,6960	2000				
Certificate	DE000VA77BF4	AEX 547.5TS OPENV	EUR	3,5650	3,5650	3,5650			3,5650					
Certificate	LU1840959719	AEX 547.6TPIOPENS	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0013005317	AEX 547.7TS OPENB	EUR	4,8800	4,8800	4,1400	258,6400	1	4,1400	53				
Certificate	NL0013078355	AEX 547.8TRSOPENH	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	NL0013078967	AEX 547.9TS OPENH	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	NL0013078348	AEX 548.3TRSOPENH	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	NL0013006091	AEX 548.5BS OPENB	EUR	4,3010	4,3010	3,6560	165397,0200	27	3,7960	43000				
Certificate	DE000VA77BH0	AEX 548.5TS OPENV	EUR	3,6640	3,6640	3,6640			3,6640					
Certificate	NL0013005325	AEX 548.7TS OPENB	EUR	4,7460	4,7460	4,2410	11865,0000	1	4,2410	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	NL0013078330	AEX 548.8TRSOPENH	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	NL0013078959	AEX 548.9TS OPENH	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	LU1840909961	AEX 549.1TPIOPENS	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0013078322	AEX 549.3TRSOPENH	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000CJ3NOR7	AEX 549.3TS OPENZ	EUR	4,4930	4,4930	3,7950	14915,5000	3	3,7950	3500				
Certificate	NL0013006109	AEX 549.5BS OPENB	EUR	4,0060	4,0060	3,7550	6903,9000	7	3,8960	1800				
Certificate	DE000VA7TBK4	AEX 549.5TS OPENV	EUR	3,7640	3,7640	3,7640			3,7640					
Certificate	NL0013005333	AEX 549.7TS OPENB	EUR	4,3420	4,3420	4,3420			4,3420					
Certificate	LU1840910035	AEX 549.8TPIOPENS	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	NL0013078314	AEX 549.8TRSOPENH	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	NL0013078942	AEX 549.9TS OPENH	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	NL0013078306	AEX 550.3TRSOPENH	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	NL0013005010	AEX 550.5BS OPENB	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000VA7TBM0	AEX 550.5TS OPENV	EUR	3,8640	3,8640	3,8640			3,8640					
Certificate	LU1840910118	AEX 550.6TPIOPENS	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	NL0013005341	AEX 550.7TS OPENB	EUR	4,4430	4,4430	4,4430			4,4430					
Certificate	NL0013078298	AEX 550.8TRSOPENH	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	NL0012907802	AEX 550.8TS OPENH	EUR	5,0200	5,0200	4,5800	10040,0000	1	4,5800	2000				
Certificate	DE000CJ3N229	AEX 550.9TS OPENZ	EUR	4,5230	4,5230	4,5230			4,5230					
Certificate	NL0013078280	AEX 551.3TRSOPENH	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000CJ3N055	AEX 551.3TS OPENZ	EUR	3,9930	3,9930	3,9930			3,9930					
Certificate	NL0013005036	AEX 551.5BS OPENB	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	LU1840910209	AEX 551.5TPIOPENS	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000VA7TBN8	AEX 551.5TS OPENV	EUR	3,9640	3,9640	3,9640			3,9640					
Certificate	NL0013005358	AEX 551.7TS OPENB	EUR	4,5430	4,5430	4,5430			4,5430					
Certificate	NL0013078272	AEX 551.8TRSOPENH	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0013078264	AEX 552.3TRSOPENH	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	NL0013005044	AEX 552.5BS OPENB	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	LU1840910381	AEX 552.5TPIOPENS	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000VA7TBP3	AEX 552.5TS OPENV	EUR	4,0640	4,0640	4,0640			4,0640					
Certificate	NL0013005366	AEX 552.7TS OPENB	EUR	4,9140	4,9190	4,6440	1081,0800	1	4,6440	220				
Certificate	NL0013078256	AEX 552.8TRSOPENH	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	NL0013078934	AEX 552.9TS OPENH	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	DE000CV8B9P6	AEX 553.2TS OPENZ	EUR	4,1740	4,1740	4,1740			4,1740					
Certificate	NL0012995278	AEX 553.3BS OPENB	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	NL0012896997	AEX 553.3TRSOPENH	EUR	4,1700	4,1800	4,1700	625,5000	1	4,1800	150				
Certificate	DE000VA7TBR9	AEX 553.5TS OPENV	EUR	4,1640	4,1640	4,1640			4,1640					
Certificate	NL0012895908	AEX 553.6TS OPENH	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	NL0012994958	AEX 553.7TS OPENB	EUR	5,7930	5,8030	5,2980	30177,2500	3	5,3180	5250				
Certificate	NL0013005374	AEX 553.7TS OPENB	EUR	5,2500	5,2550	4,7450	51400,0000	2	4,7450	10000				
Certificate	NL0012995286	AEX 553.8BS OPENB	EUR	4,3250	4,3250	4,3250			4,3250					
Certificate	NL0012896989	AEX 553.8TRSOPENH	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	NL0012896971	AEX 554.3TRSOPENH	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	NL0012895890	AEX 554.6TS OPENH	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	NL0012995294	AEX 554.8BS OPENB	EUR	4,5070	4,6610	4,3450	1350,3000	3	4,4240	300				
Certificate	DE000CV8B9Q4	AEX 555.2TS OPENZ	EUR	4,3730	4,3730	4,3730			4,3730					
Certificate	NL0012902571	AEX 555.3TRSOPENH	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	LU1817216853	AEX 555.4TPIOPENS	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	NL0012994974	AEX 555.7TS OPENB	EUR	5,5210	5,5210	5,5210			5,5210					
Certificate	DE000VAD67P4	AEX 555.7TS OPENV	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	NL0012995302	AEX 555.8BS OPENB	EUR	4,5240	4,5240	4,5240			4,5240					
Certificate	DE000CV8B9D2	AEX 555.9TS OPENZ	EUR	2,2850	2,2850	2,0880	9046,8800	4	2,0880	4025				
Certificate	NL0012895270	AEX 556.1TRSOPENH	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	LU1817216937	AEX 556.2TPIOPENS	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	NL0012895874	AEX 556.6TS OPENH	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	DE000VAD67R0	AEX 556.7TS OPENV	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	NL0012994610	AEX 556.8BS OPENB	EUR	4,6180	4,6180	4,6180			4,6180					
Certificate	NL0012900823	AEX 556.9TRSOPENH	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	LU1817217075	AEX 557.2TPIOPENS	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000CJ3NX05	AEX 557.4TS OPENZ	EUR	4,5920	4,5920	4,5920			4,5920					
Certificate	NL0012903744	AEX 557.6TS OPENH	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0012994990	AEX 557.7TS OPENB	EUR	5,7240	5,7240	5,7240			5,7240					
Certificate	DE000VAD67T6	AEX 557.7TS OPENV	EUR	4,4590	4,4590	4,4590			4,4590					
Certificate	NL0012994628	AEX 557.8BS OPENB	EUR	4,7180	4,7180	4,7180			4,7180					
Certificate	NL0012906283	AEX 557.9TRSOPENH	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	LU1817217158	AEX 558.3TPIOPENS	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	NL0012895262	AEX 558.6TRSOPENH	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	NL0012994636	AEX 558.7BS OPENB	EUR	5,5720	5,5720	4,8170	557,2000	1	4,8170	100				
Certificate	NL0012995005	AEX 558.7TS OPENB	EUR	5,7410	5,8260	5,7310	1142,4600	1	5,8260	199				
Certificate	DE000VAD67V2	AEX 558.7TS OPENV	EUR	4,5230	4,5590	4,5205	4531,5000	2	4,5590	1000				
Certificate	DE000CV8B8R4	AEX 559.1TS OPENZ	EUR	4,7650	4,7650	4,7650			4,7650					
Certificate	LU1817215533	AEX 559.2TPIOPENS	EUR	4,5700	4,5700	4,5700			4,5700					



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	NL0012902563	AEX 559.3TRSOPENH	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	NL0012994644	AEX 559.7BS OPENB	EUR	4,8510	4,9170	4,8510	1697,8500	1	4,9170	350				
Certificate	NL0012995013	AEX 559.7TS OPENB	EUR	5,9280	5,9280	5,9280			5,9280					
Certificate	DE000VAGD7X8	AEX 559.7TS OPENV	EUR	4,6580	4,6580	4,6580			4,6580					
Certificate	NL0012895239	AEX 560.1TRSOPENH	EUR	5,4500	5,4500	4,8500	515,0000	2	4,8600	100				
Certificate	LU1817215616	AEX 560.2TPIOPENS	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	DE000CV88383	AEX 560.4TS OPENZ	EUR											
Certificate	DE000VAGD723	AEX 560.7TS OPENV	EUR	4,7580	4,7580	4,7580			4,7580					
Certificate	NL0013079700	AEX 560.9TRSOPENH	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	DE000CV88862	AEX 560.9TS OPENZ	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	DE000CV8AGX2	AEX 561.1TL OPENZ	EUR											
Certificate	NL0012895213	AEX 561.1TRSOPENH	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	DE000CV88852	AEX 561.1TS OPENZ	EUR	4,9640	4,9640	4,9640			4,9640					
Certificate	LU1817215707	AEX 561.3TPIOPENS	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	NL0012895841	AEX 561.6TS OPENH	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	DE000VAGD5A0	AEX 561.7TS OPENV	EUR	4,8540	4,8540	4,8540			4,8540					
Certificate	DE000CV88375	AEX 561.8TL OPENZ	EUR											
Certificate	NL0012902555	AEX 561.8TRSOPENH	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	NL0012938708	AEX 562.5TRSOPENH	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	NL0012994461	AEX 562.6TS OPENB	EUR	6,9540	6,9540	6,0440	8868,1000	4	6,2290	1400				
Certificate	NL0012989495	AEX 562.7BS OPENB	EUR	5,2110	5,2110	5,2110			5,2110					
Certificate	LU1817215889	AEX 562.7TPIOPENS	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	DE000VAGD588	AEX 562.7TS OPENV	EUR	4,9540	4,9540	4,9540			4,9540					
Certificate	DE000CV8AYJ4	AEX 562.9TS OPENZ	EUR	5,1410	5,1410	5,1410			5,1410					
Certificate	NL0012994172	AEX 563.1TS OPENB	EUR	6,2760	6,2760	6,2760			6,2760					
Certificate	NL0012989503	AEX 563.2BS OPENB	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	NL0012902548	AEX 563.3TRSOPENH	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	NL0012994180	AEX 563.6TS OPENB	EUR	6,8620	6,8620	6,3270	4194,9300	4	6,3270	625				
Certificate	NL0012989511	AEX 563.7BS OPENB	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	DE000VAGD5C6	AEX 563.7TS OPENV	EUR	5,0530	5,0530	5,0530			5,0530					
Certificate	NL0012937825	AEX 563.8TS OPENH	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	NL0012988992	AEX 564.1TS OPENB	EUR	6,8940	6,8940	6,3840	30333,6000	1	6,3840	4400				
Certificate	NL0012989529	AEX 564.2BS OPENB	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	LU1817128645	AEX 564.2TPIOPENS	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	NL0012903736	AEX 564.6TS OPENH	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000VAGD5D4	AEX 564.7TS OPENV	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	NL0012902530	AEX 564.8TRSOPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	DE000CV8AX75	AEX 564.8TS OPENZ	EUR	5,3350	5,3350	5,3350			5,3350					
Certificate	NL0012989016	AEX 565.1TS OPENB	EUR	6,4850	6,4850	6,4850			6,4850					
Certificate	NL0012989537	AEX 565.2BS OPENB	EUR	5,4590	5,4590	5,4590			5,4590					
Certificate	NL0012902522	AEX 565.3TRSOPENH	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	NL0012903728	AEX 565.6TS OPENH	EUR	6,3200	6,3200	6,0800	94,8000	1	6,0800	15				
Certificate	DE000CV8AUM6	AEX 565.9TS OPENZ	EUR	2,4830	2,5530	2,4830	238,6900	2	2,4920	95				
Certificate	NL0012989545	AEX 566.2BS OPENB	EUR	5,5580	5,5580	5,5580			5,5580					
Certificate	NL0012905913	AEX 566.7TRSOPENH	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	DE000CV8AX83	AEX 566.8TS OPENZ	EUR	5,5340	5,5340	5,5340			5,5340					
Certificate	NL0012989032	AEX 567.1TS OPENB	EUR	6,6890	6,6890	6,6890			6,6890					
Certificate	NL0012937445	AEX 567.2TRSOPENH	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	LU1816981952	AEX 567.3TPIOPENS	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	NL0012937783	AEX 567.7TS OPENH	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	NL0012902514	AEX 567.8TRSOPENH	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	NL0012988810	AEX 568.1BS OPENB	EUR	5,7520	5,7520	5,7520			5,7520					
Certificate	NL0012904213	AEX 568.1TRSOPENH	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	NL0012988828	AEX 568.6BS OPENB	EUR	6,5560	6,5560	5,6650	43484,9000	8	5,8010	7450				
Certificate	NL0012988562	AEX 568.6TS OPENB	EUR	6,8380	6,8380	6,8380			6,8380					
Certificate	NL0012903710	AEX 568.6TS OPENH	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	NL0012860340	AEX 568.8TRSOPENH	EUR	6,5400	6,5700	5,5500	20332,3500	77	5,7400	3476				
Certificate	LU1816980558	AEX 568.9TPIOPENS	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	NL0012901698	AEX 569.3TRSOPENH	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	NL0012903702	AEX 569.6TS OPENH	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	LU1816980632	AEX 569.7TPIOPENS	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0012849558	AEX 569.7TRSOPENH	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	NL0012586895	AEX 570.1TRSOPENH	EUR	6,6800	6,6800	5,8700	6680,0000	1	5,8700	1000				
Certificate	NL0012988596	AEX 570.1TS OPENB	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	NL0012849541	AEX 570.2TRSOPENH	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	NL0012792329	AEX 570.2TS OPENB	EUR	7,5730	7,5730	6,9780	757,3000	1	6,9780	100				
Certificate	DE000CE6F9N5	AEX 570.5TS OPENZ	EUR	5,9070	5,9070	5,9070			5,9070					
Certificate	NL0012982086	AEX 570.6BS OPENB	EUR	6,3900	6,3900	6,0000	1917,0000	1	6,0000	300				
Certificate	NL0012988604	AEX 570.6TS OPENB	EUR	7,0410	7,0410	7,0410			7,0410					
Certificate	NL0012791685	AEX 570.6TS OPENB	EUR	7,0240	7,0240	7,0240			7,0240					
Certificate	NL0012849533	AEX 570.7TRSOPENH	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	DE000CV4YQH3	AEX 570.9TS OPENZ	EUR	2,7690	2,7690	2,6920	24,9200	1	2,6920	9				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012175699	AEX 571.1TRSOPENH	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	NL0012262042	AEX 571.5TS OPENB	EUR	7,1020	7,1020	7,1020			7,1020					
Certificate	NL0012903991	AEX 571.6TRSOPENH	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	NL0012535876	AEX 571.9TS OPENH	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	NL0012903983	AEX 572.1TRSOPENH	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	LU1816971136	AEX 572.2TPIOPENS	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0012982102	AEX 572.6BS OPENB	EUR	6,1980	6,1980	6,1980			6,1980					
Certificate	NL0012860316	AEX 572.8TRSOPENH	EUR	6,1300	6,1300	6,1300			6,1300					
Certificate	DE000CV8AU03	AEX 572.9TS OPENZ	EUR	6,1390	6,1390	6,1390			6,1390					
Certificate	NL0012982672	AEX 573.2BS OPENB	EUR	6,2640	6,2640	6,2640			6,2640					
Certificate	LU1816971219	AEX 573.2TPIOPENS	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	NL0012860589	AEX 573.3TRSOPENH	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	NL0012531586	AEX 573.3TS OPENH	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	DE000CE6C2Q6	AEX 573.9TS OPENZ	EUR	7,0560	7,0560	7,0560			7,0560					
Certificate	NL0012591036	AEX 574.1TRSOPENH	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	NL0012849525	AEX 574.1TRSOPENH	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	NL0012982680	AEX 574.2BS OPENB	EUR	6,8390	6,8430	6,3630	2737,2000	1	6,3630	400				
Certificate	DE000CE6C6N4	AEX 574.3TS OPENZ	EUR	6,2860	6,2860	6,2860			6,2860					
Certificate	NL0012982987	AEX 574.5TS OPENB	EUR	7,4390	7,4390	7,4390			7,4390					
Certificate	NL0012903975	AEX 574.6TRSOPENH	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	NL0012982698	AEX 574.7BS OPENB	EUR	6,4130	6,4130	6,4130			6,4130					
Certificate	NL0012535868	AEX 574.8TS OPENH	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	NL0012175681	AEX 574.9TRSOPENH	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	NL0012982706	AEX 575.2BS OPENB	EUR	6,4620	6,4620	6,4620			6,4620					
Certificate	NL0012983233	AEX 575.5TS OPENB	EUR	7,5450	7,5450	7,5450			7,5450					
Certificate	NL0012903694	AEX 575.6TS OPENH	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	NL0012910046	AEX 575.7TRSOPENH	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	NL0012507156	AEX 576.1BS OPENB	EUR	6,7600	6,7650	6,5500	169,0000	1	6,5500	25				
Certificate	NL0012904205	AEX 576.1TRSOPENH	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	DE000CE6F9P0	AEX 576.5TS OPENZ	EUR	6,4980	6,4980	6,4980			6,4980					
Certificate	NL0012212971	AEX 577.1TS OPENH	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	NL0012982730	AEX 577.2BS OPENB	EUR	6,6650	6,6650	6,6650			6,6650					
Certificate	NL0012582019	AEX 577.4TRSOPENH	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	NL0012910038	AEX 578.2TRSOPENH	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	DE000CE6F9Q8	AEX 578.5TS OPENZ	EUR	6,6970	6,6970	6,6970			6,6970					
Certificate	NL0013078926	AEX 578.9TS OPENH	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	DE000CV4YU33	AEX 578.9TS OPENZ	EUR	3,0230	3,0230	3,0230			3,0230					
Certificate	NL0012551626	AEX 579.4TS OPENH	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	NL0012861934	AEX 579.7TRSOPENH	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	DE000CE6F9R6	AEX 580.4TS OPENZ	EUR	6,8960	6,8960	6,8960			6,8960					
Certificate	NL0012527030	AEX 580.7TRSOPENH	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	NL0012501738	AEX 580.9TS OPENB	EUR	8,7970	8,7970	7,9070	140622,9500	4	8,0620	17496				
Certificate	NL0012987804	AEX 581.1TS OPENB	EUR	8,1140	8,1140	8,1140			8,1140					
Certificate	NL0012862700	AEX 581.4TRSOPENH	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	NL0012312102	AEX 581.8TS OPENH	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	DE000CE6C816	AEX 582.3TS OPENZ	EUR	7,0830	7,0830	7,0830			7,0830					
Certificate	NL0013084163	AEX 582.4TRSOPENH	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	NL0012903686	AEX 582.6TS OPENH	EUR	7,8000	7,8000	7,8000			7,8000					
Certificate	DE000CV88NY5	AEX 582.7TS OPENZ	EUR											
Certificate	NL0012265425	AEX 582.8BS OPENB	EUR	7,8710	7,8710	7,0950	17323,3000	2	7,2260	2201				
Certificate	NL0011589312	AEX 583.8TRSOPENH	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	NL0012862692	AEX 583.8TRSOPENH	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000CV4YU41	AEX 583.9TS OPENZ	EUR	3,2230	3,2230	3,2230			3,2230					
Certificate	LU1756867971	AEX 584.3TPIOPENS	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	NL0012551600	AEX 584.3TS OPENH	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	DE000CE6F9S4	AEX 584.4TS OPENZ	EUR	7,2960	7,2960	7,2960			7,2960					
Certificate	LU1757004632	AEX 584.7TPIOPENS	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	NL0012307292	AEX 584.7TS OPENH	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	NL0012174106	AEX 585.5TS OPENH	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	LU1756868276	AEX 586.1TPIOPENS	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	LU1757004806	AEX 586.3TPIOPENS	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	DE000CE6F9T2	AEX 586.4TS OPENZ	EUR	7,4950	7,4950	7,4950			7,4950					
Certificate	NL0012545784	AEX 586.5TRSOPENH	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	LU1757005019	AEX 587.2TPIOPENS	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	LU1790568288	AEX 587.2TPIOPENS	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	NL0012201446	AEX 587.6TRSOPENH	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	NL0012305759	AEX 587.6TS OPENH	EUR	8,4000	8,4000	8,3000	924,0000	1	8,3000	110				
Certificate	NL0012609424	AEX 587.9TS OPENH	EUR	8,3400	8,3400	8,3400			8,3400					
Certificate	DE000CE6F9U0	AEX 588.4TS OPENZ	EUR	7,6940	7,6940	7,6940			7,6940					
Certificate	NL0012178487	AEX 589.3TS OPENH	EUR	8,4700	8,4700	8,4700			8,4700					
Certificate	LU1790508037	AEX 589.7TPIOPENS	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	NL0012537591	AEX 590.3TRSOPENH	EUR	7,8800	7,8800	7,8800			7,8800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013078249	AEX 590.3TRSOPENH	EUR	7,8800	7,8800	7,8800			7,8800					
Certificate	DE000CE6CGN4	AEX 590.3TS OPENZ	EUR	7,8820	7,8820	7,8820			7,8820					
Certificate	NL0012903678	AEX 590.6TS OPENH	EUR	8,6100	8,6100	8,6100			8,6100					
Certificate	DE000CV4YQJ9	AEX 590.9TS OPENZ	EUR	3,4890	3,4890	3,4890			3,4890					
Certificate	LU1756878747	AEX 591.4TPIOPENS	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0012924930	AEX 592.1TS OPENH	EUR	8,7600	8,7600	8,7600			8,7600					
Certificate	NL0012934996	AEX 592.2TRSOPENH	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	NL0012557532	AEX 592.4TS OPENH	EUR	8,7900	8,7900	8,7900			8,7900					
Certificate	DE000CE6F9V8	AEX 592.4TS OPENZ	EUR	8,0950	8,0950	8,0950			8,0950					
Certificate	LU1790508383	AEX 592.9TPIOPENS	EUR	7,2900	7,2900	7,2900			7,2900					
Certificate	NL0012903660	AEX 593.6TS OPENH	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	LU1756878820	AEX 593.9TPIOPENS	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	DE000CE6F9W6	AEX 594.4TS OPENZ	EUR	8,2950	8,2950	8,2950			8,2950					
Certificate	NL0012200539	AEX 595.6TRSOPENH	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	NL0012560767	AEX 595.6TS OPENH	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	DE000CV4YU58	AEX 595.9TS OPENZ	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000VLSR6S2	AEX 596.4TS OPENV	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000CE6F9X4	AEX 596.4TS OPENZ	EUR	8,4940	8,4940	8,4940			8,4940					
Certificate	LU1790568445	AEX 596.8TPIOPENS	EUR	7,6900	7,6900	7,6900			7,6900					
Certificate	LU1756879042	AEX 596.8TPIOPENS	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	DE000VLSR6T0	AEX 597.4TS OPENV	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	NL0012200141	AEX 597.8TS OPENH	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	DE000VA15K12	AEX 598.3TS OPENV	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	DE000VLSR6U8	AEX 598.4TS OPENV	EUR	6,1400	6,1400	6,1400			6,1400					
Certificate	DE000CE6CPT2	AEX 598.5TS OPENZ	EUR	8,7050	8,7050	8,7050			8,7050					
Certificate	NL0012903652	AEX 598.6TS OPENH	EUR	9,4100	9,4100	9,4100			9,4100					
Certificate	NL0012849517	AEX 598.7TRSOPENH	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	DE000VA15K20	AEX 599.3TS OPENV	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	DE000VLSR6V6	AEX 599.4TS OPENV	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	LU1790503665	AEX 599.8TPIOPENS	EUR	8,3000	8,3000	7,9600	116,2000	1	7,9600	14				
Certificate	NL0012559116	AEX 600.3TS OPENH	EUR	9,5900	9,5900	9,5900			9,5900					
Certificate	DE000VA15K38	AEX 600.3TS OPENV	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	DE000CE6F9Y2	AEX 600.7TS OPENZ	EUR	8,9180	8,9180	8,9180			8,9180					
Certificate	NL0012860266	AEX 600.8TRSOPENH	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	DE000CV4YU66	AEX 600.9TS OPENZ	EUR	3,8890	3,8890	3,8890			3,8890					
Certificate	NL0013003775	AEX 601.1TS OPENB	EUR	10,3400	10,3400	9,5350	206,8000	1	9,5350	20				
Certificate	NL0012903645	AEX 601.6TS OPENH	EUR	9,7200	9,7200	9,7200			9,7200					
Certificate	DE000VA15PR1	AEX 601.9TS OPENV	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	DE000CE6F9Z9	AEX 602.7TS OPENZ	EUR	9,1170	9,1170	9,1170			9,1170					
Certificate	DE000VA15PS9	AEX 602.9TS OPENV	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	LU1790568791	AEX 603.4TPIOPENS	EUR	8,3500	8,3500	8,3500			8,3500					
Certificate	DE000VA15PT7	AEX 603.9TS OPENV	EUR	8,1500	8,1500	8,1500			8,1500					
Certificate	NL0012904643	AEX 604.2TRSOPENH	EUR	9,2700	9,2700	9,2700			9,2700					
Certificate	DE000CE6FA00	AEX 604.7TS OPENZ	EUR	9,3170	9,3170	9,3170			9,3170					
Certificate	NL0012904635	AEX 605.2TRSOPENH	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	DE000VA15QT5	AEX 605.4TS OPENV	EUR	8,3400	8,3400	8,3400			8,3400					
Certificate	DE000VA4YQX2	AEX 605.7TS OPENV	EUR	8,7700	8,7700	8,7700			8,7700					
Certificate	DE000CV4YU74	AEX 605.9TS OPENZ	EUR	4,0890	4,0890	4,0890			4,0890					
Certificate	NL0012851166	AEX 606.1TS OPENH	EUR	10,1800	10,1800	10,1800			10,1800					
Certificate	DE000VA15QV1	AEX 606.4TS OPENV	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	DE000CE6CST6	AEX 606.6TS OPENZ	EUR	9,5060	9,5060	9,5060			9,5060					
Certificate	DE000VA4YQY0	AEX 606.7TS OPENV	EUR	8,8700	8,8700	8,8700			8,8700					
Certificate	NL0012864003	AEX 606.9TRSOPENH	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	DE000VA4YQZ7	AEX 607.7TS OPENV	EUR	8,9600	8,9600	8,9600			8,9600					
Certificate	DE000CE6FA18	AEX 608.7TS OPENZ	EUR	9,7190	9,7190	9,7190			9,7190					
Certificate	NL0013078231	AEX 609.2TRSOPENH	EUR	9,7800	9,7800	9,7800			9,7800					
Certificate	DE000VA4YSH1	AEX 609.3TS OPENV	EUR	9,1300	9,1300	9,1300			9,1300					
Certificate	LU1790508540	AEX 609.6TPIOPENS	EUR	8,9500	8,9500	8,9500			8,9500					
Certificate	LU1612676780	AEX 609.8TPIOPENS	EUR											
Certificate	NL0012523534	AEX 609.8TS OPENH	EUR	10,5500	10,5500	10,5500			10,5500					
Certificate	DE000VA4YSJ7	AEX 610.3TS OPENV	EUR	9,2300	9,2300	9,2300			9,2300					
Certificate	DE000CE6FA26	AEX 610.7TS OPENZ	EUR	9,9180	9,9180	9,9180			9,9180					
Certificate	DE000CV4YQK7	AEX 610.9TS OPENZ	EUR	4,2760	4,2860	4,2760	2138,0000	1	4,2860	500				
Certificate	NL0012237655	AEX 611.8TRSOPENH	EUR	10,0400	10,0400	10,0400			10,0400					
Certificate	DE000VA4YWU6	AEX 612.1TS OPENV	EUR	9,4400	9,4400	9,4400			9,4400					
Certificate	DE000CE6FA34	AEX 612.7TS OPENZ	EUR	10,1180	10,1180	10,1180			10,1180					
Certificate	DE000VA4Y1Q2	AEX 612.8TS OPENV	EUR	9,6300	9,6300	9,6300			9,6300					
Certificate	NL0012892442	AEX 614.4TRSOPENH	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	NL0012903637	AEX 614.5TS OPENH	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	DE000CE6CKY6	AEX 614.7TS OPENZ	EUR	10,3170	10,3170	10,3170			10,3170					
Certificate	NL0013003791	AEX 614.9TS OPENB	EUR	11,3180	11,3230	10,9330	11318,0000	1	10,9330	1000				
Certificate	DE000CV4YU82	AEX 614.9TS OPENZ	EUR	4,4870	4,4870	4,4870			4,4870					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1695123965	AEX 616.3TPIOPENS	EUR											
Certificate	DE000CE6FA42	AEX 616.8TS OPENZ	EUR	10,5300	10,5300	10,5300			10,5300					
Certificate	NL0013078082	AEX 617.2TRSOPENH	EUR	10,5700	10,5700	10,5700				10,5700				
Certificate	NL0013078918	AEX 617.8TS OPENH	EUR	11,3700	11,3700	11,3700				11,3700				
Certificate	DE000CE6FA59	AEX 618.8TS OPENZ	EUR	10,7290	10,7290	10,7290				10,7290				
Certificate	NL0012602171	AEX 619.6TS OPENH	EUR	11,5500	11,5500	11,5500				11,5500				
Certificate	DE000CV4YVF7	AEX 619.9TS OPENZ	EUR	4,6890	4,6890	4,6890				4,6890				
Certificate	NL0012309462	AEX 620.3TRSOPENH	EUR	10,8900	10,8900	10,8900				10,8900				
Certificate	NL0012507172	AEX 620.6BS OPENB	EUR	11,8020	11,8120	10,9470	2330,3500	3	10,9970	201				
Certificate	DE000CE6FA67	AEX 620.8TS OPENZ	EUR	10,9290	10,9290	10,9290				10,9290				
Certificate	NL0012903629	AEX 622.5TS OPENH	EUR	11,8400	11,8400	11,8400				11,8400				
Certificate	DE000CE6EY37	AEX 622.7TS OPENZ	EUR	11,1190	11,1190	11,1190				11,1190				
Certificate	DE000CE6FCH8	AEX 624.2TS OPENZ	EUR	11,2730	11,2730	11,2730				11,2730				
Certificate	NL0012905905	AEX 624.6TRSOPENH	EUR	11,3200	11,3200	11,3200				11,3200				
Certificate	NL0013003809	AEX 624.8TS OPENB	EUR	11,9320	11,9320	11,9320				11,9320				
Certificate	DE000CV4YVG5	AEX 624.9TS OPENZ	EUR	4,8880	4,8880	4,8880				4,8880				
Certificate	NL0012212948	AEX 625.3TS OPENH	EUR	12,1200	12,1200	12,1200				12,1200				
Certificate	DE000CE6FCJ4	AEX 626.2TS OPENZ	EUR	11,4710	11,4710	11,4710				11,4710				
Certificate	NL0013078074	AEX 627.1TRSOPENH	EUR	11,5700	11,5700	11,5700				11,5700				
Certificate	DE000CV4Z4G2	AEX 628.1TS OPENZ	EUR	11,4990	11,7320	11,4990	10825,6400	2		932				
Certificate	NL0012903611	AEX 628.5TS OPENH	EUR	12,4500	12,4500	12,4500				12,4500				
Certificate	NL0013078066	AEX 629.1TRSOPENH	EUR	11,7700	11,7700	11,7700				11,7700				
Certificate	DE000CV4Z3L4	AEX 629.9TS OPENZ	EUR	5,0860	5,0860	5,0860				5,0860				
Certificate	DE000CE6EZ28	AEX 630.3TS OPENZ	EUR	11,8780	11,8780	11,8780				11,8780				
Certificate	NL0012534473	AEX 630.9TRSOPENH	EUR	11,9500	11,9500	11,9500				11,9500				
Certificate	NL0013078900	AEX 631.8TS OPENH	EUR	12,7800	12,7800	12,7800				12,7800				
Certificate	DE000CV4Z5D6	AEX 632.2TS OPENZ	EUR	12,0710	12,0710	12,0710				12,0710				
Certificate	NL0012562748	AEX 633.9TS OPENH	EUR	12,9900	12,9900	12,9900				12,9900				
Certificate	DE000CV4ZAT9	AEX 633.9TS OPENZ	EUR	12,2420	12,2420	12,2420				12,2420				
Certificate	DE000CV4Z3M2	AEX 634.9TS OPENZ	EUR	5,2850	5,2850	5,2850				5,2850				
Certificate	NL0013078058	AEX 635.1TRSOPENH	EUR	12,3700	12,3700	12,3700				12,3700				
Certificate	NL0013078041	AEX 637.1TRSOPENH	EUR	12,5700	12,5700	12,5700				12,5700				
Certificate	NL0013003817	AEX 637.7TS OPENB	EUR	13,1850	13,2300	13,1850	131,8500	1		10				
Certificate	DE000CE6F2G4	AEX 638.3TS OPENZ	EUR	12,6810	12,6810	12,6810				12,6810				
Certificate	NL0012545776	AEX 638.9TRSOPENH	EUR	12,7400	12,7400	12,7400				12,7400				
Certificate	NL0012243075	AEX 638.9TS OPENH	EUR	13,5000	13,5000	13,5000				13,5000				
Certificate	DE000CV4Z5K1	AEX 639.9TS OPENZ	EUR	5,4860	5,4860	5,4860				5,4860				
Certificate	DE000CV4ZBX9	AEX 639.9TS OPENZ	EUR	12,8450	12,8450	12,8450				12,8450				
Certificate	NL0013078223	AEX 641.2TRSOPENH	EUR	12,9700	12,9700	12,9700				12,9700				
Certificate	NL0012611842	AEX 641.5TS OPENH	EUR	13,7600	13,7600	13,7600				13,7600				
Certificate	NL0013078033	AEX 643.1TRSOPENH	EUR	13,1700	13,1700	13,1700				13,1700				
Certificate	NL0012789689	AEX 643.6BS OPENB	EUR	13,8760	13,8760	13,2290	10705,2000	4		800				
Certificate	DE000CV4ZLK5	AEX 644.1TS OPENZ	EUR	13,2570	13,2570	13,2570				13,2570				
Certificate	DE000CV4ZCN8	AEX 644.9TS OPENZ	EUR	5,6800	5,6800	5,6800				5,6800				
Certificate	NL0012920185	AEX 646.1TRSOPENH	EUR	13,4600	13,4600	13,4600				13,4600				
Certificate	DE000CE6F4L0	AEX 646.3TS OPENZ	EUR	13,4850	13,4850	13,4850				13,4850				
Certificate	NL0013084023	AEX 648.2TS OPENH	EUR	14,4400	14,4400	14,4400				14,4400				
Certificate	DE000CV4ZMT4	AEX 648.3TS OPENZ	EUR	13,6820	13,6820	13,6820				13,6820				
Certificate	NL0012308324	AEX 648.9TS OPENH	EUR	14,5100	14,5100	14,5100				14,5100				
Certificate	NL0013078025	AEX 649.1TRSOPENH	EUR	13,7600	13,7600	13,7600				13,7600				
Certificate	DE000CV4ZCP3	AEX 649.9TS OPENZ	EUR	5,8790	5,8790	5,8790				5,8790				
Certificate	DE000CV4ZMU2	AEX 650.3TS OPENZ	EUR	13,8810	13,8810	13,8810				13,8810				
Certificate	NL0012523021	AEX 651.8TRSOPENH	EUR	14,0300	14,0300	14,0300				14,0300				
Certificate	DE000CV4ZP62	AEX 652.4TS OPENZ	EUR	14,0880	14,0880	14,0880				14,0880				
Certificate	NL0012849491	AEX 652.8TRSOPENH	EUR	14,1400	14,1400	14,1400				14,1400				
Certificate	NL0012557995	AEX 653.3TS OPENH	EUR	14,9500	14,9500	14,9500				14,9500				
Certificate	DE000CV4ZP70	AEX 654.4TS OPENZ	EUR	14,2870	14,2870	14,2870				14,2870				
Certificate	DE000CV4ZNC8	AEX 654.9TS OPENZ	EUR	6,0850	6,0850	6,0850				6,0850				
Certificate	NL0013003825	AEX 655.5TS OPENB	EUR	15,7520	15,7520	15,0270	472,5600	1		30				
Certificate	NL0013084155	AEX 659.4TRSOPENH	EUR	14,7900	14,7900	14,7900				14,7900				
Certificate	DE000CV4ZND6	AEX 659.9TS OPENZ	EUR	6,2840	6,2840	6,2840				6,2840				
Certificate	NL0012308290	AEX 660.5TS OPENH	EUR	15,6800	15,6800	15,6800				15,6800				
Certificate	NL0012543169	AEX 660.6TRSOPENH	EUR	14,9200	14,9200	14,9200				14,9200				
Certificate	DE000CV88X09	AEX 662.4TS OPENZ	EUR	15,0880	15,0880	15,0880				15,0880				
Certificate	NL0012543151	AEX 664.5TRSOPENH	EUR	15,3100	15,3100	15,3100				15,3100				
Certificate	NL0011229281	AEX 669.3TS OPENH	EUR	16,5700	16,5700	16,5700				16,5700				
Certificate	DE000CV87MP7	AEX 670.4TS OPENZ	EUR	15,8870	15,8870	15,8870				15,8870				
Certificate	NL0012547590	AEX 670.5TRSOPENH	EUR	15,9000	15,9000	15,9000				15,9000				
Certificate	NL0013078017	AEX 675.1TRSOPENH	EUR	16,3600	16,3600	16,3600				16,3600				
Certificate	NL0012308274	AEX 675.9TS OPENH	EUR	17,2500	17,2500	17,2500				17,2500				
Certificate	DE000CV8AFE4	AEX 678.7TS OPENZ	EUR	16,7180	16,7180	16,7180				16,7180				
Certificate	DE000CV88ZP7	AEX 679.9TS OPENZ	EUR	7,0930	7,0930	7,0930				7,0930				



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	NL0012550214	AEX 682.5TRSOPENH	EUR	17,1100	17,1100	17,1100			17,1100					
Certificate	NL0012308258	AEX 683.7TS OPENH	EUR	18,0300	18,0300	18,0300			18,0300					
Certificate	DE000CV88CK7	AEX 686.3TS OPENZ	EUR	17,4780	17,4780	17,4780			17,4780					
Certificate	NL0013078892	AEX 691.8TS OPENH	EUR	18,8500	18,8500	18,8500			18,8500					
Certificate	NL0012556500	AEX 696.4TRSOPENH	EUR	18,4900	18,4900	18,4900			18,4900					
Certificate	DE000CV88AU0	AEX 698.9TS OPENZ	EUR	7,8640	7,8640	7,8640			7,8640					
Certificate	NL0012431274	AEX 701.2TS OPENH	EUR	19,7900	19,7900	19,7900			19,7900					
Certificate	DE000CV88L37	AEX 702.8TS OPENZ	EUR	19,1280	19,1280	19,1280			19,1280					
Certificate	NL0013078884	AEX 711.8TS OPENH	EUR	20,8700	20,8700	20,8700			20,8700					
Certificate	NL0012916209	AEX 714.6TRSOPENH	EUR	20,3200	20,3200	20,3200			20,3200					
Certificate	DE000CV88X17	AEX 718.8TS OPENZ	EUR	20,7310	20,7310	20,7310			20,7310					
Certificate	NL0012526396	AEX 721.5TS OPENH	EUR	21,8600	21,8600	21,8600			21,8600					
Certificate	NL0012527337	AEX 725.5TS OPENH	EUR	22,2600	22,2600	22,2600			22,2600					
Certificate	NL0013078876	AEX 731.8TS OPENH	EUR	22,9000	22,9000	22,9000			22,9000					
Certificate	DE000CV8A8W5	AEX 734.8TS OPENZ	EUR	22,3310	22,3310	22,3310			22,3310					
Certificate	DE000CV88UV6	AEX 737.9TS OPENZ	EUR	9,4490	9,4490	9,4490			9,4490					
Certificate	NL0013078868	AEX 743.7TS OPENH	EUR	24,1100	24,1100	24,1100			24,1100					
Certificate	NL0012606479	AEX 749.8TS OPENH	EUR	24,7200	24,7200	24,7200			24,7200					
Certificate	NL0012551576	AEX 753.2TS OPENH	EUR	25,0600	25,0600	25,0600			25,0600					
Certificate	NL0012904569	AEX 762.4TS OPENH	EUR	25,9900	25,9900	25,9900			25,9900					
Certificate	NL0012851141	AEX 773.3TS OPENH	EUR	27,1000	27,1000	27,1000			27,1000					
Certificate	FR0013123270	AEX75 SHROPENS	EUR											
Certificate	DE000CN6JH55	AEXG8 LEVOPENZ	EUR	12,0600	12,0600	12,0600			12,0600					
Certificate	DE000CE6BUC0	AEXG8 LEVOPENZ	EUR	10,6800	10,6800	10,6800			10,6800					
Certificate	DE000CE6BUE6	AEXG8 LEVOPENZ	EUR	11,3800	11,3800	11,3800			11,3800					
Certificate	DE000CN6JHT3	AEXG8 LEVOPENZ	EUR	0,6940	0,8870	0,6940	2236,6000	2	0,8650	2600				
Certificate	DE000CE6BUD8	AEXG8 LEVOPENZ	EUR	11,4400	11,4400	11,4400			11,4400					
Certificate	DE000CE6BUJ5	AEXG8 SHROPENZ	EUR	0,2310	0,2310	0,2310			0,2310					
Certificate	DE000CE6BUH9	AEXG8 SHROPENZ	EUR	1,3670	1,3670	1,3670			1,3670					
Certificate	DE000CE6BUF3	AEXG8 SHROPENZ	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	DE000CE6BUG1	AEXG8 SHROPENZ	EUR	4,7990	4,7990	4,7990			4,7990					
Certificate	NL0000838167	AFRIC PI OPENN	EUR	10,1600	10,1600	10,1100			10,1100					
Certificate	NL0012245369	AGEAS 36TS OPENH	EUR											
Certificate	NL0012538656	AGEAS 38TL OPENH	EUR	0,8800	0,9100	0,8800			0,9100					
Certificate	NL0009998855	AGEAS 0.93TL OPENB	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	NL0011041538	AGEAS 11.1TL OPENH	EUR	3,3800	3,4000	3,3800			3,4000					
Certificate	NL0011041520	AGEAS 15.3TL OPENH	EUR	2,9900	3,0200	2,9900			3,0200					
Certificate	NL0011041512	AGEAS 17.4TL OPENH	EUR	2,8000	2,8200	2,8000			2,8200					
Certificate	NL0011041496	AGEAS 21.6TL OPENH	EUR	2,4100	2,4300	2,4100			2,4300					
Certificate	NL0011895131	AGEAS 22.7TL OPENH	EUR	2,3000	2,3300	2,3000			2,3300					
Certificate	NL0011041488	AGEAS 23.7TL OPENH	EUR	2,2200	2,2400	2,2200			2,2400					
Certificate	NL0011895115	AGEAS 24.8TL OPENH	EUR	2,1100	2,1400	2,1100			2,1400					
Certificate	NL0011895107	AGEAS 25.3TL OPENH	EUR	2,0700	2,0900	2,0700			2,0900					
Certificate	NL0011972369	AGEAS 26.9TL OPENH	EUR	1,9200	1,9500	1,9200			1,9500					
Certificate	DE000CV508W8	AGEAS 29.4TL OPENZ	EUR	2,8400	2,8750	2,8400			2,8750					
Certificate	NL0011993449	AGEAS 29.9TL OPENH	EUR	1,6400	1,6700	1,6400			1,6700					
Certificate	NL0012048961	AGEAS 31.7TL OPENH	EUR	1,4800	1,5000	1,4800			1,5000					
Certificate	NL0012311708	AGEAS 33.5TL OPENH	EUR	1,3000	1,3200	1,3000			1,3200					
Certificate	NL0012365761	AGEAS 34.4TL OPENH	EUR	1,2200	1,2400	1,2200			1,2400					
Certificate	NL0012306468	AGEAS 35.1TL OPENH	EUR											
Certificate	NL0012367635	AGEAS 35.6TL OPENH	EUR	1,1100	1,1300	1,1100			1,1300					
Certificate	NL0012431506	AGEAS 36.5TL OPENH	EUR	1,0300	1,0500	1,0300			1,0500					
Certificate	NL0012489090	AGEAS 37.5BL OPENB	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	NL0012582738	AGEAS 39.5TL OPENH	EUR	0,7600	0,7800	0,7600			0,7800					
Certificate	NL0012926885	AGEAS 41.5TL OPENH	EUR	0,5700	0,6000	0,5700			0,6000					
Certificate	NL0013085301	AGEAS 42.6TL OPENH	EUR	0,4700	0,5000	0,4700			0,5000					
Certificate	NL0013084981	AGEAS 45.6TS OPENH	EUR	0,7400	0,7400	0,7100			0,7100					
Certificate	NL0012581839	AGEAS 47.3TS OPENH	EUR	0,9300	0,9300	0,9000			0,9000					
Certificate	NL0012524946	AGEAS 48.6TS OPENH	EUR	1,0700	1,0700	1,0400			1,0400					
Certificate	NL0010131561	AGEAS 5.88TL OPENB	EUR	39,7800	39,7800	39,7800			39,7800					
Certificate	NL0012555361	AGEAS 52.6TS OPENH	EUR	1,5200	1,5200	1,4800			1,4800					
Certificate	DE000CK6UYT8	AGEAS 9.38TL OPENZ	EUR	34,4150	34,5950	34,4150			34,5950					
Certificate	NL0010254314	AGEAS11.15TL OPENB	EUR	34,9300	34,9300	34,9300			34,9300					
Certificate	NL0010281358	AGEAS12.75TL OPENB	EUR	33,4600	33,4600	33,4600			33,4600					
Certificate	NL0010284295	AGEAS14.33TL OPENB	EUR	32,0000	32,0000	32,0000			32,0000					
Certificate	NL0010379285	AGEAS16.14TL OPENB	EUR	30,3500	30,3500	30,3500			30,3500					
Certificate	NL0011646880	AGEAS18.51BL OPENB	EUR	25,6000	25,6000	25,6000			25,6000					
Certificate	NL0010895819	AGEAS18.57TL OPENB	EUR	26,8800	27,1900	26,8800			27,1900					
Certificate	NL0010155628	AGEAS19.41TL OPENA	EUR											
Certificate	NL0010898904	AGEAS20.15TL OPENB	EUR	25,4700	25,7800	25,4700			25,7800					
Certificate	NL0011899984	AGEAS20.68BL OPENB	EUR	23,3400	23,3400	23,3400			23,3400					
Certificate	DE000CR4GVC7	AGEAS21.79TL OPENZ	EUR	21,8050	21,9950	21,8050			21,9950					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0010913026	AGEAS22.22TL OPENB	EUR	23,6300	23,9400	23,6300			23,9400					
Certificate	NL0010926168	AGEAS24.34TL OPENB	EUR	21,7500	22,0600	21,7500			22,0600					
Certificate	NL0011636535	AGEAS24.96BL OPENB	EUR	19,1500	19,1500	19,1500			19,1500					
Certificate	DE000CR4J5T0	AGEAS25.95TL OPENZ	EUR	17,6400	17,8300	17,6400			17,8300					
Certificate	NL0011915970	AGEAS26.39TL OPENB	EUR	20,2400	20,2400	20,2400			20,2400					
Certificate	NL0000075752	AGEAS26.51TS OPENB	EUR	25,1150	25,1150	25,1150			25,1150					
Certificate	DE000CR6X825	AGEAS27.46TL OPENZ	EUR	16,1300	16,3200	16,1300			16,3200					
Certificate	NL0012030233	AGEAS28.42TL OPENB	EUR	18,4200	18,4200	18,4200			18,4200					
Certificate	NL0012033310	AGEAS30.48TL OPENB	EUR	16,5900	16,5900	16,5900			16,5900					
Certificate	DE000CD63LD4	AGEAS31.42TL OPENZ	EUR	12,1700	12,3600	12,1700			12,3600					
Certificate	NL0012259394	AGEAS32.54TL OPENB	EUR	14,7700	14,7700	14,7700			14,7700					
Certificate	DE000CD640E9	AGEAS33.41TL OPENZ	EUR	10,1900	10,3800	10,1900			10,3800					
Certificate	DE000CE6DUW4	AGEAS35.39TL OPENZ	EUR	1,6500	1,6850	1,6500			1,6850					
Certificate	NL0012276745	AGEAS35.44BL OPENB	EUR	8,5800	8,5800	8,5800			8,5800					
Certificate	NL0012499578	AGEAS36.54TL OPENB	EUR	11,2000	11,2000	11,2000			11,2000					
Certificate	DE000CE6EYV6	AGEAS37.87TL OPENZ	EUR	1,1500	1,1950	1,1500			1,1950					
Certificate	NL0012693576	AGEAS38.54TL OPENB	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	NL0012774327	AGEAS39.53BL OPENB	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	DE000CV87QL7	AGEAS39.86TL OPENZ	EUR	0,7600	0,7950	0,7600			0,7950					
Certificate	NL0012785695	AGEAS40.54TL OPENB	EUR	7,6500	7,6500	7,6500			7,6500					
Certificate	NL0012979660	AGEAS41.54BL OPENB	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000CV8A6M0	AGEAS41.84TL OPENZ	EUR	0,3700	0,4150	0,3700			0,4150					
Certificate	NL0012984066	AGEAS42.53TL OPENB	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	NL0013014327	AGEAS43.54BL OPENB	EUR											
Certificate	NL0013010614	AGEAS45.28BS OPENB	EUR											
Certificate	NL0013009814	AGEAS46.69TS OPENB	EUR	9,6700	9,6700	9,6700			9,6700					
Certificate	NL0012676530	AGEAS48.26BS OPENB	EUR	5,2900	5,2900	4,9000	5225,0000	2	4,9000	1000				
Certificate	NL0012984116	AGEAS48.61TS OPENB	EUR	11,8600	11,8600	11,8600			11,8600					
Certificate	NL0013002496	AGEAS50.65TS OPENB	EUR	14,1800	14,1800	14,1800			14,1800					
Certificate	NL0012788335	AGEAS51.22BS OPENB	EUR	7,6200	7,8600	7,6100	9303,0000	4	7,8600	1200				
Certificate	DE000CV87580	AGEAS51.58TS OPENZ	EUR	1,6500	1,6500	1,6150			1,6150					
Certificate	NL0012983951	AGEAS54.19BS OPENB	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	DE000CV892L9	AGEAS56.57TS OPENZ	EUR	2,6400	2,6400	2,6050			2,6050					
Certificate	NL0009066687	AGFA 1TL OPENB	EUR	3,2250	3,2250	3,2250			3,2250					
Certificate	NL0010001251	AGFA 1.2TL OPENB	EUR	2,8150	2,8150	2,8150			2,8150					
Certificate	NL0010280822	AGFA 1.4TL OPENB	EUR	2,6250	2,6250	2,6250			2,6250					
Certificate	NL0013010812	AGFA 3.6TL OPENB	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	NL0013010820	AGFA 3.7TL OPENB	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	NL0013013618	AGFA 3.8TL OPENB	EUR											
Certificate	DE000C3PJG6	AGFA 1.92TL OPENZ	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	NL0010895843	AGFA 1.98TL OPENB	EUR	2,0750	2,1250	2,0750			2,1250					
Certificate	DE000CV87257	AGFA 2.22TL OPENZ	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	NL0011090774	AGFA 2.26TL OPENB	EUR	1,8350	1,8850	1,8350			1,8850					
Certificate	DE000CN6G1K8	AGFA 2.43TL OPENZ	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	NL0011818141	AGFA 2.52TL OPENB	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	DE000CD61P28	AGFA 2.64TL OPENZ	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	NL0012020283	AGFA 2.78TL OPENB	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	DE000CD636Q1	AGFA 2.85TL OPENZ	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	NL0012776561	AGFA 2.89TL OPENB	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	NL0012792865	AGFA 2.99TL OPENB	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	DE000CV89FM4	AGFA 3.06TL OPENZ	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0012794713	AGFA 3.08TL OPENB	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	NL0012974026	AGFA 3.19TL OPENB	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	NL0012976369	AGFA 3.29TL OPENB	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	DE000C3N8T6	AGFA 3.36TL OPENZ	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	NL0012976377	AGFA 3.39TL OPENB	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	NL0012991236	AGFA 3.49TL OPENB	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	DE000C3PBZ3	AGFA 3.66TL OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0013014863	AGFA 3.94BS OPENB	EUR	0,1850	0,1850	0,1850			0,1850					
Certificate	NL0013005481	AGFA 4.05TS OPENB	EUR											
Certificate	NL0013015472	AGFA 4.05TS OPENB	EUR	0,6450	0,6450	0,6450			0,6450					
Certificate	NL0012978688	AGFA 4.25TS OPENB	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	NL0012978696	AGFA 4.45TS OPENB	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	DE000CV89SQ8	AGFA 4.47TS OPENZ	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0013000581	AGFA 4.65TS OPENB	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000CV8AY58	AGFA 4.93TS OPENZ	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	NL0013008600	AGFA 3.119BL OPENB	EUR	0,8300	0,8300	0,8150	380,1400	1	0,8150	458				
Certificate	NL0013006513	AGFA 3.519BL OPENB	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	NL0013006521	AGFA 3.519BL OPENB	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	NL0013011943	AGFA 3.719BL OPENB	EUR	0,2150	0,2150	0,2150			0,2150					
Certificate	NL0013006695	AGFA 3.941BS OPENB	EUR											
Certificate	NL0013006703	AGFA 4.338BS OPENB	EUR	0,5850	0,5850	0,5850			0,5850					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013013527	AGFA 4.738BS OPENB	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	DE000CV8AZK9	AGNIC26.37TL OPENZ	EUR	2,2800	2,2800	1,9450	570,0000	1	1,9450	250				
Certificate	DE000CN6KWL7	AGNIC31.68TL OPENZ	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	DE000CE6BQU0	AHOLD LEVOPENZ	EUR	22,3150	24,3050	22,3150			24,3050					
Certificate	DE000CE6BQK1	AHOLD SHROPENZ	EUR	11,8100	11,8100	10,8300			10,8300					
Certificate	NL0010113478	AHOLD 3TL OPENB	EUR	84,1250	84,1250	84,1250			84,1250					
Certificate	NL0009974658	AHOLD 6TL OPENB	EUR	14,9300	14,9300	14,9300			14,9300					
Certificate	NL0010895884	AHOLD 11TL OPENB	EUR	10,2600	10,2600	10,2600			10,2600					
Certificate	DE000CY516B2	AHOLD 12TL OPENC	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	DE000CY519X0	AHOLD 12TL OPENC	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	DE000CY519Y8	AHOLD 13TL OPENC	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	DE000CY516C0	AHOLD 13TL OPENC	EUR	8,5800	8,5800	8,5800			8,5800					
Certificate	DE000CY50L38	AHOLD 14TL OPENC	EUR	6,9800	6,9800	6,9800			6,9800					
Certificate	DE000CY50LU1	AHOLD 14TL OPENC	EUR	7,6000	7,6000	7,6000			7,6000					
Certificate	DE000CJ3NMF3	AHOLD 15TL 1218Z	EUR	1,0450	1,1150	1,0450			1,1150					
Certificate	DE000CQ5ANU7	AHOLD 15TL OPENC	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	DE000CX59K56	AHOLD 15TL OPENC	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000CX59P10	AHOLD 15TL OPENC	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	DE000CQ5AXN1	AHOLD 15TL OPENC	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	DE000CY523E2	AHOLD 16TL OPENC	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	DE000CY523U8	AHOLD 16TL OPENC	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	DE000CY524H3	AHOLD 16TL OPENC	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	DE000VA7PWW4	AHOLD 17TL 0319V	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	DE000CV8ABE3	AHOLD 17TL 1218Z	EUR	0,6450	0,7150	0,6450			0,7150					
Certificate	DE000CY52B20	AHOLD 17TL OPENC	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	DE000CQ5A0S3	AHOLD 17TL OPENC	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000VA64033	AHOLD 18TL 0319V	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000VA6T134	AHOLD 18TL 1218V	EUR	2,6080	2,6080	2,6080			2,6080					
Certificate	DE000CV8APZ8	AHOLD 18TL 1218Z	EUR	0,4450	0,5150	0,4450			0,5150					
Certificate	DE000CQ5A776	AHOLD 18TL OPENC	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	DE000CQ5A552	AHOLD 18TL OPENC	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	NL0012648380	AHOLD 19BOC1218Z	EUR	18,9150	18,9500	18,9150			18,9500					
Certificate	NL0012648729	AHOLD 19BON0619Z	EUR	20,2150	20,4850	20,2150			20,4850					
Certificate	NL0012648711	AHOLD 19BON1218Z	EUR	20,3450	20,6450	20,3450			20,6450					
Certificate	DE000VA71X67	AHOLD 19TL 0319V	EUR	1,6840	1,6840	1,6840			1,6840					
Certificate	DE000VA71X26	AHOLD 19TL 1218V	EUR	1,6480	1,6480	1,6480			1,6480					
Certificate	DE000CQ5AJX9	AHOLD 19TL OPENC	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	DE000CQ5AHB9	AHOLD 19TL OPENC	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000CP06Z79	AHOLD 19TL OPENC	EUR											
Certificate	NL0012648398	AHOLD 20BOC0619Z	EUR	19,5950	19,6400	19,5950			19,6400					
Certificate	DE000VA640Y7	AHOLD 20TS 0319V	EUR											
Certificate	DE000VAGED55	AHOLD 20TS 1218V	EUR											
Certificate	DE000CP06M66	AHOLD 20TS OPENC	EUR											
Certificate	DE000CP06PC0	AHOLD 20TS OPENC	EUR											
Certificate	NL0012795306	AHOLD 21BOC0319Z	EUR	20,1950	20,3300	20,1950			20,3300					
Certificate	DE000VA64009	AHOLD 21TS 0319V	EUR	0,8530	0,8530	0,8530			0,8530					
Certificate	DE000VAGEDQ1	AHOLD 21TS 1218V	EUR	0,0825	0,0825	0,0825			0,0825					
Certificate	DE000CP06L42	AHOLD 21TS OPENC	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	DE000CP06KU3	AHOLD 21TS OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CJ3NL25	AHOLD 22TS 1218Z	EUR	0,3950	0,3950	0,3350			0,3350					
Certificate	DE000CY52B46	AHOLD 22TS OPENC	EUR											
Certificate	DE000CP06040	AHOLD 22TS OPENC	EUR	1,6700	1,6900	1,6500	166,0000	2	1,6900	100				
Certificate	DE000CQ5AS34	AHOLD 23TS OPENC	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000CQ5AJY7	AHOLD 23TS OPENC	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	DE000CJ3NJG1	AHOLD 24TS 1218Z	EUR	0,7950	0,7950	0,7250			0,7250					
Certificate	DE000CQ5BDR2	AHOLD 24TS OPENC	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	DE000CQ5AHC7	AHOLD 24TS OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CQ5B253	AHOLD 24TS OPENC	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	DE000CQ5BPL9	AHOLD 25TS OPENC	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	DE000CP06255	AHOLD 25TS OPENC	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	DE000CV8ABG8	AHOLD 26TS 1218Z	EUR	1,1950	1,1950	1,1250			1,1250					
Certificate	NL0010126751	AHOLD 3.6TL OPENB	EUR	81,7050	81,7050	81,7050			81,7050					
Certificate	NL0010123261	AHOLD 6.6TL OPENB	EUR	14,3900	14,3900	14,3900			14,3900					
Certificate	NL0010280368	AHOLD 7.5TL OPENB	EUR	13,5300	13,5300	13,5300			13,5300					
Certificate	NL0010877007	AHOLD 8.4TL OPENB	EUR	12,7200	12,7200	12,7200			12,7200					
Certificate	NL0010442299	AHOLD 9.6TL OPENB	EUR	11,6000	11,6000	11,6000			11,6000					
Certificate	NL0010899076	AHOLD 10.2TL OPENB	EUR	52,5850	52,5850	52,5850			52,5850					
Certificate	NL0010898912	AHOLD 11.6TL OPENB	EUR	9,6900	9,6900	9,6900			9,6900					
Certificate	NL0010912150	AHOLD 12.2TL OPENB	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	NL0010914404	AHOLD 12.7TL OPENB	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	NL0010918538	AHOLD 13.2TL OPENB	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	NL0011442231	AHOLD 13.4BL OPENB	EUR	7,2200	7,2200	7,2200			7,2200					



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
Certificate	NL0010921763	AHOLD 13.9TL OPENB	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	NL0011260500	AHOLD 14.1TL OPENB	EUR	35,3450	35,3450	35,3450			35,3450					
Certificate	DE000CR6XCT1	AHOLD 14.4TL OPENZ	EUR	2,7400	2,9050	2,7400			2,9050					
Certificate	NL0012497713	AHOLD 14.8TL OPENB	EUR	6,7300	6,7300	6,7300			6,7300					
Certificate	NL0012520340	AHOLD 14.9TL OPENH	EUR	6,6100	6,6100	6,6000			6,6000					
Certificate	NL0012494488	AHOLD 16.6BOC1218B	EUR	16,5600	16,5600	16,5600			16,5600					
Certificate	NL0012685010	AHOLD 16.6TL OPENB	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	NL0012236251	AHOLD 17.4BON1218Z	EUR	20,2300	20,5600	20,2300			20,5600					
Certificate	DE000VA64025	AHOLD 17.5TL 0319V	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	DE000VAGTX96	AHOLD 17.5TL 1218V	EUR	3,1080	3,1080	3,1080			3,1080					
Certificate	NL0012770721	AHOLD 17.5TL OPENB	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	NL0012779839	AHOLD 18.3TL OPENB	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000VA64041	AHOLD 18.5TL 0319V	EUR	2,1320	2,1320	2,1320			2,1320					
Certificate	DE000VA6ED30	AHOLD 18.5TL 1218V	EUR	2,1090	2,1090	2,1090			2,1090					
Certificate	NL0013013675	AHOLD 19.1TL OPENB	EUR	2,7000	2,7100	2,7000	486,0000	1	2,7100	180				
Certificate	NL0012648935	AHOLD 19.5BOC1218Z	EUR	19,3850	19,4100	19,3850			19,4100					
Certificate	DE000VA710Q4	AHOLD 19.5TL 0319V	EUR	1,2370	1,2370	1,2370			1,2370					
Certificate	DE000VA710P6	AHOLD 19.5TL 1218V	EUR	1,1990	1,1990	1,1990			1,1990					
Certificate	NL0012999031	AHOLD 20.3BS OPENB	EUR											
Certificate	NL0012648943	AHOLD 20.5BOC0619Z	EUR	19,9750	20,0400	19,9750			20,0400					
Certificate	DE000VA640Z4	AHOLD 20.5TS 0319V	EUR											
Certificate	NL0012792972	AHOLD 20.8BOC1218B	EUR	20,5000	20,5000	20,4900			20,4900					
Certificate	DE000VA64017	AHOLD 21.5TS 0319V	EUR	1,3080	1,3080	1,3080			1,3080					
Certificate	NL0012987937	AHOLD 21.7TS OPENB	EUR	3,2200	3,2200	2,9600	18,5700	6	2,9600	6				
Certificate	NL0012795652	AHOLD 23.5BOC0919Z	EUR	20,4300	20,7500	20,4300			20,7500					
Certificate	NL0011656608	AHOLD 23.7TS OPENB	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	DE000CD62VH6	AHOLD 23.7TS OPENZ	EUR	0,7250	0,7250	0,6550			0,6550					
Certificate	NL0013002983	AHOLD 25.6TS OPENB	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	NL0011044201	AHOLD 9.87TL OPENH	EUR	11,3000	11,3000	11,2900			11,2900					
Certificate	DE000CE6EH61	AHOLD11.61TL OPENZ	EUR	1,7150	1,7850	1,7150			1,7850					
Certificate	NL0011044193	AHOLD11.99TL OPENH	EUR	9,3200	9,3200	9,3100			9,3100					
Certificate	DE000CE6F2D1	AHOLD12.11TL OPENZ	EUR	1,6150	1,6850	1,6150			1,6850					
Certificate	NL0012273940	AHOLD12.36BL OPENB	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	DE000CE6DMK6	AHOLD12.62TL OPENZ	EUR	1,5050	1,5750	1,5050			1,5750					
Certificate	NL0011044185	AHOLD13.05TL OPENH	EUR	8,3300	8,3300	8,3200			8,3200					
Certificate	DE000CR4JDR7	AHOLD13.15TL OPENZ	EUR	3,3400	3,5050	3,3400			3,5050					
Certificate	DE000CC5KCK6	AHOLD13.47TL OPENC	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	DE000VL2FRN1	AHOLD13.59TL OPENV	EUR	7,2850	7,2850	7,2850			7,2850					
Certificate	DE000CR4H9M9	AHOLD13.63TL OPENZ	EUR	6,5500	6,8900	6,5500			6,8900					
Certificate	NL0011044177	AHOLD14.11TL OPENH	EUR	7,3500	7,3500	7,3300			7,3300					
Certificate	DE000CR4J5V6	AHOLD14.32TL OPENZ	EUR	5,8500	6,1900	5,8500			6,1900					
Certificate	NL0011442249	AHOLD14.49BL OPENB	EUR	6,1300	6,1300	6,1300			6,1300					
Certificate	LU1574195100	AHOLD14.88TCIOPENS	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	DE000CC8A2Y4	AHOLD14.97TL OPENC	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000VL2FV38	AHOLD15.11TL OPENV	EUR	5,7550	5,7550	5,7550			5,7550					
Certificate	NL0012501399	AHOLD15.26BL OPENB	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	DE000CE6EYU8	AHOLD15.31TL OPENZ	EUR	0,9750	1,0450	0,9750			1,0450					
Certificate	DE000VL37ES4	AHOLD15.64TL OPENV	EUR	5,2450	5,2450	5,2450			5,2450					
Certificate	DE000CE6F4G0	AHOLD15.81TL OPENZ	EUR	0,8750	0,9450	0,8750			0,9450					
Certificate	NL0012509020	AHOLD16.03BL OPENB	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	DE000VL37QV2	AHOLD16.14TL OPENV	EUR	4,7390	4,7390	4,7390			4,7390					
Certificate	NL0012538649	AHOLD16.27TL OPENH	EUR	5,3400	5,3400	5,3200			5,3200					
Certificate	LU1650853457	AHOLD16.42TCIOPENS	EUR	4,5900	4,6700	4,5900	92,0000	1	4,6700	20				
Certificate	DE000VL5RW48	AHOLD16.66TL OPENV	EUR	4,2330	4,2330	4,2330			4,2330					
Certificate	NL0012685390	AHOLD16.79BL OPENB	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000CV4YVR2	AHOLD16.81TL OPENZ	EUR	0,6750	0,7450	0,6750	370,0000	1	0,7450	500				
Certificate	DE000VAGTXR5	AHOLD17.05TL OPENV	EUR	3,5190	3,5190	3,5190			3,5190					
Certificate	DE000VL76E54	AHOLD17.21TL OPENV	EUR	3,7270	3,7270	3,7270			3,7270					
Certificate	NL0012583421	AHOLD17.27TL OPENH	EUR	4,4100	4,4100	4,3900			4,3900					
Certificate	DE000VAG4XA9	AHOLD17.65TL OPENV	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000VL76NP9	AHOLD17.73TL OPENV	EUR	3,2220	3,2220	3,2220			3,2220					
Certificate	DE000CV87RC4	AHOLD17.79TL OPENZ	EUR	0,4850	0,5450	0,4850			0,5450					
Certificate	DE000VAGTXS3	AHOLD18.05TL OPENV	EUR	2,5170	2,5170	2,5170			2,5170					
Certificate	DE000VL8XJ51	AHOLD18.24TL OPENV	EUR	2,7190	2,7190	2,7190			2,7190					
Certificate	NL0012600886	AHOLD18.26TL OPENH	EUR	3,4800	3,4800	3,4700			3,4700					
Certificate	NL0012779466	AHOLD18.31BL OPENB	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	LU1817372987	AHOLD18.32TCIOPENS	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	LU1840350067	AHOLD18.64TCIOPENS	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000VAG6XT1	AHOLD18.65TL OPENV	EUR	1,5610	1,9160	1,5610	138,9300	1	1,9160	89				
Certificate	DE000CJ3N2Y9	AHOLD18.69TL OPENZ	EUR	0,3050	0,3750	0,3050			0,3750					
Certificate	DE000VL97TB2	AHOLD18.75TL OPENV	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	NL0012904957	AHOLD18.76TL OPENH	EUR	3,0200	3,0200	3,0100			3,0100					



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	DE000VA7TFM1	AHOLD18.877L OPENV	EUR	1,7170	1,7170	1,7170			1,7170					
Certificate	LU1840980756	AHOLD18.977C1OPENS	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	NL0013013337	AHOLD19.068L OPENB	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000VA71WX8	AHOLD19.077L OPENV	EUR	1,5180	1,5180	1,5180			1,5180					
Certificate	DE000VA71232	AHOLD19.277L OPENV	EUR	1,3190	1,3190	1,3190			1,3190					
Certificate	DE000VA71184	AHOLD19.477L OPENV	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	LU1841153015	AHOLD19.587C1OPENS	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000CJ3PF88	AHOLD19.587L OPENZ	EUR	0,1250	0,1950	0,1250			0,1950					
Certificate	DE000VA8FTS6	AHOLD19.677L OPENV	EUR	0,9410	0,9410	0,9410			0,9410					
Certificate	DE000VAGEHG3	AHOLD19.997S OPENV	EUR											
Certificate	DE000VAGEHH1	AHOLD20.197S OPENV	EUR											
Certificate	NL0012902787	AHOLD20.237S OPENH	EUR											
Certificate	DE000VAGEHJ7	AHOLD20.397S OPENV	EUR											
Certificate	DE000VAGEHK5	AHOLD20.597S OPENV	EUR	0,2180	0,2180	0,2180			0,2180					
Certificate	LU1817372128	AHOLD20.617C1OPENS	EUR	0,6900	0,6900	0,5200	13,8000	1	0,5200	20				
Certificate	NL0012901086	AHOLD20.737S OPENH	EUR	1,9100	1,9200	1,9100			1,9200					
Certificate	DE000VAGEDG2	AHOLD20.797S OPENV	EUR	0,5030	0,5030	0,5030			0,5030					
Certificate	DE000VAGEHM1	AHOLD20.997S OPENV	EUR	0,6780	0,6780	0,6780			0,6780					
Certificate	DE000VAGEHP4	AHOLD21.197S OPENV	EUR	0,8510	0,8510	0,8510			0,8510					
Certificate	NL0012900666	AHOLD21.227S OPENH	EUR	2,4500	2,4600	2,4500			2,4600					
Certificate	DE000VAGEHS8	AHOLD21.397S OPENV	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	NL0012936082	AHOLD21.657S OPENH	EUR	2,9000	2,9100	2,9000			2,9100					
Certificate	DE000CJ3NJT4	AHOLD21.717S OPENZ	EUR	0,3350	0,3350	0,2650			0,2650					
Certificate	DE000VA4Y154	AHOLD21.857S OPENV	EUR	1,4090	1,4090	1,4090			1,4090					
Certificate	DE000VAGTXP9	AHOLD21.997S OPENV	EUR	1,6140	1,6140	1,6140			1,6140					
Certificate	DE000VAGTXQ7	AHOLD22.197S OPENV	EUR	1,8140	1,8140	1,8140			1,8140					
Certificate	NL0011522966	AHOLD22.298S OPENB	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	NL0012602585	AHOLD22.347S OPENH	EUR	3,6500	3,6600	3,6500			3,6600					
Certificate	NL0012601611	AHOLD22.357S OPENH	EUR	3,6600	3,6700	3,6600			3,6700					
Certificate	DE000VAG4W91	AHOLD22.387S OPENV	EUR	2,0180	2,0180	2,0180			2,0180					
Certificate	NL0011930631	AHOLD22.467S OPENH	EUR	3,7900	3,8000	3,7900			3,8000					
Certificate	NL0012919989	AHOLD22.517S OPENH	EUR	3,8400	3,8500	3,8400			3,8500					
Certificate	LU1790428608	AHOLD22.727C1OPENS	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000VA4Y0S0	AHOLD22.857S OPENV	EUR	2,4030	2,4030	2,4030			2,4030					
Certificate	DE000VA71095	AHOLD22.957S OPENV	EUR	2,6190	2,6190	2,6190			2,6190					
Certificate	NL0011720248	AHOLD22.987S OPENH	EUR	4,3400	4,3500	4,3400			4,3500					
Certificate	DE000VA323A2	AHOLD23.897S OPENV	EUR	3,3930	3,3930	3,3930			3,3930					
Certificate	NL0011230982	AHOLD24.167S OPENH	EUR	5,6200	5,6300	5,6200			5,6300					
Certificate	NL0012780134	AHOLD24.268S OPENB	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000VA4YXB4	AHOLD24.897S OPENV	EUR	4,4210	4,4210	4,4210			4,4210					
Certificate	DE000CV8A195	AHOLD25.717S OPENZ	EUR	1,1250	1,1250	1,0550			1,0550					
Certificate	NL0013015027	AHOLD26.278S OPENB	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	NL0012933170	AHOLD28.087S OPENH	EUR	9,8500	9,8600	9,8500			9,8600					
Certificate	DE000CW42K73	AIRBU 45TL OPENC	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	DE000CY16KX8	AIRBU 60TL OPENC	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0012981997	AIRBU 113TS OPENB	EUR	23,9650	23,9650	23,9650			23,9650					
Certificate	NL0009447648	AIRBU 8.7TL OPENB	EUR	90,1650	90,1650	90,1650			90,1650					
Certificate	NL0012582472	AIRBU 152.7S OPENH	EUR	68,8400	68,8400	66,2100			66,2100					
Certificate	NL0010284840	AIRBU 29.1TL OPENB	EUR	71,1250	71,1250	71,1250			71,1250					
Certificate	NL0010379855	AIRBU 33.5TL OPENB	EUR	67,0950	67,0950	67,0950			67,0950					
Certificate	NL0010888640	AIRBU 35.1TL OPENB	EUR	62,6650	65,6050	62,6650			65,6050					
Certificate	NL0012103469	AIRBU 60.2TL OPENB	EUR	42,2750	42,2750	42,2750			42,2750					
Certificate	NL0012497671	AIRBU 75.5TL OPENB	EUR	25,0600	28,0150	25,0600	3759,0000	1	28,0150	150				
Certificate	NL0012529127	AIRBU 79.1TL OPENH	EUR	21,6600	24,2800	21,6600			24,2800					
Certificate	NL0012689137	AIRBU 84.6TL OPENB	EUR	19,5050	19,5050	19,5050			19,5050					
Certificate	NL0012689491	AIRBU 87.7TL OPENB	EUR	16,6950	16,6950	16,6950			16,6950					
Certificate	NL0013009616	AIRBU 90.6TL OPENB	EUR	13,9950	13,9950	13,9950			13,9950					
Certificate	NL0013011661	AIRBU 93.6TL OPENB	EUR											
Certificate	NL0013012602	AIRBU 96.6TL OPENB	EUR											
Certificate	NL0013086044	AIRBU100.5TS OPENH	EUR	13,4900	13,4900	10,8600			10,8600					
Certificate	NL0013014871	AIRBU100.7BS OPENB	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	NL0013015498	AIRBU100.7TS OPENB	EUR	10,7050	10,7050	10,7050			10,7050					
Certificate	NL0013009855	AIRBU103.2TS OPENB	EUR	13,4250	13,4250	13,4250			13,4250					
Certificate	NL0013009863	AIRBU105.7TS OPENB	EUR	16,1250	16,1250	16,1250			16,1250					
Certificate	NL0013007289	AIRBU108.2TS OPENB	EUR	18,8150	18,8150	18,8150			18,8150					
Certificate	NL0012971915	AIRBU110.6TS OPENB	EUR	21,3550	21,3550	21,3550			21,3550					
Certificate	NL0012977763	AIRBU110.7BS OPENB	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	NL0012582118	AIRBU112.5TS OPENH	EUR	26,3400	26,3400	23,6700			23,6700					
Certificate	NL0012979504	AIRBU120.6BS OPENB	EUR	2,3050	2,3050	2,3050			2,3050					
Certificate	NL0012529283	AIRBU126.9TS OPENH	EUR	41,8100	41,8100	39,1800			39,1800					
Certificate	NL0012553595	AIRBU139.7TS OPENH	EUR	55,6100	55,6100	52,9800			52,9800					
Certificate	NL0011412838	AIRBU21.32TL OPENH	EUR	75,4600	78,0700	75,4600			78,0700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011412796	AIRBU46.52TL OPENH	EUR	52,0000	54,6100	52,0000			54,6100					
Certificate	NL0011993456	AIRBU52.92TL OPENH	EUR	46,0400	48,6500	46,0400			48,6500					
Certificate	DE000CD63PK0	AIRBU54.88TL OPENZ	EUR	39,6600	43,1800	39,6600			43,1800					
Certificate	NL0012051692	AIRBU58.85TL OPENH	EUR	40,5200	43,1300	40,5200			43,1300					
Certificate	DE000CD644P7	AIRBU60.99TL OPENZ	EUR	33,5500	37,0750	33,5500			37,0750					
Certificate	NL0012175020	AIRBU63.36TL OPENH	EUR	36,3200	38,9300	36,3200			38,9300					
Certificate	NL0012211346	AIRBU66.98TL OPENH	EUR	32,9400	35,5600	32,9400			35,5600					
Certificate	DE000CE6BS46	AIRBU66.98TL OPENZ	EUR	5,5200	6,2200	5,5200			6,2200					
Certificate	NL0012519441	AIRBU71.01TL OPENH	EUR	29,2000	31,8100	29,2000			31,8100					
Certificate	NL0012520704	AIRBU75.05TL OPENH	EUR	25,4300	28,0400	25,4300			28,0400					
Certificate	DE000CE6EXR6	AIRBU75.94TL OPENZ	EUR	3,7400	4,4400	3,7400			4,4400					
Certificate	NL0013008618	AIRBU81.55BL OPENB	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	NL0012578546	AIRBU83.09TL OPENH	EUR	17,9300	20,5500	17,9300			20,5500					
Certificate	DE000CV87FF2	AIRBU85.89TL OPENZ	EUR	1,7800	2,4700	1,7800			2,4700					
Certificate	NL0012977482	AIRBU86.55BL OPENB	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	NL0012578538	AIRBU87.13TL OPENH	EUR	14,1800	16,7900	14,1800			16,7900					
Certificate	NL0012608426	AIRBU91.14TL OPENH	EUR	10,4500	13,0600	10,4500			13,0600					
Certificate	NL0013007552	AIRBU91.62BL OPENB	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	NL0013013162	AIRBU96.61BL OPENB	EUR											
Certificate	NL0012795967	AIRFR LEVOPENZ	EUR	24,6800	28,0100	24,6800			28,0100					
Certificate	NL0012796007	AIRFR SHROPENZ	EUR	58,6400	58,6400	51,1700			51,1700					
Certificate	DE000CV0AYK6	AIRFR 5TL OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	LU1756859010	AIRFR 6TCIOPENS	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	DE000VA3ZUR5	AIRFR 6TL 1218V	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CQ5AU48	AIRFR 6TL OPENC	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000CQ5AS42	AIRFR 6TL OPENC	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000VA7PUC9	AIRFR 7TL 0319V	EUR	1,5270	1,5270	1,5270			1,5270					
Certificate	DE000VA3Z328	AIRFR 7TL 1218V	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	NL0012978233	AIRFR 7TL OPENB	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CQ5BHE1	AIRFR 7TL OPENC	EUR											
Certificate	DE000CP06287	AIRFR 7TL OPENC	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000VA8FTA4	AIRFR 8TL 0319V	EUR											
Certificate	DE000VA710X0	AIRFR 8TL 0319V	EUR											
Certificate	DE000VA8FS97	AIRFR 8TL 1218V	EUR											
Certificate	DE000VA710W2	AIRFR 8TL 1218V	EUR											
Certificate	NL0013014434	AIRFR 8TL OPENB	EUR											
Certificate	NL0013013626	AIRFR 8TL OPENB	EUR											
Certificate	DE000VA7PUA3	AIRFR 9TS 0319V	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000VA7PUF2	AIRFR 9TS 1218V	EUR	0,8120	0,8120	0,8120			0,8120					
Certificate	DE000CP06NS1	AIRFR 9TS OPENC	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CP06PDB	AIRFR 9TS OPENC	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000VA7PT95	AIRFR 10TS 0319V	EUR	1,8290	1,8290	1,8290			1,8290					
Certificate	DE000VA4Y2A4	AIRFR 10TS 1218V	EUR	1,8140	1,8140	1,8140			1,8140					
Certificate	DE000CQ5ABN7	AIRFR 10TS OPENC	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CQ5AK08	AIRFR 10TS OPENC	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	DE000CQ5A578	AIRFR 11TS OPENC	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CV50L53	AIRFR 16TS OPENC	EUR	6,3700	6,3700	6,3700			6,3700					
Certificate	NL0009998012	AIRFR 2.9TL OPENB	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	NL0011240825	AIRFR 3.6TL OPENH	EUR	4,7600	5,0200	4,7600			5,0200					
Certificate	DE000CD625T7	AIRFR 4.1TL OPENZ	EUR	4,2500	4,4700	4,2500			4,4700					
Certificate	NL0010133435	AIRFR 4.4TL OPENB	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0011240817	AIRFR 4.5TL OPENH	EUR	3,9900	4,2300	3,9900			4,2300					
Certificate	NL0011919006	AIRFR 4.6TL OPENB	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	DE000CX596P5	AIRFR 4.6TL OPENC	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	DE000VA3ZUN4	AIRFR 5.6TL 1218V	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	NL0012111785	AIRFR 5.6TL OPENB	EUR	2,9400	3,2200	2,9100	52390,0000	9		17500				
Certificate	DE000VA3ZUP9	AIRFR 5.8TL 1218V	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000VA3ZUT1	AIRFR 6.2TL 1218V	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	NL0012175061	AIRFR 6.3TL OPENH	EUR	2,2800	2,5300	2,2800			2,5300					
Certificate	DE000CE6BNL6	AIRFR 6.3TL OPENZ	EUR	2,1500	2,3700	2,1500			2,3700					
Certificate	DE000VA71PN3	AIRFR 6.4TL 0319V	EUR	2,1270	2,1270	2,1270			2,1270					
Certificate	DE000VA3ZUV7	AIRFR 6.4TL 1218V	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000CQ5AYL3	AIRFR 6.5TL OPENC	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	NL0012175053	AIRFR 6.5TL OPENH	EUR	2,0800	2,3400	2,0800			2,3400					
Certificate	DE000VA71WQ2	AIRFR 6.6TL 0319V	EUR	1,9270	1,9270	1,9270			1,9270					
Certificate	DE000VA3ZUX3	AIRFR 6.6TL 1218V	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0012794721	AIRFR 6.6TL OPENB	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000VA1SR82	AIRFR 6.6TL OPENV	EUR	2,0220	2,0220	2,0220			2,0220					
Certificate	DE000VA8FVV6	AIRFR 6.8TL 0319V	EUR	1,7270	1,7270	1,7270			1,7270					
Certificate	DE000VA3ZU28	AIRFR 6.8TL 1218V	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0012926000	AIRFR 6.8TL OPENH	EUR	1,8400	2,0900	1,8400			2,0900					
Certificate	NL0012927404	AIRFR 7.1TL OPENH	EUR	1,5600	1,8100	1,5600			1,8100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71WR0	AIRFR 7.2TL 0319V	EUR	1,3280	1,3280	1,3280			1,3280					
Certificate	DE000VA4YXE8	AIRFR 7.2TL 1218V	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	NL0012932776	AIRFR 7.3TL OPENH	EUR	1,3800	1,6300	1,3800			1,6300					
Certificate	DE000VA4YX59	AIRFR 7.4TL 1218V	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	NL0012985915	AIRFR 7.4TL OPENB	EUR	1,2600	1,5700	1,2600	20300,0000	7	1,5700	14000				
Certificate	DE000VA7PUD7	AIRFR 7.5TL 0319V	EUR	1,0280	1,0280	1,0280			1,0280					
Certificate	DE000CP06057	AIRFR 7.5TL OPENC	EUR	0,8000	0,8800	0,8000	16700,0000	4	0,8700	20000				
Certificate	NL0012933766	AIRFR 7.5TL OPENH	EUR	1,1900	1,4500	1,1900			1,4500					
Certificate	DE000CQ5BD50	AIRFR 7.5TS OPENC	EUR											
Certificate	DE000VA4YX75	AIRFR 7.6TL 1218V	EUR	0,9110	0,9110	0,9110			0,9110					
Certificate	NL0013012131	AIRFR 7.7TL OPENB	EUR	1,0000	1,2200	1,0000	9900,0000	3	1,2200	9000				
Certificate	NL0012933758	AIRFR 7.7TL OPENH	EUR	1,0100	1,2600	1,0100			1,2600					
Certificate	DE000VA71WS8	AIRFR 7.8TL 0319V	EUR											
Certificate	DE000VA71WP4	AIRFR 7.8TL 1218V	EUR											
Certificate	DE000CJ3PEF9	AIRFR 7.9TL OPENZ	EUR											
Certificate	DE000CJ3PF62	AIRFR 7.9TL OPENZ	EUR											
Certificate	NL0013087265	AIRFR 7.9TS OPENH	EUR											
Certificate	NL0013015480	AIRFR 8.3TS OPENB	EUR											
Certificate	NL0013011828	AIRFR 8.3TS OPENB	EUR											
Certificate	DE000VA8FSD0	AIRFR 8.5TS 0319V	EUR	0,3220	0,3220	0,3220			0,3220					
Certificate	DE000VA71PL7	AIRFR 8.5TS 0319V	EUR											
Certificate	DE000VA71PP8	AIRFR 8.5TS 1218V	EUR											
Certificate	DE000VA8FSE8	AIRFR 8.5TS 1218V	EUR	0,3110	0,3110	0,3110			0,3110					
Certificate	DE000CQ5AU55	AIRFR 8.5TS OPENC	EUR											
Certificate	DE000CP06TP4	AIRFR 8.5TS OPENC	EUR											
Certificate	LU1841153791	AIRFR 8.8TPIOPENS	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	NL0013009848	AIRFR 8.8TS OPENB	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CJ3N401	AIRFR 8.8TS OPENZ	EUR	0,7400	0,7400	0,5400	1735,0000	4	0,5400	3000				
Certificate	NL0012598270	AIRFR 9.3TS OPENH	EUR	2,0300	2,0300	1,7700			1,7700					
Certificate	NL0012988695	AIRFR 9.4TS OPENB	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	NL0012796429	AIRFR 9.5B0C0919Z	EUR	8,3700	8,4700	8,3700			8,4700					
Certificate	DE000VA7PUB1	AIRFR 9.5TS 0319V	EUR	1,3270	1,3270	1,3270			1,3270					
Certificate	DE000VA5EMY8	AIRFR 9.5TS 1218V	EUR	1,3130	1,3130	1,3130			1,3130					
Certificate	NL0012598262	AIRFR 9.5TS OPENH	EUR	2,2400	2,2400	1,9800			1,9800					
Certificate	NL0012598254	AIRFR 9.7TS OPENH	EUR	2,4500	2,4500	2,2000			2,2000					
Certificate	NL0012795504	AIRFR 9.8B0C0619Z	EUR	8,4600	8,5900	8,4600			8,5900					
Certificate	NL0012988703	AIRFR 9.9TS OPENB	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0012796437	AIRFR 10.1B0C1219Z	EUR	8,2600	8,4200	8,2600			8,4200					
Certificate	NL0012580559	AIRFR 10.3TS OPENH	EUR	3,0700	3,0700	2,8100			2,8100					
Certificate	NL0012795512	AIRFR 10.5B0C0919Z	EUR	8,4000	8,5600	8,4000			8,5600					
Certificate	DE000VA5RKM9	AIRFR 10.5TS 1218V	EUR	2,3140	2,3140	2,3140			2,3140					
Certificate	NL0012689681	AIRFR 10.5TS OPENB	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000CQ5A560	AIRFR 10.5TS OPENC	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	NL0012580542	AIRFR 10.8TS OPENH	EUR	3,6000	3,6000	3,3400			3,3400					
Certificate	DE000CJ3NV49	AIRFR 11.1TS OPENZ	EUR	3,5300	3,5300	3,3100			3,3100					
Certificate	NL0012580534	AIRFR 11.8TS OPENH	EUR	4,6600	4,6600	4,4100			4,4100					
Certificate	DE000CV523W4	AIRFR 12.5TS OPENC	EUR											
Certificate	DE000CV524K7	AIRFR 12.5TS OPENC	EUR											
Certificate	NL0012559637	AIRFR 12.7TS OPENH	EUR	5,7000	5,7000	5,4400			5,4400					
Certificate	NL0012560916	AIRFR 13.5TS OPENH	EUR	6,5500	6,5500	6,3000			6,3000					
Certificate	NL0012367817	AIRFR 14.5TS OPENH	EUR	7,6200	7,6200	7,3600			7,3600					
Certificate	NL0012274724	AIRFR 14.6TS OPENB	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	NL0012331961	AIRFR 15.6TS OPENH	EUR	8,7500	8,7500	8,4900			8,4900					
Certificate	NL0006273211	AIRFR 16.6TS OPENB	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	NL0012536411	AIRFR 17.7TS OPENH	EUR	11,1100	11,1100	10,8500			10,8500					
Certificate	NL0012516918	AIRFR 17.7TS OPENH	EUR	11,0400	11,0400	10,7900			10,7900					
Certificate	DE000CV89F42	AIRFR 5.24TL OPENZ	EUR	3,1600	3,3800	3,1600			3,3800					
Certificate	DE000VA2T4U7	AIRFR 5.61TL OPENV	EUR	2,9980	2,9980	2,9980			2,9980					
Certificate	DE000CV88N50	AIRFR 5.77TL OPENZ	EUR	2,6600	2,8700	2,6600			2,8700					
Certificate	DE000VA1ZDB9	AIRFR 6.11TL OPENV	EUR	2,5040	2,5040	2,5040			2,5040					
Certificate	DE000CX0JEZ8	AIRFR 6.25TL OPENC	EUR											
Certificate	DE000CQ5AYK5	AIRFR 6.25TL OPENC	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	LU1790007766	AIRFR 6.44TCIOPENS	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	NL0012787295	AIRFR 6.45BL OPENB	EUR	2,0300	2,0650	2,0300	6090,0000	1	2,0650	3000				
Certificate	LU1790007923	AIRFR 6.67TCIOPENS	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CV89WC0	AIRFR 6.83TL OPENZ	EUR	1,6500	1,8700	1,6500			1,8700					
Certificate	DE000VA3TK11	AIRFR 7.07TS OPENV	EUR											
Certificate	LU1790494907	AIRFR 7.08TCIOPENS	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000VA4YSZ3	AIRFR 7.14TL OPENV	EUR	1,5560	1,5560	1,5560			1,5560					
Certificate	DE000CV8AHG5	AIRFR 7.35TL OPENZ	EUR	1,1500	1,3700	1,1500			1,3700					
Certificate	LU1790584301	AIRFR 7.46TCIOPENS	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000VA3TELS	AIRFR 7.57TS 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	LU1790584566	AIRFR 7.63TCIOPENS	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000VA4YYG1	AIRFR 7.64TL OPENV	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000VA8FTF3	AIRFR 7.94TL OPENV	EUR											
Certificate	DE000CJ3PGD9	AIRFR 7.95TL OPENZ	EUR											
Certificate	DE000CJ3PEU8	AIRFR 7.95TL OPENZ	EUR											
Certificate	NL0013014335	AIRFR 7.96BL OPENB	EUR											
Certificate	LU1841152553	AIRFR 8.14TCIOPENS	EUR											
Certificate	DE000VA8FTG1	AIRFR 8.14TL OPENV	EUR											
Certificate	NL0013013477	AIRFR 8.21BL OPENB	EUR											
Certificate	LU1841028894	AIRFR 8.26TCIOPENS	EUR											
Certificate	LU1840911199	AIRFR 9.13TCIOPENS	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CV886W8	AIRFR 9.13TS OPENZ	EUR	1,4900	1,4900	1,2800				1,2800				
Certificate	DE000VL97Q22	AIRFR 9.63TS OPENV	EUR	1,6290	1,6290	1,6290				1,6290				
Certificate	LU1790699893	AIRFR 9.72TCIOPENS	EUR	1,4500	1,4500	1,4500				1,4500				
Certificate	NL0012773014	AIRFR10.01BS OPENB	EUR	1,7550	1,7550	1,7550				1,7550				
Certificate	DE000CV87YH9	AIRFR10.08TS OPENZ	EUR	2,4900	2,4900	2,2700				2,2700				
Certificate	DE000VL97Q06	AIRFR10.13TS OPENV	EUR	2,1430	2,1430	2,1430				2,1430				
Certificate	DE000VL8XMF8	AIRFR10.46TS OPENV	EUR	1,9730	1,9730	1,9730				1,9730				
Certificate	DE000VA6EFA0	AIRFR10.47TS OPENV	EUR	2,1850	2,1850	2,1850				2,1850				
Certificate	NL0013000433	AIRFR10.51BS OPENB	EUR	2,2550	2,2550	2,2550				2,2550				
Certificate	DE000VA5EMV4	AIRFR10.51TS OPENV	EUR	2,6830	2,6830	2,6830				2,6830				
Certificate	DE000CV8AJ65	AIRFR10.69TS OPENZ	EUR	2,6000	2,6000	2,3900				2,3900				
Certificate	LU1840348590	AIRFR10.88TCIOPENS	EUR	2,6300	2,6300	2,6300				2,6300				
Certificate	DE000VL8XMG6	AIRFR10.96TS OPENV	EUR	2,4610	2,4610	2,4610				2,4610				
Certificate	DE000VA6EFC6	AIRFR11.07TS OPENV	EUR	2,7820	2,7820	2,7820				2,7820				
Certificate	DE000VA5RKJ5	AIRFR11.31TS OPENV	EUR	2,9830	2,9830	2,9830				2,9830				
Certificate	DE000CV8B1S7	AIRFR11.69TS OPENZ	EUR	3,5900	3,5900	3,3800				3,3800				
Certificate	DE000CV89BQ4	AIRFR4.405TL OPENZ	EUR	3,7700	3,9800	3,7700				3,9800				
Certificate	DE000CV88GP7	AIRFR5.416TL OPENZ	EUR	2,7600	2,9800	2,7600				2,9800				
Certificate	DE000CV893X2	AIRFR5.911TL OPENZ	EUR	2,2700	2,4900	2,2700				2,4900				
Certificate	NL0012970420	AIRFR5.943BL OPENB	EUR	2,4300	2,5750	2,4300	994,0000	2		2,5750	400			
Certificate	NL0012787287	AIRFR6.197BL OPENB	EUR	2,3150	2,3150	2,3150				2,3150				
Certificate	DE000VA71WM1	AIRFR6.236TL OPENV	EUR	2,2100	2,2100	2,2100				2,2100				
Certificate	DE000CV87XY6	AIRFR6.415TL OPENZ	EUR	1,7700	2,0300	1,7200	7505,4300	8		1,9900	3931			
Certificate	DE000VA1SR33	AIRFR6.432TL OPENV	EUR	1,9130	1,9130	1,9130				1,9130				
Certificate	NL0012114334	AIRFR6.703BL OPENB	EUR	1,8000	1,8200	1,7900	21610,0000	3		1,8150	12000			
Certificate	DE000VA71RQ2	AIRFR6.735TL OPENV	EUR	1,7090	1,7090	1,7090				1,7090				
Certificate	DE000CV89W25	AIRFR6.913TL OPENZ	EUR	1,2900	1,5000	1,2900				1,5000				
Certificate	NL0012977185	AIRFR6.954BL OPENB	EUR	1,5650	1,5650	1,5650				1,5650				
Certificate	DE000VA32344	AIRFR6.975TL OPENV	EUR	1,4100	1,4100	1,4100				1,4100				
Certificate	DE000CN6G2A7	AIRFR7.033TS OPENZ	EUR											
Certificate	NL0012984223	AIRFR7.206BL OPENB	EUR	1,3150	1,3150	1,3150				1,3150				
Certificate	DE000VA6EFG7	AIRFR7.319TL OPENV	EUR	1,1090	1,1090	1,1090				1,1090				
Certificate	DE000CV8AHA8	AIRFR7.407TL OPENZ	EUR	0,8100	1,0200	0,8100	1995,7500	3		1,0200	2075			
Certificate	NL0012985766	AIRFR7.458BL OPENB	EUR	1,0900	1,0900	1,0550	272,5000	1		1,0550	250			
Certificate	DE000VA4YYJ5	AIRFR7.488TL OPENV	EUR	0,9060	0,9060	0,9060				0,9060				
Certificate	NL0012986129	AIRFR7.708BL OPENB	EUR	0,6800	0,8050	0,5850	11366,2000	16		0,8050	16140			
Certificate	DE000VA71RR0	AIRFR7.735TL OPENV	EUR	0,7080	0,7080	0,7080				0,7080				
Certificate	DE000VA71Z26	AIRFR7.936TL OPENV	EUR											
Certificate	NL0013013469	AIRFR7.957BL OPENB	EUR											
Certificate	DE000VA71061	AIRFR8.136TL OPENV	EUR											
Certificate	DE000VA8FW34	AIRFR8.145TS OPENV	EUR											
Certificate	DE000VA8FW42	AIRFR8.345TS OPENV	EUR											
Certificate	DE000VA711K5	AIRFR8.346TS OPENV	EUR											
Certificate	DE000VA7TG21	AIRFR8.353TS OPENV	EUR											
Certificate	NL0013013832	AIRFR8.523BS OPENB	EUR	0,2650	0,2650	0,2650				0,2650				
Certificate	NL0013008832	AIRFR8.527BS OPENB	EUR											
Certificate	DE000VA8FSM1	AIRFR8.546TS OPENV	EUR	0,2950	0,2950	0,2950				0,2950				
Certificate	DE000VA71RP4	AIRFR8.553TS OPENV	EUR											
Certificate	DE000VA7TFJ7	AIRFR8.854TS OPENV	EUR	0,5910	0,5910	0,5910				0,5910				
Certificate	NL0013001712	AIRFR9.021BS OPENB	EUR	0,7900	0,7900	0,7650	37620,0000	5		0,7650	48000			
Certificate	DE000VA6T2B7	AIRFR9.069TS OPENV	EUR	0,7900	0,7900	0,7900				0,7900				
Certificate	DE000VA5RRE1	AIRFR9.293TS OPENV	EUR	0,9880	0,9880	0,9880				0,9880				
Certificate	DE000VA6EFD4	AIRFR9.474TS OPENV	EUR	1,1880	1,1880	1,1880				1,1880				
Certificate	NL0012988463	AIRFR9.519BS OPENB	EUR	1,2650	1,2650	1,2650				1,2650				
Certificate	DE000CV883G8	AIRFR9.697TS OPENZ	EUR	1,6200	1,6200	1,4100				1,4100				
Certificate	DE000VL8XMJ0	AIRFR9.959TS OPENV	EUR	1,4840	1,4840	1,4840				1,4840				
Certificate	DE000VAGT3J8	AIRFR9.968TS OPENV	EUR	1,6880	1,6880	1,6880				1,6880				
Certificate	NL0010888590	AIRLQ 71.8TL OPENB	EUR	4,6350	4,6350	4,6350				4,6350				
Certificate	NL0012030258	AIRLQ 80.3TL OPENB	EUR	3,6450	3,6450	3,6450				3,6450				
Certificate	NL0012038681	AIRLQ 85.9TL OPENB	EUR	3,0650	3,0650	3,0650				3,0650				
Certificate	NL0012572465	AIRLQ 90.7TL OPENH	EUR	2,1700	2,3200	2,1700				2,3200				



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	NL0012924278	AIRLQ103.9TL OPENH	EUR	0,9400	1,1000	0,9400			1,1000					
Certificate	NL0012524524	AIRLQ115.4TS OPENH	EUR	1,8500	1,8500	1,6900			1,6900					
Certificate	NL0012539209	AIRLQ115.8TS OPENH	EUR	1,8900	1,8900	1,7400			1,7400					
Certificate	NL0012596373	AIRLQ124.2TS OPENH	EUR	2,8000	2,8000	2,6400			2,6400					
Certificate	NL0011599030	AIRLQ70.24TL OPENH	EUR	4,4800	4,6500	4,4800			4,6500					
Certificate	DE000CR9RPS1	AIRLQ73.84TL OPENZ	EUR	3,1200	3,4100	3,1200			3,4100					
Certificate	NL0011988605	AIRLQ79.61TL OPENH	EUR	3,5200	3,6900	3,5200			3,6900					
Certificate	DE000CD64235	AIRLQ84.74TL OPENZ	EUR	2,0300	2,3200	2,0300			2,3200					
Certificate	NL0012572473	AIRLQ86.66TL OPENH	EUR	2,5500	2,7000	2,5500			2,7000					
Certificate	NL0012572457	AIRLQ92.72TL OPENH	EUR	1,9800	2,1400	1,9800			2,1400					
Certificate	DE000CV87HP7	AIRLQ94.66TL OPENZ	EUR	1,0500	1,3300	1,0500			1,3300					
Certificate	NL0012572440	AIRLQ94.74TL OPENH	EUR	1,7900	1,9500	1,7900			1,9500					
Certificate	NL0013009624	AIXG 5.26TL OPENB	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	NL0013002793	AIXG 6.26TL OPENB	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	NL0013002801	AIXG 7.26TL OPENB	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	NL0013010838	AIXG 8.24TL OPENB	EUR											
Certificate	NL0013012610	AIXG 9.25TL OPENB	EUR											
Certificate	NL0012999197	AIXG 10.98TS OPENB	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	NL0012999205	AIXG 11.97TS OPENB	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	DE000CJ3NV98	AIXG 5.239TL OPENZ	EUR	0,4950	0,6150	0,4950			0,6150					
Certificate	DE000CV89NY3	AIXG 6.751TL OPENZ	EUR	0,2050	0,3150	0,2050			0,3150					
Certificate	DE000CV89SY2	AIXG 7.744TL OPENZ	EUR											
Certificate	DE000CJ3PAC4	AIXG 8.544TL OPENZ	EUR											
Certificate	NL0012040661	AKZO 50TL OPENB	EUR	26,8350	26,8350	26,8350			26,8350					
Certificate	DE000CQ5AK16	AKZO 60TL OPENC	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CP06W31	AKZO 60TL OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	NL0012201115	AKZO 61TL OPENH	EUR	1,5700	1,7500	1,5700			1,7500					
Certificate	DE000CQ5AAX8	AKZO 65TL OPENC	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CQ5A3F4	AKZO 68TL OPENC	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000CQ5A3G2	AKZO 70TL OPENC	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CQ5AAY6	AKZO 70TL OPENC	EUR	0,7500	0,7800	0,7400	450,0000	1	0,7800	600				
Certificate	DE000CQ5A3H0	AKZO 72TL OPENC	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CQ5B279	AKZO 75TL OPENC	EUR											
Certificate	DE000CP06W49	AKZO 75TS OPENC	EUR											
Certificate	NL0013081557	AKZO 76TS OPENH	EUR											
Certificate	DE000CP06Z95	AKZO 80TS OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CP06W56	AKZO 80TS OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0012796098	AKZO 84BON1219Z	EUR	72,2000	74,5400	72,2000			74,5400					
Certificate	NL0012987234	AKZO 86B0C0619B	EUR	76,1500	76,1500	76,1500			76,1500					
Certificate	NL0012795660	AKZO 89B0C0619Z	EUR	70,6700	73,3600	70,6700			73,3600					
Certificate	DE000CQ5A3J6	AKZO 90TS OPENC	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CQ5AB25	AKZO 90TS OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0012213987	AKZO 90TS OPENH	EUR	2,7300	2,7300	2,5500			2,5500					
Certificate	NL0012648950	AKZO 92B0C0619Z	EUR	77,5050	80,2300	77,5050			80,2300					
Certificate	DE000CQ5AB33	AKZO 95TS OPENC	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000CQ5A3K4	AKZO 95TS OPENC	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000CP06271	AKZO 95TS OPENC	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000CQ5A3L2	AKZO 100TS OPENC	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CV8ANP4	AKZO 103.TS OPENZ	EUR	6,3900	6,3900	5,9900			5,9900					
Certificate	NL0010253282	AKZO 31.8TL OPENB	EUR											
Certificate	NL0011044706	AKZO 37.1TL OPENH	EUR	3,9200	4,1000	3,9200			4,1000					
Certificate	NL0010893459	AKZO 39.6TL OPENB	EUR	34,7650	36,5250	34,7650			36,5250					
Certificate	NL0011656632	AKZO 43.8TL OPENB	EUR	32,6050	32,6050	32,6050			32,6050					
Certificate	NL0011720404	AKZO 46.3TL OPENH	EUR	3,0200	3,1900	3,0200			3,1900					
Certificate	NL0011926670	AKZO 48.4TL OPENH	EUR	2,8100	2,9800	2,8100			2,9800					
Certificate	NL0011992060	AKZO 50.5TL OPENH	EUR	2,6100	2,7900	2,6100			2,7900					
Certificate	NL0011911532	AKZO 50.78L OPENB	EUR	23,3150	23,3150	23,3150			23,3150					
Certificate	NL0012106298	AKZO 52.1TL OPENB	EUR	24,9350	24,9350	24,9350			24,9350					
Certificate	NL0012050959	AKZO 52.4TL OPENH	EUR	2,4100	2,5900	2,4100			2,5900					
Certificate	NL0012171599	AKZO 56.3TL OPENH	EUR	2,0300	2,2100	2,0300			2,2100					
Certificate	NL0011993464	AKZO 57.4TL OPENH	EUR											
Certificate	NL0012116123	AKZO 58.2TL OPENB	EUR	19,2050	19,2050	19,2050			19,2050					
Certificate	NL0012116131	AKZO 60.3TL OPENB	EUR	16,7300	17,3050	16,6850	2509,5000	1	17,3050	150				
Certificate	NL0012116149	AKZO 62.3TL OPENB	EUR	13,6600	15,3950	13,6600	683,0000	1	15,3950	50				
Certificate	NL0012116610	AKZO 64.4TL OPENB	EUR	13,4950	13,4950	13,4950			13,4950					
Certificate	NL0012201107	AKZO 64.9TL OPENH	EUR	1,1900	1,3700	1,1900			1,3700					
Certificate	NL0012542872	AKZO 65.9TL OPENH	EUR	1,0900	1,2700	1,0900			1,2700					
Certificate	NL0012271381	AKZO 66.4TL OPENB	EUR	11,6050	11,6050	11,6050			11,6050					
Certificate	NL0012201099	AKZO 66.9TL OPENH	EUR	1,0000	1,1800	1,0000			1,1800					
Certificate	NL0012542864	AKZO 67.8TL OPENH	EUR	0,9100	1,0900	0,9100			1,0900					
Certificate	NL0012494884	AKZO 68.4TL OPENB	EUR	8,5300	9,7250	8,5050	3570,0000	2	9,7250	400				
Certificate	NL0012371025	AKZO 68.7TL OPENH	EUR	0,8100	0,9900	0,8100			0,9900					



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	DE000VA7TDQ7	AKZO 69.5TL OPENV	EUR	0,7645	0,7645	0,7645			0,7645					
Certificate	NL0012542856	AKZO 69.7TL OPENH	EUR	0,7200	0,9000	0,7200			0,9000					
Certificate	NL0012676290	AKZO 70.4TL OPENB	EUR	7,4700	7,8350	7,4700	896,4000	1	7,8350	120				
Certificate	NL0013013170	AKZO 71.5BL OPENB	EUR											
Certificate	DE000VA71TN5	AKZO 71.5TL OPENV	EUR	0,5825	0,5825	0,5825			0,5825					
Certificate	NL0012611008	AKZO 72.3TL OPENH	EUR											
Certificate	NL0013012628	AKZO 72.5TL OPENB	EUR											
Certificate	DE000VL76E39	AKZO 72.6TL OPENV	EUR											
Certificate	DE000VA71XM9	AKZO 73.5TL OPENV	EUR											
Certificate	NL0013085319	AKZO 76.4TS OPENH	EUR	1,1100	1,1100	0,9300			0,9300					
Certificate	NL0013015506	AKZO 76.7TS OPENB	EUR	9,6150	9,6150	9,6150			9,6150					
Certificate	NL0013009871	AKZO 79.7TS OPENB	EUR	12,8550	12,8550	12,8550			12,8550					
Certificate	NL0012792980	AKZO 81.1BOC1218B	EUR	77,5500	78,7000	77,5500			78,7000					
Certificate	NL0012904981	AKZO 81.2TS OPENH	EUR	1,6300	1,6300	1,4600			1,4600					
Certificate	NL0013007925	AKZO 82.7TS OPENB	EUR	16,0850	16,0850	16,0850			16,0850					
Certificate	NL0012583777	AKZO 84.4TS OPENH	EUR	1,9800	1,9800	1,8100			1,8100					
Certificate	NL0012987366	AKZO 85.6TS OPENB	EUR	19,2450	19,2450	19,2450			19,2450					
Certificate	NL0012584411	AKZO 88.4TS OPENH	EUR	2,4100	2,4100	2,2300			2,2300					
Certificate	NL0012580567	AKZO 88.5TS OPENH	EUR	2,4200	2,4200	2,2500			2,2500					
Certificate	NL0013001423	AKZO 88.6TS OPENB	EUR	22,4650	22,4650	22,4650			22,4650					
Certificate	DE000VL76KL4	AKZO 90.7TS OPENV	EUR	1,4185	1,4185	1,4185			1,4185					
Certificate	NL0012583769	AKZO 100.2TS OPENH	EUR	3,6800	3,6800	3,5100			3,5100					
Certificate	NL0011643697	AKZO 37.87BL OPENB	EUR	36,1450	36,1450	36,1450			36,1450					
Certificate	NL0011534862	AKZO 42.17BL OPENB	EUR	31,8350	31,8350	31,8350			31,8350					
Certificate	DE000CN6JXE2	AKZO 46.87TL OPENZ	EUR	24,5200	26,5300	24,5200			26,5300					
Certificate	DE000CD61W94	AKZO 49.82TL OPENZ	EUR	21,5650	23,5750	21,5650			23,5750					
Certificate	DE000CX59XK0	AKZO 51.19TL OPENC	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	DE000CD64EH8	AKZO 53.79TL OPENZ	EUR	3,5200	3,9200	3,5200			3,9200					
Certificate	NL0012106405	AKZO 54.88BL OPENB	EUR	19,1250	19,1250	19,1250			19,1250					
Certificate	DE000CE6DHD1	AKZO 58.73TL OPENZ	EUR	2,5400	2,9400	2,5400			2,9400					
Certificate	NL0012116362	AKZO 59.05BL OPENB	EUR	13,6600	14,9550	13,6600	163,9200	1	14,9550	12				
Certificate	NL0012116370	AKZO 61.13BL OPENB	EUR	12,8650	12,8650	12,8650			12,8650					
Certificate	NL0012116388	AKZO 63.22BL OPENB	EUR	10,7850	10,7850	10,7850			10,7850					
Certificate	DE000CE6DHE9	AKZO 63.72TL OPENZ	EUR	1,5500	1,9500	1,5500			1,9500					
Certificate	DE000VL61LG4	AKZO 64.56TL OPENV	EUR	1,0375	1,0375	1,0375			1,0375					
Certificate	DE000VA8FT96	AKZO 65.18TL OPENV	EUR	1,1485	1,1485	1,1485			1,1485					
Certificate	NL0012116396	AKZO 65.31BL OPENB	EUR	8,6100	8,6950	8,6100	861,0000	1	8,6950	100				
Certificate	DE000CY16EV5	AKZO 65.36TL OPENC	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000VL61LH2	AKZO 66.56TL OPENV	EUR	0,8355	0,8355	0,8355			0,8355					
Certificate	DE000CY16FK5	AKZO 66.61TL OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	LU1840980244	AKZO 66.76TCIOPENS	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	NL0012117170	AKZO 67.39BL OPENB	EUR	6,5650	6,5650	6,5650			6,5650					
Certificate	DE000VA7THH7	AKZO 67.49TL OPENV	EUR	0,9575	0,9575	0,9575			0,9575					
Certificate	DE000VL61UJ8	AKZO 68.56TL OPENV	EUR	0,6325	0,6325	0,6325			0,6325					
Certificate	DE000CE6DHF6	AKZO 68.71TL OPENZ	EUR	0,5600	0,9600	0,5600			0,9600					
Certificate	NL0012279830	AKZO 69.45BL OPENB	EUR	4,7050	4,7050	4,7050			4,7050					
Certificate	LU1756822281	AKZO 70.49TCIOPENS	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	DE000VL61LK6	AKZO 70.56TL OPENV	EUR	0,4305	0,4305	0,4305			0,4305					
Certificate	LU1756822448	AKZO 73.14TCIOPENS	EUR											
Certificate	DE000VA8FS06	AKZO 73.18TL OPENV	EUR											
Certificate	DE000VA37JL4	AKZO 73.22TL OPENV	EUR											
Certificate	NL0013013188	AKZO 73.48BL OPENB	EUR											
Certificate	LU1841096461	AKZO 74.36TCIOPENS	EUR											
Certificate	DE000VA8FT88	AKZO 74.41TS OPENV	EUR	0,5505	0,5505	0,5505			0,5505					
Certificate	LU1859829985	AKZO 74.97TCIOPENS	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	LU1573750244	AKZO 75.17TCIOPENS	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0013014889	AKZO 75.26BS OPENB	EUR	2,5650	2,5650	2,5650			2,5650					
Certificate	DE000VA71OM3	AKZO 76.41TS OPENV	EUR	0,7425	0,7425	0,7425			0,7425					
Certificate	DE000VA7THG9	AKZO 76.41TS OPENV	EUR											
Certificate	LU1840978933	AKZO 77.89TCIOPENS	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	NL0013013535	AKZO 78.25BS OPENB	EUR	7,3700	7,3700	5,5600	672,3600	2	5,5650	104				
Certificate	DE000VA7TET9	AKZO 78.41TS OPENV	EUR	0,9115	0,9115	0,9115			0,9115					
Certificate	DE000VA7TDP9	AKZO 80.41TS OPENV	EUR	1,1215	1,1215	1,1215			1,1215					
Certificate	NL0013013394	AKZO 80.87BS OPENB	EUR	8,1850	8,1850	8,1850			8,1850					
Certificate	LU1840911272	AKZO 81.48TCIOPENS	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000VAGT2Y9	AKZO 82.44TS OPENV	EUR	1,3275	1,3275	1,3275			1,3275					
Certificate	DE000CE6DN72	AKZO 83.05TS OPENZ	EUR	2,4000	2,4000	2,0000			2,0000					
Certificate	NL0012648406	AKZO 83.35BOC0619Z	EUR	83,7200	84,5800	83,7200			84,5800					
Certificate	NL0012690390	AKZO 83.86BS OPENB	EUR	11,1750	11,1750	11,1750			11,1750					
Certificate	DE000VAGT1T1	AKZO 84.44TS OPENV	EUR	1,5365	1,5365	1,5365			1,5365					
Certificate	LU1790692377	AKZO 85.32TCIOPENS	EUR	11,9000	11,9000	11,9000			11,9000					
Certificate	DE000VAGT1U9	AKZO 86.44TS OPENV	EUR	1,7465	1,7465	1,7465			1,7465					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VL76EX2	AKZO 86.76TS OPENV	EUR	1,0245	1,0245	1,0245			1,0245					
Certificate	NL0012984322	AKZO 86.84BS OPENB	EUR	14,1550	14,1550	14,1550			14,1550					
Certificate	LU1840348673	AKZO 87.75TPIOPENS	EUR	14,5600	14,5600	14,5600			14,5600					
Certificate	DE000VAGT1V7	AKZO 88.44TS OPENV	EUR	1,9565	1,9565	1,9565			1,9565					
Certificate	DE000VL76EYO	AKZO 88.76TS OPENV	EUR	1,2205	1,2205	1,2205			1,2205					
Certificate	NL0012993752	AKZO 89.84BS OPENB	EUR	17,1450	17,1450	17,1450			17,1450					
Certificate	DE000VAGT1W5	AKZO 90.44TS OPENV	EUR	2,1665	2,1665	2,1665			2,1665					
Certificate	DE000VA4Y0Z5	AKZO 91.86TS OPENV	EUR	1,8235	1,8235	1,8235			1,8235					
Certificate	DE000VL8XHY9	AKZO 92.58TS OPENV	EUR	1,6165	1,6165	1,6165			1,6165					
Certificate	DE000CV87598	AKZO 93.02TS OPENZ	EUR	4,3900	4,3900	3,9900			3,9900					
Certificate	DE000CJ3N5K1	ALGN 208.6TL OPENZ	EUR											
Certificate	DE000CV8ALJ1	ALGN 253.9TL OPENZ	EUR											
Certificate	DE000CV8ALK9	ALGN 304.2TL OPENZ	EUR											
Certificate	NL0011054143	ALLIA 109TL OPENH	EUR	7,9300	8,0900	7,9300			8,0900					
Certificate	NL0011989314	ALLIA 125TL OPENH	EUR	6,4400	6,6000	6,4400			6,6000					
Certificate	NL0012033328	ALLIA 135TL OPENB	EUR	5,7950	5,7950	5,7950			5,7950					
Certificate	DE000CE6BW57	ALLIA 153.TL OPENZ	EUR	2,8200	2,9800	2,8200			2,9800					
Certificate	NL0010381430	ALLIA 77.7TL OPENB	EUR	11,1350	11,1350	11,1350			11,1350					
Certificate	NL0010657888	ALLIA 88.9TL OPENB	EUR	10,0950	10,0950	10,0950			10,0950					
Certificate	NL0011054150	ALLIA 92.1TL OPENH	EUR	9,5100	9,6700	9,5100			9,6700					
Certificate	NL0010894275	ALLIA 96.6TL OPENB	EUR	9,1450	9,3750	9,1450			9,3750					
Certificate	NL0011895669	ALLIA102.4TL OPENH	EUR	8,5500	8,7100	8,5500			8,7100					
Certificate	NL0010907051	ALLIA102.6TL OPENB	EUR	8,5850	8,8250	8,5850			8,8250					
Certificate	NL0011934575	ALLIA112.8TL OPENH	EUR	7,5800	7,7400	7,5800			7,7400					
Certificate	DE000CD624U9	ALLIA118.3TL OPENZ	EUR	6,2700	6,4400	6,2700			6,4400					
Certificate	NL0011979687	ALLIA119.9TL OPENH	EUR	6,9200	7,0700	6,9200			7,0700					
Certificate	NL0012030274	ALLIA127.7TL OPENB	EUR	6,4750	6,4750	6,4750			6,4750					
Certificate	NL0011993514	ALLIA135.2TL OPENH	EUR	5,4800	5,6400	5,4800			5,6400					
Certificate	DE000CD63LE2	ALLIA135.2TL OPENZ	EUR	4,5900	4,7600	4,5900			4,7600					
Certificate	NL0012057418	ALLIA140.3TL OPENH	EUR	5,0100	5,1700	5,0100			5,1700					
Certificate	NL0012103477	ALLIA142.4TL OPENB	EUR	5,1150	5,1150	5,1150			5,1150					
Certificate	NL0012175087	ALLIA150.4TL OPENH	EUR	4,0600	4,2100	4,0600			4,2100					
Certificate	NL0012214043	ALLIA159.6TL OPENH	EUR	3,2000	3,3600	3,2000			3,3600					
Certificate	NL0012275937	ALLIA166.3TL OPENB	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	NL0012599963	ALLIA168.9TL OPENH	EUR	2,3300	2,4900	2,3300			2,4900					
Certificate	DE000CV8A4H5	ALLIA172.9TL OPENZ	EUR	0,8500	1,0100	0,8500			1,0100					
Certificate	NL0012981740	ALLIA174.7TL OPENB	EUR	2,1050	2,1050	2,1050			2,1050					
Certificate	NL0012897755	ALLIA175.2TL OPENH	EUR	1,7400	1,9000	1,7400			1,9000					
Certificate	NL0012898892	ALLIA180.2TL OPENH	EUR											
Certificate	NL0013009897	ALLIA196.7TS OPENB	EUR	2,9050	2,9050	2,9050			2,9050					
Certificate	NL0012498323	ALLIA216.1TS OPENB	EUR	5,0050	5,0050	5,0050			5,0050					
Certificate	NL0013002918	ALLIA237.8TS OPENB	EUR	7,3450	7,3450	7,3450			7,3450					
Certificate	NL0009173202	ALPHA 241TL OPENB	EUR	155,4900	155,4900	155,4900			155,4900					
Certificate	NL0010655296	ALPHA 513TL OPENB	EUR	54,6100	54,6100	54,6100			54,6100					
Certificate	DE000CX59H44	ALPHA 725TL OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CX59BC3	ALPHA 725TL OPENC	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CY50R81	ALPHA 800TL OPENC	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000CY50R99	ALPHA 850TL OPENC	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CY50RA0	ALPHA 900TL OPENC	EUR	0,9600	1,1400	0,9600	1490,0000	3		1350				
Certificate	DE000CP06800	ALPHA 900TL OPENC	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000CY50Z08	ALPHA 900TL OPENC	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CQ5AG38	ALPHA 950TL OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CY51I03	ALPHA 950TL OPENC	EUR	0,5700	0,7900	0,5500	116,1900	2	0,7400	183				
Certificate	DE000CY51MV5	ALPHA 950TL OPENC	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CP07B35	ALPHA 1050TL OPENC	EUR											
Certificate	DE000CP06UK3	ALPHA 1050TL OPENC	EUR											
Certificate	DE000CP06XV4	ALPHA 1075TL OPENC	EUR											
Certificate	DE000CP07B43	ALPHA 1075TL OPENC	EUR											
Certificate	DE000CQ58J26	ALPHA 1100TL OPENC	EUR											
Certificate	DE000CP06UL1	ALPHA 1125TS OPENC	EUR											
Certificate	DE000CP07B50	ALPHA 1150TS OPENC	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CP06UM9	ALPHA 1150TS OPENC	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CY51XY6	ALPHA 1200TS OPENC	EUR											
Certificate	DE000CY51ZFO	ALPHA 1200TS OPENC	EUR											
Certificate	DE000CP06LB1	ALPHA 1225TS OPENC	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CP067D3	ALPHA 1225TS OPENC	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CP064H1	ALPHA 1250TS OPENC	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000CP06545	ALPHA 1250TS OPENC	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000CP06552	ALPHA 1275TS OPENC	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000CP064J7	ALPHA 1275TS OPENC	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CY52N26	ALPHA 1300TS OPENC	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CP06156	ALPHA 1300TS OPENC	EUR	1,8700	1,8700	1,8700			1,8700					



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	DE000CP062Y0	ALPHA 1300TS OPENC	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000CV52RR0	ALPHA 1300TS OPENC	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CQ58VV6	ALPHA 1350TS OPENC	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CV52RS8	ALPHA 1350TS OPENC	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	DE000CQ58VW4	ALPHA 1400TS OPENC	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000CQ58U05	ALPHA 1400TS OPENC	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	NL0000458222	ALPHA121.3TL OPENB	EUR	173,8200	173,8200	173,8200			173,8200					
Certificate	NL0000451201	ALPHA158.7TL OPENB	EUR	168,0800	168,0800	168,0800			168,0800					
Certificate	NL0010655791	ALPHA409.9TL OPENB	EUR	62,8700	62,8700	62,8700			62,8700					
Certificate	NL0010285276	ALPHA435.8TL OPENB	EUR	125,6900	125,6900	125,6900			125,6900					
Certificate	NL0010655668	ALPHA455.6TL OPENB	EUR	59,2100	59,2100	59,2100			59,2100					
Certificate	DE000CF80798	ALPHA477.9TL OPENC	EUR	9,4200	9,4200	9,4200			9,4200					
Certificate	NL0010381026	ALPHA479.3TL OPENB	EUR	119,0400	119,0400	119,0400			119,0400					
Certificate	DE000CC16U28	ALPHA493.6TL OPENC	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	NL0010520110	ALPHA531.6TL OPENB	EUR	111,0300	111,0300	111,0300			111,0300					
Certificate	DE000CW42518	ALPHC 600TL OPENC	EUR	17,2600	17,2600	17,2600			17,2600					
Certificate	NL0011912944	ALPHC 776TL OPENB	EUR	33,5600	33,5600	33,5600			33,5600					
Certificate	DE000CQ0KNF9	ALPHC 850TS OPENC	EUR											
Certificate	DE000CV8AGG7	ALPHC 930TL 1218Z	EUR	1,2600	1,4700	1,2600	1440,0000	2	1,4550	1000				
Certificate	DE000CV89WN7	ALPHC 1018TL OPENZ	EUR	4,7050	6,8500	4,7050	4401,1000	6	6,4800	750				
Certificate	DE000CV8AL53	ALPHC 1030TL 1218Z	EUR	0,4300	0,6100	0,4300	30649,4500	2	0,6100	54999				
Certificate	NL0012777973	ALPHC 1041TS OPENB	EUR											
Certificate	NL0013009905	ALPHC 1148TS OPENB	EUR	18,3200	18,3400	16,5100	366,4000	1	16,5100	20				
Certificate	NL0013007693	ALPHC 1182BS OPENB	EUR	9,1300	9,1300	9,1300			9,1300					
Certificate	NL0013005499	ALPHC 1205TS OPENB	EUR	22,1200	22,1200	22,1200			22,1200					
Certificate	NL0012994784	ALPHC 1241BS OPENB	EUR	14,3200	14,3200	14,3200			14,3200					
Certificate	NL0012985980	ALPHC 1266TS OPENB	EUR	28,0400	28,0400	28,0400			28,0400					
Certificate	DE000CV89986	ALPHC 1295TS OPENZ	EUR	2,0100	2,0200	1,8250	40,4000	1	1,8250	20				
Certificate	NL0012973697	ALPHC 1303BS OPENB	EUR	19,7800	19,7800	19,7800			19,7800					
Certificate	NL0013004211	ALPHC 1329TS OPENB	EUR	34,2000	34,2000	34,2000			34,2000					
Certificate	NL0012983969	ALPHC 1368BS OPENB	EUR	25,5100	25,5100	25,5100			25,5100					
Certificate	DE000CV89AX2	ALPHC 1396TS OPENZ	EUR	2,8900	2,8900	2,7150			2,7150					
Certificate	DE000CV8A8N4	ALPHC 1597TS OPENZ	EUR	4,6500	4,6500	4,4750			4,4750					
Certificate	NL0011048103	ALPHC446.8TL OPENH	EUR	58,2700	59,9000	58,2700			59,9000					
Certificate	DE000CB1NEW1	ALPHC540.7TL OPENZ	EUR											
Certificate	NL0011239355	ALPHC574.4TL OPENH	EUR	48,0800	49,6700	48,0800			49,6700					
Certificate	NL0011263363	ALPHC611.3TL OPENB	EUR	46,7500	46,7500	46,7500			46,7500					
Certificate	NL0011239330	ALPHC618.3TL OPENH	EUR	44,5700	46,1500	44,5700			46,1500					
Certificate	NL0011428990	ALPHC641.2TL OPENB	EUR	44,3500	44,3500	44,3500			44,3500					
Certificate	NL0011438239	ALPHC672.4TL OPENB	EUR	41,8500	41,8500	41,8500			41,8500					
Certificate	DE000CR9QSE7	ALPHC681.5TL OPENZ	EUR	33,6800	35,7600	33,6800			35,7600					
Certificate	NL0011637087	ALPHC705.8TL OPENB	EUR	39,1800	39,1800	39,1800			39,1800					
Certificate	DE000CV89WR8	ALPHC715.8TL OPENZ	EUR	30,7700	32,8000	30,7700			32,8000					
Certificate	NL0011906193	ALPHC739.9TL OPENB	EUR	36,4500	36,4500	36,4500			36,4500					
Certificate	NL0011910112	ALPHC777.7BL OPENB	EUR	28,1400	28,1400	28,1400			28,1400					
Certificate	DE000CV89WQ0	ALPHC816.8TL OPENZ	EUR	21,9600	23,9400	21,9600			23,9400					
Certificate	DE000CV89WP2	ALPHC917.6TL OPENZ	EUR	13,2300	15,1500	12,8400	2176,5600	2	15,1500	168				
Certificate	NL0011988902	ALSTO 23.2TL OPENH	EUR	1,5300	1,5900	1,5300			1,5900					
Certificate	NL0012027031	ALSTO 23.6TL OPENB	EUR	1,5550	1,5550	1,5550			1,5550					
Certificate	NL0012520712	ALSTO 31.8TL OPENH	EUR	0,7300	0,7900	0,7300			0,7900					
Certificate	NL0012541270	ALSTO 32.8TL OPENH	EUR	0,6400	0,7000	0,6400			0,7000					
Certificate	NL0012595888	ALSTO 34.8TL OPENH	EUR	0,4500	0,5100	0,4500			0,5100					
Certificate	DE000CV88Q25	ALSTO 35.5TL OPENZ	EUR	0,1850	0,2200	0,1850			0,2200					
Certificate	NL0012900187	ALSTO 41.2TS OPENH	EUR	0,7600	0,7600	0,7000			0,7000					
Certificate	NL0012862288	ALSTO 51.1TS OPENH	EUR	1,8300	1,8300	1,7700			1,7700					
Certificate	NL0011892815	ALSTO19.57TL OPENH	EUR	1,8700	1,9300	1,8700			1,9300					
Certificate	NL0011926688	ALSTO20.61TL OPENH	EUR	1,7700	1,8300	1,7700			1,8300					
Certificate	NL0011934567	ALSTO21.63TL OPENH	EUR	1,6800	1,7400	1,6800			1,7400					
Certificate	NL0011970728	ALSTO22.14TL OPENH	EUR	1,6300	1,6900	1,6300			1,6900					
Certificate	NL0011971544	ALSTO22.65TL OPENH	EUR	1,5800	1,6400	1,5800			1,6400					
Certificate	NL0012048987	ALSTO24.23TL OPENH	EUR	1,4300	1,4900	1,4300			1,4900					
Certificate	NL0011993506	ALSTO24.74TL OPENH	EUR	1,3900	1,4500	1,3900			1,4500					
Certificate	DE000CV508X6	ALSTO25.53TL OPENZ	EUR	1,1750	1,2100	1,1750			1,2100					
Certificate	NL0012205710	ALSTO25.74TL OPENH	EUR	1,2900	1,3500	1,2900			1,3500					
Certificate	NL0012205702	ALSTO26.25TL OPENH	EUR	1,2400	1,3100	1,2400			1,3100					
Certificate	NL0012214035	ALSTO27.24TL OPENH	EUR	1,1500	1,2100	1,1500			1,2100					
Certificate	NL0012214027	ALSTO27.75TL OPENH	EUR	1,1100	1,1700	1,1100			1,1700					
Certificate	NL0012242572	ALSTO28.77TL OPENH	EUR	1,0100	1,0700	1,0100			1,0700					
Certificate	NL0012242564	ALSTO29.28TL OPENH	EUR	0,9600	1,0200	0,9600			1,0200					
Certificate	DE000CV508Y4	ALSTO30.53TL OPENZ	EUR	0,6750	0,7100	0,6750			0,7100					
Certificate	NL0012520373	ALSTO30.78TL OPENH	EUR	0,8200	0,8800	0,8200			0,8800					
Certificate	NL0012775613	ALSTO33.75TL OPENB	EUR	0,6150	0,6150	0,6150			0,6150					



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	NL0012782254	ALSTO35.73TL OPENB	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	NL0012888556	ALSTO35.78TL OPENH	EUR	0,3600	0,4200	0,3600			0,4200					
Certificate	NL0013084122	ALSTO37.24TL OPENH	EUR											
Certificate	NL0013013634	ALSTO37.73TL OPENB	EUR											
Certificate	NL0013009913	ALSTO39.76TS OPENB	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	NL0012904999	ALSTO40.24TS OPENH	EUR	0,6600	0,6600	0,6000			0,6000					
Certificate	NL0012521330	ALSTO42.18TS OPENH	EUR	0,8700	0,8700	0,8000			0,8000					
Certificate	NL0012783856	ALSTO42.68TS OPENB	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	NL0012864516	ALSTO44.18TS OPENH	EUR	1,0800	1,0800	1,0200			1,0200					
Certificate	NL0012849251	ALSTO45.11TS OPENH	EUR	1,1800	1,1800	1,1200			1,1200					
Certificate	NL0012997829	ALSTO45.75TS OPENB	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	NL0012555437	ALSTO46.54TS OPENH	EUR	1,3400	1,3400	1,2800			1,2800					
Certificate	DE000CP07AP2	ALTIA 2TL OPENC	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000CP06XM3	ALTIA 2TL OPENC	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	NL0012900237	ALTIA 2TL OPENH	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	DE000CV89333	ALTIA 2TL OPENZ	EUR	0,2600	0,2600	0,2200			0,2200					
Certificate	DE000CP07AS6	ALTIA 3TS OPENC	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CP06XQ4	ALTIA 3TS OPENC	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	NL0012899918	ALTIA 3TS OPENH	EUR	1,3800	1,3800	1,3700			1,3700					
Certificate	DE000CY51XH1	ALTIA 16TS OPENC	EUR											
Certificate	DE000CY51KG0	ALTIA 18TS OPENC	EUR											
Certificate	NL0012494504	ALTIA 23BOC1218B	EUR	7,8900	8,1100	7,8900			8,1100					
Certificate	NL0012911606	ALTIA 1.3TL OPENH	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CP07AN7	ALTIA 1.5TL OPENC	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CP06XL5	ALTIA 1.5TL OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	NL0012911598	ALTIA 1.7TL OPENH	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	NL0012902811	ALTIA 2.2TL OPENH	EUR											
Certificate	DE000CP07AR8	ALTIA 2.5TS OPENC	EUR											
Certificate	DE000CP06XP6	ALTIA 2.5TS OPENC	EUR											
Certificate	DE000CV8B7M7	ALTIA 2.7TS OPENZ	EUR	0,8800	0,9300	0,8800			0,9300					
Certificate	NL0012891139	ALTIA 2.8TS OPENH	EUR	1,1500	1,1500	1,1400			1,1400					
Certificate	NL0012920003	ALTIA 3.5TS OPENH	EUR	1,8800	1,8800	1,8700			1,8700					
Certificate	NL0012796320	ALTIA 3.6BOC0919Z	EUR	2,0600	2,0600	2,0300			2,0300					
Certificate	DE000CV89FY9	ALTIA 3.6TS OPENZ	EUR	1,8800	1,9200	1,8800			1,9200					
Certificate	NL0012911507	ALTIA 3.8TS OPENH	EUR	2,1900	2,1900	2,1800			2,1800					
Certificate	NL0012911499	ALTIA 3.9TS OPENH	EUR	2,3000	2,3000	2,2900			2,2900					
Certificate	NL0012911481	ALTIA 4.3TS OPENH	EUR	2,7400	2,7400	2,7300			2,7300					
Certificate	NL0012911473	ALTIA 4.7TS OPENH	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	NL0012692149	ALTIA 4.8TL OPENB	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	NL0012916951	ALTIA 5.1TS OPENH	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	NL0012510200	ALTIA 5.6BL OPENB	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0012511117	ALTIA 5.8TL OPENB	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0012511125	ALTIA 6.3TL OPENB	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0012780712	ALTIA 6.8TL OPENB	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	NL0012782262	ALTIA 7.3TL OPENB	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CV8BCQ3	ALTIA 1.55TL OPENZ	EUR	0,6800	0,6800	0,6300			0,6300					
Certificate	DE000CV8ANY6	ALTIA 1.77TL OPENZ	EUR	0,4700	0,4700	0,4300			0,4300					
Certificate	NL0012986988	ALTIA 1.86TL OPENB	EUR	0,3200	0,4000	0,3150	618,0000	3	0,3150	1700				
Certificate	NL0012509582	ALTIA 10.9TS OPENB	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	DE000CJ3NN23	ALTIA 2.16TL OPENZ	EUR											
Certificate	DE000CP07AQ0	ALTIA 2.25TL OPENC	EUR											
Certificate	DE000CP06XN1	ALTIA 2.25TL OPENC	EUR											
Certificate	DE000CJ3PEV6	ALTIA 2.31TL OPENZ	EUR											
Certificate	DE000CJ3PB09	ALTIA 2.31TL OPENZ	EUR											
Certificate	NL0013013485	ALTIA 2.33BL OPENB	EUR											
Certificate	DE000CJ3PJH4	ALTIA 2.45TS OPENZ	EUR	0,6000	0,6500	0,6000			0,6500					
Certificate	NL0012994404	ALTIA 2.56BS OPENB	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	DE000CV8B3K0	ALTIA 2.66TL OPENZ	EUR											
Certificate	DE000CV8B3L8	ALTIA 2.68TS OPENZ	EUR											
Certificate	NL0013004922	ALTIA 2.98TS OPENB	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	DE000CV8A450	ALTIA 3.15TS OPENZ	EUR	1,3800	1,4300	1,3800			1,4300					
Certificate	DE000CV89V42	ALTIA 3.31TL OPENZ	EUR											
Certificate	NL0012996813	ALTIA1.327BL OPENB	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	NL0012986780	ALTIA1.527BL OPENB	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	NL0012996987	ALTIA1.709TL OPENB	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	NL0012995336	ALTIA1.728BL OPENB	EUR	0,5100	0,5100	0,4750	765,0000	2	0,4750	1500				
Certificate	NL0012986491	ALTIA1.929BL OPENB	EUR	0,2800	0,3800	0,2700	17560,0000	12	0,2750	53000				
Certificate	NL0012509335	ALTIA11.41BS OPENB	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	NL0012791750	ALTIA2.013TL OPENB	EUR	0,2000	0,2700	0,1750	4484,9000	8	0,1750	19620				
Certificate	NL0013001050	ALTIA2.129BL OPENB	EUR											
Certificate	NL0013002819	ALTIA2.162TL OPENB	EUR											
Certificate	NL0013014145	ALTIA2.477TS OPENB	EUR	0,6350	0,6350	0,6350			0,6350					



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	NL0012994271	ALTIA2.727TS OPENB	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	NL0012993760	ALTIA2.8098S OPENB	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	NL0012512321	ALTIA3.5528L OPENB	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	NL0012511752	ALTIA4.5768L OPENB	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	NL0010660379	ALUMI 1630TL OPENB	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0009993039	ALUMI 2640TS OPENB	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	NL0011047923	AMAZO 252TL OPENH	EUR	128,5600	133,9000	128,5600			133,9000					
Certificate	DE000C8AYC2	AMAZO 380TL OPENC	EUR	22,9100	22,9100	22,9100			22,9100					
Certificate	NL0011047881	AMAZO 385TL OPENH	EUR	117,8600	123,2700	117,8600			123,2700					
Certificate	DE000CX00PX3	AMAZO 475TL OPENC	EUR	10,6300	10,6300	10,6300			10,6300					
Certificate	DE000CX00PZ8	AMAZO 520TL OPENC	EUR											
Certificate	NL0011720560	AMAZO 562TL OPENH	EUR	103,6600	109,0300	103,6600			109,0300					
Certificate	NL0011728126	AMAZO 637TL OPENH	EUR	97,6800	103,0300	97,6800			103,0300					
Certificate	DE000CX01LD2	AMAZO 650TL OPENC	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	DE000CX01MT6	AMAZO 680TL OPENC	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	NL0011731658	AMAZO 680TL OPENH	EUR	94,3900	99,6200	94,3900			99,6200					
Certificate	DE000CX59134	AMAZO 700TL OPENC	EUR	8,5000	8,5000	8,5000			8,5000					
Certificate	DE000CX59XY1	AMAZO 750TL OPENC	EUR											
Certificate	NL0011996442	AMAZO 778TL OPENH	EUR	86,5900	91,7900	86,5900			91,7900					
Certificate	DE000CY50V93	AMAZO 800TL OPENC	EUR	7,5200	7,8600	7,5200	37,6000	1	7,8600	5				
Certificate	DE000CY50Y09	AMAZO 800TL OPENC	EUR	8,2200	8,2200	8,1700	4110,0000	1	8,1700	5000				
Certificate	DE000CX01LH3	AMAZO 800TS OPENC	EUR											
Certificate	DE000CY50QX4	AMAZO 850TL OPENC	EUR	7,3700	7,3700	7,3700			7,3700					
Certificate	DE000CY50QY2	AMAZO 900TL OPENC	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	DE000CY50Y17	AMAZO 900TL OPENC	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	DE000CY51VD4	AMAZO 1000TL OPENC	EUR	5,7300	6,0800	5,7300	63,0300	1	6,0800	11				
Certificate	DE000CY51VY0	AMAZO 1000TL OPENC	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	DE000CJ3N5L9	AMAZO 1076TL OPENZ	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000CY52E7	AMAZO 1100TL OPENC	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000CY524W2	AMAZO 1100TL OPENC	EUR	4,5200	5,1600	4,5200	994,4000	1	5,1600	220				
Certificate	DE000CV899R1	AMAZO 1126TL OPENZ	EUR											
Certificate	DE000CY52MT7	AMAZO 1200TL OPENC	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	DE000CY52Q98	AMAZO 1200TL OPENC	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	DE000CV89WV0	AMAZO 1227TL OPENZ	EUR	4,6150	4,6150	4,6150			4,6150					
Certificate	DE000CQ5A1C5	AMAZO 1300TL OPENC	EUR	3,3200	3,4800	3,3200	249,0000	1	3,4800	75				
Certificate	DE000CQ5AKR9	AMAZO 1400TL OPENC	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	DE000CQ5AHV7	AMAZO 1400TL OPENC	EUR	2,1700	2,6700	2,1700	3276,0000	2	2,6700	1400				
Certificate	DE000VA7TG88	AMAZO 1422TL OPENV	EUR	29,2050	29,2050	29,2050			29,2050					
Certificate	DE000CV89WU2	AMAZO 1430TL OPENZ	EUR	2,3700	2,8450	2,3700	1979,5300	6	2,8450	768				
Certificate	DE000VA7TG96	AMAZO 1442TL OPENV	EUR	27,4450	27,4450	27,4450			27,4450					
Certificate	DE000VA7THA2	AMAZO 1462TL OPENV	EUR	25,5300	25,6750	25,5250	1021,2000	1	25,6750	40				
Certificate	DE000VA7THB0	AMAZO 1482TL OPENV	EUR	23,9150	23,9150	23,9150			23,9150					
Certificate	DE000CQ5AX78	AMAZO 1500TL OPENC	EUR	1,2400	1,8400	1,2400	1910,7000	5	1,8400	1245				
Certificate	DE000VA7TDL8	AMAZO 1512TL OPENV	EUR	20,2600	21,1450	19,8600	8131,0000	4	21,1450	400				
Certificate	DE000CV89WT4	AMAZO 1531TL OPENZ	EUR	1,6500	1,9750	1,6500	28321,0000	4	1,9750	16300				
Certificate	DE000VA7TAY7	AMAZO 1542TL OPENV	EUR	16,8900	18,4950	16,8900	337,8000	1	18,4950	20				
Certificate	DE000VAGEEG0	AMAZO 1561TL OPENV	EUR	16,2600	17,1400	16,2600	2445,7000	2	16,7500	145				
Certificate	DE000VAGEEH8	AMAZO 1581TL OPENV	EUR	16,0300	16,0300	16,0300			16,0300					
Certificate	DE000CQ5BEG3	AMAZO 1600TL OPENC	EUR	0,4600	1,1800	0,4600	10975,2000	6	1,0500	11370				
Certificate	DE000CQ5BHS1	AMAZO 1600TL OPENC	EUR	1,3300	1,7200	1,3300	576,0000	2	1,7200	400				
Certificate	DE000VAGEEJ4	AMAZO 1601TL OPENV	EUR	15,4950	15,4950	15,4950			15,4950					
Certificate	DE000VASRK52	AMAZO 1624TL OPENV	EUR	14,8050	14,8050	14,8050			14,8050					
Certificate	DE000CV89WS6	AMAZO 1632TL OPENZ	EUR	0,7150	1,1900	0,7150	42641,9400	15	1,1350	47220				
Certificate	DE000VASRK60	AMAZO 1649TL OPENV	EUR											
Certificate	DE000VA7THC8	AMAZO 1682TL OPENV	EUR											
Certificate	DE000CP06XR2	AMAZO 1700TL OPENC	EUR											
Certificate	DE000VA7THD6	AMAZO 1702TL OPENV	EUR											
Certificate	DE000CJ3N7W2	AMAZO 1710TL OPENZ	EUR											
Certificate	DE000VA7THE4	AMAZO 1722TL OPENV	EUR											
Certificate	DE000VA71TK1	AMAZO 1742TL OPENV	EUR											
Certificate	DE000VA5RLA2	AMAZO 1749TL OPENV	EUR											
Certificate	DE000CQ5A5T0	AMAZO 1750TS OPENC	EUR											
Certificate	DE000VA71XF3	AMAZO 1762TL OPENV	EUR											
Certificate	DE000VA5RLB0	AMAZO 1774TL OPENV	EUR											
Certificate	DE000VA71XG1	AMAZO 1782TL OPENV	EUR											
Certificate	DE000CJ3PDQ8	AMAZO 1789TL OPENZ	EUR											
Certificate	DE000CP060Y4	AMAZO 1800TL OPENC	EUR											
Certificate	DE000VA71XH9	AMAZO 1802TL OPENV	EUR											
Certificate	DE000VA8FSV2	AMAZO 1817TS OPENV	EUR	13,7350	13,7350	13,7350			13,7350					
Certificate	DE000VA71XJ5	AMAZO 1822TL OPENV	EUR											
Certificate	DE000VA8FRV4	AMAZO 1837TS OPENV	EUR	14,1900	14,1900	14,1900			14,1900					
Certificate	NL0013009921	AMAZO 1857TS OPENB	EUR	22,4950	22,4950	22,4950			22,4950					



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	DE000VA7TG13	AMAZO 1857TS OPENV	EUR	14,6450	14,6450	14,6450			14,6450					
Certificate	DE000VA7TG39	AMAZO 1877TS OPENV	EUR	15,1050	15,1050	15,1050			15,1050					
Certificate	DE000CJ3N5Y2	AMAZO 1885TS OPENZ	EUR	1,6800	1,6800	1,2650	1680,0000	1	1,2650	1000				
Certificate	DE000VA7TG62	AMAZO 1897TS OPENV	EUR	15,5650	15,5650	15,5650			15,5650					
Certificate	DE000CP06UB2	AMAZO 1900TS OPENC	EUR	1,9200	1,9200	1,3400	1207,0000	2	1,3400	800				
Certificate	DE000VA7TDK0	AMAZO 1917TS OPENV	EUR	20,9500	20,9500	16,1200	209,5000	1	16,1200	10				
Certificate	NL0013006950	AMAZO 1922BS OPENB	EUR	15,8650	15,8650	15,8650			15,8650					
Certificate	DE000VA7TAX9	AMAZO 1937TS OPENV	EUR	16,8600	16,8600	16,8600			16,8600					
Certificate	NL0013009939	AMAZO 1949TS OPENB	EUR	31,3250	31,3250	31,3250			31,3250					
Certificate	DE000VA7PV83	AMAZO 1957TS OPENV	EUR	18,3650	18,3650	18,3650			18,3650					
Certificate	DE000VA7PV91	AMAZO 1977TS OPENV	EUR	20,1150	20,1150	20,1150			20,1150					
Certificate	DE000VA7PU68	AMAZO 1997TS OPENV	EUR	21,8550	21,8550	21,8550			21,8550					
Certificate	DE000CP06UC0	AMAZO 2000TS OPENC	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000CP07AU2	AMAZO 2000TS OPENC	EUR	3,0400	3,0700	3,0300	760,0000	1	3,0700	250				
Certificate	DE000VA7PU76	AMAZO 2017TS OPENV	EUR	23,6150	23,6150	23,6150			23,6150					
Certificate	NL0013004724	AMAZO 2018BS OPENB	EUR	24,3150	24,3150	24,3150			24,3150					
Certificate	DE000CJ3N039	AMAZO 2035TS OPENZ	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	DE000VA7PN26	AMAZO 2037TS OPENV	EUR	25,3650	25,3650	25,3650			25,3650					
Certificate	NL0012997092	AMAZO 2047TS OPENB	EUR	46,9500	46,9500	40,6350	23475,0000	1	40,6350	500				
Certificate	DE000VASRK11	AMAZO 2061TS OPENV	EUR	27,1150	27,1150	27,1150			27,1150					
Certificate	DE000VASRK29	AMAZO 2086TS OPENV	EUR	29,3150	29,3150	29,3150			29,3150					
Certificate	DE000CQ58PV8	AMAZO 2100TS OPENC	EUR	3,3700	3,3700	2,9900	101,1000	1	2,9900	30				
Certificate	DE000VASRK37	AMAZO 2111TS OPENV	EUR	31,5050	31,5050	31,5050			31,5050					
Certificate	NL0012989222	AMAZO 2119BS OPENB	EUR	33,1850	33,1850	33,1850			33,1850					
Certificate	DE000VASRK45	AMAZO 2136TS OPENV	EUR	33,6950	33,6950	33,6950			33,6950					
Certificate	NL0012993489	AMAZO 2150TS OPENB	EUR	50,3850	50,3850	50,3850			50,3850					
Certificate	DE000VASRL36	AMAZO 2161TS OPENV	EUR	35,9050	35,9050	35,9050			35,9050					
Certificate	DE000VA640K6	AMAZO 2177TS OPENV	EUR	37,6750	37,6750	37,6750			37,6750					
Certificate	DE000CV89E76	AMAZO 2184TS OPENZ	EUR	3,8150	3,8150	3,8150			3,8150					
Certificate	DE000CP06107	AMAZO 2200TS OPENC	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000CQ58VE2	AMAZO 2200TS OPENC	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	DE000VASRQ07	AMAZO 2210TS OPENV	EUR	40,2950	40,2950	40,2950			40,2950					
Certificate	NL0012993901	AMAZO 2225BS OPENB	EUR	47,6400	47,6400	42,5150	238,2000	1	42,5150	5				
Certificate	DE000VA6D963	AMAZO 2229TS OPENV	EUR	42,0750	42,0750	42,0750			42,0750					
Certificate	NL0012995104	AMAZO 2257TS OPENB	EUR	60,5950	60,5950	60,5950			60,5950					
Certificate	DE000VASRRK8	AMAZO 2260TS OPENV	EUR	44,6850	44,6850	44,6850			44,6850					
Certificate	DE000VA640L4	AMAZO 2277TS OPENV	EUR	46,4650	46,4650	46,4650			46,4650					
Certificate	DE000CP06115	AMAZO 2300TS OPENC	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	DE000VA6D302	AMAZO 2310TS OPENV	EUR	49,0750	49,0750	49,0750			49,0750					
Certificate	DE000VA6D310	AMAZO 2335TS OPENV	EUR	51,2650	51,2650	51,2650			51,2650					
Certificate	DE000CV8A3C8	AMAZO 2385TS OPENZ	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	DE000CP062V6	AMAZO 2400TS OPENC	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	NL0010117909	AMAZO236.5TL OPENB	EUR	134,6700	134,6700	134,6700			134,6700					
Certificate	NL0010439006	AMAZO288.9TL OPENB	EUR	130,3700	130,3700	130,3700			130,3700					
Certificate	NL0011090840	AMAZO398.8TL OPENB	EUR	121,3700	121,3700	121,3700			121,3700					
Certificate	NL0011796503	AMAZO587.1TL OPENB	EUR	105,9400	105,9400	105,9400			105,9400					
Certificate	NL0011797113	AMAZO616.4TL OPENB	EUR	103,5400	103,5400	103,5400			103,5400					
Certificate	NL0011801220	AMAZO647.1TL OPENB	EUR	101,0300	101,0300	101,0300			101,0300					
Certificate	NL0011804729	AMAZO678.9TL OPENB	EUR	93,4300	98,4300	93,4200	4671,5000	1	98,4300	50				
Certificate	NL0011807367	AMAZO712.4TL OPENB	EUR	95,6800	95,6800	95,6800			95,6800					
Certificate	NL0011903208	AMAZO741.3TL OPENB	EUR	93,3100	93,3100	93,3100			93,3100					
Certificate	NL0011899141	AMAZO748.3BL OPENB	EUR	89,0800	89,0800	89,0800			89,0800					
Certificate	NL0012033609	AMAZO785.7BL OPENB	EUR	85,6400	85,6400	85,6400			85,6400					
Certificate	DE000CD63X59	AMBEV 3.64TL OPENZ	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	DE000CN6KZ13	AMD 3.02TL OPENZ	EUR	14,5600	14,5600	14,5600			14,5600					
Certificate	DE000CD611G5	AMD 4.64TL OPENZ	EUR	13,2300	13,2300	13,2300			13,2300					
Certificate	DE000CD62BU1	AMD 6.19TL OPENZ	EUR	11,9500	11,9500	11,9500			11,9500					
Certificate	DE000CD63RW1	AMD 8.23TL OPENZ	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	DE000CV8A6C1	AMD 12.25TL OPENZ	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000CV8A6D9	AMD 14.28TL OPENZ	EUR	0,8400	0,9800	0,7600	2940,0000	4	0,9050	3450				
Certificate	DE000VA8FSZ3	AMD 19.21TL OPENV	EUR											
Certificate	DE000CV8B326	AMD 19.31TL OPENZ	EUR											
Certificate	DE000VA77DN4	AMD 20.16TL OPENV	EUR											
Certificate	DE000CV8B4C5	AMD 21.32TL OPENZ	EUR											
Certificate	DE000VA7PN67	AMD 22.14TL OPENV	EUR											
Certificate	DE000VA7PN75	AMD 23.14TL OPENV	EUR											
Certificate	DE000CV8B4D3	AMD 23.33TL OPENZ	EUR											
Certificate	DE000VA7PN83	AMD 24.14TL OPENV	EUR											
Certificate	DE000VA8FT39	AMD 24.21TL OPENV	EUR											
Certificate	DE000VA8FSW0	AMD 24.46TS OPENV	EUR											
Certificate	DE000VA7THF1	AMD 25.17TL OPENV	EUR											
Certificate	DE000CJ3PBG3	AMD 25.31TL 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	DE000VA8FSX8	AMD 25.46TS OPENV	EUR	5,5250	5,5250	5,5250			5,5250					
Certificate	DE000VA71XX3	AMD 26.18TL OPENV	EUR											
Certificate	DE000VA8FSY6	AMD 26.46TS OPENV	EUR	6,4050	6,4050	6,4050			6,4050					
Certificate	DE000VA71XL1	AMD 27.18TL OPENV	EUR											
Certificate	DE000CJ3PDPO	AMD 27.29TL OPENZ	EUR											
Certificate	DE000VA8FRW2	AMD 27.46TS OPENV	EUR	7,2850	7,2850	7,2850			7,2850					
Certificate	DE000VA710K7	AMD 28.46TS OPENV	EUR	8,1550	8,1550	8,1550			8,1550					
Certificate	DE000CJ3PGN8	AMD 28.47TS OPENZ	EUR	1,8400	1,8400	1,6150	1104,0000	1	1,6150	600				
Certificate	DE000CJ3NSX4	AMD 28.48TS OPENZ	EUR											
Certificate	DE000VA7PN34	AMD 29.48TS OPENV	EUR	9,0350	9,0350	9,0350			9,0350					
Certificate	DE000VA7PN42	AMD 30.48TS OPENV	EUR	10,5700	10,5700	9,9150	52,8500	1	9,9150	5				
Certificate	DE000CJ3NY79	AMD 31.47TS OPENZ	EUR	2,4300	2,4300	2,1450	3425,0000	2	2,1450	1500				
Certificate	DE000VA7PN59	AMD 31.48TS OPENV	EUR	10,7950	10,7950	10,7950			10,7950					
Certificate	DE000VA640M2	AMD 32.48TS OPENV	EUR	11,6750	11,6750	11,6750			11,6750					
Certificate	DE000VA64YG4	AMD 33.48TS OPENV	EUR	12,5850	12,5850	12,5850			12,5850					
Certificate	DE000VA64YH2	AMD 34.48TS OPENV	EUR	13,4650	13,4650	13,4650			13,4650					
Certificate	DE000CV8B8X2	AMD 34.96TS OPENZ	EUR	2,6500	2,7550	2,6500	8612,5000	2	2,7550	3250				
Certificate	DE000VA64YJ8	AMD 35.48TS OPENV	EUR	14,3450	14,3450	14,3450			14,3450					
Certificate	DE000VA64YK6	AMD 36.48TS OPENV	EUR	15,2250	15,2250	15,2250			15,2250					
Certificate	DE000VA64YL4	AMD 37.48TS OPENV	EUR	16,1050	16,1050	16,1050			16,1050					
Certificate	DE000VA64YM2	AMD 38.48TS OPENV	EUR	16,9850	16,9850	16,9850			16,9850					
Certificate	DE000VA64YN0	AMD 39.48TS OPENV	EUR	17,8550	17,8550	17,8550			17,8550					
Certificate	DE000CJ3NJ94	AMD 39.97TS OPENZ	EUR	3,6350	3,6350	3,6350			3,6350					
Certificate	DE0006106701	AMEXB PI OPENN	EUR	385,5800	385,5800	385,5800			385,5800					
Certificate	NL0010045639	AMEXB 1352TL OPENB	EUR	288,9800	288,9800	288,9800			288,9800					
Certificate	NL0012795892	AMG LEVOPENZ	EUR	32,0200	34,9200	32,0200			34,9200					
Certificate	NL0012795934	AMG SHROPENZ	EUR	60,7600	60,7600	55,6700			55,6700					
Certificate	NL0012796106	AMG 42BON0919Z	EUR	37,6000	38,4300	37,6000			38,4300					
Certificate	NL0012796114	AMG 42BON1219Z	EUR	37,5100	38,3300	37,5100			38,3300					
Certificate	NL0011807862	AMG 9.8TL OPENB	EUR	29,6900	29,6900	29,6900			29,6900					
Certificate	NL0012268486	AMG 23.8TL OPENB	EUR	17,5200	17,5200	17,5200			17,5200					
Certificate	DE000CE64B2	AMG 27.9TL OPENZ	EUR	2,3050	2,5000	2,2300	2365,0000	2	2,4700	1000				
Certificate	NL0012777171	AMG 33.9TL OPENB	EUR	7,2000	9,0800	7,1900	8284,0000	3	8,7300	1080				
Certificate	DE000CE6ZE9	AMG 33.9TL OPENZ	EUR	1,2150	1,4550	1,0400	81749,2400	42	1,3500	65320				
Certificate	NL0013011687	AMG 35.9TL OPENB	EUR	4,0200	5,5700	3,9700	3802,0000	5	5,5700	750				
Certificate	DE000CJ3PB17	AMG 36.4TL OPENZ	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	NL0013012644	AMG 37.9TL OPENB	EUR											
Certificate	NL0013013642	AMG 39.9TL OPENB	EUR											
Certificate	NL0009938802	AMG 4.65TL OPENB	EUR	34,0900	34,0900	34,0900			34,0900					
Certificate	NL0011435904	AMG 5.64TL OPENB	EUR	33,3100	33,3100	33,3100			33,3100					
Certificate	NL0011906219	AMG 11.36TL OPENB	EUR	28,3500	28,3500	28,3500			28,3500					
Certificate	NL0011914601	AMG 12.39TL OPENB	EUR	27,4500	27,4500	27,4500			27,4500					
Certificate	NL0011914833	AMG 12.53TL OPENB	EUR	27,3300	27,3300	27,3300			27,3300					
Certificate	DE000CD622P0	AMG 13.19TL OPENZ	EUR	5,0350	5,1900	5,0350			5,1900					
Certificate	NL0012105324	AMG 15.61TL OPENB	EUR	24,6400	24,6400	24,6400			24,6400					
Certificate	NL0012114029	AMG 18.68TL OPENB	EUR	21,9700	21,9700	21,9700			21,9700					
Certificate	NL0012115042	AMG 19.73TL OPENB	EUR	21,0600	21,0600	21,0600			21,0600					
Certificate	NL0012115224	AMG 20.75TL OPENB	EUR	20,1700	20,1700	20,1700			20,1700					
Certificate	DE000CE6BWQ6	AMG 21.18TL OPENZ	EUR	3,5550	3,7200	3,5550			3,7200					
Certificate	NL0012121313	AMG 21.74TL OPENB	EUR	19,3100	19,3100	19,3100			19,3100					
Certificate	DE000CE6CQE2	AMG 23.44TL OPENZ	EUR	3,1350	3,3000	3,1350			3,3000					
Certificate	NL0012269898	AMG 24.81TL OPENB	EUR	16,6400	16,6400	16,6400			16,6400					
Certificate	DE000CE6DGX1	AMG 25.69TL OPENZ	EUR	2,7150	2,8800	2,7150			2,8800					
Certificate	NL0012278691	AMG 26.83TL OPENB	EUR	14,8800	14,8800	14,8800			14,8800					
Certificate	NL0012488977	AMG 27.85TL OPENB	EUR	14,0000	14,0000	14,0000			14,0000					
Certificate	NL0012490353	AMG 28.86TL OPENB	EUR	13,1200	13,1200	13,1200			13,1200					
Certificate	NL0012492144	AMG 29.86TL OPENB	EUR	10,6400	12,2500	10,6400	554,9200	2	12,2500	52				
Certificate	DE000CE6EMT5	AMG 30.64TL OPENZ	EUR	1,7950	1,9600	1,6400	3793,2700	6	1,9600	2079				
Certificate	NL0012492151	AMG 30.87TL OPENB	EUR	11,3700	11,3700	11,3700			11,3700					
Certificate	NL0012497689	AMG 31.88TL OPENB	EUR	10,4900	10,4900	10,4900			10,4900					
Certificate	NL0012497697	AMG 32.89TL OPENB	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	DE000CJ3N6W4	AMG 40.36TS OPENZ	EUR											
Certificate	NL0012995112	AMG 41.61TS OPENB	EUR	10,7200	10,7200	10,7200			10,7200					
Certificate	DE000CV8AY66	AMG 45.36TS OPENZ	EUR	2,4150	2,4150	2,2600			2,2600					
Certificate	NL0012990147	AMG 45.71TS OPENB	EUR	15,5500	15,5500	15,5500			15,5500					
Certificate	DE000CV8ALW4	AMG 49.95TS OPENZ	EUR	3,4150	3,4150	3,2500			3,2500					
Certificate	DE000CV8AO70	AMG 54.53TS OPENZ	EUR	4,4150	4,4150	4,2500			4,2500					
Certificate	NL0010133450	AMGEN 71.4TL OPENB	EUR	108,4600	108,4600	108,4600			108,4600					
Certificate	NL0010891743	AMGEN116.6TL OPENB	EUR	72,2600	72,2600	72,2600			72,2600					
Certificate	DE000CJ3N559	AML 12TL OPENZ	EUR	0,4850	0,6050	0,4850			0,6050					
Certificate	DE000CJ3N542	AML 10.5TL OPENZ	EUR	0,8150	0,9250	0,8150			0,9250					
Certificate	NL0013014442	AML 1202TL OPENB	EUR	3,6900	3,6900	3,6900			3,6900					



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	NL0013010861	AML 1277TL OPENB	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CJ3N567	AML 13.5TL OPENZ	EUR	0,1650	0,2750	0,1650			0,2750					
Certificate	NL0013009665	AML 1353TL OPENB	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0013012735	AML 1428TL OPENB	EUR											
Certificate	NL0013013725	AML 1525TS OPENB	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	NL0013005747	AML 1675TS OPENB	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	NL0013005754	AML 1825TS OPENB	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	DE000CJ3PF70	AMUN 36.33TL OPENZ	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CV89N20	AMUN 42.34TL OPENZ	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CE6C279	AMUN 47.34TL OPENZ	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CE6CHE1	AMUN 53.31TL OPENZ	EUR	0,0555	0,0555	0,0555			0,0555					
Certificate	NL0010134805	AMX 446TL OPENB	EUR	28,5200	28,5200	28,5200			28,5200					
Certificate	NL0011036561	AMX 458TL OPENH	EUR	26,2200	27,7500	26,2200			27,7500					
Certificate	NL0011036553	AMX 479TL OPENH	EUR	24,2900	25,7200	24,2900			25,7200					
Certificate	NL0011036546	AMX 501TL OPENH	EUR	22,2600	23,7300	22,2600			23,7300					
Certificate	NL0010151007	AMX 508TL OPENA	EUR											
Certificate	NL0010910345	AMX 511TL OPENB	EUR	22,3600	22,3600	22,3600			22,3600					
Certificate	NL0011036538	AMX 522TL OPENH	EUR	20,2300	21,7000	20,2300			21,7000					
Certificate	NL0011036520	AMX 543TL OPENH	EUR	18,2000	19,6700	18,2000			19,6700					
Certificate	NL0011054614	AMX 841TS OPENH	EUR	19,3300	19,3300	17,7400			17,7400					
Certificate	NL0011647367	AMX 536.1TL OPENB	EUR	19,9300	19,9300	19,9300			19,9300					
Certificate	DE000CR9RW82	AMX 556.4TL OPENZ	EUR	14,3500	15,2800	14,3500	2980,0000	1	15,2800	200				
Certificate	NL0011907092	AMX 561.4TL OPENB	EUR	17,5300	17,5300	17,5300			17,5300					
Certificate	DE000CR9Q0Q3	AMX 577.6TL OPENZ	EUR	12,2300	13,1600	12,2300			13,1600					
Certificate	NL0011912357	AMX 587.6TL OPENB	EUR	15,0300	15,0300	15,0300			15,0300					
Certificate	DE000CD62JRO	AMX 618.4TL OPENZ	EUR	8,1600	9,0900	8,1600			9,0900					
Certificate	NL0012100762	AMX 638.8TL OPENB	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	DE000CD643F0	AMX 658.7TL OPENZ	EUR	4,1600	5,0800	4,1600			5,0800					
Certificate	NL0012110621	AMX 664.4TL OPENB	EUR	7,2600	7,7100	7,2600	1495,0000	2	7,7100	200				
Certificate	DE000CD648B7	AMX 676.3TL OPENZ	EUR	2,4300	3,5200	2,4300	176,0000	1	3,3400	50				
Certificate	NL0012117063	AMX 689.6TL OPENB	EUR	5,3050	5,3050	5,3050			5,3050					
Certificate	DE000CE6BTW0	AMX 716.3TL OPENZ	EUR											
Certificate	NL0012259287	AMX 717.8TL OPENB	EUR											
Certificate	NL0013015290	AMX 746.5TS OPENB	EUR	7,7200	7,7200	7,5300	10675,0000	2	7,6000	1400				
Certificate	DE000CJ3N393	AMX 765.7TS OPENZ	EUR	6,6500	6,6500	5,7300			5,7300					
Certificate	NL0013009442	AMX 771.5TS OPENB	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	NL0013006455	AMX 796.3TS OPENB	EUR	12,8500	12,8500	12,8500			12,8500					
Certificate	NL0013003171	AMX 820.9TS OPENB	EUR	15,4300	15,4300	15,4300			15,4300					
Certificate	DE000CE6CD83	AMX 825.5TS OPENZ	EUR	12,6200	12,6200	11,6900			11,6900					
Certificate	NL0012278071	AMX 845.6TS OPENB	EUR	17,9500	17,9500	17,9500			17,9500					
Certificate	NL0012792345	AMX 871.6TS OPENB	EUR	20,6800	20,6800	20,6800			20,6800					
Certificate	DE000CE6CM82	AMX 876.2TS OPENZ	EUR	17,7000	17,7000	16,7700			16,7700					
Certificate	DE000CE6E0G9	AMX 935.9TS OPENZ	EUR	23,6600	23,6600	22,7400			22,7400					
Certificate	DE000CV4ZBY7	AMX 995.4TS OPENZ	EUR	29,6200	29,6200	28,6900			28,6900					
Certificate	DE000CV509E4	ANGAM 13.7TL OPENZ	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	DE000CV509D6	ANGAM11.69TL OPENZ	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	DE000CV88CD1	ANGAM9.674TL OPENZ	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	DE000CE6C1U0	AOO 68.9TL OPENZ	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CD62RK8	AOO 48.76TL OPENZ	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CD62RL6	AOO 56.26TL OPENZ	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CD62RM4	AOO 63.64TL OPENZ	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CV87JA5	AOO 74.17TL OPENZ	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CE6F322	AOO 89.09TS OPENZ	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CJ3PET0	AOO 99.09TS OPENZ	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0009621887	APPLE 32TL OPENB	EUR	116,8800	116,8800	116,8800			116,8800					
Certificate	DE000CX59159	APPLE 100TL OPENC	EUR	9,7700	9,7700	9,7700			9,7700					
Certificate	DE000CQ5ATG3	APPLE 170TS OPENC	EUR											
Certificate	DE000CQ5ATH1	APPLE 175TS OPENC	EUR											
Certificate	DE000CP06U82	APPLE 225TS OPENC	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	NL0013009954	APPLE 228TS OPENB	EUR	3,0250	3,0250	3,0250			3,0250					
Certificate	DE000CP07AT4	APPLE 230TS OPENC	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000CP06U90	APPLE 230TS OPENC	EUR	1,1000	1,1000	1,0100	2750,0000	1	1,0100	2500				
Certificate	DE000CP062R4	APPLE 235TS OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000CP060U2	APPLE 235TS OPENC	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CQ58TJ5	APPLE 240TS OPENC	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CQ58VC6	APPLE 240TS OPENC	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	DE000CP060V0	APPLE 245TS OPENC	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	DE000CP062S2	APPLE 245TS OPENC	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000CP060W8	APPLE 250TS OPENC	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CP062T0	APPLE 250TS OPENC	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	DE000CP06P14	APPLE 255TS OPENC	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000CP060X6	APPLE 260TS OPENC	EUR	3,6000	3,6000	3,6000			3,6000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP062U8	APPLE 260TS OPENC	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	NL0009960962	APPLE 510TL OPENA	EUR											
Certificate	NL0009961036	APPLE 520TL OPENA	EUR											
Certificate	DE000CN6LH06	APPLE 101.TL OPENZ	EUR	10,1500	10,3800	10,1500			10,3800					
Certificate	DE000VAGT3H2	APPLE 217.TL OPENV	EUR											
Certificate	NL00099621895	APPLE 37.2TL OPENB	EUR	113,9500	113,9500	113,9500			113,9500					
Certificate	NL0011042759	APPLE 40.1TL OPENH	EUR	15,8700	16,0600	15,8700			16,0600					
Certificate	NL0010442257	APPLE 54.5TL OPENB	EUR	104,2300	104,2300	104,2300			104,2300					
Certificate	NL0010444956	APPLE 59.1TL OPENB	EUR	101,7100	101,7100	101,7100			101,7100					
Certificate	NL0010517934	APPLE 64.1TL OPENB	EUR	98,8500	98,8500	98,8500			98,8500					
Certificate	NL0011042726	APPLE 66.6TL OPENH	EUR	13,7500	13,9200	13,7500			13,9200					
Certificate	NL0011052360	APPLE 67.6TL OPENH	EUR	13,6700	13,8500	13,6700			13,8500					
Certificate	NL0010520086	APPLE 68.7TL OPENB	EUR	96,3100	96,3100	96,3100			96,3100					
Certificate	NL0011052352	APPLE 70.9TL OPENH	EUR	13,4100	13,5900	13,4100			13,5900					
Certificate	NL0010656096	APPLE 73.2TL OPENB	EUR	93,7800	93,7800	93,7800			93,7800					
Certificate	NL0010656104	APPLE 77.7TL OPENB	EUR	91,2700	91,2700	91,2700			91,2700					
Certificate	NL0011052337	APPLE 80.2TL OPENH	EUR	12,6600	12,8400	12,6600			12,8400					
Certificate	NL0011594403	APPLE 81.3TL OPENH	EUR	12,5800	12,7500	12,5800			12,7500					
Certificate	NL0010656427	APPLE 82.1TL OPENB	EUR	88,7700	88,7700	88,7700			88,7700					
Certificate	NL0011052329	APPLE 83.5TL OPENH	EUR	12,4000	12,5700	12,4000			12,5700					
Certificate	NL0010658340	APPLE 86.6TL OPENB	EUR	86,2600	86,2600	86,2600			86,2600					
Certificate	NL0011594379	APPLE 87.8TL OPENH	EUR	12,0600	12,2300	12,0600			12,2300					
Certificate	NL0011052311	APPLE 89.5TL OPENH	EUR	11,9200	12,0900	11,9200			12,0900					
Certificate	NL0011266994	APPLE 89.8BL OPENB	EUR	114,4400	114,4400	114,4400			114,4400					
Certificate	NL0011808076	APPLE 90.7TL OPENB	EUR	11,9900	11,9900	11,9900			11,9900					
Certificate	NL0011808399	APPLE 94.2BL OPENB	EUR	110,5700	110,5700	110,5700			110,5700					
Certificate	NL0011928957	APPLE 97.4TL OPENH	EUR	11,2900	11,4600	11,2900			11,4600					
Certificate	NL0011912589	APPLE100.8TL OPENB	EUR	11,1900	11,1900	11,1900			11,1900					
Certificate	NL0012015952	APPLE105.9TL OPENB	EUR	10,7800	10,7800	10,7800			10,7800					
Certificate	DE000CD62FF3	APPLE109.5TL OPENZ	EUR	9,4000	9,6300	9,4000			9,6300					
Certificate	NL0011733118	APPLE146.1TS OPENH	EUR											
Certificate	DE000CM4ASAS	APPLE16.88TL OPENZ	EUR	12,3000	12,4800	12,3000			12,4800					
Certificate	NL0012778518	APPLE171.9BS OPENB	EUR											
Certificate	DE000VA71SH9	APPLE187.4TL OPENV	EUR	2,7995	2,7995	2,7995			2,7995					
Certificate	DE000VA7TDB9	APPLE192.2TL OPENV	EUR	2,3645	2,3645	2,3645			2,3645					
Certificate	DE000VASRLJ3	APPLE193.8TL OPENV	EUR	1,9490	2,2030	1,9490	22836,2700	11	2,1405	11016				
Certificate	DE000VA71WB4	APPLE197.4TL OPENV	EUR	1,9215	1,9215	1,9215			1,9215					
Certificate	DE000VASRLK1	APPLE198.8TL OPENV	EUR	1,6650	1,6925	1,6580	4186,7100	2	1,6925	2524				
Certificate	DE000VAGEGG5	APPLE201.9TL OPENV	EUR	1,4775	1,4775	1,4775			1,4775					
Certificate	DE000VASRLI9	APPLE203.8TL OPENV	EUR	1,2835	1,2835	1,2835			1,2835					
Certificate	DE000VAGTY20	APPLE206.9TL OPENV	EUR	1,1045	1,1045	1,1045			1,1045					
Certificate	DE000VASRLM7	APPLE208.8TL OPENV	EUR	0,9305	0,9670	0,9145	330,8500	2	0,9145	350				
Certificate	DE000VA71S15	APPLE212.4TL OPENV	EUR	0,8220	0,8220	0,8220			0,8220					
Certificate	DE000VA71SM9	APPLE214.9TL OPENV	EUR											
Certificate	DE000VA8FTN7	APPLE215.1TL OPENV	EUR											
Certificate	DE000VA71Z40	APPLE217.5TL OPENV	EUR											
Certificate	DE000CM027P4	APPLE22.46TL OPENZ	EUR	11,9700	12,1500	11,9700			12,1500					
Certificate	DE000VA8FSR0	APPLE222.3TS OPENV	EUR											
Certificate	DE000VA71SB2	APPLE224.8TS OPENV	EUR	0,8030	0,8030	0,8030			0,8030					
Certificate	NL0013008915	APPLE225.3BS OPENB	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	DE000VA71SD8	APPLE227.3TS OPENV	EUR	0,8935	0,8935	0,8935			0,8935					
Certificate	NL0013008923	APPLE229.3BS OPENB	EUR	10,7000	10,7000	10,7000			10,7000					
Certificate	DE000VA71SG1	APPLE229.8TS OPENV	EUR	1,0725	1,0725	1,0725			1,0725					
Certificate	DE000VA7TC90	APPLE232.3TS OPENV	EUR	1,2525	1,2525	1,2525			1,2525					
Certificate	NL0013006208	APPLE233.3BS OPENB	EUR	14,2100	14,2100	14,2100			14,2100					
Certificate	DE000VASRLH7	APPLE234.8TS OPENV	EUR	1,4375	1,4375	1,4375			1,4375					
Certificate	NL0012994115	APPLE237.3BS OPENB	EUR	17,7200	17,7200	17,7200			17,7200					
Certificate	DE000VAGEGB6	APPLE237.3TS OPENV	EUR	1,7240	1,7320	1,6575	146,5400	1	1,6575	85				
Certificate	NL0012987176	APPLE239.5TS OPENB	EUR	4,3100	4,3100	4,1550	12930,0000	2	4,1550	3000				
Certificate	DE000VASRPE5	APPLE239.8TS OPENV	EUR	1,8775	1,8775	1,8775			1,8775					
Certificate	DE000CV88QQ4	APPLE240.4TS OPENZ	EUR	2,1150	2,1150	1,9250			1,9250					
Certificate	NL0013004005	APPLE241.3BS OPENB	EUR	21,2300	21,2300	21,2300			21,2300					
Certificate	DE000VASRRR3	APPLE244.8TS OPENV	EUR	2,3175	2,3175	2,3175			2,3175					
Certificate	NL0013004732	APPLE245.3BS OPENB	EUR	24,7500	24,7500	24,7500			24,7500					
Certificate	DE000VAGTY12	APPLE247.3TS OPENV	EUR	2,5375	2,5375	2,5375			2,5375					
Certificate	DE000VAGD3B3	APPLE249.8TS OPENV	EUR	2,7575	2,7575	2,7575			2,7575					
Certificate	NL0012990873	APPLE251.3TS OPENB	EUR	5,3050	5,3050	5,3050			5,3050					
Certificate	DE000VA64ZG1	APPLE252.3TS OPENV	EUR	2,9775	2,9775	2,9775			2,9775					
Certificate	DE000VA7PSD1	APPLE257.3TS OPENV	EUR	3,4165	3,4165	3,4165			3,4165					
Certificate	DE000VA7PSE9	APPLE259.8TS OPENV	EUR	3,7590	3,7590	3,6365	112,7700	1	3,6365	30				
Certificate	DE000CV8ANA6	APPLE260.4TS OPENZ	EUR	3,8450	3,8450	3,6550			3,6550					
Certificate	NL0012994032	APPLE263.8TS OPENB	EUR	6,5350	6,5350	6,5350			6,5350					



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	DE000CV880U5	APPLE280.5TS OPENZ	EUR	5,5900	5,5900	5,4200			5,4200					
Certificate	DE000CG28U95	APPLE57.44TL OPENC	EUR	95,6600	95,6600	95,6600			95,6600					
Certificate	DE000CK18V43	APPLE58.59TL OPENZ	EUR	98,4400	100,2000	98,4400			100,2000					
Certificate	DE000CF3ASA6	APPLE67.34TL OPENC	EUR	17,6000	17,6000	17,6000			17,6000					
Certificate	NL0011534938	APPLE72.88BL OPENB	EUR	129,3200	129,3200	129,3200			129,3200					
Certificate	DE000CF5OR01	APPLE73.84TL OPENC	EUR	16,5900	16,5900	16,5900			16,5900					
Certificate	DE000CZ7DTQ1	APPLE80.62TL OPENZ	EUR	83,5300	85,2300	83,5300			85,2300					
Certificate	DE000CR9RUC5	APPLE92.15TL OPENZ	EUR	10,9200	11,1600	10,9200			11,1600					
Certificate	DE000CB9Y9E4	APPLE93.51TL OPENZ	EUR	77,8700	79,5600	77,8700			79,5600					
Certificate	DE000CB9Y1K8	APPLE97.35TL OPENZ	EUR	73,2700	74,9400	73,2700			74,9400					
Certificate	DE000CP06W64	APRAM 25TL OPENC	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CQ58KD7	APRAM 28TL OPENC	EUR	0,4500	0,4600	0,4500	900,0000		0,4600	2000				
Certificate	DE000CQ58PM7	APRAM 30TL OPENC	EUR	0,2900	0,2900	0,2600	290,0000		0,2600	1000				
Certificate	DE000CQ5AZY3	APRAM 32TL OPENC	EUR											
Certificate	DE000CQ58HF8	APRAM 32TL OPENC	EUR											
Certificate	DE000CP064B4	APRAM 34TL OPENC	EUR											
Certificate	DE000CQ58287	APRAM 34TL OPENC	EUR											
Certificate	DE000CQ5AWJ1	APRAM 35TL OPENC	EUR											
Certificate	DE000CQ58HG6	APRAM 35TL OPENC	EUR											
Certificate	DE000CQ5AZZ0	APRAM 35TL OPENC	EUR											
Certificate	DE000CQ5AS67	APRAM 36TL OPENC	EUR											
Certificate	DE000CQ5AU63	APRAM 38TL OPENC	EUR											
Certificate	DE000CQ5AS75	APRAM 38TL OPENC	EUR											
Certificate	DE000CP06ZA3	APRAM 40TS OPENC	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CP06TQ2	APRAM 40TS OPENC	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	DE000CP06O81	APRAM 40TS OPENC	EUR											
Certificate	NL0012796130	APRAM 42BON1219Z	EUR	31,8600	31,8600	31,4800			31,4800					
Certificate	DE000CQ58PN5	APRAM 42TS OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	NL0012795322	APRAM 43BOC0619Z	EUR	34,3250	34,3250	33,9350			33,9350					
Certificate	NL0012796486	APRAM 44BOC0919Z	EUR	31,4300	31,4300	31,0300			31,0300					
Certificate	NL0012796627	APRAM 44BOC0919Z	EUR	31,4300	31,4300	31,0300			31,0300					
Certificate	DE000CQ5AU89	APRAM 45TS OPENC	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CQ5AS91	APRAM 45TS OPENC	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CQ5AWK9	APRAM 46TS OPENC	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CQ5AS48	APRAM 46TS OPENC	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CQ5AU97	APRAM 48TS OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CQ58F53	APRAM 48TS OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CQ5AS86	APRAM 48TS OPENC	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CQ58DT8	APRAM 48TS OPENC	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	NL0012676282	APRAM 51BOC1218B	EUR	31,4100	31,6900	31,4100			31,6900					
Certificate	NL0009998319	APRAM 2.3TL OPENB	EUR	29,9850	29,9850	29,9850			29,9850					
Certificate	NL0009873090	APRAM 4.4TL OPENB	EUR	28,1150	28,1150	28,1150			28,1150					
Certificate	NL0010656088	APRAM 15.2TL OPENB	EUR	18,2750	18,2750	18,2750			18,2750					
Certificate	NL0010901567	APRAM 18.6TL OPENB	EUR	15,2450	15,2450	15,2450			15,2450					
Certificate	NL0011437405	APRAM 21.7TL OPENB	EUR	12,3450	12,3450	12,3450			12,3450					
Certificate	NL0011906235	APRAM 29.1TL OPENB	EUR	5,8500	5,8500	5,6850	2047,5000	1	5,6850	350				
Certificate	LU1719708064	APRAM 43.5BOC1219Z	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0011912571	APRAM 31.2TL OPENB	EUR											
Certificate	NL0011912951	APRAM 33.3TL OPENB	EUR											
Certificate	LU1841030288	APRAM 33.5TCIOPENS	EUR											
Certificate	NL0012978290	APRAM 35.3TL OPENB	EUR											
Certificate	NL0013015514	APRAM 35.8TS OPENB	EUR	7,7150	7,7150	7,7150			7,7150					
Certificate	NL0013010978	APRAM 38.8TS OPENB	EUR	11,0350	11,0350	11,0350			11,0350					
Certificate	NL0012793426	APRAM 41.7TS OPENB	EUR	14,3150	14,3150	14,3150			14,3150					
Certificate	NL0012796635	APRAM 43.5BOC1219Z	EUR	32,2400	32,2400	31,7500			31,7500					
Certificate	NL0012796494	APRAM 43.5BOC1219Z	EUR	32,2400	32,2400	31,7500			31,7500					
Certificate	NL0013000599	APRAM 44.7TS OPENB	EUR	17,6050	17,6050	17,6050			17,6050					
Certificate	NL0012103295	APRAM 50.5TS OPENB	EUR	24,1150	24,1150	24,1150			24,1150					
Certificate	NL0012494686	APRAM 53.5BOC1218B	EUR	31,4100	31,6900	31,4100			31,6900					
Certificate	NL0011233887	APRAM12.99TL OPENH	EUR	19,9900	19,9900	19,9900			19,9900					
Certificate	NL0011233879	APRAM17.21TL OPENH	EUR	16,1400	16,6700	16,1400	11996,0000	3	16,3600	725				
Certificate	DE000CR9SQ30	APRAM20.43TL OPENZ	EUR	11,8850	11,8850	11,6400			11,6400					
Certificate	NL0011516182	APRAM22.26BL OPENB	EUR	10,2750	10,2750	10,2750			10,2750					
Certificate	DE000CN6EWT3	APRAM25.37TL OPENZ	EUR	6,9700	6,9700	6,7400			6,7400					
Certificate	DE000CJ3N6X2	APRAM26.08TL OPENZ	EUR	1,4700	1,4700	1,4150			1,4150					
Certificate	DE000CD61WA1	APRAM29.35TL OPENZ	EUR	3,0750	3,5000	2,8300	52,5000	1	2,8300	15				
Certificate	DE000CD622I6	APRAM30.58TL OPENZ	EUR	3,1150	3,1150	2,8700	924,5000	6	2,8700	300				
Certificate	DE000CD624V7	APRAM31.34TL OPENZ	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	NL0011908355	APRAM31.86BL OPENB	EUR											
Certificate	NL0012974869	APRAM32.97BL OPENB	EUR											
Certificate	NL0012923270	APRAM33.06TL OPENH	EUR											
Certificate	DE000CD62ER1	APRAM33.32TL 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	NL0011912837	APRAM33.988L OPENB	EUR											
Certificate	NL0012923262	APRAM34.077L OPENH	EUR											
Certificate	LU1719605252	APRAM34.917C OPENS	EUR											
Certificate	NL0013011968	APRAM34.988L OPENB	EUR											
Certificate	NL0012923254	APRAM35.077L OPENH	EUR											
Certificate	DE000CV89US0	APRAM35.297L OPENZ	EUR											
Certificate	NL0013013204	APRAM35.988L OPENB	EUR											
Certificate	LU1859830058	APRAM36.147P OPENS	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	NL0013014376	APRAM36.798S OPENB	EUR	5,1950	5,1950	5,1950			5,1950					
Certificate	NL0013083033	APRAM38.077S OPENH	EUR	10,5200	10,5200	10,5200			10,5200					
Certificate	NL0013008907	APRAM38.798S OPENB	EUR	7,4000	7,4350	7,1950	765,9500	2	7,1950	105				
Certificate	NL0013083025	APRAM39.077S OPENH	EUR	11,6200	11,6200	11,6200			11,6200					
Certificate	LU1841028977	APRAM39.487P OPENS	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	NL0013006968	APRAM40.788S OPENB	EUR	9,1850	9,1850	9,1850			9,1850					
Certificate	DE000CJ3N419	APRAM41.287S OPENZ	EUR	1,8500	1,9050	1,8500			1,9050					
Certificate	NL0012936579	APRAM41.847S OPENH	EUR	14,6600	14,6600	14,6600			14,6600					
Certificate	NL0012690408	APRAM42.788S OPENB	EUR	11,1850	11,1850	11,1850			11,1850					
Certificate	NL0012934525	APRAM42.817S OPENH	EUR	15,7400	15,7400	15,7400			15,7400					
Certificate	LU1696586418	APRAM45.367P OPENS	EUR	11,8800	11,8800	11,8800			11,8800					
Certificate	DE000CV503C1	APRAM46.287S OPENZ	EUR	2,8500	2,9050	2,8500			2,9050					
Certificate	NL0012109888	APRAM46.678S OPENB	EUR	15,0750	15,0750	15,0750			15,0750					
Certificate	LU1696508701	APRAM47.277P OPENS	EUR	13,7300	13,7300	13,7300			13,7300					
Certificate	NL0011233770	APRAM48.677S OPENH	EUR	22,2400	22,2400	22,2400			22,2400					
Certificate	NL0013005143	APRAM48.688S OPENB	EUR	17,0850	17,0850	17,0850			17,0850					
Certificate	DE000CE6BHG8	APRAM51.767S OPENZ	EUR	3,9500	3,9950	3,9500			3,9950					
Certificate	NL0012118277	ARCAD 12.97L OPENB	EUR											
Certificate	NL0012772818	ARCAD 18.47S OPENB	EUR	9,2100	9,2100	9,2100			9,2100					
Certificate	NL0012108302	ARCAD 8.787L OPENB	EUR	3,7100	3,7900	3,2700			3,2700	1150				
Certificate	NL0012103790	ARCAD 9.817L OPENB	EUR	2,6300	2,7900	2,3400	5315,4800	6	2,3400	2032				
Certificate	DE000CN6J182	ARCAD10.017L OPENZ	EUR	0,7900	0,8600	0,6900	2783,0000	7	0,7000	3600				
Certificate	NL0012103808	ARCAD10.857L OPENZ	EUR	1,7800	2,0300	1,4000	4141,8500	6	1,4000	2355				
Certificate	NL0013008626	ARCAD10.928L OPENB	EUR	0,7900	0,8400	0,5450	5537,9000	17	0,5450	7120				
Certificate	DE000CD63X00	ARCAD11.047L OPENZ	EUR	0,2800	0,2800	0,2300	25,8000	3	0,2300	110				
Certificate	DE000CD63Z88	ARCAD11.547L OPENZ	EUR											
Certificate	NL0013007578	ARCAD11.678L OPENB	EUR											
Certificate	NL0012115257	ARCAD11.867L OPENB	EUR											
Certificate	DE000CE6BPD8	ARCAD12.037L OPENZ	EUR											
Certificate	NL0013006547	ARCAD12.428L OPENB	EUR											
Certificate	DE000CE6BV25	ARCAD12.537L OPENZ	EUR											
Certificate	DE000CE6BZN6	ARCAD13.037L OPENZ	EUR											
Certificate	NL0013010523	ARCAD13.178L OPENB	EUR											
Certificate	DE000CJ3PHK2	ARCAD13.727L OPENZ	EUR											
Certificate	NL0013007933	ARCAD14.447S OPENB	EUR											
Certificate	NL0013006711	ARCAD14.758S OPENB	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	DE000CJ3NX47	ARCAD15.447S OPENZ	EUR											
Certificate	NL0013006729	ARCAD16.258S OPENB	EUR	5,2250	5,2250	5,2250			5,2250					
Certificate	NL0012972608	ARCAD16.417S OPENB	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	DE000CV89L36	ARCAD16.947S OPENZ	EUR											
Certificate	DE000CV87WC4	ARCAD18.937S OPENZ	EUR	3,7700	3,7700	3,7700	226,2000	1	3,7700	60				
Certificate	NL0012280085	ARCAD20.347S OPENB	EUR	11,3600	11,3600	11,3600			11,3600					
Certificate	DE000CN6J638	ARCAD8.3887L OPENZ	EUR	1,6000	1,6000	1,6000	408,0000	1	1,6000	255				
Certificate	DE000CN6J3Y2	ARCAD9.4817L OPENZ	EUR	1,0000	1,0000	1,0000	500,0000	1	1,0000	500				
Certificate	DE000CE6BQP0	ARCM1 LEVOPENZ	EUR	3,9440	3,9440	3,9440			3,9440					
Certificate	DE000CE6BQE4	ARCM1 SHROPENZ	EUR	6,2750	6,2750	6,2750			6,2750					
Certificate	XS1568006867	ARCM1 STN0220B	EUR	91,4500	94,4500	91,4500			94,4500					
Certificate	XS1777869931	ARCM1 STN0221B	EUR	83,7500	87,0000	83,7500			87,0000					
Certificate	NL0011649975	ARCM1 77L OPENB	EUR	6,7850	6,7850	6,7850			6,7850					
Certificate	NL0011659057	ARCM1 107L OPENB	EUR	5,6450	5,6450	5,6450			5,6450					
Certificate	NL0011906243	ARCM1 137L OPENB	EUR	3,4450	3,4450	3,4450			3,4450					
Certificate	NL0011906250	ARCM1 147L OPENB	EUR	3,1200	3,1550	3,1200	312,0000	1	3,1550	100				
Certificate	DE000CY502T4	ARCM1 157L OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0011930649	ARCM1 157L OPENH	EUR	2,5500	2,8000	2,5500			2,8000					
Certificate	DE000CY16Y36	ARCM1 167L OPENC	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CY16YG4	ARCM1 167L OPENC	EUR	0,6800	0,6900	0,6800	408,0000	1	0,6900	600				
Certificate	DE000CY16YJ8	ARCM1 177L OPENC	EUR	0,6000	0,6000	0,5900	6000,0000	2	0,6000	10000				
Certificate	DE000CY16Y51	ARCM1 177L OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CY50ES0	ARCM1 187L OPENC	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CY50875	ARCM1 187L OPENC	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	DE000CV8B052	ARCM1 197L 1218Z	EUR	1,6000	1,6000	1,5800	96,0000	1	1,5800	60				
Certificate	DE000CY50701	ARCM1 197L OPENC	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CY50891	ARCM1 197L OPENC	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000VA71UN3	ARCM1 207L 0319V	EUR	2,3250	2,3250	2,3250			2,3250					



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	DE000VA3ZU78	ARCM1 20TL 1218V	EUR	2,2680	2,2680	2,2680			2,2680					
Certificate	DE000CY50KF4	ARCM1 20TL OPENC	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	DE000CY50JW1	ARCM1 20TL OPENC	EUR	0,1300	0,2200	0,1300	390,0000	1	0,2200		3000			
Certificate	DE000VA71PU8	ARCM1 21TL 0319V	EUR											
Certificate	DE000VA3ZU94	ARCM1 21TL 1218V	EUR											
Certificate	DE000CV8B060	ARCM1 21TL 1218Z	EUR											
Certificate	DE000CY51FN6	ARCM1 21TL OPENC	EUR											
Certificate	DE000CY50KH0	ARCM1 21TL OPENC	EUR											
Certificate	LU1612157831	ARCM1 22TCIOPENS	EUR											
Certificate	DE000VA7PW74	ARCM1 22TL 0319V	EUR											
Certificate	DE000VA3ZV87	ARCM1 22TL 1218V	EUR											
Certificate	DE000CY51K87	ARCM1 22TL OPENC	EUR											
Certificate	DE000CY51M77	ARCM1 22TL OPENC	EUR											
Certificate	DE000VA7PUL0	ARCM1 23TL 0319V	EUR											
Certificate	DE000VA3ZVD3	ARCM1 23TL 1218V	EUR											
Certificate	DE000CV8AB30	ARCM1 23TL 1218Z	EUR											
Certificate	NL0012510937	ARCM1 23TL OPENB	EUR											
Certificate	DE000CY528V5	ARCM1 23TL OPENC	EUR											
Certificate	DE000CY52BL7	ARCM1 23TL OPENC	EUR											
Certificate	DE000VA71PX2	ARCM1 24TL 0319V	EUR											
Certificate	DE000VA71PT0	ARCM1 24TL 1218V	EUR											
Certificate	NL0013012651	ARCM1 24TL OPENB	EUR											
Certificate	DE000CY528X1	ARCM1 24TL OPENC	EUR											
Certificate	DE000CY52BM5	ARCM1 24TL OPENC	EUR											
Certificate	DE000VA8FVY0	ARCM1 24TS 0319V	EUR	2,2630	2,2630	2,2630			2,2630					
Certificate	DE000VA8FV27	ARCM1 24TS 1218V	EUR	2,2180	2,2180	2,2180			2,2180					
Certificate	DE000VA4RM14	ARCM1 25TL 1218V	EUR											
Certificate	DE000CQ5AHK0	ARCM1 25TL OPENC	EUR											
Certificate	DE000VA8FTB2	ARCM1 25TS 0319V	EUR	3,1340	3,1340	3,1340			3,1340					
Certificate	DE000VA8FTC0	ARCM1 25TS 1218V	EUR	3,0870	3,0870	3,0870			3,0870					
Certificate	DE000CP06U17	ARCM1 25TS OPENC	EUR											
Certificate	DE000CQ5AST8	ARCM1 26TL OPENC	EUR											
Certificate	DE000CQ5APN7	ARCM1 26TL OPENC	EUR											
Certificate	DE000VA71PR4	ARCM1 26TS 0319V	EUR	4,0830	4,0830	4,0830			4,0830					
Certificate	DE000VA71P27	ARCM1 26TS 1218V	EUR	4,0670	4,0670	4,0670			4,0670					
Certificate	DE000CP06ZX5	ARCM1 26TS OPENC	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CP06U25	ARCM1 26TS OPENC	EUR	0,4400	0,4400	0,4000	1275,0000	3	0,4300		3000			
Certificate	DE000CQ5AUW8	ARCM1 27TL OPENC	EUR											
Certificate	DE000VA7PW66	ARCM1 27TS 0319V	EUR	5,0860	5,0860	5,0860			5,0860					
Certificate	DE000VA7PXA7	ARCM1 27TS 1218V	EUR	5,0690	5,0690	5,0690			5,0690					
Certificate	DE000CP06U33	ARCM1 27TS OPENC	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000VA7PXQ3	ARCM1 27TS OPENV	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	NL0012494512	ARCM1 28B0C1218B	EUR	25,7000	26,5300	25,7000	10480,0000	1	26,5300		400			
Certificate	NL0012648323	ARCM1 28B0C1218Z	EUR	26,6350	26,6350	26,6350			26,6350					
Certificate	DE000VA7PUG0	ARCM1 28TS 0319V	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	DE000VA5EM14	ARCM1 28TS 1218V	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	DE000CQ58T81	ARCM1 28TS OPENC	EUR											
Certificate	DE000CP06MH6	ARCM1 28TS OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CP062H5	ARCM1 28TS OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0012936702	ARCM1 28TS OPENH	EUR	9,8100	9,8100	9,0700			9,0700					
Certificate	NL0012648331	ARCM1 29B0C0619Z	EUR	25,8800	25,8800	25,8800			25,8800					
Certificate	DE000VA7PUH8	ARCM1 29TS 0319V	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	DE000VA3ZVQ5	ARCM1 29TS 1218V	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	DE000CP060M9	ARCM1 29TS OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0012976617	ARCM1 30B0C0619B	EUR	23,2900	23,2900	23,2900			23,2900					
Certificate	DE000VA7PUJ4	ARCM1 30TS 0319V	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	DE000VA323T2	ARCM1 30TS 1218V	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	DE000CQ580C6	ARCM1 30TS OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0012795603	ARCM1 31B0C0919Z	EUR	22,5900	22,5900	22,5900			22,5900					
Certificate	DE000VA7PUK2	ARCM1 31TS 0319V	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	DE000VA4YND1	ARCM1 31TS 1218V	EUR	9,0700	9,0700	9,0700			9,0700					
Certificate	DE000CV8AB48	ARCM1 31TS 1218Z	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	DE000CY522A2	ARCM1 31TS OPENC	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000VA4YV36	ARCM1 32TS 1218V	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	DE000CY52HZ4	ARCM1 32TS OPENC	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CY52J06	ARCM1 33TS OPENC	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000CQ5AUV4	ARCM1 34TS OPENC	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CQ5ASV4	ARCM1 34TS OPENC	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CY52MG4	ARCM1 35TS OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CY52J14	ARCM1 35TS OPENC	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000CV8AHX0	ARCM1 36TS 1218Z	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000VA71R24	ARCM1 26 TS OPENV	EUR	4,0180	4,0180	4,0180			4,0180					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011602180	ARCM1 5.9TL OPENH	EUR	6,8400	7,1600	6,8400			7,1600					
Certificate	NL0011656699	ARCM1 9.2TL OPENB	EUR	5,9150	5,9150	5,9150			5,9150					
Certificate	NL0011796461	ARCM1 10.9TL OPENB	EUR	4,0850	4,0850	4,0850			4,0850					
Certificate	NL0010154944	ARCM1 11.6TL OPENA	EUR											
Certificate	NL0011900691	ARCM1 12.1TL OPENB	EUR	3,7150	3,7150	3,7150			3,7150					
Certificate	DE000CN6KTB4	ARCM1 12.3TL OPENZ	EUR	3,2550	3,2550	3,2550			3,2550					
Certificate	NL0012017511	ARCM1 15.2TL OPENB	EUR	2,7950	2,7950	2,7950			2,7950					
Certificate	NL0012017974	ARCM1 16.1TL OPENB	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	NL0012029102	ARCM1 17.3TL OPENB	EUR	1,8950	2,1450	1,8950	10660,0000	2	2,1450	5500				
Certificate	DE000CY16Y69	ARCM1 17.5TL OPENC	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CY509X1	ARCM1 17.5TL OPENC	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CY506Z2	ARCM1 18.5TL OPENC	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CY509Y9	ARCM1 18.5TL OPENC	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	NL0012274138	ARCM1 18.8TL OPENB	EUR	4,2700	5,1500	4,2700	210891,4900	21	5,0350	43921				
Certificate	LU1573538961	ARCM1 19.1TCIOPENS	EUR	2,3100	3,0000	2,3100	3832,8400	2	3,0000	1564				
Certificate	NL0012274997	ARCM1 19.4TL OPENB	EUR	3,7000	4,5650	3,7000	16830,0000	3	4,5650	4000				
Certificate	DE000CY51C79	ARCM1 19.5TL OPENC	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CY50ET8	ARCM1 19.5TL OPENC	EUR	0,2000	0,2700	0,2000	33908,0000	4	0,2700	149600				
Certificate	DE000CY509Z6	ARCM1 19.5TL OPENC	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CY50XD2	ARCM1 19.5TL OPENC	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CX59KJ9	ARCM1 19.6TL OPENC	EUR											
Certificate	NL0012275531	ARCM1 19.9TL OPENB	EUR	3,9600	4,1150	3,9450	8050,0000	2	4,1150	2000				
Certificate	NL0011593363	ARCM1 2.51TL OPENH	EUR	8,1700	8,4900	8,1700			8,4900					
Certificate	NL0012276430	ARCM1 20.4TL OPENB	EUR	3,6450	3,6450	3,6450			3,6450					
Certificate	DE000CY50IX9	ARCM1 20.5TL OPENC	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	DE000CY50KG2	ARCM1 20.5TL OPENC	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0012276521	ARCM1 20.9TL OPENB	EUR	2,3900	2,3900	2,3900	896,2500	1	2,3900	375				
Certificate	NL0012498166	ARCM1 21.4TL OPENB	EUR											
Certificate	DE000CY51K79	ARCM1 21.5TL OPENC	EUR											
Certificate	DE000CY51M69	ARCM1 21.5TL OPENC	EUR											
Certificate	DE000CY50EV4	ARCM1 21.5TS OPENC	EUR											
Certificate	NL0012498968	ARCM1 21.9TL OPENB	EUR											
Certificate	NL0012499628	ARCM1 22.4TL OPENB	EUR											
Certificate	DE000CY51K95	ARCM1 22.5TL OPENC	EUR											
Certificate	DE000CY51M85	ARCM1 22.5TL OPENC	EUR											
Certificate	NL0012511000	ARCM1 23.5BL OPENB	EUR											
Certificate	NL0012511349	ARCM1 23.5TL OPENB	EUR											
Certificate	DE000CY52BW3	ARCM1 23.5TL OPENC	EUR											
Certificate	NL0013015522	ARCM1 24.6TS OPENB	EUR	5,2050	5,2050	5,2050			5,2050					
Certificate	DE000VA4RMK2	ARCM1 24.9TL OPENV	EUR											
Certificate	DE000VA71RU4	ARCM1 25.4TS OPENV	EUR	3,4180	3,4180	3,4180			3,4180					
Certificate	NL0013009962	ARCM1 25.6TS OPENB	EUR	6,4050	6,4050	6,4050			6,4050					
Certificate	DE000VA71RW0	ARCM1 25.6TS OPENV	EUR	3,6180	3,6180	3,6180			3,6180					
Certificate	DE000VA71RZ3	ARCM1 25.8TS OPENV	EUR	3,8180	3,8180	3,8180			3,8180					
Certificate	DE000VA71R57	ARCM1 26.2TS OPENV	EUR	4,2180	4,2180	4,2180			4,2180					
Certificate	DE000VA71R81	ARCM1 26.4TS OPENV	EUR	4,4180	4,4180	4,4180			4,4180					
Certificate	DE000CY51M93	ARCM1 26.5TS OPENC	EUR											
Certificate	DE000CY51KA3	ARCM1 26.5TS OPENC	EUR											
Certificate	NL0013005507	ARCM1 26.6TS OPENB	EUR	7,5050	7,5050	7,5050			7,5050					
Certificate	DE000VA77C25	ARCM1 26.6TS OPENV	EUR	4,6120	4,6120	4,6120			4,6120					
Certificate	DE000VA7PXX0	ARCM1 26.8TS OPENV	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	DE000VA7PXR1	ARCM1 27.2TS OPENV	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	DE000VA7PR55	ARCM1 27.4TS OPENV	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	NL0013004229	ARCM1 27.6TS OPENB	EUR	9,4900	9,4900	8,6050	1898,0000	1	8,6050	200				
Certificate	DE000VA7PR89	ARCM1 27.6TS OPENV	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	NL0012795595	ARCM1 28.5BOC0619Z	EUR	23,2100	23,2100	23,2100			23,2100					
Certificate	NL0012972616	ARCM1 28.6TS OPENB	EUR	9,7150	9,7150	9,7150			9,7150					
Certificate	NL0012792279	ARCM1 29.4BS OPENB	EUR	7,6750	7,6750	7,6750			7,6750					
Certificate	NL0012792378	ARCM1 29.7TS OPENB	EUR	10,8650	10,8650	10,8650			10,8650					
Certificate	NL0012796304	ARCM1 30.5BOC1219Z	EUR	22,8600	22,8600	22,8600			22,8600					
Certificate	NL0013003213	ARCM1 30.7BOC0919B	EUR	22,2500	22,2500	22,2500			22,2500					
Certificate	NL0012697205	ARCM1 30.7TS OPENB	EUR	12,0050	12,0050	12,0050			12,0050					
Certificate	DE000CY52HY7	ARCM1 31.5TS OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CY52MF6	ARCM1 32.5TS OPENC	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	NL0012648984	ARCM1 34.5BOC0619Z	EUR	24,3150	24,3150	24,3150			24,3150					
Certificate	NL0011586532	ARCM1 4.92TL OPENH	EUR	7,2300	7,5400	7,2300			7,5400					
Certificate	NL0011602198	ARCM1 5.66TL OPENH	EUR	6,9400	7,2500	6,9400			7,2500					
Certificate	NL0011586524	ARCM1 6.15TL OPENH	EUR	6,7500	7,0600	6,7500			7,0600					
Certificate	NL0011719851	ARCM1 8.77TL OPENH	EUR	4,4400	4,6900	4,4400			4,6900					
Certificate	NL0011719844	ARCM1 9.39TL OPENH	EUR	4,2500	4,5000	4,2500			4,5000					
Certificate	DE000CX00TW7	ARCM1 9.81TL OPENC	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	DE000CN6KJ62	ARCM1 9.93TL OPENZ	EUR	4,1650	4,1650	4,1650			4,1650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011719836	ARCM110.02TL OPENH	EUR	4,0600	4,3100	4,0600			4,3100					
Certificate	NL0011719828	ARCM110.63TL OPENH	EUR	3,8700	4,1200	3,8700			4,1200					
Certificate	DE000CX010G6	ARCM110.65TL OPENC	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	NL0011719810	ARCM111.26TL OPENH	EUR	3,6800	3,9300	3,6800			3,9300					
Certificate	NL0011796339	ARCM111.49BL OPENB	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	NL0011896584	ARCM113.14TL OPENH	EUR	3,1100	3,3600	3,1100			3,3600					
Certificate	DE000CD61TG4	ARCM113.27TL OPENZ	EUR	2,9350	2,9350	2,9350			2,9350					
Certificate	NL0011926886	ARCM114.38TL OPENH	EUR	2,7300	2,9800	2,7300			2,9800					
Certificate	NL0011907332	ARCM114.68BL OPENB	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000CX599W5	ARCM114.97TL OPENC	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	DE000CD624K0	ARCM114.98TL OPENZ	EUR	2,5450	2,5450	2,5450			2,5450					
Certificate	DE000CX59720	ARCM115.11TL OPENC	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	DE000VN66UN6	ARCM115.12TL OPENV	EUR	7,4100	7,4100	7,4100			7,4100					
Certificate	DE000VN66UP1	ARCM115.62TL OPENV	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	DE000VN66R83	ARCM116.11TL OPENV	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	NL0012018170	ARCM116.26BL OPENB	EUR	1,8200	2,0900	1,8200	182,0000	1	2,0900	100				
Certificate	NL0011979356	ARCM116.43TL OPENH	EUR	2,1100	2,3600	2,1100			2,3600					
Certificate	DE000VN66SA7	ARCM116.61TL OPENV	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000CD633E4	ARCM116.85TL OPENZ	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	DE000VN66SB5	ARCM117.11TL OPENV	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000VN66SH2	ARCM117.11TL OPENV	EUR	4,6460	4,6460	4,6460			4,6460					
Certificate	DE000CX59G94	ARCM117.35TL OPENC	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000CD634U8	ARCM117.45TL OPENZ	EUR	1,2300	1,5800	1,2300	1797,3700	2	1,5550	1319				
Certificate	DE000VN66UQ9	ARCM117.62TL OPENV	EUR	4,9780	4,9780	4,9780			4,9780					
Certificate	DE000VA8FXF5	ARCM117.76TL OPENV	EUR	4,3360	4,3360	4,3360			4,3360					
Certificate	DE000CD63QM4	ARCM117.76TL OPENZ	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	NL0012028831	ARCM117.84BL OPENB	EUR	1,2900	1,5600	1,2900	3778,5000	2	1,5600	2750				
Certificate	DE000VA8FXG3	ARCM117.96TL OPENV	EUR	4,1360	4,1360	4,1360			4,1360					
Certificate	DE000VN66VT1	ARCM118.14TL OPENV	EUR	3,6250	3,6250	3,6250			3,6250					
Certificate	DE000VA8FXH1	ARCM118.16TL OPENV	EUR	3,9360	3,9360	3,9360			3,9360					
Certificate	NL0012330906	ARCM118.27TL OPENH	EUR	4,6600	5,4000	4,6600			5,4000					
Certificate	NL0012273908	ARCM118.35BL OPENB	EUR	4,1950	4,1950	4,1950			4,1950					
Certificate	DE000CD63JU2	ARCM118.64TL OPENZ	EUR	1,1500	1,1900	1,1500	2094,0000	3	1,1650	1800				
Certificate	NL0012330674	ARCM118.78TL OPENH	EUR	4,2000	4,9400	4,2000			4,9400					
Certificate	DE000VA71SA4	ARCM118.86TL OPENV	EUR	3,2370	3,2370	3,2370			3,2370					
Certificate	NL0012273916	ARCM118.87BL OPENB	EUR	2,8300	3,6650	2,8300	1415,0000	1	3,6650	500				
Certificate	DE000VA71SC0	ARCM119.06TL OPENV	EUR	3,0360	3,0360	3,0360			3,0360					
Certificate	DE000CE6DQ61	ARCM119.06TL OPENZ	EUR	1,1000	1,5500	1,1000	2650,0000	2	1,5400	2000				
Certificate	DE000VN66VU9	ARCM119.14TL OPENV	EUR	2,6030	2,6030	2,6030			2,6030					
Certificate	DE000VA71SE6	ARCM119.26TL OPENV	EUR	2,8360	2,8360	2,8360			2,8360					
Certificate	NL0012333348	ARCM119.29TL OPENH	EUR	3,7300	4,6300	3,7300	15472,0000	8	4,4700	3450				
Certificate	NL0012274344	ARCM119.39BL OPENB	EUR	2,8000	3,1450	2,7950	560,0000	1	3,1450	200				
Certificate	DE000CX59PW1	ARCM119.47TL OPENC	EUR											
Certificate	DE000CJ3PJ0	ARCM119.52TL OPENZ	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	NL0012365415	ARCM119.71TL OPENH	EUR	3,3500	4,0900	3,3500			4,0900					
Certificate	DE000VL5RUZ7	ARCM119.73TL OPENV	EUR	3,0570	3,0570	3,0570			3,0570					
Certificate	DE000VA7TC41	ARCM119.85TL OPENV	EUR	2,2340	2,2340	2,2340			2,2340					
Certificate	NL0011526991	ARCM12.376BL OPENB	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	DE000CE6DR52	ARCM120.05TL OPENZ	EUR	0,7200	1,1400	0,7200	4657,0000	9	1,0600	4800				
Certificate	LU1573600357	ARCM120.11TCIOPENS	EUR	1,2700	2,0800	1,2700	2327,0000	7	1,9800	1200				
Certificate	DE000VN66XM2	ARCM120.16TL OPENV	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	NL0012366843	ARCM120.22TL OPENH	EUR	2,8900	3,6300	2,8900			3,6300					
Certificate	DE000VA7PXT7	ARCM120.25TL OPENV	EUR	1,0890	1,8350	1,0890	53,4600	2	1,8350	42				
Certificate	NL0012276489	ARCM120.42BL OPENB	EUR	1,4000	2,2750	1,4000	94708,5000	27	2,1150	46300				
Certificate	NL0012366835	ARCM120.73TL OPENH	EUR	2,4300	3,1700	2,4300			3,1700					
Certificate	DE000VL37FN2	ARCM120.73TL OPENV	EUR											
Certificate	DE000VAGEGJ9	ARCM120.83TL OPENV	EUR											
Certificate	DE000CE6DXQ0	ARCM121.02TL OPENZ	EUR	0,5300	0,5300	0,5300	265,0000	1	0,5300	500				
Certificate	DE000VAGEGM3	ARCM121.03TL OPENV	EUR											
Certificate	DE000CE6DXD8	ARCM121.05TL OPENZ	EUR	0,1800	0,3000	0,1800	1406,9000	5	0,2100	5680				
Certificate	NL0012367775	ARCM121.23TL OPENH	EUR											
Certificate	DE000VL2FWA8	ARCM121.23TL OPENV	EUR											
Certificate	DE000VAGEGR2	ARCM121.23TL OPENV	EUR											
Certificate	DE000VA1B406	ARCM121.37TL OPENV	EUR											
Certificate	NL0012522981	ARCM121.72TL OPENH	EUR											
Certificate	DE000VL37FP7	ARCM121.73TL OPENV	EUR											
Certificate	DE000VA8FTM9	ARCM121.76TL OPENV	EUR											
Certificate	LU1859831619	ARCM121.83TCIOPENS	EUR											
Certificate	DE000VA1GH39	ARCM121.92TL OPENV	EUR											
Certificate	NL0012498604	ARCM121.97BL OPENB	EUR											
Certificate	DE000CE6EY27	ARCM122.03TL OPENZ	EUR											
Certificate	DE000VAGEGU6	ARCM122.23TL 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	DE000VL2FWQ4	ARCM12.24TL OPENV	EUR											
Certificate	NL0012525182	ARCM12.34TL OPENH	EUR											
Certificate	DE000VA5RGN5	ARCM12.43TL OPENV	EUR											
Certificate	NL0012499388	ARCM12.48BL OPENB	EUR											
Certificate	LU1650876151	ARCM12.66TCIOPENS	EUR											
Certificate	LU1784831619	ARCM12.68TL OPENS	EUR											
Certificate	DE000VL5RU08	ARCM12.73TL OPENV	EUR											
Certificate	DE000VA8FTP2	ARCM12.76TL OPENV	EUR											
Certificate	DE000VA1B463	ARCM12.92TL OPENV	EUR											
Certificate	NL0012500797	ARCM12.98BL OPENB	EUR											
Certificate	DE000CE6F2T7	ARCM12.02TL OPENZ	EUR											
Certificate	DE000CE6F330	ARCM12.09TL OPENZ	EUR											
Certificate	DE000VA6EGX0	ARCM12.23TL OPENV	EUR											
Certificate	NL0012541379	ARCM12.25TL OPENH	EUR											
Certificate	DE000VL5RU16	ARCM12.28TL OPENV	EUR											
Certificate	DE000VA1B414	ARCM12.37TL OPENV	EUR											
Certificate	NL0013087406	ARCM12.342TS OPENH	EUR	4,7600	4,7600	4,0200			4,0200					
Certificate	LU1817305284	ARCM12.57TCIOPENS	EUR											
Certificate	DE000VA8FXA6	ARCM12.58TS OPENV	EUR	1,6270	1,6270	1,6270			1,6270					
Certificate	LU1859830132	ARCM12.64TPIOPENS	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	NL0012542062	ARCM12.75TL OPENH	EUR											
Certificate	DE000VA8FXB4	ARCM12.78TS OPENV	EUR	1,8210	1,8210	1,8210			1,8210					
Certificate	DE000VA6EG03	ARCM12.83TL OPENV	EUR											
Certificate	NL0013014897	ARCM12.95BS OPENB	EUR	2,6600	2,6600	2,2350	5162,6600	2	2,2350	2001				
Certificate	DE000VA8FXC2	ARCM12.98TS OPENV	EUR	2,0210	2,0210	2,0210			2,0210					
Certificate	NL0012511489	ARCM12.01BL OPENB	EUR											
Certificate	DE000CJ3N8D0	ARCM12.01TL OPENZ	EUR											
Certificate	DE000VA71Z08	ARCM12.06TL OPENV	EUR											
Certificate	DE000VA8FXD0	ARCM12.418TS OPENV	EUR	2,2210	2,2210	2,2210			2,2210					
Certificate	DE000VA71Z16	ARCM12.426TL OPENV	EUR											
Certificate	DE000VA1B430	ARCM12.437TL OPENV	EUR											
Certificate	DE000VA8FXE8	ARCM12.438TS OPENV	EUR	2,4210	2,4210	2,4210			2,4210					
Certificate	DE000VA1B5A7	ARCM12.442TL OPENV	EUR											
Certificate	NL0013014905	ARCM12.45BS OPENB	EUR	2,7350	2,7350	2,7350			2,7350					
Certificate	DE000VA8FTH9	ARCM12.458TS OPENV	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	LU1841153874	ARCM12.67TPIOPENS	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000VA8FTJ5	ARCM12.78TS OPENV	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000CJ3PHL0	ARCM12.79TS OPENZ	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000VA1B455	ARCM12.87TL OPENV	EUR											
Certificate	DE000VA3TK37	ARCM12.87TL OPENV	EUR											
Certificate	DE000CJ3PIK8	ARCM12.88TS OPENZ	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000VA3TK45	ARCM12.94TL OPENV	EUR											
Certificate	NL0013014384	ARCM12.95BS OPENB	EUR	3,4800	3,4800	3,0850	1165,4000	3	3,2350	340				
Certificate	DE000VA4RML0	ARCM12.95TL OPENV	EUR											
Certificate	DE000VA8FTK3	ARCM12.98TS OPENV	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	DE000VA8FTL1	ARCM12.518TS OPENV	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	LU1840979071	ARCM12.528TPIOPENS	EUR	4,3000	4,3000	3,5700	356,9000	1	3,5700	83				
Certificate	DE000VA1GLK3	ARCM12.542TL OPENV	EUR											
Certificate	NL0013081748	ARCM12.542TS OPENH	EUR	6,9500	6,9500	6,2200			6,2200					
Certificate	NL0013008931	ARCM12.545BS OPENB	EUR	4,4700	4,4700	3,7250	1475,1000	1	3,7250	330				
Certificate	LU1784828318	ARCM12.52TL OPENS	EUR											
Certificate	DE000VA3TJE9	ARCM12.586TS OPENV	EUR											
Certificate	DE000VA3TJC3	ARCM12.588TS OPENV	EUR											
Certificate	NL0013008949	ARCM12.595BS OPENB	EUR	4,2250	4,2250	4,2250			4,2250					
Certificate	DE000VA1SQL5	ARCM12.637TL OPENV	EUR											
Certificate	LU1840911355	ARCM12.639TPIOPENS	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	NL0013006216	ARCM12.644BS OPENB	EUR	4,7250	4,7250	4,7250			4,7250					
Certificate	DE000CX59XR5	ARCM12.677TS OPENC	EUR											
Certificate	DE000CJ3N427	ARCM12.679TS OPENZ	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000VA3TEH3	ARCM12.686TL OPENV	EUR											
Certificate	DE000CF50UK2	ARCM12.687TS OPENC	EUR											
Certificate	DE000CX59V87	ARCM12.688TS OPENC	EUR											
Certificate	NL0012907935	ARCM12.692TS OPENH	EUR	8,6100	8,6100	7,8700			7,8700					
Certificate	NL0013005150	ARCM12.694BS OPENB	EUR	5,2250	5,2250	5,2250			5,2250					
Certificate	LU1840911439	ARCM12.737TPIOPENS	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	NL0013004013	ARCM12.743BS OPENB	EUR	5,7150	5,7150	5,7150			5,7150					
Certificate	DE000VA64X09	ARCM12.781TS OPENV	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000CJ3N1H6	ARCM12.788TS OPENZ	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	DE000VA3TEM3	ARCM12.789TS OPENV	EUR											
Certificate	NL0012988471	ARCM12.793BS OPENB	EUR	6,2150	6,2150	6,2150			6,2150					
Certificate	DE000VA6T2E1	ARCM12.802TS OPENV	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	DE000VA5EMZ5	ARCM12.827TS OPENV	EUR	7,6200	7,6200	7,6200			7,6200					



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	DE000VA3KN66	ARCMI28.39TS OPENV	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	NL0012917215	ARCMI28.42TS OPENH	EUR	10,2700	10,2700	9,5400			9,5400					
Certificate	DE000VA6T2F8	ARCMI28.42TS OPENV	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	LU1790568957	ARCMI28.66TPIOPENS	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	DE000CV89K03	ARCMI28.78TS OPENZ	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000VA3ECM9	ARCMI28.86TS OPENV	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	DE000VA3ECL1	ARCMI28.89TS OPENV	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	NL0012970453	ARCMI28.918S OPENB	EUR	7,1950	7,1950	7,1950			7,1950					
Certificate	NL0012917207	ARCMI28.92TS OPENH	EUR	10,8400	10,8400	10,0900			10,0900					
Certificate	DE000VAGEFW4	ARCMI28.94TS OPENV	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	DE000VA2T8B8	ARCMI29.36TS OPENV	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	DE000VA2T786	ARCMI29.41TS OPENV	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	DE000VA6T2G6	ARCMI29.42TS OPENV	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	NL0012912018	ARCMI29.45TS OPENH	EUR	11,4100	11,4100	10,6700			10,6700					
Certificate	LU1790010802	ARCMI29.55TPIOPENS	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	NL0012862486	ARCMI29.84TS OPENH	EUR	11,8400	11,8400	11,1000			11,1000					
Certificate	DE000VA15RY3	ARCMI29.88TS OPENV	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	NL0012792287	ARCMI29.898S OPENB	EUR	8,1750	8,1750	8,1750			8,1750					
Certificate	DE000VAGEF04	ARCMI29.94TS OPENV	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000VA15RW7	ARCMI29.94TS OPENV	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	DE000CN6HKA1	ARCMI3.234TL OPENZ	EUR	6,2750	6,2750	6,2750			6,2750					
Certificate	NL0011525878	ARCMI3.6288L OPENB	EUR	8,1200	8,1200	8,1200			8,1200					
Certificate	NL0012862478	ARCMI30.33TS OPENH	EUR	12,3900	12,3900	11,6500			11,6500					
Certificate	NL0012700629	ARCMI30.388S OPENB	EUR	8,6650	8,6650	8,6650			8,6650					
Certificate	DE000VA15RZ0	ARCMI30.38TS OPENV	EUR	9,6700	9,6700	9,6700			9,6700					
Certificate	DE000VAGT2H4	ARCMI30.42TS OPENV	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	DE000VA15RX5	ARCMI30.44TS OPENV	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	DE000CV892T2	ARCMI30.77TS OPENZ	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	NL0012556054	ARCMI30.93TS OPENH	EUR	13,0500	13,0500	12,3100			12,3100					
Certificate	DE000VAGEF46	ARCMI30.94TS OPENV	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	NL0012581565	ARCMI31.02TS OPENH	EUR	13,1600	13,1600	12,4200			12,4200					
Certificate	DE000VA1GLG1	ARCMI31.03TS OPENV	EUR	10,1700	10,1700	10,1700			10,1700					
Certificate	LU1784828664	ARCMI31.19TS OPENS	EUR											
Certificate	DE000CV428W0	ARCMI31.38TS OPENZ	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	DE000VL2FXV6	ARCMI31.43TS OPENV	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	DE000VA15QD2	ARCMI31.53TS OPENV	EUR	10,7100	10,7100	10,7100			10,7100					
Certificate	DE000VAGEF79	ARCMI31.54TS OPENV	EUR	9,5000	9,5000	9,5000			9,5000					
Certificate	DE000VA187H8	ARCMI31.64TS OPENV	EUR	9,1900	9,1900	9,1900			9,1900					
Certificate	DE000VAGEGA8	ARCMI31.74TS OPENV	EUR	9,7000	9,7000	9,7000			9,7000					
Certificate	NL0012559850	ARCMI31.92TS OPENH	EUR	14,1500	14,1500	13,4200			13,4200					
Certificate	DE000VAGEGE0	ARCMI31.94TS OPENV	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	DE000VA15QF7	ARCMI32.03TS OPENV	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	DE000VAGT2J0	ARCMI32.42TS OPENV	EUR	10,3900	10,3900	10,3900			10,3900					
Certificate	DE000VA15RF5	ARCMI32.53TS OPENV	EUR	11,7500	11,7500	11,7500			11,7500					
Certificate	DE000CV428F5	ARCMI32.77TS OPENZ	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	DE000VL5RY53	ARCMI32.83TS OPENV	EUR	10,1200	10,1200	10,1200			10,1200					
Certificate	DE000VAGTYR3	ARCMI32.93TS OPENV	EUR	10,9000	10,9000	10,9000			10,9000					
Certificate	NL0012904619	ARCMI32.96TS OPENH	EUR	15,3100	15,3100	14,5700			14,5700					
Certificate	DE000VA15RG3	ARCMI33.03TS OPENV	EUR	12,2700	12,2700	12,2700			12,2700					
Certificate	DE000VA15P76	ARCMI33.11TS OPENV	EUR	10,6600	10,6600	10,6600			10,6600					
Certificate	DE000VAGTYT9	ARCMI33.13TS OPENV	EUR	11,1000	11,1000	11,1000			11,1000					
Certificate	NL0012547541	ARCMI33.26TS OPENH	EUR	15,6400	15,6400	14,9100			14,9100					
Certificate	DE000VAGTYV5	ARCMI33.33TS OPENV	EUR	11,2900	11,2900	11,2900			11,2900					
Certificate	DE000VA15RH1	ARCMI33.53TS OPENV	EUR	12,7900	12,7900	12,7900			12,7900					
Certificate	DE000VAGT0Z0	ARCMI33.93TS OPENV	EUR	11,9000	11,9000	11,9000			11,9000					
Certificate	LU1784828581	ARCMI34.02TS OPENS	EUR											
Certificate	DE000VAGT001	ARCMI34.13TS OPENV	EUR	12,1000	12,1000	12,1000			12,1000					
Certificate	DE000VL5R830	ARCMI34.29TS OPENV	EUR	11,6100	11,6100	11,6100			11,6100					
Certificate	DE000VAGT019	ARCMI34.33TS OPENV	EUR	12,3000	12,3000	12,3000			12,3000					
Certificate	DE000VA12FW0	ARCMI34.48TS OPENV	EUR	13,8300	13,8300	13,8300			13,8300					
Certificate	NL0012847156	ARCMI34.74TS OPENH	EUR	17,2800	17,2800	16,5400			16,5400					
Certificate	NL0012556047	ARCMI34.86TS OPENH	EUR	17,4100	17,4100	16,6700			16,6700					
Certificate	DE000VA15L94	ARCMI34.98TS OPENV	EUR	14,3600	14,3600	14,3600			14,3600					
Certificate	DE000VA15MA4	ARCMI35.48TS OPENV	EUR	14,8800	14,8800	14,8800			14,8800					
Certificate	DE000CV4ZJ52	ARCMI35.77TS OPENZ	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	DE000VA15MB2	ARCMI35.98TS OPENV	EUR	15,4000	15,4000	15,4000			15,4000					
Certificate	NL0012556039	ARCMI36.82TS OPENH	EUR	19,5900	19,5900	18,8500			18,8500					
Certificate	NL0011523022	ARCMI4.8818L OPENB	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	NL0011435698	ARCMI6.1338L OPENB	EUR	7,0550	7,0550	7,0550			7,0550					
Certificate	DE000CN6K8W2	ARCMI7.757TL OPENZ	EUR	4,7750	4,7750	4,7750			4,7750					
Certificate	NL0011657093	ARCMI9.8818L OPENB	EUR	5,4200	5,4200	5,4200			5,4200					
Certificate	DE000CJ3NTB1	ARGX 48.9TL OPENZ	EUR	1,1450	1,1500	1,0150	8915,0000	3	1,0150	8000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3N3H2	ARGX 30.58TL OPENZ	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	DE000CJ3NVE1	ARGX 35.08TL OPENZ	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	DE000CJ3NSJ6	ARGX 40.48TL OPENZ	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	NL0013008634	ARGX 42.64BL OPENB	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	DE000CJ3NTA3	ARGX 43.02TL OPENZ	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	DE000CV88DJ7	ARGX 45.55TL OPENZ	EUR	1,2000	1,2000	1,1650	2998,8000	1	1,1650	2499				
Certificate	NL0013005069	ARGX 47.64BL OPENB	EUR	1,9000	1,9550	1,9000	532,0000	1	1,9550	280				
Certificate	DE000CV88DK5	ARGX 51.41TL OPENZ	EUR	0,8900	0,9600	0,8900	9439,2000	5	0,8950	10270				
Certificate	NL0013001688	ARGX 52.65BL OPENB	EUR	1,5900	1,5900	1,4450	1394,4000	3	1,4450	910				
Certificate	DE000CJ3N8U4	ARGX 56.41TL OPENZ	EUR	0,7500	0,7700	0,6650	8332,5000	5	0,6650	11150				
Certificate	NL0013010531	ARGX 57.65BL OPENB	EUR	0,9600	1,1100	0,8800	4089,1000	7	0,9450	4012				
Certificate	DE000CJ3PB25	ARGX 61.41TL OPENZ	EUR	0,4200	0,6300	0,4200	17568,0000	14	0,4350	37450				
Certificate	NL0013013212	ARGX 62.65BL OPENB	EUR	0,3800	0,4450	0,3800	380,0000	1	0,4450	1000				
Certificate	DE000CJ3PEW4	ARGX 66.91TL OPENZ	EUR											
Certificate	NL0013000458	ARGX 77.23BS OPENB	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	NL0012999007	ARGX 87.19BS OPENB	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	NL0012998157	ARGX 97.15BS OPENB	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	NL0010011102	ASCX 240TL OPENB	EUR	69,0950	69,0950	69,0950			69,0950					
Certificate	NL0010651907	ASMI 19TL OPENB	EUR	19,2000	19,2000	19,2000			19,2000					
Certificate	NL0011410824	ASMI 21TL OPENH	EUR	15,1600	16,7600	15,1600			16,7600					
Certificate	DE000CP06ZB1	ASMI 32TL OPENC	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CP06W72	ASMI 32TL OPENC	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000CP06ZC9	ASMI 34TL OPENC	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CP06W80	ASMI 34TL OPENC	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000CP06ZD7	ASMI 35TL OPENC	EUR											
Certificate	DE000CP06W98	ASMI 35TL OPENC	EUR	0,0400	0,0400	0,0400	32,0000	1	0,0400	800				
Certificate	NL0012051718	ASMI 36TL OPENH	EUR											
Certificate	NL0012052211	ASMI 37TL OPENH	EUR											
Certificate	DE000CP06ZE5	ASMI 44TS OPENC	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000CP06WAO	ASMI 45TS OPENC	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CQ5AU0	ASMI 46TL OPENC	EUR											
Certificate	DE000CP06ZF2	ASMI 46TS OPENC	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CP06WB8	ASMI 46TS OPENC	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CQ5AUD8	ASMI 48TL OPENC	EUR											
Certificate	DE000CQ5ASE0	ASMI 48TL OPENC	EUR											
Certificate	DE000CP06ZG0	ASMI 48TS OPENC	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CP06WC6	ASMI 48TS OPENC	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CQ5BDDU6	ASMI 50TL OPENC	EUR											
Certificate	DE000CQ5BF61	ASMI 50TL OPENC	EUR											
Certificate	DE000CQ5AP29	ASMI 52TL OPENC	EUR											
Certificate	DE000CQ5AP37	ASMI 54TL OPENC	EUR											
Certificate	DE000CQ5AP45	ASMI 55TL OPENC	EUR											
Certificate	NL0012773584	ASMI 65TS OPENB	EUR	35,8800	35,8800	35,8800			35,8800					
Certificate	DE000CQ5AP52	ASMI 65TS OPENC	EUR											
Certificate	DE000CQ5AP60	ASMI 68TS OPENC	EUR											
Certificate	DE000CQ5AP78	ASMI 70TS OPENC	EUR											
Certificate	DE000CQ5AP86	ASMI 72TS OPENC	EUR											
Certificate	NL0009261726	ASMI 2.6TL OPENB	EUR	34,1100	34,1100	34,1100			34,1100					
Certificate	NL0010012670	ASMI 11.8TL OPENB	EUR	25,7100	25,7100	25,7100			25,7100					
Certificate	NL0010606000	ASMI 16.5TL OPENB	EUR	20,7400	21,4300	20,7400	41490,0000	2	21,4300	2000				
Certificate	NL0011044318	ASMI 18.7TL OPENH	EUR	17,2500	18,9100	17,2500			18,9100					
Certificate	NL0010896023	ASMI 21.3TL OPENB	EUR	15,3300	17,0800	15,3300			17,0800					
Certificate	NL0011410816	ASMI 21.5TL OPENH	EUR	14,6700	16,2700	14,6700			16,2700					
Certificate	NL0011410808	ASMI 22.6TL OPENH	EUR	13,6400	15,3000	13,6400			15,3000					
Certificate	NL0011441332	ASMI 24.6TL OPENB	EUR	14,1100	14,1100	14,1100			14,1100					
Certificate	NL0011731674	ASMI 25.7TL OPENH	EUR	10,7300	12,3900	10,7300			12,3900					
Certificate	NL0011443866	ASMI 26.2TL OPENB	EUR	11,0700	12,7000	11,0700	4960,0500	2	12,7000	430				
Certificate	NL0011720602	ASMI 27.7TL OPENH	EUR	8,7200	10,5100	8,7200			10,5100					
Certificate	NL0011971551	ASMI 28.8TL OPENH	EUR	7,9000	9,5000	7,9000			9,5000					
Certificate	NL0011975602	ASMI 29.7TL OPENH	EUR	7,0700	8,6700	7,0700			8,6700					
Certificate	DE000CN6FDQ6	ASMI 30.3TL OPENZ	EUR	5,1800	6,2400	5,1800			6,2400					
Certificate	NL0011976006	ASMI 30.7TL OPENH	EUR	6,1100	7,7100	6,1100			7,7100					
Certificate	NL0012026793	ASMI 30.9TL OPENB	EUR	7,1900	8,3600	7,1600	902,8000	2	8,3600	120				
Certificate	NL0011990874	ASMI 31.9TL OPENH	EUR	5,0100	6,6100	5,0100			6,6100					
Certificate	NL0012028435	ASMI 32.5TL OPENB	EUR	5,1800	6,9700	5,1800	2590,0000	1	6,9700	500				
Certificate	NL0011991294	ASMI 32.9TL OPENH	EUR	4,0600	5,6600	4,0600	1082,0000	2	5,6600	200				
Certificate	NL0012039994	ASMI 34.1TL OPENB	EUR	4,2400	5,5200	4,2400	2722,0000	2	5,5200	550				
Certificate	NL0011992797	ASMI 34.1TL OPENH	EUR	2,9800	4,6100	2,9800	11325,0000	2	4,6100	3750				
Certificate	NL0012050967	ASMI 34.9TL OPENH	EUR											
Certificate	NL0012099733	ASMI 35.7TL OPENB	EUR											
Certificate	NL0012104947	ASMI 37.2TL OPENB	EUR											
Certificate	NL0013010846	ASMI 38.1TL 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	NL0013012156	ASMI 39.1TL OPENB	EUR											
Certificate	NL0013012669	ASMI 40.1TL OPENB	EUR											
Certificate	DE000CJ3PCY4	ASMI 40.2TL OPENZ	EUR											
Certificate	NL0013084999	ASMI 40.8TL OPENH	EUR											
Certificate	NL0013086051	ASMI 40.8TS OPENH	EUR	9,4900	9,4900	7,9200			7,9200					
Certificate	NL0013012677	ASMI 41.1TL OPENB	EUR											
Certificate	NL0013015530	ASMI 41.1TS OPENB	EUR	9,2600	9,2600	9,2600			9,2600					
Certificate	NL0013005515	ASMI 44.1TS OPENB	EUR	14,4200	14,4200	12,6600	865,2000	1	12,6600	60				
Certificate	NL0012905848	ASMI 45.8TS OPENH	EUR	14,9300	14,9300	13,3600			13,3600					
Certificate	NL0012796502	ASMI 46.5BOC1219Z	EUR	35,4200	36,7000	35,4200			36,7000					
Certificate	NL0012974182	ASMI 47.1TS OPENB	EUR	15,9400	15,9400	15,9400			15,9400					
Certificate	NL0012987911	ASMI 47.6TS OPENB	EUR	16,5500	16,5500	16,5500			16,5500					
Certificate	NL0012936116	ASMI 47.8TS OPENH	EUR	17,0100	17,0100	15,4400			15,4400					
Certificate	NL0012918544	ASMI 48.8TS OPENH	EUR	18,1100	18,1100	16,5400			16,5400					
Certificate	NL0012795678	ASMI 49.5BOC0619Z	EUR	34,3000	34,8300	34,3000			34,8300					
Certificate	NL0012795686	ASMI 49.5BOC0919Z	EUR	35,3100	36,8100	35,3100			36,8100					
Certificate	NL0012936595	ASMI 49.8TS OPENH	EUR	19,1700	19,1700	17,6000			17,6000					
Certificate	DE000CV89L44	ASMI 49.8TS OPENZ	EUR	2,9600	2,9600	2,7500			2,7500					
Certificate	NL0012918536	ASMI 50.8TS OPENH	EUR	20,4400	20,4400	18,6900			18,6900					
Certificate	NL0012611909	ASMI 52.8TS OPENH	EUR	22,4700	22,4700	20,9000			20,9000					
Certificate	NL0012608467	ASMI 54.8TS OPENH	EUR	24,5700	24,5700	23,0000			23,0000					
Certificate	NL0012598320	ASMI 56.7TS OPENH	EUR	26,8700	26,8700	25,1100			25,1100					
Certificate	NL0012585178	ASMI 60.5TS OPENH	EUR	30,7800	30,7800	29,1600			29,1600					
Certificate	NL0012536437	ASMI 61.8TS OPENH	EUR	32,3500	32,3500	30,6000			30,6000					
Certificate	NL0012242044	ASMI 64.4TS OPENH	EUR	35,0000	35,0000	33,4300			33,4300					
Certificate	NL0012537476	ASMI 73.6TS OPENH	EUR	45,0300	45,0300	43,2800			43,2800					
Certificate	DE000CR9RJ1	ASMI 23.98TL OPENZ	EUR	11,4300	12,4900	11,4300			12,4900					
Certificate	DE000CN6F9B1	ASMI 28.74TL OPENZ	EUR	6,7200	7,7800	6,7200			7,7800					
Certificate	LU1859831700	ASMI 30.27TCIOPENS	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	NL0013014764	ASMI 31.26BL OPENB	EUR	0,3900	0,5650	0,3900	1330,0000	2	0,5650	3000				
Certificate	DE000CD63294	ASMI 32.27TL OPENZ	EUR	3,2600	4,3250	2,6700	359,7400	4	4,3250	122				
Certificate	NL0013007586	ASMI 33.27BL OPENB	EUR	0,2000	0,3650	0,1600	184,0000	2	0,3650	1120				
Certificate	DE000CD63E78	ASMI 34.25TL OPENZ	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	LU1790438748	ASMI 34.64TCIOPENS	EUR											
Certificate	NL0012997142	ASMI 35.27BL OPENB	EUR											
Certificate	DE000CD642T3	ASMI 36.24TL OPENZ	EUR											
Certificate	LU1859831882	ASMI 36.32TCIOPENS	EUR											
Certificate	DE000CQ58KF2	ASMI 36.77TL OPENC	EUR											
Certificate	LU1840980327	ASMI 37.07TCIOPENS	EUR											
Certificate	NL0012977516	ASMI 37.27BL OPENB	EUR											
Certificate	DE000CJ3N8E8	ASMI 38.21TL OPENZ	EUR											
Certificate	NL0013014913	ASMI 38.66BS OPENB	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	NL0013011976	ASMI 39.27BL OPENB	EUR											
Certificate	LU1859830215	ASMI 40.36TCIOPENS	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	NL0013013220	ASMI 41.26BL OPENB	EUR											
Certificate	DE000CJ3PHM8	ASMI 42.33TS OPENZ	EUR	1,4800	1,5900	1,2700	5602,0000	10	1,2700	3600				
Certificate	NL0013013857	ASMI 42.66BS OPENB	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	LU1840911512	ASMI 43.37TCIOPENS	EUR											
Certificate	DE000CJ3NZ45	ASMI 45.82TS OPENZ	EUR	2,1700	2,1700	1,9600			1,9600					
Certificate	NL0012994826	ASMI 46.65BS OPENB	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	LU1790510876	ASMI 47.85TCIOPENS	EUR	13,1500	13,1500	13,1500			13,1500					
Certificate	NL0012795348	ASMI 48.67BOC0319Z	EUR	39,9600	41,5650	39,9600			41,5650					
Certificate	NL0012795330	ASMI 48.67BOC1218Z	EUR	37,8200	39,0900	37,8200			39,0900					
Certificate	NL0012994420	ASMI 50.63BS OPENB	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	NL0012795264	ASMI 50.96BON0319Z	EUR	38,0000	39,3200	38,0000			39,3200					
Certificate	DE000CV88G67	ASMI 53.79TS OPENZ	EUR	3,7600	3,7600	3,5400			3,5400					
Certificate	DE000CE6CHG6	ASMI 57.76TS OPENZ	EUR	4,5500	4,5500	4,3400			4,3400					
Certificate	LU1719442797	ASMI 68.95TCIOPENS	EUR											
Certificate	DE000CE6BQ08	ASMLH LEVOPENZ	EUR	49,6000	59,8400	49,6000	1094,4000	2	58,4900	20				
Certificate	DE000CE6BQF1	ASMLH SHROPENZ	EUR	2,9320	2,9320	2,7430	263,8800	1	2,7430	90				
Certificate	NL0009261080	ASMLH 17TL OPENB	EUR	132,1800	132,1800	132,1800			132,1800					
Certificate	NL0010893483	ASMLH 69TL OPENB	EUR	74,9300	83,7700	74,9300			83,7700					
Certificate	DE000CW42P86	ASMLH 70TL OPENC	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	DE000CW42KK5	ASMLH 70TL OPENC	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	NL0011712781	ASMLH 79TL OPENH	EUR	6,5500	7,3400	6,5500			7,3400					
Certificate	DE000CX01ZB6	ASMLH 80TL OPENC	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	DE000CX599D5	ASMLH 90TL OPENC	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	NL0012099741	ASMLH 97TL OPENB	EUR	57,7600	57,7600	57,7600			57,7600					
Certificate	NL0012100457	ASMLH 99TL OPENB	EUR	55,8500	55,8500	55,8500			55,8500					
Certificate	DE000CY502D8	ASMLH 100TL OPENC	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	DE000CY16X86	ASMLH 100TL OPENC	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	DE000CYOARY1	ASMLH 110TL OPENC	EUR	3,7800	3,8100	3,5000	5530,0000	2	3,8100	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	DE000CY0AU62	ASMLH 110TL OPENC	EUR	3,6400	4,3700	3,6400	4368,0000	1	4,3700	1200				
Certificate	DE000CY50UF3	ASMLH 115TL OPENC	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	DE000CY50WU8	ASMLH 115TL OPENC	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	DE000CY50N28	ASMLH 120TL OPENC	EUR	2,2800	2,8100	2,2700	1584,1000	4	2,7600	610				
Certificate	DE000CY50NC5	ASMLH 120TL OPENC	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000CV88CH2	ASMLH 123TL 1218Z	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	DE000VA71UT0	ASMLH 125TL 0319V	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CY50UG1	ASMLH 125TL OPENC	EUR	2,2000	2,2600	2,2000	110,0000	1	2,2600	50				
Certificate	DE000CY50WV6	ASMLH 125TL OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000VA71P34	ASMLH 130TL 0319V	EUR	1,8090	1,8090	1,8090			1,8090					
Certificate	DE000CY51BS4	ASMLH 130TL OPENC	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CY51A30	ASMLH 130TL OPENC	EUR	1,4400	1,7800	1,4100	2554,9000	6	1,7600	1616				
Certificate	DE000CV88EM8	ASMLH 133TL 1218Z	EUR	1,5100	1,5100	1,3900	1184,0000	3	1,4950	800				
Certificate	DE000VA77D16	ASMLH 135TL 0319V	EUR	1,3550	1,3550	1,3550			1,3550					
Certificate	DE000VA71US2	ASMLH 135TL 1218V	EUR	1,3320	1,3320	1,3320			1,3320					
Certificate	DE000CY51GN4	ASMLH 135TL OPENC	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CY51JU3	ASMLH 135TL OPENC	EUR	0,6300	1,3000	0,4500	6537,1700	10	1,2700	6936				
Certificate	DE000VA7PXC3	ASMLH 140TL 0319V	EUR											
Certificate	DE000VA71P18	ASMLH 140TL 1218V	EUR											
Certificate	DE000CY51GP9	ASMLH 140TL OPENC	EUR											
Certificate	DE000CP06TR0	ASMLH 140TL OPENC	EUR											
Certificate	DE000CP06WD4	ASMLH 142TL OPENC	EUR											
Certificate	DE000CJ3PCK3	ASMLH 143TL 1218Z	EUR											
Certificate	DE000VA71P42	ASMLH 145TL 0319V	EUR											
Certificate	DE000VA71P26	ASMLH 145TL 1218V	EUR											
Certificate	DE000VA71YV8	ASMLH 150TL 0319V	EUR											
Certificate	DE000VA71YL9	ASMLH 150TL 1218V	EUR											
Certificate	DE000CP06KF4	ASMLH 150TL OPENC	EUR											
Certificate	NL0012494520	ASMLH 151BOC1218B	EUR	147,0500	148,6500	147,0500			148,6500					
Certificate	DE000VA71YX4	ASMLH 155TL 0319V	EUR											
Certificate	DE000VA71YR6	ASMLH 155TL 1218V	EUR											
Certificate	DE000VA8FV68	ASMLH 155TS 0319V	EUR	0,9340	0,9340	0,9340			0,9340					
Certificate	DE000VA8FV84	ASMLH 155TS 1218V	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	DE000CP06WE2	ASMLH 155TS OPENC	EUR											
Certificate	DE000CP06ZH8	ASMLH 155TS OPENC	EUR											
Certificate	DE000VA71YZ9	ASMLH 160TL 0319V	EUR											
Certificate	DE000VA71Y12	ASMLH 160TL 1218V	EUR											
Certificate	DE000VA8FSH1	ASMLH 160TS 0319V	EUR	1,3930	1,3930	1,3930			1,3930					
Certificate	DE000VA8FSJ7	ASMLH 160TS 1218V	EUR	1,3730	1,3730	1,3730			1,3730					
Certificate	DE000CP06TT6	ASMLH 160TS OPENC	EUR											
Certificate	DE000CP06ZJ4	ASMLH 160TS OPENC	EUR											
Certificate	DE000CQ58006	ASMLH 165TL OPENC	EUR											
Certificate	DE000VA710Z5	ASMLH 165TS 0319V	EUR	1,8570	1,8570	1,8570			1,8570					
Certificate	DE000CP06WF9	ASMLH 165TS OPENC	EUR											
Certificate	NL0012648760	ASMLH 166BON0619Z	EUR	149,6050	149,6050	149,6050			149,6050					
Certificate	NL0012676258	ASMLH 168BOC1218B	EUR	155,0000	160,7000	155,0000	10335,0000	1	160,7000	65				
Certificate	DE000VA6D9W6	ASMLH 168TS 1218V	EUR	2,1470	2,1470	2,1470			2,1470					
Certificate	NL0012648299	ASMLH 170BOC1218Z	EUR	163,6750	163,6750	163,6750			163,6750					
Certificate	DE000CQ58F95	ASMLH 170TL OPENC	EUR											
Certificate	DE000CQ58DX0	ASMLH 170TL OPENC	EUR											
Certificate	DE000VA7PUQ9	ASMLH 170TS 0319V	EUR	2,3590	2,3590	2,3590			2,3590					
Certificate	DE000VA6D6P6	ASMLH 170TS 1218V	EUR	2,7490	2,7490	2,3470	767,4000	2	2,3470	300				
Certificate	DE000CP067S1	ASMLH 170TS OPENC	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000CP06743	ASMLH 170TS OPENC	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000VA6D6Q4	ASMLH 172TS 1218V	EUR	2,5480	2,5480	2,5480			2,5480					
Certificate	DE000VA6D6R2	ASMLH 174TS 1218V	EUR	2,7480	2,7480	2,7480			2,7480					
Certificate	DE000CJ3N2P7	ASMLH 174TS 1218Z	EUR	2,9000	2,9000	2,7950	2900,0000	1	2,7950	1000				
Certificate	DE000VA7PUR7	ASMLH 175TS 0319V	EUR	2,8610	2,8610	2,8610			2,8610					
Certificate	DE000CP06750	ASMLH 175TS OPENC	EUR	3,1100	3,1100	2,8200	1244,0000	1	2,8200	400				
Certificate	NL0012648307	ASMLH 176BOC0619Z	EUR	160,5150	160,5150	160,5150			160,5150					
Certificate	NL0012648992	ASMLH 176BOC1218Z	EUR	164,7250	164,7250	164,7250			164,7250					
Certificate	DE000VA6D6S0	ASMLH 176TS 1218V	EUR	2,9480	2,9480	2,9480			2,9480					
Certificate	NL0012796338	ASMLH 178BOC0919Z	EUR	148,8600	148,8600	148,8600			148,8600					
Certificate	DE000VA6D6G5	ASMLH 178TS 1218V	EUR	3,1480	3,1480	3,1480			3,1480					
Certificate	DE000VA7PUS5	ASMLH 180TS 0319V	EUR	3,3620	3,3620	3,3620			3,3620					
Certificate	DE000VA5RG09	ASMLH 180TS 1218V	EUR	3,3490	3,3490	3,3490			3,3490					
Certificate	DE000CQ58T16	ASMLH 180TS OPENC	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000CQ58UV8	ASMLH 180TS OPENC	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000VA5RG25	ASMLH 182TS 1218V	EUR	3,5490	3,5490	3,5490			3,5490					
Certificate	NL0012795314	ASMLH 185BOC0319Z	EUR	155,6800	155,6800	155,6800			155,6800					
Certificate	NL0013003221	ASMLH 185BOC0919B	EUR	143,5000	147,0500	143,1500	5740,0000	1	147,0500	40				
Certificate	NL0012795256	ASMLH 185BON0319Z	EUR	146,3500	146,3500	146,3500			146,3500					



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	DE000VA7PUT3	ASMLH 185TS 0319V	EUR	3,8630	3,8630	3,8630			3,8630					
Certificate	DE000VASR879	ASMLH 185TS 1218V	EUR	3,8490	3,8490	3,8490			3,8490					
Certificate	DE000CP060A4	ASMLH 185TS OPENC	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	NL0012796346	ASMLH 187BOCI219Z	EUR	147,2200	147,2200	147,2200			147,2200					
Certificate	NL0012649008	ASMLH 188BOCO619Z	EUR	157,9800	157,9800	157,9800			157,9800					
Certificate	DE000VA4YS72	ASMLH 188TS 1218V	EUR											
Certificate	DE000VA5ENX8	ASMLH 188TS 1218V	EUR	4,1490	4,1490	4,1490			4,1490					
Certificate	DE000VA7PUU1	ASMLH 190TS 0319V	EUR	4,3640	4,3640	4,3640			4,3640					
Certificate	DE000VA4YNP5	ASMLH 190TS 1218V	EUR	4,3490	4,3490	4,3490			4,3490					
Certificate	DE000CQ58HK8	ASMLH 190TS OPENC	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	DE000CY51UR6	ASMLH 190TS OPENC	EUR											
Certificate	DE000CQ58T24	ASMLH 190TS OPENC	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000CY521W8	ASMLH 190TS OPENC	EUR											
Certificate	DE000VA4YNQ3	ASMLH 192TS 1218V	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	NL0012795553	ASMLH 194BOCO619Z	EUR	143,0400	143,0400	143,0400			143,0400					
Certificate	DE000VA4YNR1	ASMLH 194TS 1218V	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	DE000CV8B9A8	ASMLH 194TS 1218Z	EUR	4,7850	4,7850	4,7850			4,7850					
Certificate	NL0012795561	ASMLH 196BOCO919Z	EUR	148,8900	148,8900	148,8900			148,8900					
Certificate	DE000VA4YN85	ASMLH 196TS 1218V	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	DE000VA4YN93	ASMLH 198TS 1218V	EUR	5,1450	5,1450	5,1450			5,1450					
Certificate	NL0012987309	ASMLH 200BOCO619B	EUR	152,0000	152,0000	152,0000			152,0000					
Certificate	DE000VA4YPA2	ASMLH 200TS 1218V	EUR	5,3550	5,3550	5,3550			5,3550					
Certificate	DE000CQ58030	ASMLH 200TS OPENC	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	DE000CY51X58	ASMLH 200TS OPENC	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	DE000CY52M19	ASMLH 200TS OPENC	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	DE000VA4YPB0	ASMLH 202TS 1218V	EUR	5,5550	5,5550	5,5550			5,5550					
Certificate	DE000CQ58DZ5	ASMLH 205TS OPENC	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	DE000CQ5ACP0	ASMLH 210TS OPENC	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	DE000CV8AB63	ASMLH 214TS 1218Z	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	DE000CQ582D0	ASMLH 220TS OPENC	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	DE000CQ58048	ASMLH 220TS OPENC	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	DE000CQ58E05	ASMLH 230TS OPENC	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	DE000CV8AB71	ASMLH 234TS 1218Z	EUR	8,7800	8,7800	8,7800			8,7800					
Certificate	DE000VL2FR59	ASMLH 111.TL OPENV	EUR	3,3910	3,5830	3,3910	27208,5600	6	3,5830	8010				
Certificate	LU1573600514	ASMLH 115.TCIOPENS	EUR	2,9700	3,1600	2,9700	103,9500	1	3,1600	35				
Certificate	DE000VL2FS94	ASMLH 127.TL OPENV	EUR	1,9520	1,9520	1,9520			1,9520					
Certificate	DE000VL2FTL1	ASMLH 129.TL OPENV	EUR	1,3600	1,7450	1,3600	4720,0000	4	1,7450	3400				
Certificate	DE000VL2FTM9	ASMLH 131.TL OPENV	EUR	0,9110	1,5460	0,9110	1560,0000	2	1,5460	1045				
Certificate	DE000CJ3N8F5	ASMLH 145.TL OPENZ	EUR											
Certificate	LU1841153957	ASMLH 158.TPIOPENS	EUR	1,2500	1,2500	1,0800	363,0000	2	1,0800	300				
Certificate	DE000VA3TK60	ASMLH 166.TL OPENV	EUR											
Certificate	LU1817217232	ASMLH 169.TPIOPENS	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000VA2T6G1	ASMLH 170.TL OPENV	EUR											
Certificate	DE000VA2T6H9	ASMLH 172.TL OPENV	EUR											
Certificate	DE000VA2T6W8	ASMLH 174.TL OPENV	EUR											
Certificate	DE000VA3TEN1	ASMLH 176.TL OPENV	EUR											
Certificate	NL0009560325	ASMLH 18.3TL OPENB	EUR	130,9500	130,9500	130,9500			130,9500					
Certificate	DE000VA5RGP0	ASMLH 180.TS OPENV	EUR	3,2380	3,2380	3,2380			3,2380					
Certificate	DE000VA5RGQ8	ASMLH 182.TS OPENV	EUR	3,4370	3,4370	3,4370			3,4370					
Certificate	LU1816971995	ASMLH 184.TPIOPENS	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	NL0010013769	ASMLH 32.5TL OPENB	EUR	117,7500	117,7500	117,7500			117,7500					
Certificate	NL0011413372	ASMLH 32.9TL OPENH	EUR	10,8400	11,6300	10,8400			11,6300					
Certificate	NL0011040100	ASMLH 41.2TL OPENH	EUR	10,0900	10,8600	10,0900			10,8600					
Certificate	NL0010249538	ASMLH 42.5TL OPENB	EUR	108,4100	108,4100	108,4100			108,4100					
Certificate	NL0010283610	ASMLH 46.7TL OPENB	EUR	104,5100	104,5100	104,5100			104,5100					
Certificate	NL0010376752	ASMLH 49.3TL OPENB	EUR	102,0700	102,0700	102,0700			102,0700					
Certificate	NL0011039334	ASMLH 51.8TL OPENH	EUR	9,1000	9,8700	9,1000			9,8700					
Certificate	NL0010378121	ASMLH 52.3TL OPENB	EUR	99,3200	99,3200	99,3200			99,3200					
Certificate	NL0010379350	ASMLH 54.8TL OPENB	EUR	97,0200	97,0200	97,0200			97,0200					
Certificate	NL0011040092	ASMLH 57.1TL OPENH	EUR	8,6000	9,3800	8,6000	1864,0000	1	9,3800	200				
Certificate	NL0010657052	ASMLH 57.8TL OPENB	EUR	94,2100	94,2100	94,2100			94,2100					
Certificate	NL0010658597	ASMLH 60.6TL OPENB	EUR	91,5600	91,5600	91,5600			91,5600					
Certificate	NL0011039326	ASMLH 62.4TL OPENH	EUR	8,1100	8,8800	8,1100			8,8800					
Certificate	NL0010764122	ASMLH 66.4TL OPENB	EUR	86,1700	86,1700	86,1700			86,1700					
Certificate	NL0011040084	ASMLH 67.7TL OPENH	EUR	7,6100	8,3900	7,6100			8,3900					
Certificate	NL0011413364	ASMLH 68.6TL OPENH	EUR	7,5300	8,3100	7,5300			8,3100					
Certificate	NL0011649447	ASMLH 72.2TL OPENB	EUR	80,7900	80,7900	80,7900			80,7900					
Certificate	NL0011712815	ASMLH 72.7TL OPENH	EUR	7,1400	7,9200	7,1400			7,9200					
Certificate	NL0011712807	ASMLH 74.8TL OPENH	EUR	6,9500	7,7300	6,9500			7,7300					
Certificate	NL0011651948	ASMLH 75.3TL OPENB	EUR	77,8900	77,8900	77,8900			77,8900					
Certificate	NL0011712799	ASMLH 76.9TL OPENH	EUR	6,7500	7,5400	6,7500			7,5400					
Certificate	NL0011891015	ASMLH 83.1TL OPENH	EUR	6,1800	6,9600	6,1800			6,9600					



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	NL0011926720	ASMLH 87.3TL OPENH	EUR	5,7900	6,5700	5,7900			6,5700					
Certificate	NL0011906318	ASMLH 88.7TL OPENB	EUR	65,1300	65,4000	65,1000	14979,9000	1	65,4000	230				
Certificate	NL0012030340	ASMLH 90.7TL OPENB	EUR	63,5600	63,5600	63,5600			63,5600					
Certificate	NL0011993555	ASMLH 91.3TL OPENH	EUR	5,4000	6,1900	5,4000			6,1900					
Certificate	NL0012048995	ASMLH 93.4TL OPENH	EUR	5,2200	6,0000	5,2200			6,0000					
Certificate	NL0012040687	ASMLH 94.8TL OPENB	EUR	59,7500	59,7500	59,7500			59,7500					
Certificate	NL0012052708	ASMLH 98.5TL OPENH	EUR	4,7400	5,5600	4,7400	1556,8000	1	5,5300	280				
Certificate	DE000CD644R3	ASMLH100.2TL OPENZ	EUR	46,4800	47,1550	46,4800	2324,0000	1	47,1550	50				
Certificate	NL0012100465	ASMLH101.1TL OPENB	EUR	53,9300	53,9300	53,9300			53,9300					
Certificate	NL0012100325	ASMLH101.2BL OPENB	EUR	46,3000	47,8300	46,3000	2315,0000	1	47,8300	50				
Certificate	LU1477223546	ASMLH101.3TCIOPENS	EUR	45,4700	45,4700	45,4700			45,4700					
Certificate	NL0012101174	ASMLH103.1TL OPENB	EUR	52,0200	52,0200	52,0200			52,0200					
Certificate	NL0012100333	ASMLH103.3BL OPENB	EUR	43,4600	45,7300	43,4600	43,4600	1	45,7300	1				
Certificate	DE000CD64656	ASMLH105.2TL OPENZ	EUR	42,1800	42,1800	42,1800			42,1800					
Certificate	DE000CD64EA3	ASMLH106.4TL OPENZ	EUR	4,3850	4,3850	4,3850			4,3850					
Certificate	NL0012105688	ASMLH107.3TL OPENB	EUR	46,5100	48,1200	46,4600	465,1000	1	48,1200	10				
Certificate	DE000VNV6VZ90	ASMLH107.9TL OPENV	EUR	4,4030	4,4030	4,4030			4,4030					
Certificate	DE000VNV6VOA9	ASMLH107.9TL OPENV	EUR	3,1190	3,8890	3,1190	2683,6000	2	3,8890	800				
Certificate	NL0012105845	ASMLH109.6BL OPENB	EUR	39,4400	39,4400	39,4400			39,4400					
Certificate	NL0012056022	ASMLH110.8TL OPENH	EUR	3,5900	4,3800	3,5900			4,3800					
Certificate	DE000CD64E85	ASMLH111.2TL OPENZ	EUR	3,6250	3,6250	3,6250			3,6250					
Certificate	NL0012106181	ASMLH111.4TL OPENB	EUR	43,7800	44,3100	43,7300	21890,0000	1	44,3100	500				
Certificate	NL0012105852	ASMLH111.7BL OPENB	EUR	37,3600	37,3600	37,3600			37,3600					
Certificate	DE000VNV658L1	ASMLH113.3TL OPENV	EUR	2,6020	3,4020	2,5110	5105,1800	9	3,3680	1693				
Certificate	DE000VNV658H9	ASMLH113.3TL OPENV	EUR	3,9180	3,9180	3,9180			3,9180					
Certificate	NL0012117758	ASMLH113.5TL OPENB	EUR	42,3600	42,3600	42,3600			42,3600					
Certificate	NL0012106116	ASMLH113.8BL OPENB	EUR	32,6300	35,2800	32,1700	9829,0000	5	35,2800	300				
Certificate	DE000VL2FSP4	ASMLH114.9TL OPENV	EUR	2,5140	3,1750	2,5140	4177,9400	7	3,1750	1430				
Certificate	DE000CE6C2G7	ASMLH115.6TL OPENZ	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	NL0012366793	ASMLH115.7TL OPENH	EUR	3,1400	3,9200	3,1400	1735,0000	2	3,9200	500				
Certificate	DE000CE6BHH6	ASMLH117.1TL OPENZ	EUR	3,0350	3,0350	3,0350			3,0350					
Certificate	NL0012277099	ASMLH117.5TL OPENB	EUR	29,7900	38,6800	29,7900	12762,2000	3	38,6800	380				
Certificate	DE000VNV66XH2	ASMLH117.8TL OPENV	EUR	2,0100	2,8680	2,0000	8651,5000	4	2,8680	4000				
Certificate	NL0012371041	ASMLH120.5TL OPENH	EUR	2,7000	3,4700	2,7000	1336,0000	1	3,4700	400				
Certificate	DE000VL2FPPT2	ASMLH120.9TL OPENV	EUR	2,5630	2,5630	2,5630			2,5630					
Certificate	NL0012278253	ASMLH121.5BL OPENB	EUR	19,2800	27,9500	19,2800	3856,0000	1	27,9500	200				
Certificate	NL0012277610	ASMLH121.6TL OPENB	EUR	34,8200	34,8200	34,8200			34,8200					
Certificate	DE000VL5RX13	ASMLH122.4TL OPENV	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000VL2FL22	ASMLH122.8TL OPENV	EUR	2,3580	2,3580	2,3580			2,3580					
Certificate	DE000CE6DYT2	ASMLH123.1TL OPENZ	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	DE000VL5RX21	ASMLH124.4TL OPENV	EUR	2,8570	2,8570	2,8570			2,8570					
Certificate	DE000VL2FPU0	ASMLH124.9TL OPENV	EUR	1,6110	2,1750	1,5480	4275,6600	9	2,1450	2124				
Certificate	NL0012372270	ASMLH125.6TL OPENH	EUR	2,2100	3,0000	2,2100			3,0000					
Certificate	NL0012277628	ASMLH125.7TL OPENB	EUR	31,0200	31,0200	31,0200			31,0200					
Certificate	DE000CE6EQ08	ASMLH125.8TL OPENZ	EUR	1,8100	2,4950	1,8100	3185,0000	3	2,4950	1500				
Certificate	NL0012278279	ASMLH126.7BL OPENB	EUR	21,2100	22,7800	19,4600	3545,7500	2	22,7800	175				
Certificate	DE000VL37EY2	ASMLH128.2TL OPENV	EUR	2,4690	2,4690	2,4690			2,4690					
Certificate	LU1573750830	ASMLH128.3TCIOPENS	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	NL0012492227	ASMLH128.7TL OPENB	EUR	28,2400	28,2400	28,2400			28,2400					
Certificate	DE000CE6EO93	ASMLH130.1TL OPENZ	EUR	1,5900	1,7250	1,5900	238,5000	1	1,7250	150				
Certificate	DE000VL5RX39	ASMLH130.4TL OPENV	EUR	2,0000	2,2770	2,0000	2125,0000	2	2,2770	1000				
Certificate	NL0012493522	ASMLH131.7TL OPENB	EUR	25,4300	25,4300	25,4300			25,4300					
Certificate	NL0012493290	ASMLH131.8BL OPENB	EUR	11,3900	17,6600	11,3100	23664,2200	9	17,6600	1438				
Certificate	LU1573783419	ASMLH131.8TCIOPENS	EUR	1,0300	1,4800	1,0300	334,0800	2	1,4800	288				
Certificate	DE000VL2FTT4	ASMLH133.1TL OPENV	EUR	1,3420	1,3420	1,3420			1,3420					
Certificate	DE000VL37EZ9	ASMLH133.2TL OPENV	EUR	1,6470	1,9840	1,6470	2360,6700	2	1,9840	1430				
Certificate	NL0012493795	ASMLH134.4BL OPENB	EUR	12,2900	15,0700	12,2800	64339,8100	16	15,0600	4627				
Certificate	NL0012495493	ASMLH134.8TL OPENB	EUR	13,7500	22,5400	13,7500		3	22,5400	225				
Certificate	NL0012518047	ASMLH134.9TL OPENH	EUR	1,3600	2,1600	1,3600	8568,0000	4	2,1300	4800				
Certificate	DE000VL2FTU2	ASMLH135.1TL OPENV	EUR	0,3460	1,1390	0,3460	44,9800	1	1,1390	130				
Certificate	LU1574196256	ASMLH135.8TCIOPENS	EUR	0,4900	1,0800	0,4700	11427,9100	43	1,0800	14054				
Certificate	DE000VL37GN0	ASMLH136.2TL OPENV	EUR	0,9470	1,6950	0,9470	292,6200	1	1,6950	309				
Certificate	NL0012495360	ASMLH136.9BL OPENB	EUR	3,6400	12,5300	3,6400	138329,0800	45	12,5300	13166				
Certificate	DE000CE6EU98	ASMLH137.1TL OPENZ	EUR	0,3900	1,1400	0,3900	166056,4100	92	1,0650	178004				
Certificate	DE000CE6EY86	ASMLH137.1TL OPENZ	EUR	0,8700	1,4800	0,8700	4630,8200	10	1,4050	3715				
Certificate	NL0012496780	ASMLH137.8TL OPENB	EUR	11,0600	19,7500	11,0600	4934,8000	4	19,7500	420				
Certificate	DE000VL2FWG5	ASMLH138.2TL OPENV	EUR	0,3590	0,3590	0,2610	2711,9000	4	0,2760	8100				
Certificate	DE000VL37E03	ASMLH138.2TL OPENV	EUR											
Certificate	NL0013009632	ASMLH140.7TL OPENB	EUR											
Certificate	LU1859831965	ASMLH140.8TCIOPENS	EUR											
Certificate	LU1784829472	ASMLH140.8TL OPENS	EUR											
Certificate	DE000VA71PH5	ASMLH141.3TL 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	NL0013013238	ASMLH141.98L OPENB	EUR											
Certificate	LU1840980590	ASMLH142.5TCIOPENS	EUR											
Certificate	DE000VA71PK9	ASMLH143.3TL OPENV	EUR											
Certificate	NL0013009640	ASMLH143.7TL OPENB	EUR											
Certificate	NL0013082548	ASMLH144.9TL OPENH	EUR											
Certificate	DE000VA71PM5	ASMLH145.3TL OPENV	EUR											
Certificate	NL0013010853	ASMLH146.6TL OPENB	EUR											
Certificate	NL0013013246	ASMLH146.98L OPENB	EUR											
Certificate	DE000VA71WT6	ASMLH147.3TL OPENV	EUR											
Certificate	DE000VA71WY6	ASMLH149.1TL OPENV	EUR											
Certificate	LU1841152637	ASMLH149.2TCIOPENS	EUR											
Certificate	DE000VA71ZA9	ASMLH149.3TL OPENV	EUR											
Certificate	NL0013015548	ASMLH149.5TS OPENB	EUR											
Certificate	NL0013012685	ASMLH149.6TL OPENB	EUR											
Certificate	NL0013087273	ASMLH149.9TS OPENH	EUR	2,3000	2,3000	1,5300			1,5300					
Certificate	DE000VA71ZD3	ASMLH151.3TL OPENV	EUR											
Certificate	DE000VA8FWB6	ASMLH151.4TS OPENV	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	LU1859830306	ASMLH151.5TCIOPENS	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	NL0013013253	ASMLH151.98L OPENB	EUR											
Certificate	NL0013012693	ASMLH152.6TL OPENB	EUR											
Certificate	DE000VA71ZG6	ASMLH153.3TL OPENV	EUR											
Certificate	DE000VA8FWE0	ASMLH153.4TS OPENV	EUR	0,6970	0,6970	0,6970			0,6970					
Certificate	NL0013014921	ASMLH153.88S OPENB	EUR	0,9800	0,9800	0,7500	3452,0000	3	0,7550	4400				
Certificate	LU1841096545	ASMLH154.1TCIOPENS	EUR											
Certificate	NL0013015555	ASMLH154.5TS OPENB	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000VA71ZJ0	ASMLH155.3TL OPENV	EUR											
Certificate	DE000VA8FWH3	ASMLH155.4TS OPENV	EUR	0,8740	0,8740	0,8740			0,8740					
Certificate	NL0013012701	ASMLH155.6TL OPENB	EUR											
Certificate	NL0013013261	ASMLH156.98L OPENB	EUR											
Certificate	DE000VA71ZM4	ASMLH157.3TL OPENV	EUR											
Certificate	DE000VA8FWK7	ASMLH157.4TS OPENV	EUR	1,0510	1,0510	1,0510			1,0510					
Certificate	DE000VA71TF6	ASMLH157.9TS OPENV	EUR											
Certificate	DE000VA8FTU2	ASMLH157.9TS OPENV	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	NL0013012719	ASMLH158.6TL OPENB	EUR											
Certificate	NL0013014939	ASMLH158.88S OPENB	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000VA71Z65	ASMLH159.1TL OPENV	EUR											
Certificate	DE000VA71ZQ5	ASMLH159.3TL OPENV	EUR											
Certificate	DE000VA8FS89	ASMLH159.4TS OPENV	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	NL0013014160	ASMLH159.5TS OPENB	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	DE000CJ3PHN6	ASMLH159.8TS OPENZ	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	NL0013086069	ASMLH159.9TS OPENH	EUR	3,3800	3,3800	2,6100			2,6100					
Certificate	DE000CJ3N435	ASMLH159.9TS OPENZ	EUR											
Certificate	LU1841096628	ASMLH160.3TCIOPENS	EUR											
Certificate	DE000VA71ZS1	ASMLH161.3TL OPENV	EUR											
Certificate	DE000VA71004	ASMLH161.4TS OPENV	EUR	1,4490	1,4490	1,4490			1,4490					
Certificate	DE000VA71012	ASMLH163.4TS OPENV	EUR	1,6490	1,6490	1,6490			1,6490					
Certificate	NL0013013543	ASMLH163.88S OPENB	EUR	2,0300	2,0300	1,7550	12182,0000	5	1,7550	6400				
Certificate	NL0013013717	ASMLH164.5TS OPENB	EUR	3,2000	3,2000	2,9850	1280,0000	1	2,9850	400				
Certificate	NL0013079254	ASMLH164.9TS OPENH	EUR											
Certificate	DE000VA71020	ASMLH165.4TS OPENV	EUR	1,8480	1,8480	1,8480			1,8480					
Certificate	DE000VA15N35	ASMLH166.4TL OPENV	EUR											
Certificate	DE000VA6D9F1	ASMLH167.8TS OPENV	EUR	2,0470	2,0470	2,0470			2,0470					
Certificate	DE000VA6D9M7	ASMLH168.1TS OPENV	EUR	2,9430	2,9430	2,9430			2,9430					
Certificate	NL0012995542	ASMLH168.78S OPENB	EUR	2,4700	2,4750	2,2550	74,1000	1	2,2550	30				
Certificate	DE000VA4RMG0	ASMLH168.8TL OPENV	EUR											
Certificate	NL0012995799	ASMLH169.5TS OPENB	EUR	4,4400	4,4400	3,5250	888,0000	1	3,5250	200				
Certificate	DE000VA6D6H3	ASMLH169.8TS OPENV	EUR	2,2440	2,2440	2,2440			2,2440					
Certificate	DE000VA6D6L5	ASMLH170.1TS OPENV	EUR	3,1490	3,1490	3,1490			3,1490					
Certificate	DE000VA2T6K3	ASMLH170.6TL OPENV	EUR											
Certificate	DE000VA6D6J9	ASMLH171.8TS OPENV	EUR	2,4430	2,4430	2,4430			2,4430					
Certificate	DE000VA6D6M3	ASMLH172.1TS OPENV	EUR	3,3590	3,3590	3,3590			3,3590					
Certificate	DE000VA2T6Y4	ASMLH172.6TL OPENV	EUR											
Certificate	NL0012995559	ASMLH173.78S OPENB	EUR	2,7450	2,7450	2,7450			2,7450					
Certificate	DE000VA6D6K7	ASMLH173.8TS OPENV	EUR	2,6420	2,6420	2,6420			2,6420					
Certificate	DE000VA6D6N1	ASMLH174.1TS OPENV	EUR	3,5680	3,5680	3,5680			3,5680					
Certificate	DE000VA3TEP6	ASMLH174.7TL OPENV	EUR											
Certificate	DE000CV8BBZ6	ASMLH174.7TS OPENZ	EUR	3,2000	3,2000	2,8350	3025,0000	4	2,8350	1040				
Certificate	NL0012898324	ASMLH174.8TS OPENH	EUR	4,9700	4,9700	4,1900			4,1900					
Certificate	DE000VA6D6C4	ASMLH175.8TS OPENV	EUR	2,8530	3,0300	2,8200	17,5800	6	2,8400	6				
Certificate	DE000VA6D6E0	ASMLH176.1TS OPENV	EUR	3,7770	3,7770	3,7770			3,7770					
Certificate	LU1817129023	ASMLH177.7TCIOPENS	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000VA6D6D2	ASMLH177.8TS OPENV	EUR	3,0400	3,0400	3,0400			3,0400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA6D6F7	ASMLH178.1TS OPENV	EUR	3,9870	3,9870	3,9870			3,9870					
Certificate	NL0012990451	ASMLH178.78S OPENB	EUR	3,2450	3,2450	3,2450			3,2450					
Certificate	NL0012990162	ASMLH179.2TS OPENB	EUR	4,5750	4,5750	4,5750			4,5750					
Certificate	NL0012888564	ASMLH179.9TS OPENH	EUR	5,5200	5,5200	4,7500			4,7500					
Certificate	DE000VASRGV8	ASMLH180.3TS OPENV	EUR	4,1940	4,1940	4,1940			4,1940					
Certificate	DE000VASRGX4	ASMLH182.3TS OPENV	EUR	4,4040	4,4040	4,4040			4,4040					
Certificate	NL0012988497	ASMLH183.68S OPENB	EUR	4,0900	4,0950	3,7350	409,0000	1	3,7350	100				
Certificate	DE000VASRCW5	ASMLH184.1TS OPENV	EUR	3,6340	3,6340	3,6340			3,6340					
Certificate	DE000VASRB61	ASMLH184.3TS OPENV	EUR	4,6080	4,6080	4,6080			4,6080					
Certificate	NL0012936827	ASMLH184.8TS OPENH	EUR	6,0700	6,0700	5,2800			5,2800					
Certificate	DE000VASRB53	ASMLH186.1TS OPENV	EUR	3,8320	3,8320	3,8320			3,8320					
Certificate	DE000VASENU4	ASMLH186.3TS OPENV	EUR	4,8140	4,8140	4,8140			4,8140					
Certificate	DE000VASENR0	ASMLH188.1TS OPENV	EUR	4,0270	4,0270	4,0270			4,0270					
Certificate	DE000VA4YS49	ASMLH188.3TS OPENV	EUR											
Certificate	DE000VA4YS64	ASMLH188.4TS OPENV	EUR	5,0130	5,0130	5,0130			5,0130					
Certificate	NL0012792998	ASMLH190.2B0C1218B	EUR	147,3000	147,3000	147,3000			147,3000					
Certificate	DE000VA3ECT4	ASMLH190.6TS OPENV	EUR	5,1950	5,1950	5,1950			5,1950					
Certificate	LU1757083248	ASMLH191.5TPIOPENS	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	NL0012368047	ASMLH192.3TS OPENH	EUR	6,8800	6,8800	6,0800			6,0800					
Certificate	DE000VL8XHL6	ASMLH193.3TS OPENV	EUR	4,2250	4,2250	4,2250			4,2250					
Certificate	LU1784829803	ASMLH193.6TS OPENS	EUR											
Certificate	DE000CV4ZMF3	ASMLH194.7TS OPENZ	EUR	4,8150	4,8150	4,8150			4,8150					
Certificate	DE000VL8XHN2	ASMLH194.9TS OPENV	EUR	5,3750	5,3750	5,3750			5,3750					
Certificate	LU1790503400	ASMLH195.1TPIOPENS	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	DE000VL8XHM4	ASMLH195.3TS OPENV	EUR	4,4220	4,4220	4,4220			4,4220					
Certificate	DE000VL8XHP7	ASMLH196.9TS OPENV	EUR	5,5850	5,5850	5,5850			5,5850					
Certificate	NL0012851463	ASMLH197.9TS OPENH	EUR	7,4800	7,4800	6,6900			6,6900					
Certificate	DE000VL8XG21	ASMLH198.3TS OPENV	EUR	4,7180	4,7180	4,7180			4,7180					
Certificate	NL0012970008	ASMLH198.48S OPENB	EUR	5,2150	5,2150	5,2150			5,2150					
Certificate	NL0012971923	ASMLH198.9TS OPENB	EUR	6,6950	6,6950	6,6950			6,6950					
Certificate	DE000VA2T562	ASMLH198.9TS OPENV	EUR	5,0210	5,0210	5,0210			5,0210					
Certificate	DE000VL8XKP1	ASMLH199.9TS OPENV	EUR	5,9050	5,9050	5,9050			5,9050					
Certificate	DE000VA2T6D8	ASMLH200.5TS OPENV	EUR	6,2050	6,2050	6,2050			6,2050					
Certificate	NL0012593867	ASMLH200.8TS OPENH	EUR	7,7700	7,7700	7,0000			7,0000					
Certificate	DE000VA2T570	ASMLH200.9TS OPENV	EUR	5,2150	5,2150	5,2150			5,2150					
Certificate	DE000VA2T6E6	ASMLH202.5TS OPENV	EUR	6,4150	6,4150	6,4150			6,4150					
Certificate	DE000VA2T588	ASMLH202.9TS OPENV	EUR	5,4150	5,4150	5,4150			5,4150					
Certificate	DE000VA2T6U2	ASMLH204.7TS OPENV	EUR	6,6450	6,6450	6,6450			6,6450					
Certificate	DE000VA2T6N7	ASMLH204.9TS OPENV	EUR	5,6150	5,6150	5,6150			5,6150					
Certificate	DE000VA2T6V0	ASMLH206.7TS OPENV	EUR	6,8550	6,8550	6,8550			6,8550					
Certificate	DE000VA2T6P2	ASMLH206.9TS OPENV	EUR	5,8150	5,8150	5,8150			5,8150					
Certificate	NL0012987242	ASMLH207.5B0C0619B	EUR	144,8000	144,8000	144,8000			144,8000					
Certificate	DE000VA2T7V8	ASMLH208.7TS OPENV	EUR	7,0650	7,0650	7,0650			7,0650					
Certificate	DE000VA3D9U3	ASMLH208.8TS OPENV	EUR	6,0150	6,0150	6,0150			6,0150					
Certificate	NL0012935597	ASMLH209.6TS OPENH	EUR	8,7500	8,7500	7,9600			7,9600					
Certificate	LU1784829712	ASMLH211.2TS OPENS	EUR											
Certificate	DE000VA3EAB6	ASMLH212.6TS OPENV	EUR	7,4850	7,4850	7,4850			7,4850					
Certificate	DE000VA3D929	ASMLH212.8TS OPENV	EUR	6,4150	6,4150	6,4150			6,4150					
Certificate	DE000VA3EAC4	ASMLH214.6TS OPENV	EUR	7,6950	7,6950	7,6950			7,6950					
Certificate	DE000CV87Y25	ASMLH214.6TS OPENZ	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	DE000VA3D937	ASMLH214.8TS OPENV	EUR	6,6050	6,6050	6,6050			6,6050					
Certificate	DE000VA3EAD2	ASMLH216.6TS OPENV	EUR	7,9050	7,9050	7,9050			7,9050					
Certificate	DE000VA3D945	ASMLH216.8TS OPENV	EUR	6,8050	6,8050	6,8050			6,8050					
Certificate	NL0012521967	ASMLH217.9TS OPENH	EUR	9,6300	9,6300	8,8500			8,8500					
Certificate	DE000VA4YN24	ASMLH218.3TS OPENV	EUR	7,0150	7,0150	7,0150			7,0150					
Certificate	DE000VA4YPC8	ASMLH218.4TS OPENV	EUR	8,1450	8,1450	8,1450			8,1450					
Certificate	DE000VA4YN02	ASMLH220.3TS OPENV	EUR	7,2050	7,2050	7,2050			7,2050					
Certificate	DE000VA4YRQ4	ASMLH220.4TS OPENV	EUR	8,3550	8,3550	8,3550			8,3550					
Certificate	DE000VA4YN10	ASMLH222.3TS OPENV	EUR	7,4050	7,4050	7,4050			7,4050					
Certificate	NL0012529135	ASMLH233.1TS OPENH	EUR	11,2600	11,2600	10,4800			10,4800					
Certificate	NL0012583447	ASMLH249.7TS OPENH	EUR	13,0600	13,0600	12,2800			12,2800					
Certificate	NL0012555486	ASMLH249.7TS OPENH	EUR	13,0500	13,0500	12,2800			12,2800					
Certificate	NL0012593859	ASMLH264.9TS OPENH	EUR	14,6900	14,6900	13,9200			13,9200					
Certificate	NL0012919997	ASMLH283.1TS OPENH	EUR	16,6700	16,6700	15,8900			15,8900					
Certificate	NL0011539242	ASMLH62.958L OPENB	EUR	86,0700	86,0700	86,0700			86,0700					
Certificate	DE000CC165B4	ASMLH68.31TL OPENC	EUR	80,2000	80,2000	80,2000			80,2000					
Certificate	NL0011433305	ASMLH69.458L OPENB	EUR	79,5700	79,5700	79,5700			79,5700					
Certificate	NL0011650767	ASMLH75.918L OPENB	EUR	73,1100	73,1100	73,1100			73,1100					
Certificate	NL0011907357	ASMLH88.648L OPENB	EUR	60,3900	60,3900	60,3900			60,3900					
Certificate	DE000CD62721	ASMLH95.16TL OPENZ	EUR	52,1950	52,1950	52,1950			52,1950					
Certificate	NL0012100028	ASMLH99.138L OPENB	EUR	49,9200	49,9200	49,9200			49,9200					
Certificate	DE000CQ5AUM9	ASRNL 30TL OPENC	EUR	1,1100	1,1100	1,1100			1,1100					



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	DE000CQ5ASJ9	ASRNL 32TL OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CQ5AUN7	ASRNL 32TL OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CQ5ASK7	ASRNL 34TL OPENC	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CQ5AUP2	ASRNL 34TL OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CQ5AUQ0	ASRNL 35TL OPENC	EUR											
Certificate	DE000CQ5ASL5	ASRNL 35TL OPENC	EUR											
Certificate	DE000CQ5BKM8	ASRNL 35TS OPENC	EUR											
Certificate	NL0013015563	ASRNL 41TS OPENB	EUR	5,6450	5,6450	5,6450			5,6450					
Certificate	NL0012993497	ASRNL 43TS OPENB	EUR	7,7750	7,7750	7,7750			7,7750					
Certificate	DE000CQ5AWM5	ASRNL 46TS OPENC	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	NL0012104954	ASRNL 18.9TL OPENB	EUR	21,1350	21,1350	21,1350			21,1350					
Certificate	NL0011900410	ASRNL 9.66TL OPENB	EUR	29,7350	29,7350	29,7350			29,7350					
Certificate	NL0011910211	ASRNL13.81TL OPENB	EUR	25,8750	25,8750	25,8750			25,8750					
Certificate	DE000CD649D2	ASRNL18.96TL OPENZ	EUR	4,1800	4,1800	4,0850			4,0850					
Certificate	NL0012105332	ASRNL19.95TL OPENB	EUR	20,1750	20,1750	20,1750			20,1750					
Certificate	NL0012115935	ASRNL21.98TL OPENB	EUR	18,2750	18,2750	18,2750			18,2750					
Certificate	DE000CE6BDK9	ASRNL22.06TL OPENZ	EUR	3,5800	3,5800	3,4850			3,4850					
Certificate	NL0012261762	ASRNL22.99TL OPENB	EUR	17,3350	17,3350	17,3350			17,3350					
Certificate	DE000CE6DJ78	ASRNL25.68TL OPENZ	EUR	2,8900	2,8900	2,7850			2,7850					
Certificate	NL0012271084	ASRNL26.03TL OPENB	EUR	14,5050	14,5050	14,5050			14,5050					
Certificate	NL0012275945	ASRNL27.03TL OPENB	EUR	13,5750	13,5750	13,5750			13,5750					
Certificate	NL0012275952	ASRNL28.04TL OPENB	EUR	12,6250	12,6250	12,6250			12,6250					
Certificate	DE000CE6DV23	ASRNL28.27TL OPENZ	EUR	2,3900	2,3900	2,2950			2,2950					
Certificate	NL0012279988	ASRNL29.05TL OPENB	EUR	11,6950	11,6950	11,6950			11,6950					
Certificate	NL0012492235	ASRNL30.04TL OPENB	EUR	10,7750	10,7750	10,7750			10,7750					
Certificate	DE000CE6EMU3	ASRNL30.85TL OPENZ	EUR	1,8900	1,8900	1,7950			1,7950					
Certificate	NL0012779771	ASRNL32.04TL OPENB	EUR	8,9150	8,9150	8,9150			8,9150					
Certificate	DE000CV89MC1	ASRNL32.92TL OPENZ	EUR	1,4900	1,4900	1,3950			1,3950					
Certificate	DE000CV886A4	ASRNL37.07TL OPENZ	EUR	0,6900	0,6900	0,5950			0,5950					
Certificate	NL0012993422	ASRNL37.08TL OPENB	EUR	4,9100	4,9350	4,2150	2745,0000	2	4,2150	600				
Certificate	NL0013009657	ASRNL38.05TL OPENB	EUR											
Certificate	NL0013012727	ASRNL39.05TL OPENB	EUR											
Certificate	NL0013009996	ASRNL41.06TS OPENB	EUR											
Certificate	DE000CV8AS80	ASRNL43.47TS OPENZ	EUR	1,2700	1,3650	1,2700			1,3650					
Certificate	NL0012994289	ASRNL44.99TS OPENB	EUR	9,9350	9,9350	9,9350			9,9350					
Certificate	DE000CJ3NVF8	ASRNL49.43TS OPENZ	EUR	2,5100	2,6050	2,5100			2,6050					
Certificate	DE000CV4YXW8	ASTRA37.43TL OPENZ	EUR	2,4550	2,4550	2,3650			2,3650					
Certificate	DE000CV4YZ87	ASTRA42.47TL OPENZ	EUR	1,8850	1,8850	1,7950			1,7950					
Certificate	DE000CV88B88	ASTRA47.47TL OPENZ	EUR	1,3250	1,3250	1,2350			1,2350					
Certificate	DE000CV8A3L9	ASTRA52.46TL OPENZ	EUR	0,7650	0,7650	0,6850			0,6850					
Certificate	NL0006518383	ASX 1860TL OPENB	EUR	24,4100	24,4100	24,4100			24,4100					
Certificate	NL0009173632	ASX 3230TL OPENB	EUR	16,3300	16,3300	16,3300			16,3300					
Certificate	DE000CV501K8	ATCO 164.3TL OPENZ	EUR	0,9000	0,9600	0,9000			0,9600					
Certificate	DE000CE6FKH1	ATCO 194.4TL OPENZ	EUR	0,3300	0,3900	0,3300			0,3900					
Certificate	DE000CJ3PAY8	ATCO 214.3TL OPENZ	EUR											
Certificate	DE000CE6FNJ1	ATCO 226.1TL OPENZ	EUR											
Certificate	DE000CJ3NVG6	ATLMI12.76TL OPENZ	EUR	1,0850	1,1100	1,0850			1,1100					
Certificate	DE000CV8AZE2	ATLMI14.75TL OPENZ	EUR	0,7150	0,7300	0,7150			0,7300					
Certificate	DE000CV8AY74	ATLMI16.87TL OPENZ	EUR	0,3150	0,3300	0,3150			0,3300					
Certificate	DE000CJ3PHP1	ATOS 50TL OPENZ	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000CJ3PHQ9	ATOS 60TL OPENZ	EUR	0,9600	0,9600	0,8600	2400,0000	1	0,8600	2500				
Certificate	DE000CN6KKM0	ATOS 70.46TL OPENZ	EUR											
Certificate	DE000CD62AA5	ATOS 77.66TL OPENZ	EUR											
Certificate	DE000CD62D47	ATOS 85.62TL OPENZ	EUR											
Certificate	DE000CV8ARH2	AUROR 4.45TL OPENZ	EUR	3,6750	3,6750	3,6750			3,6750					
Certificate	DE000CV8AXX7	AUROR 4.99TL OPENZ	EUR	3,4000	3,4000	3,3450	340,0000	1	3,3450	100				
Certificate	DE000CV8A856	AUROR 5.43TL OPENZ	EUR											
Certificate	DE000CV8AZ24	AUROR 6.09TL OPENZ	EUR	2,9000	2,9000	2,6650	400,2000	1	2,6650	138				
Certificate	DE000CV8A3E4	AUROR 6.52TL OPENZ	EUR											
Certificate	DE000CV8B1Z2	AUROR 7.18TL OPENZ	EUR	1,8700	1,9950	1,8700	5610,0000	1	1,9950	3000				
Certificate	DE000CJ3NDJ8	AUROR 8.26TL OPENZ	EUR	1,3100	1,3250	1,2200	877,1000	5	1,3250	680				
Certificate	DE000CJ3NJE6	AUROR 9.36TL OPENZ	EUR											
Certificate	DE000CJ3NQJ0	AUROR10.99TL OPENZ	EUR											
Certificate	DE000CJ3PD72	AUROR12.49TL OPENZ	EUR											
Certificate	DE000CJ3PAB6	AUROR12.49TL OPENZ	EUR											
Certificate	DE000CJ3PBR0	AUROR14.49TL OPENZ	EUR											
Certificate	DE000CX002G3	AXA 16TL OPENC	EUR	8,3800	8,3800	8,3800			8,3800					
Certificate	DE000CX598Q9	AXA 18TL OPENC	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	DE000CY0AU96	AXA 20TL OPENC	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000CY500C4	AXA 20TL OPENC	EUR	2,1100	2,2400	2,1100	738,5000	1	2,2400	350				
Certificate	DE000CY52QK7	AXA 28TS OPENC	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	DE000CY502H9	AXA 30TS OPENC	EUR	6,4900	6,4900	6,4900			6,4900					



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	DE000CV500D2	AXA 30TS OPENC	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	NL0010899431	AXA 12.4TL OPENB	EUR	10,5900	10,8200	10,5900			10,8200					
Certificate	DE000CF80MW1	AXA 16.3TL OPENC	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	NL0012902142	AXA 21.9TL OPENH	EUR											
Certificate	NL0012615512	AXA 26.8TS OPENH	EUR	0,7900	0,7900	0,7700			0,7700					
Certificate	NL0012555536	AXA 32.4TS OPENH	EUR	1,4100	1,4100	1,3900			1,3900					
Certificate	NL0010382347	AXA 8.63TL OPENB	EUR	14,1700	14,1700	14,1700			14,1700					
Certificate	NL0011226287	AXA 10.37TL OPENH	EUR	1,2400	1,2600	1,2400			1,2600					
Certificate	DE000CD61PT5	AXA 13.13TL OPENZ	EUR	1,7350	1,7850	1,7350			1,7850					
Certificate	NL0012056261	AXA 14.07TL OPENH	EUR	0,9100	0,9200	0,9100			0,9200					
Certificate	DE000CR1K682	AXA 14.69TL OPENZ	EUR	1,4250	1,4750	1,4250			1,4750					
Certificate	NL0011916010	AXA 15.49TL OPENB	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	DE000CR4H047	AXA 15.68TL OPENZ	EUR	1,2250	1,2750	1,2250			1,2750					
Certificate	NL0011978853	AXA 16.63TL OPENH	EUR	0,6700	0,6900	0,6700			0,6900					
Certificate	DE000CD62TK4	AXA 17.16TL OPENZ	EUR	0,9350	0,9850	0,9350			0,9850					
Certificate	NL0012030365	AXA 17.53TL OPENB	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	NL0012030373	AXA 18.55TL OPENB	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	NL0011993597	AXA 18.82TL OPENH	EUR	0,4700	0,4900	0,4700			0,4900					
Certificate	NL0012031249	AXA 19.58TL OPENB	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	DE000CD63PL8	AXA 19.65TL OPENZ	EUR	0,4450	0,4850	0,4450			0,4850					
Certificate	NL0011998000	AXA 19.83TL OPENH	EUR	0,3800	0,4000	0,3800			0,4000					
Certificate	NL0012603617	AXA 20.33TL OPENH	EUR	0,3400	0,3500	0,3400			0,3500					
Certificate	NL0012986301	AXA 20.59TL OPENB	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	NL0012933774	AXA 21.05TL OPENH	EUR	0,2700	0,2900	0,2700			0,2900					
Certificate	NL0012891675	AXA 21.32TL OPENH	EUR	0,2500	0,2600	0,2500			0,2600					
Certificate	NL0013000631	AXA 21.59TL OPENB	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	NL0013083041	AXA 23.33TS OPENH	EUR	0,4100	0,4100	0,3900			0,3900					
Certificate	NL0012772156	AXA 24.17TS OPENB	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	NL0012580633	AXA 24.83TS OPENH	EUR	0,5700	0,5700	0,5500			0,5500					
Certificate	NL0012564942	AXA 25.57TS OPENH	EUR	0,6500	0,6500	0,6400			0,6400					
Certificate	NL0012584429	AXA 26.82TS OPENH	EUR	0,7900	0,7900	0,7700			0,7700					
Certificate	NL0012431001	AXA 27.08TS OPENH	EUR	0,8200	0,8200	0,8000			0,8000					
Certificate	NL0012366801	AXA 27.14TS OPENH	EUR	0,8300	0,8300	0,8100			0,8100					
Certificate	NL0012244917	AXA 27.95TS OPENH	EUR	0,9200	0,9200	0,9000			0,9000					
Certificate	NL0012311716	AXA 28.04TS OPENH	EUR	0,9300	0,9300	0,9100			0,9100					
Certificate	NL0012054423	AXA 28.44TS OPENH	EUR	0,9700	0,9700	0,9500			0,9500					
Certificate	NL0012679997	AXA 30.03TS OPENB	EUR	11,2700	11,2700	11,2700			11,2700					
Certificate	NL0012586374	AXA 30.31TS OPENH	EUR	1,1800	1,1800	1,1600			1,1600					
Certificate	DE000CV8AWB5	AXELS40.46TL OPENZ	EUR	1,5450	1,5450	1,4900			1,4900					
Certificate	DE000CV8A4L7	AXELS50.51TL OPENZ	EUR	0,5550	0,5550	0,5000			0,5000					
Certificate	DE000UBS1MP2	B005U STN1022U	EUR											
Certificate	XS1815281685	BA99B STN0623B	EUR	82,6000	83,3500	82,6000			83,3500					
Certificate	DE000CV3AHA8	BABAK 50TL OPENC	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	DE000CW42AZ4	BABAK 55TL OPENC	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	DE000CX01P43	BABAK 70TL OPENC	EUR											
Certificate	NL0011795463	BABAK 78TL OPENB	EUR	63,9800	63,9800	63,9800			63,9800					
Certificate	DE000CX59LN9	BABAK 80TL OPENC	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	NL0012118905	BABAK 107TL OPENB	EUR	40,6800	40,6800	40,6800			40,6800					
Certificate	DE000CV50RU8	BABAK 120TL OPENC	EUR	1,1500	1,2900	1,1500	17250,0000	1	1,2900	15000				
Certificate	DE000CP06V24	BABAK 120TL OPENC	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000CV50RV6	BABAK 130TL OPENC	EUR											
Certificate	DE000CP069R9	BABAK 130TL OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CP06V32	BABAK 132TL OPENC	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	NL0012271795	BABAK 133TL OPENB	EUR	17,9900	19,9100	17,6900	899,5000	1	19,9100	50				
Certificate	DE000CP06YA6	BABAK 135TL OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CP07BH7	BABAK 135TL OPENC	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	NL0013011679	BABAK 138TL OPENB	EUR	15,8800	15,8800	15,8800			15,8800					
Certificate	DE000CP06YB4	BABAK 140TL OPENC	EUR											
Certificate	DE000CP07BJ3	BABAK 140TL OPENC	EUR											
Certificate	NL0013084130	BABAK 140TL OPENH	EUR											
Certificate	NL0013012636	BABAK 143TL OPENB	EUR											
Certificate	NL0013085004	BABAK 145TL OPENH	EUR											
Certificate	NL0013087281	BABAK 145TL OPENH	EUR											
Certificate	NL0013085327	BABAK 145TS OPENH	EUR											
Certificate	DE000CP06V40	BABAK 150TS OPENC	EUR											
Certificate	DE000CP07BK1	BABAK 155TS OPENC	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	DE000CP06YC2	BABAK 155TS OPENC	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CP07BL9	BABAK 160TS OPENC	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	DE000CP06V57	BABAK 160TS OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0012907836	BABAK 160TS OPENH	EUR	0,2500	0,2500	0,2400	960,0000	1	0,2400	4000				
Certificate	DE000CP06YD0	BABAK 165TS OPENC	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000CP07BM7	BABAK 165TS OPENC	EUR	2,6100	2,6100	2,6100			2,6100					



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	DE000CP069S7	BABAK 170TS OPENC	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000CP069B3	BABAK 170TS OPENC	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	NL0012907455	BABAK 170TS OPENH	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CP06842	BABAK 180TS OPENC	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	DE000CP067J0	BABAK 180TS OPENC	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	DE000CP06LGO	BABAK 190TS OPENC	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	DE000CP06L00	BABAK 190TS OPENC	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	DE000CQ58LU9	BABAK 200TS OPENC	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	DE000CQ58W78	BABAK 200TS OPENC	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	DE000CQ58QA0	BABAK 210TS OPENC	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000CY52012	BABAK 220TS OPENC	EUR											
Certificate	DE000CY51W00	BABAK 220TS OPENC	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000CQ58JL2	BABAK 240TS OPENC	EUR											
Certificate	DE000CD64F76	BABAK 105.TL OPENZ	EUR	3,1250	3,4150	3,1250			3,4150					
Certificate	DE000VA8FSQ2	BABAK 148.TS OPENV	EUR											
Certificate	DE000VA7TEL6	BABAK 153.TS OPENV	EUR											
Certificate	DE000VA7TC33	BABAK 158.TS OPENV	EUR											
Certificate	DE000VA7PV18	BABAK 163.TS OPENV	EUR											
Certificate	DE000VA6T191	BABAK 168.TS OPENV	EUR											
Certificate	NL0011428529	BABAK 39.7TL OPENB	EUR	94,5900	94,5900	94,5900			94,5900					
Certificate	NL0011426457	BABAK 50.7TL OPENB	EUR	85,7800	85,7800	85,7800			85,7800					
Certificate	NL0010872875	BABAK 61.5TL OPENB	EUR	77,1400	77,1400	77,1400			77,1400					
Certificate	NL0011656715	BABAK 72.5TL OPENB	EUR	68,3400	68,3400	68,3400			68,3400					
Certificate	NL0012104244	BABAK 93.8TL OPENB	EUR	51,2900	51,2900	51,2900			51,2900					
Certificate	NL0012106504	BABAK 99.1TL OPENB	EUR	47,0300	47,0300	47,0300			47,0300					
Certificate	NL0012106660	BABAK102.2BL OPENB	EUR	35,8000	37,8000	35,8000	1790,0000	1		37,8000	50			
Certificate	NL0012107643	BABAK107.5BL OPENB	EUR	33,0600	33,0600	33,0600			33,0600					
Certificate	NL0012120521	BABAK109.6TL OPENB	EUR	38,6300	38,6300	38,6300			38,6300					
Certificate	NL0012257778	BABAK112.2TL OPENB	EUR	35,0000	36,5300	35,0000	700,0000	1		36,5300	20			
Certificate	NL0012121032	BABAK112.9BL OPENB	EUR	26,1200	28,3700	25,8200	2089,6000	1		28,3700	80			
Certificate	NL0012260533	BABAK118.2BL OPENB	EUR	21,8400	24,0000	21,8400	2292,0000	2		23,6600	100			
Certificate	DE000VA7TFN9	BABAK118.7TL OPENV	EUR											
Certificate	NL0012268205	BABAK120.1TL OPENB	EUR	30,2500	30,2500	30,2500			30,2500					
Certificate	NL0012261879	BABAK120.9BL OPENB	EUR	21,3100	21,3100	21,3100			21,3100					
Certificate	DE000VA7TEX1	BABAK120.9TL OPENV	EUR											
Certificate	DE000VA7TFQ2	BABAK121.2TL OPENV	EUR											
Certificate	DE000CE6DL9Y	BABAK121.2TL OPENZ	EUR	1,7250	2,0150	1,7250	92,5000	1	2,0150	50				
Certificate	NL0012267306	BABAK123.6BL OPENB	EUR	18,9600	18,9600	18,9600			18,9600					
Certificate	NL0012270466	BABAK125.2TL OPENB	EUR	26,1800	26,1800	26,1800			26,1800					
Certificate	DE000VA7TC58	BABAK126.2TL OPENV	EUR	1,3900	1,6065	1,3900	10284,5000	5	1,6065	7000				
Certificate	NL0012268817	BABAK128.9BL OPENB	EUR	11,7500	14,2800	11,7500	3231,2500	1	14,2800	275				
Certificate	DE000VAGEBY9	BABAK130.5TL OPENV	EUR											
Certificate	DE000VAGECC3	BABAK130.8TL OPENV	EUR											
Certificate	DE000VA71RY6	BABAK133.7TL OPENV	EUR											
Certificate	NL0012271639	BABAK134.2BL OPENB	EUR	6,4900	9,6000	6,4900	649,0000	1	9,6000	100				
Certificate	DE000VAGD6X0	BABAK135.5TL OPENV	EUR											
Certificate	DE000VAGD6Y8	BABAK135.7TL OPENV	EUR											
Certificate	DE000CJ3N773	BABAK136.1TL OPENZ	EUR	0,2350	0,3750	0,2350			0,3750					
Certificate	DE000VA71R16	BABAK136.2TL OPENV	EUR											
Certificate	DE000VA71R40	BABAK138.7TL OPENV	EUR											
Certificate	NL0013011315	BABAK139.2BL OPENB	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	DE000VA7THN5	BABAK140.9TL OPENV	EUR											
Certificate	DE000VA8FR07	BABAK140.9TL OPENV	EUR											
Certificate	DE000VA71R73	BABAK141.2TL OPENV	EUR											
Certificate	DE000VA8FW59	BABAK141.3TL OPENV	EUR											
Certificate	NL0013013196	BABAK144.1BL OPENB	EUR											
Certificate	NL0013014756	BABAK144.2BL OPENB	EUR											
Certificate	DE000VA71XU2	BABAK145.9TL OPENV	EUR											
Certificate	DE000VA71Z24	BABAK146.2TL OPENV	EUR											
Certificate	NL0013013840	BABAK149.4BS OPENB	EUR											
Certificate	NL0013014137	BABAK149.5TS OPENB	EUR											
Certificate	DE000VA7TEW3	BABAK150.5TS OPENV	EUR											
Certificate	DE000VA77FL3	BABAK150.5TS OPENV	EUR											
Certificate	NL0013007685	BABAK154.4BS OPENB	EUR	11,2200	11,2200	11,2200			11,2200					
Certificate	DE000VA7TC17	BABAK155.5TS OPENV	EUR											
Certificate	DE000VA7TA01	BABAK155.5TS OPENV	EUR											
Certificate	NL0013006190	BABAK159.4BS OPENB	EUR	15,6200	15,6200	15,6200			15,6200					
Certificate	NL0013007305	BABAK159.5TS OPENB	EUR	29,5600	29,5600	29,5600			29,5600					
Certificate	DE000VA7PXP5	BABAK160.5TS OPENV	EUR											
Certificate	DE000VA7PWC5	BABAK160.5TS OPENV	EUR											
Certificate	NL0012990048	BABAK162.8TL OPENB	EUR											
Certificate	NL0013005135	BABAK164.4BS OPENB	EUR	20,0200	20,0200	20,0200			20,0200					



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	DE000VA640S9	BABAK165.5TS OPENV	EUR											
Certificate	DE000VA7PR63	BABAK165.5TS OPENV	EUR											
Certificate	NL0012995500	BABAK169.48S OPENB	EUR	24,4100	24,4100	24,4100			24,4100					
Certificate	NL0013004203	BABAK169.5TS OPENB	EUR	39,3400	39,3400	39,3400			39,3400					
Certificate	DE000VA6D6V4	BABAK170.5TS OPENV	EUR											
Certificate	DE000VA6D6W2	BABAK170.5TS OPENV	EUR											
Certificate	NL0012995518	BABAK174.48S OPENB	EUR	28,8100	28,8100	28,8100			28,8100					
Certificate	NL0012992259	BABAK174.68L OPENB	EUR											
Certificate	DE000VA6D526	BABAK175.5TS OPENV	EUR											
Certificate	DE000VA6D542	BABAK175.5TS OPENV	EUR											
Certificate	NL0012995096	BABAK179.5TS OPENB	EUR	49,1400	49,1400	49,1400			49,1400					
Certificate	DE000VA6D3G2	BABAK180.5TS OPENV	EUR											
Certificate	DE000VA6D3F4	BABAK180.5TS OPENV	EUR											
Certificate	DE000VA3PWX0	BABAK184.3TL OPENV	EUR											
Certificate	DE000VA3PWR2	BABAK184.3TL OPENV	EUR											
Certificate	DE000VA5RMX2	BABAK185.5TS OPENV	EUR											
Certificate	DE000VA5RMV6	BABAK185.5TS OPENV	EUR											
Certificate	NL0012934947	BABAK186.7TS OPENH	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012934939	BABAK187.7TS OPENH	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0012933998	BABAK188.7TS OPENH	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	NL0012987374	BABAK189.5TS OPENB	EUR	58,9300	58,9300	58,9300			58,9300					
Certificate	NL0012937320	BABAK189.7TS OPENH	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000VA4YXY6	BABAK190.5TS OPENV	EUR											
Certificate	DE000VA4YXX8	BABAK190.5TS OPENV	EUR											
Certificate	DE000VA4YXK5	BABAK195.5TS OPENV	EUR											
Certificate	DE000VA4YXL3	BABAK195.5TS OPENV	EUR											
Certificate	DE000VA3TJW1	BABAK200.5TS OPENV	EUR											
Certificate	DE000VA3TJ06	BABAK200.5TS OPENV	EUR											
Certificate	DE000VA3TJ14	BABAK205.5TS OPENV	EUR											
Certificate	DE000VA3TJX9	BABAK205.5TS OPENV	EUR											
Certificate	DE000VA3PWH3	BABAK210.5TS OPENV	EUR											
Certificate	DE000VA3PWJ9	BABAK215.5TS OPENV	EUR											
Certificate	DE000CR9RM19	BABAK65.61TL OPENZ	EUR	6,5650	6,8750	6,5650			6,8750					
Certificate	NL0011650213	BABAK69.198L OPENB	EUR	66,7900	66,7900	66,7900			66,7900					
Certificate	DE000CN6K3P7	BABAK76.11TL OPENZ	EUR	5,6450	5,9550	5,6450			5,9550					
Certificate	NL0011910880	BABAK88.598L OPENB	EUR	49,7300	49,7300	49,7300			49,7300					
Certificate	NL0011916812	BABAK91.338L OPENB	EUR	47,3200	47,3200	47,3200			47,3200					
Certificate	DE000CD62MG7	BABAK92.88TL OPENZ	EUR	4,1750	4,4850	4,1750	598,4000	1	4,4850	136				
Certificate	XS1354969286	BABFK STN0424K	EUR											
Certificate	DE000CV502M2	BABI 4.428TL OPENZ	EUR	1,6800	1,7400	1,6800			1,7400					
Certificate	DE000CV4ZRM8	BABI 5.337TL OPENZ	EUR	0,6600	0,7200	0,6600			0,7200					
Certificate	DE000CN6F3J7	BAES 4.28TL OPENZ	EUR	0,6000	0,6600	0,6000			0,6600					
Certificate	DE000CR9QHP6	BAES 3.827TL OPENZ	EUR	0,8600	0,9200	0,8600			0,9200					
Certificate	DE000CD61WQ7	BAES 4.885TL OPENZ	EUR	0,2600	0,3200	0,2600			0,3200					
Certificate	DE000CX00Q50	BAIDU 140TL OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000CX01LM3	BAIDU 150TL OPENC	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CX01N29	BAIDU 150TL OPENC	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000CQ58TL1	BAIDU 180TL OPENC	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CY50VH7	BAIDU 180TL OPENC	EUR											
Certificate	DE000CP06503	BAIDU 180TL OPENC	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000CP06XS0	BAIDU 195TL OPENC	EUR											
Certificate	DE000CP07AV0	BAIDU 200TL OPENC	EUR											
Certificate	DE000CP06UE6	BAIDU 220TS OPENC	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000CP07AW8	BAIDU 220TS OPENC	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	DE000CQ58HU7	BAIDU 240TL OPENC	EUR											
Certificate	DE000CQ58TN7	BAIDU 240TS OPENC	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	DE000CQ58VH5	BAIDU 240TS OPENC	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	DE000CQ58VJ1	BAIDU 250TS OPENC	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000CP06123	BAIDU 260TS OPENC	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	DE000CP062W4	BAIDU 260TS OPENC	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	DE000CQ580Y0	BAIDU 270TS OPENC	EUR											
Certificate	DE000CQ580Z7	BAIDU 280TS OPENC	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	DE000CQ5A5V6	BAIDU 290TS OPENC	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	DE000CQ5A8M9	BAIDU 290TS OPENC	EUR											
Certificate	DE000CQ58HV5	BAIDU 300TS OPENC	EUR											
Certificate	DE000CQ58HW3	BAIDU 310TS OPENC	EUR											
Certificate	NL0013004740	BAIDU 223.8S OPENB	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	NL0011900717	BAIDU136.8TL OPENB	EUR	5,7650	5,7650	5,7650			5,7650					
Certificate	NL0011539853	BAIDU147.7TL OPENB	EUR	4,8950	4,8950	4,8950			4,8950					
Certificate	NL0012032155	BAIDU150.28L OPENB	EUR	3,6550	3,6550	3,6550			3,6550					
Certificate	NL0011909585	BAIDU165.68L OPENB	EUR	2,3050	2,3050	2,3050			2,3050					
Certificate	NL0011915111	BAIDU169.1TL OPENB	EUR	3,1850	3,1850	3,1850			3,1850					



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	NL0012033617	BAIDU173.98L OPENB	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	NL0013007156	BAIDU178.8TL OPENB	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	NL0012258354	BAIDU182.5BL OPENB	EUR	0,4200	0,8150	0,4200	231,4200	1	0,8150	551				
Certificate	NL0013007164	BAIDU188.8TL OPENB	EUR											
Certificate	NL0013010549	BAIDU191.4BL OPENB	EUR											
Certificate	NL0013014178	BAIDU201.8TS OPENB	EUR	3,0050	3,0050	3,0050			3,0050					
Certificate	NL0013006240	BAIDU212.4BS OPENB	EUR	2,1650	2,1650	2,1650			2,1650					
Certificate	NL0013005531	BAIDU221.8TS OPENB	EUR	4,9650	4,9650	4,9650			4,9650					
Certificate	NL0013002173	BAIDU234.2BS OPENB	EUR	4,0750	4,0750	4,0750			4,0750					
Certificate	NL0012986707	BAIDU241.8TS OPENB	EUR	6,9250	6,9250	6,9250			6,9250					
Certificate	NL0012986913	BAIDU245.9BS OPENB	EUR	5,1050	5,1050	5,1050			5,1050					
Certificate	NL0013001720	BAIDU258.2BS OPENB	EUR	6,1950	6,1950	6,1950			6,1950					
Certificate	NL0012986384	BAIDU261.8TS OPENB	EUR	8,8850	8,8850	8,8850			8,8850					
Certificate	NL0012795884	BAM LEVOPENZ	EUR	27,7100	27,7100	27,7100			27,7100					
Certificate	NL0012795926	BAM SHROPENZ	EUR	82,9400	82,9400	82,9400			82,9400					
Certificate	NL0010009213	BAM 1TL OPENB	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	LU1840980913	BAM 3TCIOPEN5	EUR											
Certificate	NL0010009205	BAM 1.5TL OPENB	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	NL0010923975	BAM 2.3TL OPENB	EUR	0,7900	0,8700	0,7800	18380,0000	5	0,8700	22000				
Certificate	NL0012796171	BAM 3.6BON0619Z	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0012796189	BAM 3.6BON0919Z	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	NL0012796460	BAM 3.9BON0919Z	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0012796478	BAM 4.1BON1219Z	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0012795272	BAM 4.4BON0319Z	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	NL0012546709	BAM 4.7TS OPENH	EUR	2,6800	2,6800	2,6400			2,6400					
Certificate	NL0012438204	BAM 4.9TS OPENH	EUR	2,9100	2,9100	2,8600			2,8600					
Certificate	NL0010899019	BAM 2.02TL OPENB	EUR	1,0700	1,1200	1,0700			1,1200					
Certificate	DE000CV4YY88	BAM 2.18TL OPENZ	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0011041744	BAM 2.19TL OPENH	EUR	0,9600	1,0000	0,9600			1,0000					
Certificate	DE000CV4YY96	BAM 2.43TL OPENZ	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	LU1840980830	BAM 2.47TCIOPEN5	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0010931093	BAM 2.56TL OPENB	EUR	0,5700	0,6400	0,5700	5700,0000	2	0,6400	10000				
Certificate	NL0011041736	BAM 2.62TL OPENH	EUR	0,5900	0,6300	0,5900			0,6300					
Certificate	DE000CV4YYA2	BAM 2.68TL OPENZ	EUR	0,3800	0,3800	0,3750	380,0000	1	0,3750	1000				
Certificate	LU1650919225	BAM 2.83TCIOPEN5	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	NL0010932653	BAM 2.83TL OPENB	EUR	0,3400	0,3400	0,3200	7800,0000	4	0,3200	24000				
Certificate	NL0011041728	BAM 2.83TL OPENH	EUR	0,4000	0,4000	0,3900	292,5000	1	0,3900	750				
Certificate	NL0013014806	BAM 2.87BL OPENB	EUR											
Certificate	NL0012572598	BAM 2.94TL OPENH	EUR											
Certificate	DE000CD617Y5	BAM 2.94TL OPENZ	EUR											
Certificate	NL0013010176	BAM 3.28TS OPENB	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012900252	BAM 3.43TS OPENH	EUR	1,1900	1,1900	1,1400			1,1400					
Certificate	NL0012995229	BAM 3.53TS OPENB	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0012900245	BAM 3.53TS OPENH	EUR	1,3000	1,3000	1,2600			1,2600					
Certificate	NL0012894604	BAM 3.62TS OPENH	EUR	1,4100	1,4100	1,3600			1,3600					
Certificate	DE000CV8B3N4	BAM 3.71TL OPENZ	EUR											
Certificate	NL0012891683	BAM 3.72TS OPENH	EUR	1,5200	1,5200	1,4800			1,4800					
Certificate	NL0012992325	BAM 3.74BS OPENB	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0012796197	BAM 3.75BON1219Z	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	NL0012992648	BAM 3.78TS OPENB	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0012914683	BAM 3.88TS OPENH	EUR	1,7100	1,7100	1,6700			1,6700					
Certificate	NL0012975270	BAM 3.99BS OPENB	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	NL0012969760	BAM 4.04TS OPENB	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0012915425	BAM 4.08TS OPENH	EUR	1,9400	1,9400	1,9000			1,9000					
Certificate	NL0012608509	BAM 4.24TS OPENH	EUR	2,1300	2,1300	2,0900			2,0900					
Certificate	NL0012546717	BAM 4.31TS OPENH	EUR	2,2200	2,2200	2,1800			2,1800					
Certificate	NL0012793004	BAM 4.49BON1218B	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	NL0012608491	BAM 4.53TS OPENH	EUR	2,4800	2,4800	2,4400			2,4400					
Certificate	DE000CE6FK99	BAM 4.54TS OPENZ	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	NL0012438196	BAM 5.29TS OPENH	EUR	3,3600	3,3600	3,3200			3,3200					
Certificate	NL0012240501	BAM 5.57TS OPENH	EUR	3,7000	3,7000	3,6500			3,6500					
Certificate	DE000CR1H5L8	BAM 1.861TL OPENZ	EUR	1,0000	1,0550	1,0000	800,0000	1	1,0550	800				
Certificate	DE000C3PAF7	BAM 2.091TL OPENZ	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	NL0011900022	BAM 2.237BL OPENB	EUR	0,7700	0,7800	0,7700	30,8000	1	0,7800	40				
Certificate	DE000CR4HAJ4	BAM 2.339TL OPENZ	EUR	0,5400	0,5900	0,5400	8060,0000	3	0,5850	14000				
Certificate	DE000CR4HAK2	BAM 2.457TL OPENZ	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	NL0011816095	BAM 2.503BL OPENB	EUR	0,4500	0,5200	0,4400	7815,0000	4	0,5200	17500				
Certificate	DE000CR6X1L6	BAM 2.566TL OPENZ	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	DE000CR6X5M5	BAM 2.678TL OPENZ	EUR	0,2000	0,2450	0,1800	910,9000	3	0,2450	4610				
Certificate	NL0011653092	BAM 2.768BL OPENB	EUR	0,1800	0,2600	0,1500	2221,0000	5	0,2500	9500				
Certificate	DE000CR6X7G3	BAM 2.789TL OPENZ	EUR	0,0800	0,1400	0,0750	1319,9200	6	0,1350	13416				
Certificate	NL0012995401	BAM 2.968BL 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	DE000CR6XJQ2	BAM 3.003TL OPENZ	EUR											
Certificate	NL0013009012	BAM 3.242BS OPENB	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000CJ3PAG5	BAM 3.308TS OPENZ	EUR	0,4200	0,4350	0,4200	85,6800	1	0,4350		204			
Certificate	NL0012994909	BAM 3.491BS OPENB	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CV8B9X0	BAM 3.558TS OPENZ	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	DE000CV89DU2	BAM 4.049TS OPENZ	EUR	1,1650	1,1650	1,1650			1,1650					
Certificate	NL0013013550	BAR 105BS OPENB	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	NL0013006737	BAR 115.BS OPENB	EUR	2,0450	2,0450	2,0450			2,0450					
Certificate	NL0013006745	BAR 125.BS OPENB	EUR	3,0450	3,0450	3,0450			3,0450					
Certificate	DE000CV4Z4N8	BAR 86.6TL OPENZ	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CJ3PDE4	BAR 94.6TL OPENZ	EUR											
Certificate	DE000CE6CQG7	BAR 64.94TL OPENZ	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	DE000CE6CQF9	BAR 72.62TL OPENZ	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CE6EMB3	BAR 79.07TL OPENZ	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0013008642	BAR 88.53BL OPENB	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	NL0013013279	BAR 93.54BL OPENB	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	DE000CV50806	BAR 94.16TL OPENZ	EUR											
Certificate	NL0013013287	BAR 98.54BL OPENB	EUR											
Certificate	DE000CQ5A198	BARIK 15TS OPENC	EUR	0,1700	0,1700	0,1600	510,0000	1	0,1700		3000			
Certificate	DE000CY51V68	BARIK 16TS OPENC	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CN6EWL0	BARIK 6.85TL OPENZ	EUR	5,4750	5,4750	5,4750			5,4750					
Certificate	DE000CN6GT09	BARIK 8.15TL OPENZ	EUR	4,6100	4,6100	4,3950	2305,0000	1	4,3950		500			
Certificate	DE000CV8BE77	BARIK 9.21TL OPENZ	EUR	3,5050	3,5050	3,5050			3,5050					
Certificate	DE000CJ3NT20	BARIK10.68TL OPENZ	EUR	2,2750	2,2750	2,2750			2,2750					
Certificate	DE000CJ3PE89	BARIK12.18TL OPENZ	EUR	1,5400	1,5400	1,0050	4705,2100	8	1,0050		3570			
Certificate	DE000CR9S837	BARN 1064TL OPENZ	EUR	7,6900	7,7100	7,6900			7,7100					
Certificate	DE000CD61W52	BARN 1193TL OPENZ	EUR	6,5500	6,5900	6,5500	65,9000	1	6,5700		10			
Certificate	DE000CE6F8D8	BARN 1421TL OPENZ	EUR	4,5450	4,5750	4,5450			4,5750					
Certificate	DE000CJ3PB84	BARN 1721TL OPENZ	EUR	1,9250	1,9550	1,9250			1,9550					
Certificate	DE000CR6YPL8	BARN 961.3TL OPENZ	EUR	8,5900	8,6100	8,5900			8,6100					
Certificate	NL0011927678	BASF 64TL OPENH	EUR	0,5700	0,7200	0,5700			0,7200					
Certificate	NL0013010002	BASF 74TS OPENB	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	NL0013005549	BASF 79TS OPENB	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	NL0009169655	BASF 8.6TL OPENB	EUR	5,8850	5,8850	5,8850			5,8850					
Certificate	NL0009179464	BASF 16.6TL OPENB	EUR	5,1450	5,1450	5,1450			5,1450					
Certificate	NL0009262054	BASF 21.3TL OPENB	EUR	4,7050	4,7050	4,7050			4,7050					
Certificate	NL0010130555	BASF 44.1TL OPENB	EUR	2,4800	2,5850	2,4750	496,0000	1	2,5850		200			
Certificate	NL0011052535	BASF 47.3TL OPENH	EUR	2,1300	2,2800	2,1300			2,2800					
Certificate	NL0010133468	BASF 47.8TL OPENB	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	NL0013011695	BASF 52.8TL OPENB	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	NL0011720685	BASF 54.5TL OPENH	EUR	1,4600	1,6100	1,4600			1,6100					
Certificate	NL0013011703	BASF 57.8TL OPENB	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	NL0011889605	BASF 60.4TL OPENH	EUR	0,9100	1,0500	0,9100			1,0500					
Certificate	NL0011893516	BASF 62.4TL OPENH	EUR	0,7100	0,8600	0,7100			0,8600					
Certificate	NL0013012164	BASF 62.8TL OPENB	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	NL0011974878	BASF 66.8TL OPENH	EUR											
Certificate	NL0012906978	BASF 78.8TS OPENH	EUR	1,9200	1,9200	1,7800			1,7800					
Certificate	NL0012935621	BASF 81.7TS OPENH	EUR	2,2400	2,2400	2,1000			2,1000					
Certificate	NL0012988737	BASF 83.9TS OPENB	EUR	2,3850	2,3850	2,3850			2,3850					
Certificate	NL0012933196	BASF 83.9TS OPENH	EUR	2,4700	2,4700	2,3300			2,3300					
Certificate	NL0012919609	BASF 85.8TS OPENH	EUR	2,6700	2,6700	2,5400			2,5400					
Certificate	NL0012916969	BASF 87.7TS OPENH	EUR	2,8800	2,8800	2,7500			2,7500					
Certificate	NL0012794887	BASF 88.8TS OPENB	EUR	2,9150	2,9150	2,9150			2,9150					
Certificate	NL0012864532	BASF 89.7TS OPENH	EUR	3,0900	3,0900	2,9600			2,9600					
Certificate	NL0012862312	BASF 91.6TS OPENH	EUR	3,3000	3,3000	3,1600			3,1600					
Certificate	NL0012846992	BASF 93.5TS OPENH	EUR	3,5000	3,5000	3,3700			3,3700					
Certificate	NL0012558225	BASF 94.2TS OPENH	EUR	3,5800	3,5800	3,4400			3,4400					
Certificate	NL0012846984	BASF 99.4TS OPENH	EUR	4,1400	4,1400	4,0100			4,0100					
Certificate	NL0011052469	BASF 100.8TS OPENH	EUR	4,2800	4,2800	4,1500			4,1500					
Certificate	NL0012208326	BASF 110.5TS OPENH	EUR	5,3200	5,3200	5,1900			5,1900					
Certificate	DE000CN6H848	BASF 48.46TL OPENZ	EUR	1,7000	1,8450	1,6900	1267,5000	1	1,8450		750			
Certificate	DE000CR1K455	BASF 53.91TL OPENZ	EUR	1,1600	1,3050	1,1600			1,3050					
Certificate	NL0013011323	BASF 57.16BL OPENB	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000CN6KKN8	BASF 59.82TL OPENZ	EUR	0,5700	0,7250	0,5700			0,7250					
Certificate	NL0013007594	BASF 61.16BL OPENB	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	NL0013003601	BASF 65.17BL OPENB	EUR											
Certificate	DE000CD62428	BASF 65.76TL OPENZ	EUR											
Certificate	NL0013006976	BASF 75.73BS OPENB	EUR	0,9800	0,9850	0,9650	294,0000	1	0,9650		300			
Certificate	NL0012998504	BASF 83.72BS OPENB	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	NL0012998512	BASF 91.69BS OPENB	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	NL0009706761	BASKE2.6325TN0524V	EUR	106,9000	106,9000	106,9000			106,9000					
Certificate	NL0000290328	BASKT PI OPENN	EUR	14,1600	14,2600	14,1600								



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	XS1193698435	BASKT STN0825K	EUR											
Certificate	XS1396707280	BASKT STN0923K	SEK											
Certificate	XS1396707447	BASKT STN0925K	SEK											
Certificate	XS0868034884	BASKT STN1232R	EUR											
Certificate	DE000C3NNE8	BATS 23.43TL OPENZ	EUR	1,3200	1,4200	1,3200			1,4200					
Certificate	DE000CV881F4	BATS 27.46TL OPENZ	EUR	0,8600	0,9600	0,8600			0,9600					
Certificate	DE000C3PF21	BATS 30.95TL OPENZ	EUR	0,4700	0,5700	0,4700			0,5700					
Certificate	NL0011229943	BAYER 122TS OPENH	EUR	6,4500	6,5700	6,4500			6,5700					
Certificate	NL0012911804	BAYER 30.2TL OPENH	EUR	3,9400	3,9400	3,8300			3,8300					
Certificate	NL0012911796	BAYER 36.2TL OPENH	EUR	3,3700	3,4300	3,2700	445,9000	1	3,2700	130				
Certificate	NL0012911788	BAYER 42.3TL OPENH	EUR	2,8100	2,8100	2,7000			2,7000					
Certificate	NL0011713052	BAYER 49.2TL OPENH	EUR	2,2000	2,2000	2,0000	2000,0000	1	2,0900	1000				
Certificate	NL0011413497	BAYER 55.5TL OPENH	EUR	1,5900	1,5900	1,4800			1,4800					
Certificate	NL0012996334	BAYER 62.6TL OPENB	EUR	0,9500	0,9550	0,7950	356,2500	1	0,7950	375				
Certificate	NL0011733381	BAYER 62.6TL OPENH	EUR	0,9300	0,9800	0,6800	5049,0200	5	0,8200	5624				
Certificate	NL0012990071	BAYER 65.7TL OPENB	EUR											
Certificate	NL0011736178	BAYER 66.6TL OPENH	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	NL0012899389	BAYER 68.3TL OPENH	EUR											
Certificate	NL0010374526	BAYER 68.9TL OPENB	EUR											
Certificate	NL0012898365	BAYER 69.3TL OPENH	EUR											
Certificate	NL0012901425	BAYER 71.3TL OPENH	EUR											
Certificate	NL0013001308	BAYER 72.4TL OPENB	EUR											
Certificate	NL0012902159	BAYER 73.3TL OPENH	EUR											
Certificate	NL0013085012	BAYER 76.2TL OPENH	EUR											
Certificate	NL0013015571	BAYER 78.2TS OPENB	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	NL0012901417	BAYER 80.1TS OPENH	EUR	1,8500	1,9600	1,8500			1,9600					
Certificate	NL0012995146	BAYER 82.2TS OPENB	EUR	2,0600	2,2850	2,0600	854,0000	2	2,2850	400				
Certificate	NL0013002959	BAYER 86.4TS OPENB	EUR	2,7350	2,7350	2,7350			2,7350					
Certificate	NL0012923601	BAYER 97.3TS OPENH	EUR	3,7000	3,8100	3,7000			3,8100					
Certificate	NL0012916977	BAYER 99.2TS OPENH	EUR	3,9100	4,0200	3,9100			4,0200					
Certificate	NL0012911697	BAYER101.2TS OPENH	EUR	4,1100	4,2300	4,1100			4,2300					
Certificate	DE000CV50186	BAYER102.6TS OPENZ	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0012911689	BAYER103.2TS OPENH	EUR	4,3300	4,4400	4,3300			4,4400					
Certificate	NL0012911671	BAYER105.1TS OPENH	EUR	4,5400	4,6500	4,5400			4,6500					
Certificate	NL0012911663	BAYER107.1TS OPENH	EUR	4,7500	4,8700	4,7500			4,8700					
Certificate	DE000CE6DT76	BAYER115.5TS OPENZ	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	NL0012522361	BAYER117.3TS OPENH	EUR	5,9400	6,0600	5,9400			6,0600					
Certificate	NL0012911655	BAYER130.9TS OPENH	EUR	7,3100	7,4200	7,3100			7,4200					
Certificate	NL0012911648	BAYER136.9TS OPENH	EUR	7,9500	8,0600	7,9500			8,0600					
Certificate	NL0012911630	BAYER142.8TS OPENH	EUR	8,5900	8,7000	8,5900			8,7000					
Certificate	NL0012911622	BAYER148.8TS OPENH	EUR	9,2300	9,3400	9,2300			9,3400					
Certificate	NL0012911614	BAYER154.8TS OPENH	EUR	9,8700	9,9800	9,8700			9,9800					
Certificate	DE000CN6LK43	BAYER65.59TL OPENZ	EUR	0,2900	0,3000	0,1000	4566,0600	8	0,1100	18384				
Certificate	NL0011406871	BBVA 8TS OPENH	EUR	3,9000	3,9000	3,8200			3,8200					
Certificate	NL0011406905	BBVA 7.45TS OPENH	EUR	3,2800	3,2800	3,2100			3,2100					
Certificate	NL0011406897	BBVA 7.63TS OPENH	EUR	3,4800	3,4800	3,4000			3,4000					
Certificate	NL0011406889	BBVA 7.82TS OPENH	EUR	3,6900	3,6900	3,6100			3,6100					
Certificate	DE000CV8AWD1	BBVA 3.516TL OPENZ	EUR	1,4500	1,5900	1,4500			1,5900					
Certificate	DE000CV89BS0	BBVA 4.023TL OPENZ	EUR	0,9400	1,0800	0,9400			1,0800					
Certificate	DE000CD61TB5	BBVA 4.526TL OPENZ	EUR	0,4500	0,5900	0,4500			0,5900					
Certificate	DE000C3JN1N7	BBVA 5.019TL OPENZ	EUR											
Certificate	DE000C3JN1J2	BCART 6.06TL OPENZ	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000C3JNVH4	BCART 6.96TL OPENZ	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CV4ZMD8	BCART 7.86TL OPENZ	EUR	0,8600	0,8600	0,8350	258,0000	1	0,8350	300				
Certificate	DE000CV4ZMC0	BCART 8.97TL OPENZ	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CV4ZMB2	BCART10.07TL OPENZ	EUR	0,4600	0,4600	0,4100	4151,0500	10	0,4100	10000				
Certificate	DE000C3N8X8	BCART10.97TL OPENZ	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000CE6CSR7	BEFB 35.3TL OPENZ	EUR											
Certificate	DE000CV89FN2	BEFB 31.04TL OPENZ	EUR											
Certificate	DE000CE6C5Q9	BEFB 40.53TL OPENZ	EUR											
Certificate	DE000CE6C4B4	BEFB 45.74TL OPENZ	EUR											
Certificate	NL0013082563	BEIER 92TS OPENH	EUR											
Certificate	NL0013079148	BEIER 96TS OPENH	EUR	0,9800	0,9800	0,8800			0,8800					
Certificate	NL0013079270	BEIER 98TS OPENH	EUR	1,1900	1,1900	1,1000			1,1000					
Certificate	NL0012936140	BEIER 102TS OPENH	EUR	1,6200	1,6200	1,5200			1,5200					
Certificate	NL0012847974	BEIER 105TS OPENH	EUR	1,9400	1,9400	1,8500			1,8500					
Certificate	NL0011417191	BEIER 118.TS OPENH	EUR	3,3300	3,3300	3,2400			3,2400					
Certificate	NL0012864540	BEIER 127.TS OPENH	EUR	4,3000	4,3000	4,2000			4,2000					
Certificate	NL0012897805	BEIER100.3TS OPENH	EUR	1,4400	1,4400	1,3500			1,3500					
Certificate	NL0012580674	BEIER105.1TS OPENH	EUR	1,9500	1,9500	1,8500			1,8500					
Certificate	NL0012555593	BEIER105.7TS OPENH	EUR	2,0200	2,0200	1,9300			1,9300					
Certificate	NL0011417209	BEIER110.5TS OPENH	EUR	2,5300	2,5300	2,4400			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	NL0012847966	BEIER114.9TS OPENH	EUR	3,0000	3,0000	2,9100			2,9100					
Certificate	NL0011054937	BEIER62.03TL OPENH	EUR	3,5400	3,6500	3,5400			3,6500					
Certificate	DE000CR9Q039	BEIER65.72TL OPENZ	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	NL0011713102	BEIER68.12TL OPENH	EUR	2,9700	3,0800	2,9700			3,0800					
Certificate	NL0011417282	BEIER70.26TL OPENH	EUR	2,7700	2,8800	2,7700			2,8800					
Certificate	DE000CR6XYD9	BEIER73.73TL OPENZ	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0011417274	BEIER74.45TL OPENH	EUR	2,3800	2,4900	2,3800			2,4900					
Certificate	NL0012052120	BEIER78.32TL OPENH	EUR	2,0100	2,1200	2,0100			2,1200					
Certificate	NL0012057921	BEIER80.57TL OPENH	EUR	1,8000	1,9100	1,8000			1,9100					
Certificate	NL0012095475	BEIER82.61TL OPENH	EUR	1,6100	1,7200	1,6100			1,7200					
Certificate	DE000CE6BPF3	BEIER82.66TL OPENZ	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0012178842	BEIER84.61TL OPENH	EUR	1,4200	1,5400	1,4200			1,5400					
Certificate	NL0012600910	BEIER87.31TL OPENH	EUR	1,1700	1,2800	1,1700			1,2800					
Certificate	NL0011049853	BEKB 17.4TL OPENH	EUR	0,2400	0,2900	0,2400	1306,0000	2	0,2900	5025				
Certificate	NL0012931109	BEKB 18.6TL OPENH	EUR											
Certificate	NL0013085020	BEKB 20.8TS OPENH	EUR	0,6900	0,6900	0,6500			0,6500					
Certificate	NL0012905012	BEKB 22.8TS OPENH	EUR	0,9400	0,9600	0,8900	240,0000	1	0,8900	250				
Certificate	NL0012936603	BEKB 23.3TS OPENH	EUR	0,9900	0,9900	0,9400			0,9400					
Certificate	NL0012936157	BEKB 23.8TS OPENH	EUR	1,0500	1,0500	1,0000			1,0000					
Certificate	NL0012931059	BEKB 24.3TS OPENH	EUR	1,1100	1,1100	1,0700			1,0700					
Certificate	NL0012933782	BEKB 24.8TS OPENH	EUR	1,1700	1,1700	1,1300			1,1300					
Certificate	NL0012931042	BEKB 25.3TS OPENH	EUR	1,2300	1,2300	1,1800			1,1800					
Certificate	NL0012928345	BEKB 27.8TS OPENH	EUR	1,5200	1,5200	1,4700			1,4700					
Certificate	NL0012925754	BEKB 28.3TS OPENH	EUR	1,5800	1,5800	1,5300			1,5300					
Certificate	NL0012923007	BEKB 28.9TS OPENH	EUR	1,6400	1,6400	1,6000			1,6000					
Certificate	NL0012919625	BEKB 29.3TS OPENH	EUR	1,7000	1,7000	1,6600			1,6600					
Certificate	NL0012914758	BEKB 29.8TS OPENH	EUR	1,7600	1,7600	1,7100			1,7100					
Certificate	NL0012914741	BEKB 30.3TS OPENH	EUR	1,8200	1,8200	1,7700			1,7700					
Certificate	NL0012915433	BEKB 30.8TS OPENH	EUR	1,8800	1,8800	1,8300			1,8300					
Certificate	NL0012911812	BEKB 32.3TS OPENH	EUR	2,0500	2,0500	2,0000			2,0000					
Certificate	NL0012909360	BEKB 34.4TS OPENH	EUR	2,2900	2,2900	2,2400			2,2400					
Certificate	NL0012599989	BEKB 35.4TS OPENH	EUR	2,4100	2,4100	2,3600			2,3600					
Certificate	NL0012590954	BEKB 36.3TS OPENH	EUR	2,5200	2,5200	2,4700			2,4700					
Certificate	NL0012592406	BEKB 37.3TS OPENH	EUR	2,6300	2,6300	2,5900			2,5900					
Certificate	NL0012586424	BEKB 38.3TS OPENH	EUR	2,7500	2,7500	2,7000			2,7000					
Certificate	NL0012374763	BEKB 40.1TS OPENH	EUR	2,9700	2,9700	2,9200			2,9200					
Certificate	NL0012584452	BEKB 41.1TS OPENH	EUR	3,0800	3,0800	3,0400			3,0400					
Certificate	NL0012372296	BEKB 42.1TS OPENH	EUR	3,2100	3,2100	3,1600			3,1600					
Certificate	NL0012372288	BEKB 44.1TS OPENH	EUR	3,4300	3,4300	3,3900			3,3900					
Certificate	NL0011740808	BEKB 47.1TS OPENH	EUR	3,7900	3,7900	3,7400			3,7400					
Certificate	NL0012199632	BEKB 50.2TS OPENH	EUR	4,1600	4,1600	4,1100			4,1100					
Certificate	NL0012197396	BEKB 52.1TS OPENH	EUR	4,3800	4,3800	4,3300			4,3300					
Certificate	NL0012313928	BEKB 57.5TS OPENH	EUR	5,0100	5,0100	4,9600			4,9600					
Certificate	NL0012368054	BEKB 57.6TS OPENH	EUR	5,0200	5,0200	4,9800			4,9800					
Certificate	NL0013011331	BEKB 13.07BL OPENB	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000CJ3N8W0	BEKB 13.34TL OPENZ	EUR	1,0600	1,1400	1,0600	1060,0000	1	1,1400	1000				
Certificate	NL0013006901	BEKB 15.07BL OPENB	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000CV8AY82	BEKB 15.34TL OPENZ	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	NL0012992820	BEKB 17.07BL OPENB	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000CV8A7V9	BEKB 17.54TL OPENZ	EUR											
Certificate	NL0013013295	BEKB 19.07BL OPENB	EUR											
Certificate	NL0013014392	BEKB 19.37BS OPENB	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	NL0012993075	BEKB 23.37BS OPENB	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	NL0012993083	BEKB 27.35BS OPENB	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0006468761	BEL 700TL OPENB	EUR	27,2100	27,2100	27,2100			27,2100					
Certificate	NL0006467441	BEL 790TL OPENB	EUR	26,3200	26,3200	26,3200			26,3200					
Certificate	NL0009998731	BEL 1370TL OPENB	EUR	20,7000	20,7000	20,7000			20,7000					
Certificate	NL0010898466	BEL 2480TL OPENB	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	NL0010898482	BEL 2700TL OPENB	EUR	7,8000	7,8000	7,8000			7,8000					
Certificate	NL0010912051	BEL 2800TL OPENB	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	NL0011648431	BEL 2920TL OPENB	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	NL0011901962	BEL 3030TL OPENB	EUR	4,5300	4,5900	4,5300	1359,0000	1	4,5900	300				
Certificate	NL0011909189	BEL 3140TL OPENB	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	NL0012030019	BEL 3240TL OPENB	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0012100739	BEL 3340TL OPENB	EUR	1,6300	1,6400	1,5100	5218,0000	2	1,5100	3200				
Certificate	NL0012116297	BEL 3450TL OPENB	EUR											
Certificate	NL0012499214	BEL 4090TS OPENB	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	NL0012499909	BEL 4190TS OPENB	EUR	9,2300	9,2300	9,2300			9,2300					
Certificate	NL0009064757	BEL20 170TL OPENB	EUR	32,3800	32,3800	32,3800			32,3800					
Certificate	NL0009070978	BEL20 1130TL OPENB	EUR	23,0200	23,0200	23,0200			23,0200					
Certificate	NL0009172469	BEL20 1250TL OPENB	EUR	21,8300	21,8300	21,8300			21,8300					
Certificate	NL0010047973	BEL20 1480TL OPENB	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	NL0010126512	BEL20 1590TL OPENB	EUR	18,5400	18,5400	18,5400			18,5400					
Certificate	NL0010254058	BEL20 1930TL OPENB	EUR	15,2300	15,2300	15,2300			15,2300					
Certificate	NL0010281499	BEL20 2030TL OPENB	EUR	14,2400	14,2400	14,2400			14,2400					
Certificate	NL0010514667	BEL20 2250TL OPENB	EUR	12,1400	12,1400	12,1400			12,1400					
Certificate	NL0010148698	BEL20 2320TL OPENA	EUR											
Certificate	NL0011036686	BEL20 2350TL OPENH	EUR	11,0700	11,2500	11,0700			11,2500					
Certificate	NL0011231840	BEL20 2470TL OPENH	EUR	9,9200	10,1000	9,9200			10,1000					
Certificate	NL0011054713	BEL20 2470TL OPENH	EUR	9,9000	10,0700	9,9000			10,0700					
Certificate	NL0010606828	BEL20 2480TL OPENB	EUR	9,9000	9,9300	9,9000	158,4000	1	9,9300	16				
Certificate	DE000CV87T63	BEL20 2521TL OPENZ	EUR	1,7900	1,7900	1,7300			1,7300					
Certificate	NL0011036678	BEL20 2560TL OPENH	EUR	9,0000	9,1800	9,0000			9,1800					
Certificate	NL0011036660	BEL20 2780TL OPENH	EUR	6,9000	7,1000	6,9000			7,1000					
Certificate	NL0011036652	BEL20 2890TL OPENH	EUR	5,8900	6,1500	5,8900	399,7500	1	6,0700	65				
Certificate	DE000CE6DJ1	BEL20 2926TL OPENZ	EUR	0,9800	0,9800	0,9200			0,9200					
Certificate	DE000CE6VU4	BEL20 3025TL OPENZ	EUR	0,7900	0,7900	0,7300			0,7300					
Certificate	DE000CE6DJK2	BEL20 3125TL OPENZ	EUR	0,5900	0,5900	0,5300			0,5300					
Certificate	DE000CE6EVT6	BEL20 3224TL OPENZ	EUR	0,3900	0,3900	0,3300			0,3300					
Certificate	DE000CE6DJL0	BEL20 3325TL OPENZ	EUR	0,1900	0,2000	0,1300	9383,7500	5	0,1300	52125				
Certificate	DE000CE6EVS8	BEL20 3424TL OPENZ	EUR	0,0205	0,0205	0,0205			0,0205					
Certificate	NL0013015241	BEL20 3580TS OPENB	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	NL0013009392	BEL20 3680TS OPENB	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000CV88950	BEL20 3775TS OPENZ	EUR	0,7300	0,7900	0,7300			0,7900					
Certificate	NL0012995039	BEL20 3790TS OPENB	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	NL0012684161	BEL20 3890TS OPENB	EUR	6,2300	6,2300	6,1100	467,2500	1	6,1900	75				
Certificate	DE000CE6DJQ9	BEL20 3973TS OPENZ	EUR	1,1300	1,1900	1,1300			1,1900					
Certificate	NL0011591417	BEL20 4090TS OPENH	EUR	8,5800	8,5800	8,3600			8,3600					
Certificate	DE000CE6EUV2	BEL20 4093TS OPENZ	EUR	1,3700	1,4300	1,3700			1,4300					
Certificate	DE000CE6DJR7	BEL20 4261TS OPENZ	EUR	1,7100	1,7700	1,7100			1,7700					
Certificate	NL0012679740	BEL20 4380TS OPENB	EUR	11,2200	11,2200	11,2200			11,2200					
Certificate	DE000CE6EUV0	BEL20 4381TS OPENZ	EUR	1,9500	2,0100	1,9500			2,0100					
Certificate	DE000CE6DJ55	BEL20 4549TS OPENZ	EUR	2,2800	2,3400	2,2800			2,3400					
Certificate	DE000CE6E8Q1	BEL20 4747TS OPENZ	EUR	2,6800	2,7400	2,6800			2,7400					
Certificate	DE000CV4ZC00	BEL20 4864TS OPENZ	EUR	2,9100	2,9700	2,9100			2,9700					
Certificate	DE000CV8ACK8	BERKS 165TL 1218Z	EUR	1,6050	1,6750	1,6050			1,6750					
Certificate	DE000CV8ACL6	BERKS 175TL 1218Z	EUR	1,1650	1,2350	1,1650			1,2350					
Certificate	DE000CV8ACM4	BERKS 185TL 1218Z	EUR	0,7350	0,8050	0,7350			0,8050					
Certificate	DE000CV8ARP5	BERKS 195TL 1218Z	EUR	0,2950	0,3650	0,2950			0,3650					
Certificate	NL0011806781	BERKS 106.TL OPENB	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	NL0011658216	BERKS 146.TL OPENB	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	NL0009070663	BERKS#####TL OPENB	EUR	17,9100	17,9100	17,9100			17,9100					
Certificate	NL0010377180	BERKS#####TL OPENB	EUR	11,8500	11,8500	11,8500			11,8500					
Certificate	NL0010281622	BERKS#####TL OPENB	EUR	13,6700	13,6700	13,6700			13,6700					
Certificate	NL0010126488	BERKS#####TL OPENB	EUR	14,6500	14,6500	14,6500			14,6500					
Certificate	NL0010286423	BERKS#####TL OPENB	EUR	12,8900	12,8900	12,8900			12,8900					
Certificate	NL0009991884	BERKS#####TL OPENB	EUR	15,7600	15,7600	15,7600			15,7600					
Certificate	NL00099332956	BERKS#####TL OPENB	EUR	16,7200	16,7200	16,7200			16,7200					
Certificate	NL0010653267	BERKS#####TL OPENB	EUR	10,2600	10,2600	10,2600			10,2600					
Certificate	DE000CV89YT0	BERKS#####TL OPENZ	EUR	2,0450	2,1450	2,0450			2,1450					
Certificate	DE000CN6JUK5	BERKS#####TL OPENZ	EUR	7,3200	7,4400	7,3200			7,4400					
Certificate	DE000CR9Q0E9	BERKS#####TL OPENZ	EUR	9,5300	9,6700	9,5300			9,6700					
Certificate	DE000CV89WW8	BERKS#####TL OPENZ	EUR	7,2500	7,3800	7,2500			7,3800					
Certificate	DE000CV89NS5	BERKS#####TL OPENZ	EUR	3,3550	3,4650	3,3550			3,4650					
Certificate	DE000CV89NR7	BERKS#####TL OPENZ	EUR	4,6750	4,7950	4,6750			4,7950					
Certificate	DE000CV89WX6	BERKS#####TL OPENZ	EUR	9,9000	10,0400	9,9000			10,0400					
Certificate	DE000CV89NQ9	BERKS#####TL OPENZ	EUR	5,9800	6,1100	5,9800	603,0000	1	6,1100	100				
Certificate	DE000CV8A6E7	BERKS#####TL OPENZ	EUR	0,7250	0,8250	0,7250			0,8250					
Certificate	DE000CR1K5T0	BERKS#####TL OPENZ	EUR	8,7500	8,8900	8,7500			8,8900					
Certificate	DE000CR9QCH4	BERKS#####TL OPENZ	EUR	8,0100	8,1400	8,0100			8,1400					
Certificate	DE000CV8A609	BERKS#####TS OPENZ	EUR	7,8100	7,8100	7,7400			7,7400					
Certificate	DE000CV8BCE9	BERKS#####TS OPENZ	EUR	10,4400	10,4400	10,3800			10,3800					
Certificate	DE000CV89QQ2	BERKS#####TS OPENZ	EUR	5,1600	5,1600	5,0800			5,0800					
Certificate	DE000CV89BF7	BERKS122.2TL OPENZ	EUR											
Certificate	NL0011652953	BERKS132.6TL OPENB	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	NL0012023634	BERKS134.7BL OPENB	EUR	5,9600	5,9600	5,9600			5,9600					
Certificate	NL0011652961	BERKS139.1TL OPENB	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	DE000CV899A7	BERKS239.3TS OPENZ	EUR	1,7350	1,7350	1,6750			1,6750					
Certificate	NL0006476996	BERKS68721TL OPENB	EUR	20,8000	20,8000	20,8000			20,8000					
Certificate	NL0000375046	BERKS85950TL OPENB	EUR	19,3500	19,3500	19,3500			19,3500					
Certificate	NL0011431184	BESI 1.64TL OPENB	EUR	31,1600	31,1600	31,1600			31,1600					
Certificate	DE000CJ3PHR7	BESI 18.6TS OPENZ	EUR	0,1750	0,1750	0,1750			0,1750					
Certificate	NL0013004930	BESI 19.7TS OPENB	EUR	6,5400	6,5400	4,2400	1111,8000	1	4,2400	170				
Certificate	NL0011434253	BESI 2.29TL OPENB	EUR	29,9400	29,9400	29,9400			29,9400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CR9SHV0	BESI 2.63TL OPENZ	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	LU1841119933	BESI 20.5TPIOPENS	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	DE000CV8AHB6	BESI 20.6TS OPENZ	EUR	0,6200	0,6200	0,3600	2525,0000			0,3650		4125		
Certificate	NL0012796585	BESI 22.58OC09192	EUR	14,3300	17,2700	14,3300	4870,7400	5	17,2700			334		
Certificate	NL0012796593	BESI 23.58OC12192	EUR	16,8100	17,0900	16,8100	1681,0000	1	17,0900			100		
Certificate	DE000CR9RQ23	BESI 3.13TL OPENZ	EUR	2,7900	2,7900					2,7900				
Certificate	NL0011441613	BESI 3.87TL OPENB	EUR	27,0000	27,0000	27,0000				27,0000				
Certificate	NL0011909296	BESI 9.07TL OPENB	EUR	17,2300	17,3400	17,2300	861,5000	1	17,3400			50		
Certificate	NL0011910245	BESI 9.58TL OPENB	EUR	16,4700	16,4700	16,3800	329,4000	1	16,3800			20		
Certificate	NL0011915137	BESI 10.09TL OPENB	EUR	11,0300	15,4400	11,0300	30419,5000	7	15,4400			2250		
Certificate	DE000CJ3N6Y0	BESI 11.79TL OPENZ	EUR	0,3800	0,6050	0,3800	1720,0000	3	0,6050			3500		
Certificate	NL0012034086	BESI 12.13TL OPENB	EUR	7,2100	11,6200	6,4000	8884,1500	10	11,6200			1025		
Certificate	DE000CV8ADT7	BESI 12.25TL OPENZ	EUR	0,2500	0,5000	0,2500	8646,5000	10	0,4850			24801		
Certificate	NL0012104541	BESI 13.14TL OPENB	EUR	5,3500	9,7600	4,8800	104934,1000	29	9,7600			12260		
Certificate	DE000CV8AGK9	BESI 13.79TL OPENZ	EUR	0,1700	0,4150	0,1700	4363,5000	5	0,4150			15250		
Certificate	DE000CV89P16	BESI 14.25TL OPENZ	EUR	0,0500	0,2850	0,0500	30379,1500	13	0,2850			231330		
Certificate	NL0012116040	BESI 14.67TL OPENB	EUR											
Certificate	LU1841120519	BESI 14.91TCIOPENS	EUR											
Certificate	DE000CV8AYP1	BESI 15.24TL OPENZ	EUR											
Certificate	NL0012120539	BESI 15.68TL OPENB	EUR											
Certificate	DE000CJ3N8V2	BESI 15.79TL OPENZ	EUR											
Certificate	DE000CJ3N8G3	BESI 16.23TL OPENZ	EUR											
Certificate	LU1859832005	BESI 16.55TCIOPENS	EUR											
Certificate	LU1841120600	BESI 16.78TCIOPENS	EUR											
Certificate	DE000CJ3PC08	BESI 17.23TL OPENZ	EUR											
Certificate	LU1841152710	BESI 17.43TCIOPENS	EUR											
Certificate	LU1841120782	BESI 17.71TCIOPENS	EUR											
Certificate	LU1859830488	BESI 18.17TPIOPENS	EUR	1,5400	1,5400	1,5400				1,5400				
Certificate	NL0013013659	BESI 18.18TL OPENB	EUR											
Certificate	DE000CJ3N2T9	BESI 18.61TS OPENZ	EUR											
Certificate	LU1841119859	BESI 19.57TPIOPENS	EUR	3,2900	3,2900	2,9300	65,8000	1	2,9300			20		
Certificate	NL0012984629	BESI 22.19TS OPENB	EUR	6,9700	6,9700	6,9200	1254,6000	1	6,9200			180		
Certificate	LU1841120196	BESI 22.37TPIOPENS	EUR	5,7500	5,7500	5,7500				5,7500				
Certificate	DE000CV8ADU5	BESI 22.59TS OPENZ	EUR	0,5650	0,5650	0,5650				0,5650				
Certificate	DE000CV89Q23	BESI 24.59TS OPENZ	EUR	0,7650	0,7650	0,7650				0,7650				
Certificate	DE000CV89MV1	BESI 26.58TS OPENZ	EUR	0,9650	0,9650	0,9650				0,9650				
Certificate	NL0012699045	BESI 44.37TS OPENB	EUR	61,7800	61,7800	61,7800				61,7800				
Certificate	DE000CN6KUL1	BESI 9.294TL OPENZ	EUR	1,0700	1,5600	1,0700	15843,3000	11		1,5600		13165		
Certificate	DE000CE6E5U9	BFIT 16.2TL OPENZ	EUR	10,3050	10,3050	10,3050				10,3050				
Certificate	NL0012976963	BFIT 34.1TS OPENB	EUR	12,4500	12,4500	12,4500				12,4500				
Certificate	NL0013001910	BFIT 36.1TS OPENB	EUR	14,6700	14,6700	14,6700				14,6700				
Certificate	NL0011904636	BFIT 12.47TL OPENB	EUR	14,1000	14,1000	14,1000				14,1000				
Certificate	NL0011911359	BFIT 14.55TL OPENB	EUR	12,2100	12,2100	12,2100				12,2100				
Certificate	DE000CE6EXL9	BFIT 18.37TL OPENZ	EUR	8,2750	8,2750	8,2750				8,2750				
Certificate	NL0012500334	BFIT 18.57TL OPENB	EUR	8,5400	8,5400	8,5400				8,5400				
Certificate	NL0012511364	BFIT 19.58TL OPENB	EUR	7,6200	7,6200	7,6200				7,6200				
Certificate	NL0012684906	BFIT 20.59TL OPENB	EUR	6,7100	6,7100	6,7100				6,7100				
Certificate	DE000CV502Y7	BFIT 21.03TL OPENZ	EUR	5,7950	5,7950	5,7950				5,7950				
Certificate	NL0012774269	BFIT 21.58TL OPENB	EUR	5,3600	5,8100	5,3600	428,8000	1		5,8100		80		
Certificate	DE000CV886X6	BFIT 23.15TL OPENZ	EUR	3,8150	3,8150	3,8150				3,8150				
Certificate	NL0012785737	BFIT 23.58TL OPENB	EUR	3,9900	3,9900	3,9900				3,9900				
Certificate	NL0012788707	BFIT 24.58TL OPENB	EUR	3,0800	3,0800	3,0800				3,0800				
Certificate	NL0012793350	BFIT 25.58TL OPENB	EUR											
Certificate	NL0013014194	BFIT 28.13TS OPENB	EUR	5,8300	5,8300	5,8300				5,8300				
Certificate	NL0013005556	BFIT 30.13TS OPENB	EUR	8,0400	8,0400	8,0400				8,0400				
Certificate	NL0013002942	BFIT 32.13TS OPENB	EUR	10,2600	10,2600	10,2600				10,2600				
Certificate	DE000CE6C4N9	BHPBP 9.93TL OPENZ	EUR	0,5350	0,5950	0,5350				0,5950				
Certificate	DE000CE6DTS4	BHPBP10.93TL OPENZ	EUR	0,8400	0,9600	0,8400				0,9600				
Certificate	DE000CE6DYY2	BHPBP11.94TL OPENZ	EUR	0,6100	0,7300	0,6100				0,7300				
Certificate	DE000CV87W92	BHPBP12.94TL OPENZ	EUR	0,3900	0,5100	0,3900				0,5100				
Certificate	DE000CJ3NND0	BHPBP14.43TL OPENZ	EUR	0,0540	0,1800	0,0540				0,1800				
Certificate	DE000CE6C808	BHPBP8.895TL OPENZ	EUR	0,6450	0,7050	0,6450				0,7050				
Certificate	DE000CJ3N5F1	BIC 47.72TL OPENZ	EUR	1,7500	1,7500	1,7500				1,7500				
Certificate	DE000CV88152	BIC 55.77TL OPENZ	EUR	1,3400	1,3500	1,3400				1,3500				
Certificate	DE000CE6F629	BIC 65.78TL OPENZ	EUR	0,8500	0,8500	0,8500				0,8500				
Certificate	NL0013081615	BIDU 160TL OPENH	EUR	0,2900	0,3300	0,2900				0,3300				
Certificate	NL0012907547	BIDU 175TL OPENH	EUR	0,1600	0,2000	0,1600				0,2000				
Certificate	NL0013080021	BIDU 185TL OPENH	EUR											
Certificate	NL0013087299	BIDU 190TL OPENH	EUR											
Certificate	NL0013082571	BIDU 192TL OPENH	EUR											
Certificate	NL0013083058	BIDU 198TL OPENH	EUR											
Certificate	NL0013086085	BIDU 198TS OPENH	EUR	0,2000	0,2000	0,1600				0,1600				



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	NL0013086077	BIDU 204TS OPENH	EUR	0,2600	0,2600	0,2200			0,2200					
Certificate	NL0013079163	BIDU 210TS OPENH	EUR	0,3100	0,3100	0,2700			0,2700					
Certificate	NL0013079155	BIDU 214TS OPENH	EUR	0,3500	0,3500	0,3100			0,3100					
Certificate	NL0012907844	BIDU 220TS OPENH	EUR	0,4100	0,4100	0,3700			0,3700					
Certificate	NL0012907489	BIDU 224TS OPENH	EUR	0,4400	0,4400	0,4000			0,4000					
Certificate	NL0012907471	BIDU 228TS OPENH	EUR	0,4800	0,4800	0,4400			0,4400					
Certificate	NL0012907463	BIDU 260TS OPENH	EUR	0,7700	0,7700	0,7400			0,7400					
Certificate	DE000CN6JPH1	BIDU 126.9TL OPENZ	EUR	5,1350	5,5800	5,1350			5,5800					
Certificate	DE000CN6J8Y1	BIDU 139.2TL OPENZ	EUR	4,0750	4,5100	4,0750			4,5100					
Certificate	DE000CR9RZH3	BIDU 152.5TL OPENZ	EUR	2,9150	3,3400	2,9150			3,3400					
Certificate	DE000CN6JUI7	BIDU 164.7TL OPENZ	EUR	1,8850	2,3000	1,8850			2,3000					
Certificate	DE000CE6CK76	BIDU 185.2TL OPENZ	EUR											
Certificate	NL0012934962	BIDU 235.6TS OPENH	EUR	0,5700	0,5700	0,5300			0,5300					
Certificate	DE000CJ3PGJ6	BIIB0228.9TL OPENZ	EUR	1,5600	1,5600	1,4550			1,4550					
Certificate	DE000CV8AG50	BIIB0268.9TL OPENZ	EUR	0,9000	0,9000	0,7950			0,7950					
Certificate	DE000CV8AG68	BIIB0322.2TL OPENZ	EUR											
Certificate	NL0010175568	BINCK 3.1TL OPENB	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	NL0012492250	BINCK 3.4TL OPENB	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	NL0011900436	BINCK 3.5TL OPENB	EUR	1,0600	1,1950	1,0600	2321,2500	2	1,1950	2175				
Certificate	NL0012511885	BINCK 3.7TL OPENB	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	NL0013015340	BINCK 3.8TL OPENB	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0012794762	BINCK 4.2TL OPENB	EUR											
Certificate	NL0013011711	BINCK 4.3TL OPENB	EUR											
Certificate	NL0013015589	BINCK 4.3TS OPENB	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	NL0013011729	BINCK 4.4TL OPENB	EUR											
Certificate	NL0013012743	BINCK 4.5TL OPENB	EUR											
Certificate	NL0013015597	BINCK 4.6TS OPENB	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	NL0013014533	BINCK 4.8TS OPENB	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	NL0013010994	BINCK 5.1TS OPENB	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	NL0013007321	BINCK 5.2TS OPENB	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	NL0012995807	BINCK 5.6TS OPENB	EUR	2,0450	2,0450	2,0450			2,0450					
Certificate	NL0012986715	BINCK 5.9TS OPENB	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	NL0012986723	BINCK 6.1TS OPENB	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	DE000CD61ZY4	BINCK 3.04TL OPENZ	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0013014772	BINCK 3.09BL OPENB	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	DE000CD61EG6	BINCK 3.36TL OPENZ	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CN6JQT4	BINCK 3.73TL OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CN6JR40	BINCK 3.87TL OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0013014947	BINCK 4.388S OPENB	EUR	0,2150	0,2150	0,2150			0,2150					
Certificate	DE000CN6JDD6	BINCK 5.85TS OPENZ	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0011900048	BINCK2.807BL OPENB	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	NL0011804935	BINCK3.338BL OPENB	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	DE000CD61C07	BINCK3.516TL OPENZ	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0011648282	BINCK3.605BL OPENB	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	NL0012512081	BINCK3.861BL OPENB	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	NL0012688154	BINCK4.116BL OPENB	EUR											
Certificate	NL0012976070	BINCK4.619BL OPENB	EUR											
Certificate	NL0013010630	BINCK4.874BS OPENB	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	NL0013004435	BINCK5.373BS OPENB	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	NL0012776991	BINCK5.872BS OPENB	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	NL0012983183	BINCK6.367BS OPENB	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	NL0012986574	BINCK6.864BS OPENB	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	DE000CR9QY99	BINCK8.187TS OPENZ	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	DE000CV8ANS8	BION 56.TL OPENZ	EUR											
Certificate	DE000CN6KYB4	BION 34.87TL OPENZ	EUR											
Certificate	DE000CD61YA7	BION 39.43TL OPENZ	EUR											
Certificate	DE000CD63PM6	BION 45.03TL OPENZ	EUR											
Certificate	DE000CE6DP62	BION 51.11TL OPENZ	EUR											
Certificate	NL0010254165	BKAMC 9.2TL OPENB	EUR	16,3500	16,3500	16,3500			16,3500					
Certificate	NL0009991660	BKAMC 3.83TL OPENB	EUR	20,4500	20,4500	20,4500			20,4500					
Certificate	NL0011992805	BKAMC16.59TL OPENH	EUR	9,7200	10,1100	9,7200			10,1100					
Certificate	NL0011995311	BKAMC20.85TS OPENH	EUR											
Certificate	NL0010047213	BKNG 595TL OPENB	EUR	109,1300	109,1300	109,1300			109,1300					
Certificate	NL0010250387	BKNG 654TL OPENB	EUR	104,2600	104,2600	104,2600			104,2600					
Certificate	DE000CJ3NSM7	BKNG 1076TL OPENZ	EUR	6,0500	6,3100	6,0500			6,3100					
Certificate	NL0011905328	BKNG 1344TL OPENB	EUR	47,8800	47,8800	47,8800			47,8800					
Certificate	DE000CV8AXW9	BKNG 1428TL OPENZ	EUR	2,9900	3,2350	2,9900			3,2350					
Certificate	DE000CV89U19	BKNG 1630TL OPENZ	EUR	1,2500	1,4950	1,2500			1,4950					
Certificate	DE000CE6F1D3	BKSCT 2.27TL OPENZ	EUR	0,0580	0,0580	0,0580			0,0580					
Certificate	DE000CV89NV9	BKSCT1.662TL OPENZ	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	DE000CV87UH7	BKSCT1.864TL OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CV87R65	BKSCT2.066TL OPENZ	EUR	0,2650	0,2650	0,2650			0,2650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV509F1	BLNDL 4.95TL OPENZ	EUR	0,4450	0,5050	0,4450			0,5050					
Certificate	DE000CJ3NL66	BLNDL3.944TL OPENZ	EUR	1,0150	1,0650	1,0150			1,0650					
Certificate	NL0009434612	BMW 32TL OPENB	EUR	44,8000	44,8000	44,8000			44,8000					
Certificate	DE000CX0K421	BMW 60TL OPENC	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	DE000CX0KM80	BMW 60TL OPENC	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0011896493	BMW 62TL OPENH	EUR	1,4700	1,6700	1,4700			1,6700					
Certificate	DE000CX59CM0	BMW 70TL OPENC	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CX591B6	BMW 70TL OPENC	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	NL0013015605	BMW 77TS OPENB	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	DE000CY51EH1	BMW 80TL OPENC	EUR											
Certificate	DE000CY51DT8	BMW 80TL OPENC	EUR											
Certificate	NL0012909386	BMW 88TS OPENH	EUR	2,2000	2,2000	2,0200			2,0200					
Certificate	NL0012864557	BMW 90TS OPENH	EUR	2,4100	2,4100	2,2300			2,2300					
Certificate	DE000CQ5A2E9	BMW 100TS OPENC	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	DE000CY504F9	BMW 100TS OPENC	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	DE000CY52NJ6	BMW 110TS OPENC	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	NL0009490937	BMW 22.8TL OPENB	EUR	53,3700	53,3700	53,3700			53,3700					
Certificate	NL0011241054	BMW 34.8TL OPENH	EUR	4,0100	4,2100	4,0100			4,2100					
Certificate	NL0010044434	BMW 39.1TL OPENB	EUR	38,2500	38,2500	38,2500			38,2500					
Certificate	NL0011410238	BMW 43.2TL OPENH	EUR	3,2100	3,4200	3,2100			3,4200					
Certificate	NL0010224580	BMW 43.8TL OPENB	EUR	33,8000	33,8000	33,8000			33,8000					
Certificate	NL0010254694	BMW 49.2TL OPENB	EUR	28,8300	28,8300	28,8300			28,8300					
Certificate	NL0011241047	BMW 51.7TL OPENH	EUR	2,4300	2,6300	2,4300			2,6300					
Certificate	NL0011742606	BMW 56.5TL OPENH	EUR	1,9700	2,1800	1,9700			2,1800					
Certificate	NL0010444493	BMW 57.4TL OPENB	EUR	21,1300	21,1300	21,1300			21,1300					
Certificate	NL0011906367	BMW 60.7TL OPENB	EUR	18,0900	18,0900	18,0900			18,0900					
Certificate	NL0011927702	BMW 66.1TL OPENH	EUR	1,0800	1,2800	1,0800			1,2800					
Certificate	NL0012020747	BMW 67.7TL OPENB	EUR	11,6000	11,6000	11,6000			11,6000					
Certificate	NL0011993662	BMW 69.1TL OPENH	EUR	0,8000	1,0000	0,8000			1,0000					
Certificate	NL0011995345	BMW 71.2TL OPENH	EUR	0,6100	0,8100	0,6100			0,8100					
Certificate	NL0012031264	BMW 71.5TL OPENB	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	NL0011995709	BMW 73.2TL OPENH	EUR											
Certificate	NL0013085335	BMW 77.2TS OPENH	EUR	1,0500	1,0500	0,8600			0,8600					
Certificate	NL0013005911	BMW 80.9TS OPENB	EUR	12,9400	12,9400	12,9400			12,9400					
Certificate	NL0012906234	BMW 83.5TS OPENH	EUR	1,7100	1,7100	1,5300			1,5300					
Certificate	NL0013002512	BMW 84.9TS OPENB	EUR	17,2900	17,2900	17,2900			17,2900					
Certificate	NL0012970677	BMW 89.2TS OPENB	EUR	21,8900	21,8900	21,8900			21,8900					
Certificate	NL0012604649	BMW 91.3TS OPENH	EUR	2,5500	2,5500	2,3800			2,3800					
Certificate	NL0012025381	BMW 92.4BS OPENB	EUR	18,5300	18,5300	18,5300			18,5300					
Certificate	NL0012245138	BMW 93.1TS OPENH	EUR	2,7400	2,7400	2,5600			2,5600					
Certificate	NL001269698	BMW 93.7TS OPENB	EUR	26,7200	26,7200	26,7200			26,7200					
Certificate	NL0011235072	BMW 96.2TS OPENH	EUR	3,0800	3,0800	2,9000			2,9000					
Certificate	DE000CF6FB22	BMW 100.1TS OPENZ	EUR	5,5600	5,5600	5,1400			5,1400					
Certificate	NL0012558233	BMW 102.3TS OPENH	EUR	3,7300	3,7300	3,5600			3,5600					
Certificate	NL0012039234	BMW 102.4BS OPENB	EUR	28,4900	28,4900	28,4900			28,4900					
Certificate	NL0011041991	BMW 103.5TS OPENH	EUR	3,8800	3,8800	3,6800			3,6800					
Certificate	DE000CV88AH7	BMW 110.1TS OPENZ	EUR	7,5500	7,5500	7,1300			7,1300					
Certificate	NL0013000466	BMW 112.6BS OPENB	EUR	38,7200	38,7200	38,7200			38,7200					
Certificate	NL0012555619	BMW 114.1TS OPENC	EUR	5,0000	5,0000	4,8200			4,8200					
Certificate	DE000CN6JGM0	BMW 51.87TL OPENZ	EUR	20,5750	22,6350	20,5750			22,6350					
Certificate	DE000CN6HSG1	BMW 56.86TL OPENZ	EUR	15,6150	17,6650	15,6150			17,6650					
Certificate	NL0013008659	BMW 59.98BL OPENB	EUR	15,2400	15,2400	15,2400			15,2400					
Certificate	DE000CR9RQ56	BMW 62.16TL OPENZ	EUR	10,3500	12,3900	10,3500			12,3900					
Certificate	NL0013003619	BMW 62.96BL OPENB	EUR	12,2500	12,2500	12,2500			12,2500					
Certificate	NL0011907399	BMW 66.11BL OPENB	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	DE000CD62502	BMW 67.13TL OPENZ	EUR	5,4600	7,4800	5,4600			7,4800					
Certificate	NL0012020572	BMW 69.77BL OPENB	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000CD63LH5	BMW 73.08TL OPENZ	EUR											
Certificate	NL0013011984	BMW 73.25BL OPENB	EUR											
Certificate	NL0013014954	BMW 76.36BS OPENB	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	NL0013008964	BMW 76.38BS OPENB	EUR											
Certificate	NL0013002181	BMW 83.99BS OPENB	EUR	10,1200	10,1200	10,1200			10,1200					
Certificate	DE000CP067T9	BNP 40TL OPENC	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CX592T6	BNP 42TL OPENC	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CX59FW2	BNP 45TL OPENC	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CX59PA7	BNP 45TL OPENC	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CP062C6	BNP 45TL OPENC	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012026447	BNP 46TL OPENB	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	DE000CX59K80	BNP 50TL OPENC	EUR											
Certificate	DE000CX59PB5	BNP 50TL OPENC	EUR											
Certificate	DE000CY16JB6	BNP 55TL OPENC	EUR											
Certificate	DE000CY16AH2	BNP 55TL 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	DE000CP060B2	BNP 55TS OPENC	EUR											
Certificate	DE000CP062D4	BNP 55TS OPENC	EUR											
Certificate	DE000CP06NV5	BNP 55TS OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CP06ZL0	BNP 55TS OPENC	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CY52BB8	BNP 65TS OPENC	EUR											
Certificate	DE000CQ5A7F5	BNP 65TS OPENC	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000CQ5A594	BNP 65TS OPENC	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CY528S1	BNP 65TS OPENC	EUR											
Certificate	DE000CY502K3	BNP 75TS OPENC	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000CY0AKS8	BNP 75TS OPENC	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	DE000CY0ALH9	BNP 75TS OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CY500F7	BNP 75TS OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CY50EL5	BNP 80TS OPENC	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	DE000CY50LW7	BNP 80TS OPENC	EUR											
Certificate	NL0009897198	BNP 11.8TL OPENB	EUR	36,5800	36,5800	36,5800			36,5800					
Certificate	NL0010379582	BNP 30.3TL OPENB	EUR	19,7400	19,7400	19,7400			19,7400					
Certificate	DE000CV898T8	BNP 36.2TL OPENZ	EUR	1,9950	2,1950	1,9950			2,1950					
Certificate	NL0012021521	BNP 40.8TL OPENB	EUR	10,1700	10,1700	10,1700			10,1700					
Certificate	NL0012030407	BNP 48.6TL OPENB	EUR											
Certificate	NL0013015613	BNP 50.4TS OPENB	EUR	8,7700	8,7700	8,7700			8,7700					
Certificate	NL0012988745	BNP 55.4TS OPENB	EUR	14,3600	14,3600	14,3600			14,3600					
Certificate	NL0012793459	BNP 60.3TS OPENB	EUR	19,7800	19,7800	19,7800			19,7800					
Certificate	NL0012374078	BNP 90.7TS OPENH	EUR	54,2400	54,2400	53,6100			53,6100					
Certificate	NL0011412978	BNP 17.54TL OPENH	EUR	30,4900	31,1300	30,4900			31,1300					
Certificate	NL0011412960	BNP 25.94TL OPENH	EUR	22,8500	23,4900	22,8500			23,4900					
Certificate	DE000CJ3PH55	BNP 31.19TL OPENZ	EUR	2,9950	3,1950	2,9950			3,1950					
Certificate	NL0012056618	BNP 35.64TL OPENH	EUR	14,0200	14,6600	14,0200			14,6600					
Certificate	NL0013013790	BNP 41.04BL OPENB	EUR	6,6150	6,6150	6,6150			6,6150					
Certificate	DE000CD62T72	BNP 41.27TL OPENZ	EUR	4,9750	5,9600	4,9750			5,9600					
Certificate	NL0011979968	BNP 42.45TL OPENH	EUR	7,8300	8,4700	7,8300			8,4700					
Certificate	NL0013011349	BNP 43.05BL OPENB	EUR	4,6050	4,6050	4,6050			4,6050					
Certificate	NL0012990378	BNP 45.05BL OPENB	EUR	2,6050	2,6050	2,6050			2,6050					
Certificate	DE000CD63C13	BNP 46.23TL OPENZ	EUR											
Certificate	NL0012975148	BNP 47.07BL OPENB	EUR											
Certificate	NL0011993670	BNP 48.52TL OPENH	EUR											
Certificate	NL0012105860	BNP 49.07BL OPENB	EUR											
Certificate	NL0013086093	BNP 49.64TS OPENH	EUR	8,7600	8,7600	8,1300			8,1300					
Certificate	NL0013011414	BNP 51.08BS OPENB	EUR	4,2550	4,2550	4,2550			4,2550					
Certificate	NL0013003684	BNP 54.07BS OPENB	EUR	7,2450	7,2450	7,2450			7,2450					
Certificate	NL0012794267	BNP 57.06BS OPENB	EUR	10,2350	10,2350	10,2350			10,2350					
Certificate	NL0012909394	BNP 57.29TS OPENH	EUR	17,1800	17,1800	16,5500	1164,1000	1	16,5500	70				
Certificate	NL0012786974	BNP 60.01BS OPENB	EUR	13,1850	13,1850	13,1850			13,1850					
Certificate	NL0012591671	BNP 61.26TS OPENH	EUR	21,5700	21,5700	20,9500			20,9500					
Certificate	NL0011412846	BNP 67.38TS OPENH	EUR	28,3700	28,3700	27,7400			27,7400					
Certificate	NL0012243281	BNP 71.44TS OPENH	EUR	32,8900	32,8900	32,2400			32,2400					
Certificate	NL0012437842	BNP 71.81TS OPENH	EUR	33,2800	33,2800	32,6600			32,6600					
Certificate	NL0012558258	BNP 75.85TS OPENH	EUR	37,7600	37,7600	37,1300			37,1300					
Certificate	NL0012312516	BNP 90.59TS OPENH	EUR	54,1100	54,1100	53,4900			53,4900					
Certificate	NL0012365266	BNP 90.65TS OPENH	EUR	54,2100	54,2100	53,5600			53,5600					
Certificate	NL0012244180	BNP 98.49TS OPENH	EUR	62,9000	62,9000	62,2500			62,2500					
Certificate	DE000CV887Y2	BNRGn 32.9TL OPENZ	EUR	1,1950	1,2800	1,1950			1,2800					
Certificate	DE000CV4YXV0	BNRGn42.93TL OPENZ	EUR	0,2050	0,2900	0,2050			0,2900					
Certificate	DE000CE6CDJ9	BOBL 146.7S OPENZ	EUR	14,5500	14,6500	14,5500			14,6500					
Certificate	DE000CD62R17	BOBL 114.9TL OPENZ	EUR	16,6100	16,6100	16,5000			16,5000					
Certificate	DE000CD62R09	BOBL 123.5TL OPENZ	EUR	8,0500	8,0500	7,9400			7,9400					
Certificate	DE000CD62R33	BOBL 139.3TS OPENZ	EUR	7,8800	7,9800	7,8800			7,9800					
Certificate	NL0010049383	BOEIN 51.4TL OPENB	EUR	275,2000	275,2000	275,2000			275,2000					
Certificate	NL0011418983	BOEIN 67.4TL OPENH	EUR	25,8200	26,2200	25,8200			26,2200					
Certificate	DE000CN6HTK1	BOEIN98.93TL OPENZ	EUR	9,0400	9,2200	9,0400			9,2200					
Certificate	DE000CV89TG7	BOFCH 3.2TL OPENZ	EUR											
Certificate	DE000CJ3PEN3	BOFCH 2.28TL OPENZ	EUR	1,1900	1,2350	1,1900			1,2350					
Certificate	DE000CV89TF9	BOFCH 2.68TL OPENZ	EUR	0,7800	0,8150	0,7800			0,8150					
Certificate	DE000CJ3PGK4	BOFCH 3.08TL OPENZ	EUR	0,3400	0,3850	0,3400			0,3850					
Certificate	DE000CQ5AFM0	BOSKA 15TL OPENC	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	DE000CY51477	BOSKA 20TL OPENC	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	DE000CY51BV8	BOSKA 20TL OPENC	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	DE000CQ5AK57	BOSKA 22TL OPENC	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	DE000CQ5ACQ8	BOSKA 22TL OPENC	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0012795355	BOSKA 24BOC1218Z	EUR	23,6950	23,8100	23,6950			23,8100					
Certificate	DE000CP06WG7	BOSKA 26TS OPENC	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000CP06ZK2	BOSKA 26TS OPENC	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000CQ5AK81	BOSKA 30TS OPENC	EUR	5,3600	5,3600	5,3600			5,3600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ5AHF0	BOSKA 30TS OPENC	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	DE000CQ5A7D0	BOSKA 32TS OPENC	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	DE000CY52VD2	BOSKA 32TS OPENC	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	DE000CY51A63	BOSKA 34TS OPENC	EUR	8,3400	8,3400	8,3400			8,3400					
Certificate	DE000CY51BW6	BOSKA 34TS OPENC	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	DE000CP06PG1	BOSKA 35TS OPENC	EUR	11,7800	11,7800	11,7800			11,7800					
Certificate	DE000CY51J22	BOSKA 35TS OPENC	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	DE000CY51FH8	BOSKA 35TS OPENC	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	DE000CY51A71	BOSKA 35TS OPENC	EUR	9,3200	9,3200	9,3200			9,3200					
Certificate	NL0011421169	BOSKA 37TS OPENH	EUR	16,4000	16,4000	15,4900			15,4900					
Certificate	NL0012600365	BOSKA 15.3TL OPENH	EUR	9,5500	10,4600	9,5500			10,4600					
Certificate	NL0012775969	BOSKA 16.6BL OPENB	EUR	8,7450	8,7450	8,7450			8,7450					
Certificate	NL0012593412	BOSKA 17.3TL OPENH	EUR	7,6600	8,5700	7,6600			8,5700					
Certificate	NL0012310858	BOSKA 19.8TL OPENH	EUR	5,3600	6,2700	5,3600			6,2700					
Certificate	NL0012600357	BOSKA 20.8TL OPENH	EUR	4,3800	5,3000	4,3800			5,3000					
Certificate	NL0012595730	BOSKA 21.3TL OPENH	EUR	3,9000	4,8200	3,9000			4,8200					
Certificate	NL0012596191	BOSKA 21.8TL OPENH	EUR	3,4400	4,3500	3,4400			4,3500					
Certificate	NL0012605356	BOSKA 22.7TL OPENH	EUR	2,6100	3,5300	2,6100			3,5300					
Certificate	NL0012889026	BOSKA 23.8TL OPENH	EUR											
Certificate	NL0012793012	BOSKA 25.2BOC1218B	EUR	24,6300	24,6300	24,6300			24,6300					
Certificate	NL0013080039	BOSKA 25.8TS OPENH	EUR	4,2400	4,2400	3,3300			3,3300					
Certificate	NL0013079171	BOSKA 27.1TS OPENH	EUR	5,6400	5,6400	4,7300			4,7300					
Certificate	NL0012905038	BOSKA 28.5TS OPENH	EUR	7,2400	7,2400	6,3300			6,3300					
Certificate	NL0012586473	BOSKA 29.1TS OPENH	EUR	7,8400	7,8400	6,9300			6,9300					
Certificate	NL0012586465	BOSKA 29.6TS OPENH	EUR	8,3700	8,3700	7,4600			7,4600					
Certificate	NL0012586457	BOSKA 30.1TS OPENH	EUR	8,9100	8,9100	7,9900			7,9900					
Certificate	NL0012582159	BOSKA 30.7TS OPENH	EUR	9,5200	9,5200	8,6100			8,6100					
Certificate	NL0012591689	BOSKA 31.1TS OPENH	EUR	9,9800	9,9800	9,0600			9,0600					
Certificate	NL0012112478	BOSKA 31.2BS OPENB	EUR	7,1450	7,1450	7,1450			7,1450					
Certificate	NL0012305817	BOSKA 31.6TS OPENH	EUR	10,5600	10,5600	9,6500			9,6500					
Certificate	NL0011599584	BOSKA 32.3TS OPENH	EUR	11,3400	11,3400	10,4300			10,4300					
Certificate	NL0012305270	BOSKA 32.6TS OPENH	EUR	11,6000	11,6000	10,6900			10,6900					
Certificate	NL0012586440	BOSKA 33.5TS OPENH	EUR	12,6300	12,6300	11,7200			11,7200					
Certificate	NL0011935499	BOSKA 34.2TS OPENH	EUR	13,3300	13,3300	12,4200			12,4200					
Certificate	NL0011933494	BOSKA 36.1TS OPENH	EUR	15,3600	15,3600	14,4400			14,4400					
Certificate	NL0011044409	BOSKA 49.3TS OPENH	EUR	29,6800	29,6800	28,7600			28,7600					
Certificate	DE000CV8AYQ9	BOSKA14.23TL OPENZ	EUR	1,9100	2,0900	1,9100			2,0900					
Certificate	DE000CV87Y21	BOSKA16.26TL OPENZ	EUR	1,5100	1,6900	1,5100	504,0000	1	1,6900	300				
Certificate	NL0012774475	BOSKA18.13BL OPENB	EUR	7,2150	7,2150	7,2150			7,2150					
Certificate	NL0010174264	BOSKA18.14TL OPENB	EUR	8,1950	8,1950	8,1950			8,1950					
Certificate	DE000CV88137	BOSKA19.26TL OPENZ	EUR	0,9100	1,0900	0,9100			1,0900					
Certificate	NL0012027924	BOSKA19.65BL OPENB	EUR	5,4400	5,6850	5,4400	163,2000	1	5,6850	30				
Certificate	NL0012777585	BOSKA20.44TL OPENB	EUR	6,1150	6,1150	6,1150			6,1150					
Certificate	LU1719605419	BOSKA21.24TCIOPENS	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	DE000CD63HY8	BOSKA21.28TL OPENZ	EUR	2,5300	3,4450	2,5300	11934,0000	6	3,4450	4500				
Certificate	NL0012490262	BOSKA21.33BL OPENB	EUR	4,0050	4,0050	4,0050			4,0050					
Certificate	NL0010134813	BOSKA21.47TL OPENB	EUR	4,0800	5,1750	4,0800	4080,0000	1	5,1750	1000				
Certificate	NL0012786214	BOSKA22.47TL OPENB	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	LU1719605500	BOSKA22.66TCIOPENS	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	NL0012782478	BOSKA22.85BL OPENB	EUR	2,4950	2,4950	2,4950			2,4950					
Certificate	DE000CV880B5	BOSKA23.26TL OPENZ	EUR	0,1200	0,3100	0,1200			0,3100					
Certificate	NL0013012750	BOSKA23.47TL OPENB	EUR	3,3650	3,3650	3,3650			3,3650					
Certificate	LU1817100479	BOSKA23.75TCIOPENS	EUR											
Certificate	LU1840979311	BOSKA25.09TPIOPENS	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	NL0013006984	BOSKA26.26BS OPENB	EUR	2,5600	2,5850	2,2050	752,6400	1	2,2050	294				
Certificate	NL0013007339	BOSKA26.66TS OPENB	EUR	4,9250	4,9250	4,9250			4,9250					
Certificate	LU1840911603	BOSKA27.01TPIOPENS	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CJ3N1A1	BOSKA27.92TS OPENZ	EUR	0,8700	0,8700	0,6900			0,6900					
Certificate	NL0012773303	BOSKA28.62TS OPENB	EUR	7,0950	7,0950	7,0950			7,0950					
Certificate	NL0012773030	BOSKA28.76BS OPENB	EUR	4,7050	4,7050	4,7050			4,7050					
Certificate	LU1790583758	BOSKA28.99TPIOPENS	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	LU1840348756	BOSKA29.66TPIOPENS	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0012685671	BOSKA30.54TS OPENB	EUR	9,2350	9,2350	9,2350			9,2350					
Certificate	DE000CE6D640	BOSKA30.91TS OPENZ	EUR	1,4700	1,4700	1,2800			1,2800					
Certificate	NL0012999650	BOSKA32.54TS OPENB	EUR	11,4550	11,4550	11,4550			11,4550					
Certificate	NL0012999015	BOSKA33.69BS OPENB	EUR	9,6450	9,6450	9,6450			9,6450					
Certificate	DE000CJ3NP05	BOSKA34.41TS OPENZ	EUR	2,1600	2,1600	1,9800			1,9800					
Certificate	NL0010444261	BOUYG13.46TL OPENB	EUR	19,3250	19,3250	19,3250			19,3250					
Certificate	DE000CJ3FPN0	BOUYG21.61TL OPENZ	EUR	0,8950	1,0350	0,8950			1,0350					
Certificate	DE000CV89L51	BOUYG25.13TL OPENZ	EUR	0,5450	0,6850	0,5450			0,6850					
Certificate	DE000CV505F9	BOUYG30.14TL OPENZ	EUR	0,0565	0,1950	0,0565			0,1950					
Certificate	DE000CV4YXG1	BOUYG34.64TL 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	NL0011977996	BP 4TL OPENH	EUR	1,7900	1,8900	1,7900			1,8900					
Certificate	NL0012608020	BP 5TL OPENH	EUR	0,7600	0,8600	0,7600			0,8600					
Certificate	NL0013079296	BP 6TS OPENH	EUR	1,4000	1,4000	1,2900			1,2900					
Certificate	NL0009495605	BP 20TL OPENB	EUR	5,9150	5,9150	5,9150			5,9150					
Certificate	NL0009484427	BP 80TL OPENB	EUR	5,2250	5,2250	5,2250			5,2250					
Certificate	NL0009501360	BP 170TL OPENB	EUR											
Certificate	NL0009506153	BP 190TL OPENB	EUR	4,1150	4,1150	4,1150			4,1150					
Certificate	NL0011728415	BP 2.9TL OPENH	EUR	2,9000	2,9900	2,9000			2,9900					
Certificate	NL0009434620	BP 230TL OPENB	EUR	3,6750	3,6750	3,6750			3,6750					
Certificate	NL0011889712	BP 3.3TL OPENH	EUR	2,5100	2,6000	2,5100			2,6000					
Certificate	NL0011995717	BP 3.9TL OPENH	EUR	1,8400	1,9300	1,8400			1,9300					
Certificate	NL0012598767	BP 4.6TL OPENH	EUR	1,1800	1,2800	1,1800			1,2800					
Certificate	NL0012611933	BP 5.2TL OPENH	EUR	0,5500	0,6500	0,5500			0,6500					
Certificate	NL0012609606	BP 5.4TS OPENH	EUR											
Certificate	NL0013085038	BP 5.8TS OPENH	EUR	1,1500	1,1500	1,0500			1,0500					
Certificate	NL0012611461	BP 6.2TS OPENH	EUR	1,6700	1,6700	1,5600			1,5600					
Certificate	NL0012861181	BP 6.6TS OPENH	EUR	2,2400	2,2400	2,1300			2,1300					
Certificate	NL0012847008	BP 6.9TS OPENH	EUR	2,5100	2,5100	2,4100			2,4100					
Certificate	DE000CR4HR03	BP 3.12TL OPENZ	EUR											
Certificate	DE000CD61TQ3	BP 3.529TL OPENZ	EUR	2,0150	2,0450	2,0150			2,0450					
Certificate	DE000CD634Y0	BP 3.938TL OPENZ	EUR	1,5550	1,5850	1,5550			1,5850					
Certificate	DE000CE6EX04	BP 4.344TL OPENZ	EUR	1,0950	1,1350	1,0950			1,1350					
Certificate	DE000CV88GN2	BP 4.843TL OPENZ	EUR	0,5350	0,5750	0,5350			0,5750					
Certificate	DE000CJ3NQ53	BP 5.339TL OPENZ	EUR											
Certificate	DE000CV89W33	BPOST 10.5TL OPENZ	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	NL0012795819	BPOST 15.280C0919Z	EUR	13,3200	13,3300	13,3200			13,3300					
Certificate	NL0012795801	BPOST 15.480C0619Z	EUR	13,3600	13,3700	13,3600			13,3700					
Certificate	DE000CV424B3	BPOST 30.1TS OPENZ	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	DE000CV89Q31	BPOST10.01TL OPENZ	EUR	0,5900	0,6000	0,5900			0,6000					
Certificate	DE000CV88LZ6	BPOST11.02TL OPENZ	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	DE000CV89QW0	BPOST11.52TL OPENZ	EUR	0,3000	0,3400	0,3000	1700,0000	1	0,3000	5000				
Certificate	NL0013007172	BPOST11.53TL OPENB	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	NL0012993174	BPOST12.04TL OPENB	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	DE000CV89MY5	BPOST12.04TL OPENZ	EUR	0,1900	0,2000	0,1800	180,0000	1	0,2000	1000				
Certificate	NL0012993182	BPOST12.53TL OPENB	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	DE000CV8ASN0	BPOST12.54TL OPENZ	EUR	0,0990	0,1500	0,0990	3750,0000	3	0,1010	31000				
Certificate	NL0013012768	BPOST13.03TL OPENB	EUR											
Certificate	DE000CJ3PC16	BPOST13.13TL OPENZ	EUR											
Certificate	NL0013004948	BPOST13.96TS OPENB	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	DE000CJ3N070	BPOST14.19TS OPENZ	EUR	0,2700	0,2700	0,2500	756,0000	1	0,2600	3024				
Certificate	NL0012993273	BPOST14.94TS OPENB	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	DE000CV89Q49	BPOST15.18TS OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	NL0012994552	BPOST15.95TS OPENB	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000CV894L5	BPOST16.17TS OPENZ	EUR	0,6600	0,6600	0,6300	252,0000	1	0,6600	400				
Certificate	DE000CV88M10	BPOST18.17TS OPENZ	EUR	1,0600	1,0600	1,0500			1,0500					
Certificate	DE000CV87ZM6	BPOST26.12TS OPENZ	EUR	2,6500	2,6500	2,6400			2,6400					
Certificate	DE000CV89S29	BPOST7.959TL OPENZ	EUR	1,0000	1,0100	1,0000			1,0100					
Certificate	DE000CV89EE4	BPOST8.994TL OPENZ	EUR	0,7900	0,8000	0,7900			0,8000					
Certificate	DE000CV4ZLV2	BRBY 12.51TL OPENZ	EUR	0,9400	1,0600	0,9400			1,0600					
Certificate	DE000CV4YV13	BRBY 14.04TL OPENZ	EUR	0,6000	0,7200	0,6000			0,7200					
Certificate	DE000CV4ZP39	BRBY 14.67TL OPENZ	EUR	0,4600	0,5800	0,4600			0,5800					
Certificate	DE000CD625N1	BRCLS 1.5TL OPENZ	EUR	0,2200	0,2450	0,2200			0,2450					
Certificate	DE000CN6JPB4	BRCLS1.189TL OPENZ	EUR	0,5700	0,5950	0,5700			0,5950					
Certificate	DE000VA234U7	BRENT LEVOPENV	EUR	2,1150	2,1150	2,1150			2,1150					
Certificate	DE000VN610N8	BRENT LEVOPENV	EUR	8,4550	8,4550	8,4550			8,4550					
Certificate	DE000VN610M0	BRENT LEVOPENV	EUR	13,9850	13,9850	13,9850			13,9850					
Certificate	DE000VN610P3	BRENT LEVOPENV	EUR	0,2040	0,2040	0,2040			0,2040					
Certificate	DE000VA234T9	BRENT LEVOPENV	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	DE000CE6C1M7	BRENT LEVOPENZ	EUR	9,5250	10,8600	9,5250			10,8600					
Certificate	DE000CE6C1K1	BRENT LEVOPENZ	EUR	29,2850	31,2550	29,2850			31,2550					
Certificate	DE000CE6C1J3	BRENT LEVOPENZ	EUR	13,6300	13,8400	13,6300			13,8400					
Certificate	NL0000458750	BRENT PI OPENB	EUR	28,2000	28,8000	28,2000	11522,2500	1	28,8000	405				
Certificate	DE000VN610S7	BRENT SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN610Q1	BRENT SHROPENV	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000VN610R9	BRENT SHROPENV	EUR	0,0150	0,0150	0,0150			0,0150					
Certificate	DE000VA1ZHR6	BRENT SHROPENV	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	DE000CE6C1N5	BRENT SHROPENZ	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000CE6C1L9	BRENT SHROPENZ	EUR	0,2890	0,2890	0,2740			0,2740					
Certificate	NL0011535513	BRENT 31TL OPENB	EUR	41,2950	41,2950	41,2950			41,2950					
Certificate	DE000CV8A3P0	BRENT 53TL 1018Z	EUR	20,9000	20,9000	20,9000			20,9000					
Certificate	NL0012501118	BRENT 54TL OPENB	EUR	21,7750	21,7750	21,7750			21,7750					
Certificate	NL0012503171	BRENT 55TL OPENB	EUR	20,9350	20,9350	20,9350			20,9350					



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	DE000CQ5BWF7	BRENT 56TL 1018C	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	NL0012504955	BRENT 56TL OPENB	EUR	20,0850	20,0850	20,0850			20,0850					
Certificate	DE000CV8A3Q8	BRENT 57TL 1018Z	EUR	17,3900	17,3900	17,3900				17,3900				
Certificate	LU1651900505	BRENT 60TCIOPENS	EUR	15,7700	17,0000	15,7700				17,0000				
Certificate	DE000CQ5BWW5	BRENT 60TL 1018C	EUR	0,7400	0,7400	0,7400				0,7400				
Certificate	LU1651898170	BRENT 61TCIOPENS	EUR	14,8500	16,0800	14,8500				16,0800				
Certificate	DE000CV8A3R6	BRENT 61TL 1018Z	EUR	13,8700	13,8700	13,8700				13,8700				
Certificate	LU1651898410	BRENT 62TCIOPENS	EUR	13,9500	15,1700	13,9500				15,1700				
Certificate	DE000CQ5BWH3	BRENT 62TL 1018C	EUR	0,6500	0,6500	0,6500				0,6500				
Certificate	LU1719403898	BRENT 63TCIOPENS	EUR	12,5200	13,7400	12,5200				13,7400				
Certificate	DE000CQ5BWW9	BRENT 64TL 1018C	EUR	0,5600	0,5600	0,5600				0,5600				
Certificate	DE000CV8A3S4	BRENT 65TL 1018Z	EUR	10,3500	10,3500	10,3500				10,3500				
Certificate	DE000CQ5BWK7	BRENT 66TL 1018C	EUR	0,4800	0,4800	0,4800				0,4800				
Certificate	LU1756002488	BRENT 67TCIOPENS	EUR	7,6400	8,8400	7,6400				8,8400				
Certificate	LU1756002561	BRENT 68TCIOPENS	EUR	6,7600	7,9600	6,7600				7,9600				
Certificate	DE000CQ5BWL5	BRENT 68TL 1018C	EUR	0,3900	0,3900	0,3900				0,3900				
Certificate	DE000CP06Q13	BRENT 68TL 1218C	EUR	0,4000	0,4000	0,3900	640,0000	1	0,3900	1600				
Certificate	LU1756002645	BRENT 69TCIOPENS	EUR	5,8800	7,0800	5,8800				7,0800				
Certificate	DE000CV8A3T2	BRENT 69TL 1018Z	EUR	6,8300	6,8300	6,8300				6,8300				
Certificate	DE000CP06K76	BRENT 70TL 1018C	EUR	0,3000	0,3000	0,3000				0,3000				
Certificate	DE000CP06K84	BRENT 72TL 1018C	EUR	0,2100	0,2100	0,2100				0,2100				
Certificate	DE000CP06Q21	BRENT 72TL 1218C	EUR	0,2100	0,2100	0,2100				0,2100				
Certificate	LU1816982091	BRENT 73TCIOPENS	EUR											
Certificate	DE000CV8B7Y2	BRENT 74TL 1018Z	EUR	2,4450	2,4450	2,4450				2,4450				
Certificate	DE000CP06Q39	BRENT 74TL 1218C	EUR	0,1300	0,1300	0,1300				0,1300				
Certificate	LU1817216424	BRENT 75TCIOPENS	EUR	0,6600	0,6600	0,6600				0,6600				
Certificate	DE000CP06K92	BRENT 76TL 1018C	EUR											
Certificate	DE000CP06Q47	BRENT 76TL 1218C	EUR											
Certificate	LU1790507732	BRENT 76TCIOPENS	EUR											
Certificate	DE000CP06Q54	BRENT 78TL 1218C	EUR											
Certificate	DE000CP06Q70	BRENT 82TL 1218C	EUR											
Certificate	DE000CP06KC1	BRENT 88TS 1018C	EUR	0,5100	0,5100	0,5100				0,5100				
Certificate	DE000CP06Q88	BRENT 88TS 1218C	EUR	0,5100	0,5100	0,5100				0,5100				
Certificate	DE000CP06KD9	BRENT 90TS 1018C	EUR	0,6000	0,6000	0,6000				0,6000				
Certificate	DE000CP06Q96	BRENT 90TS 1218C	EUR	0,6000	0,6000	0,6000				0,6000				
Certificate	DE000CV8A3Y2	BRENT 91TS 1018Z	EUR	12,9100	12,9100	12,9100				12,9100				
Certificate	DE000CP06KE7	BRENT 92TS 1018C	EUR	0,6900	0,6900	0,6900				0,6900				
Certificate	DE000CP06QA2	BRENT 92TS 1218C	EUR	0,6800	0,6800	0,6800				0,6800				
Certificate	DE000CP06QB0	BRENT 94TS 1218C	EUR	0,7700	0,7700	0,7700				0,7700				
Certificate	DE000CP06QC8	BRENT 96TS 1218C	EUR	0,8600	0,8600	0,8600				0,8600				
Certificate	DE000CP06QD6	BRENT 100TS 1218C	EUR	1,0300	1,0300	1,0300				1,0300				
Certificate	DE000CV8B7Z9	BRENT 101TS 1018Z	EUR	21,7000	21,7000	21,7000				21,7000				
Certificate	DE000CP06QE4	BRENT 104TS 1218C	EUR	1,2100	1,2100	1,2100				1,2100				
Certificate	DE000CV8B7V3	BRENT 105.TS OPENZ	EUR	25,3200	25,3200	25,3200				25,3200				
Certificate	DE000CJ3NXE7	BRENT 110.TS OPENZ	EUR	29,7000	29,7000	29,7000				29,7000				
Certificate	DE000CJ3NZK9	BRENT 115.TS OPENZ	EUR	34,0900	34,0900	34,0900				34,0900				
Certificate	NL0012903918	BRENT 119.TS OPENH	EUR	40,4600	40,4600	40,4600				40,4600				
Certificate	NL0011636949	BRENT 23.3TL OPENB	EUR	47,8150	47,8150	47,8150				47,8150				
Certificate	NL0011539549	BRENT 25.4TL OPENB	EUR	46,0150	46,0150	46,0150				46,0150				
Certificate	NL0011532387	BRENT 27.5TL OPENB	EUR	44,2250	44,2250	44,2250				44,2250				
Certificate	NL0011531280	BRENT 32.2TL OPENB	EUR	40,2350	40,2350	40,2350				40,2350				
Certificate	NL0011637855	BRENT 35.2TL OPENB	EUR	37,6950	37,6950	37,6950				37,6950				
Certificate	NL0011648340	BRENT 37.4TL OPENB	EUR	35,8750	35,8750	35,8750				35,8750				
Certificate	NL0011933288	BRENT 38.2TL OPENH	EUR	35,0800	35,0800	35,0800				35,0800				
Certificate	NL0011655410	BRENT 41.5BL OPENB	EUR	31,1350	31,1350	31,1350				31,1350				
Certificate	NL0011655741	BRENT 41.6TL OPENB	EUR	32,3150	32,3150	32,3150				32,3150				
Certificate	NL0012372650	BRENT 43.3TL OPENH	EUR	30,4000	30,4000	30,4000				30,4000				
Certificate	NL0012277453	BRENT 44.7TL OPENB	EUR	29,6450	29,6450	29,6450				29,6450				
Certificate	NL0012439657	BRENT 49.5TL OPENH	EUR	25,1100	25,1100	25,1100				25,1100				
Certificate	NL0012492714	BRENT 49.8BL OPENB	EUR	23,7850	23,7850	23,7850				23,7850				
Certificate	NL0012495170	BRENT 51.9TL OPENB	EUR	23,5450	23,5450	23,5450				23,5450				
Certificate	NL0012525018	BRENT 52.6TL OPENH	EUR	22,4600	22,4600	22,4600				22,4600				
Certificate	DE000VL2FT08	BRENT 53.6TL OPENV	EUR	21,9350	21,9350	21,9350				21,9350				
Certificate	DE000CE6FEH4	BRENT 56.3TL OPENZ	EUR	18,9050	18,9050	18,9050				18,9050				
Certificate	NL0012504963	BRENT 57.1TL OPENB	EUR	19,2050	19,2050	19,2050				19,2050				
Certificate	NL0012508386	BRENT 58.1TL OPENB	EUR	17,9500	18,3750	17,8750	163,8100	3	18,3750	9				
Certificate	NL0012693964	BRENT 60.1TL OPENB	EUR	16,6250	16,6250	16,6250				16,6250				
Certificate	NL0012688782	BRENT 61.2TL OPENB	EUR	15,7250	15,7250	15,7250				15,7250				
Certificate	LU1651898337	BRENT 61.5TCIOPENS	EUR	14,4000	15,6300	14,4000				15,6300				
Certificate	NL0012688790	BRENT 62.2TL OPENB	EUR	14,8750	14,8750	14,8750				14,8750				
Certificate	LU1719638931	BRENT 63.5TCIOPENS	EUR	10,8800	12,0900	10,8800				12,0900				
Certificate	NL0012775175	BRENT 64.2TL OPENB	EUR	12,2200	13,1850	12,2150	733,2000	1		60				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012613897	BRENT 64.7TL OPENH	EUR	11,3300	12,2300	11,3300	872,2500	2	12,1200	75				
Certificate	LU1719639079	BRENT 65.5TCIOPENS	EUR	9,0900	10,3000	9,0900			10,3000					
Certificate	NL0012775456	BRENT 66.2BL OPENB	EUR	9,3650	9,3650	9,3650			9,3650					
Certificate	NL0012776199	BRENT 66.2TL OPENB	EUR	11,4750	11,4750	11,4750			11,4750					
Certificate	DE000CV882U1	BRENT 66.3TL OPENZ	EUR	9,3150	9,3150	9,3150			9,3150					
Certificate	NL0012780977	BRENT 67.2TL OPENB	EUR	10,6550	10,6550	10,6550			10,6550					
Certificate	NL0012781439	BRENT 68.2TL OPENB	EUR	9,5600	9,7950	9,5600	1998,0400	1	9,7950	209				
Certificate	NL0012781447	BRENT 69.2TL OPENB	EUR	8,9200	8,9900	8,9150	4131,2000	2	8,9450	460				
Certificate	DE000CV88FE3	BRENT 69.5TL OPENZ	EUR	7,5250	7,5250	7,5250			7,5250					
Certificate	NL0012990741	BRENT 70.2TL OPENB	EUR	8,1050	8,1050	8,1050			8,1050					
Certificate	NL0012991822	BRENT 73.2TL OPENB	EUR	5,5950	5,5950	5,5950			5,5950					
Certificate	NL0012992341	BRENT 73.9TL OPENB	EUR	4,9850	4,9850	4,9850			4,9850					
Certificate	NL0012893283	BRENT 74.4TL OPENH	EUR	3,0800	3,8300	3,0800	1052,2000	2	3,8300	340				
Certificate	NL0012993810	BRENT 74.9TL OPENB	EUR	4,1450	4,1450	4,1450			4,1450					
Certificate	NL0012996920	BRENT 75.8TL OPENB	EUR											
Certificate	DE000CJ3NT19	BRENT 76.8TL OPENZ	EUR											
Certificate	NL0012999957	BRENT 76.9TL OPENB	EUR											
Certificate	LU1840347782	BRENT 77.5TCIOPENS	EUR											
Certificate	NL0013001779	BRENT 77.9TL OPENB	EUR											
Certificate	NL0013002249	BRENT 78.9TL OPENB	EUR											
Certificate	NL0013003718	BRENT 79.8TL OPENB	EUR											
Certificate	NL0013013584	BRENT 81.6TS OPENB	EUR	7,5000	7,5050	7,2950	187,5000	1	7,2950	25				
Certificate	DE000VA71TB0	BRENT 82.6TS OPENV	EUR	4,9055	4,9055	4,9055			4,9055					
Certificate	NL0013010697	BRENT 83.6TS OPENB	EUR	9,1150	9,1150	9,1150			9,1150					
Certificate	DE000VA77F48	BRENT 83.6TS OPENV	EUR	5,7850	5,7850	5,7850			5,7850					
Certificate	DE000VA77F55	BRENT 84.6TS OPENV	EUR	6,6650	6,6650	6,6650			6,6650					
Certificate	NL0013009160	BRENT 85.5TS OPENB	EUR	11,5900	11,5950	10,9250	4548,0000	2	10,9250	400				
Certificate	DE000VA77F63	BRENT 85.6TS OPENV	EUR	7,5450	7,5450	7,5450			7,5450					
Certificate	LU1757002693	BRENT 87.5TPIOPENS	EUR	10,6900	10,6900	9,5500			9,5500					
Certificate	NL0013002256	BRENT 87.5TS OPENB	EUR	12,6850	12,6850	12,6850			12,6850					
Certificate	NL0012791073	BRENT 89.5TS OPENB	EUR	15,2100	15,2150	14,5250	491,3400	3	14,5250	33				
Certificate	NL0013001795	BRENT 91.4TS OPENB	EUR	16,3250	16,3250	16,3250			16,3250					
Certificate	DE000CJ3NWK6	BRENT 92.6TS OPENZ	EUR	14,4000	14,4000	14,4000			14,4000					
Certificate	NL0013004484	BRENT 93.4TS OPENB	EUR	18,1150	18,1150	18,1150			18,1150					
Certificate	NL0013004856	BRENT 95.4TS OPENB	EUR	20,0000	20,0000	19,9450	140,0000	1	19,9450	7				
Certificate	LU1757002859	BRENT 95.5TPIOPENS	EUR	17,6100	17,6100	16,4900			16,4900					
Certificate	DE000CJ3NXD9	BRENT100.1TS OPENZ	EUR	20,9700	20,9700	20,9700			20,9700					
Certificate	LU1757003071	BRENT100.5TPIOPENS	EUR	21,9400	21,9400	20,8300			20,8300					
Certificate	DE000CV88Z2N	BRENT100.5TS OPENZ	EUR	22,9450	22,9450	22,9450			22,9450					
Certificate	NL0012861314	BRENT102.5TS OPENH	EUR	25,5400	25,5400	25,5400			25,5400					
Certificate	DE000CJ3NXJ6	BRENT105.5TS OPENZ	EUR	27,2800	27,2800	27,2800			27,2800					
Certificate	NL0012860803	BRENT107.4TS OPENH	EUR	30,0000	30,0000	30,0000			30,0000					
Certificate	NL0012313126	BRENT113.03TL OPENH	EUR	56,2700	56,2700	56,2700			56,2700					
Certificate	NL0011636733	BRENT16.73BL OPENB	EUR	52,9250	52,9250	52,9250			52,9250					
Certificate	NL0011598321	BRENT17.37TL OPENH	EUR	52,7100	52,7100	52,7100			52,7100					
Certificate	NL0011422415	BRENT22.82TL OPENH	EUR	48,0900	48,0900	48,0900			48,0900					
Certificate	NL0011422407	BRENT26.01TL OPENH	EUR	45,4000	45,4000	45,4000			45,4000					
Certificate	NL0011538111	BRENT28.48BL OPENB	EUR	42,5850	42,5850	42,5850			42,5850					
Certificate	NL0011422399	BRENT29.19TL OPENH	EUR	42,7100	42,7100	42,7100			42,7100					
Certificate	NL0011422381	BRENT32.37TL OPENH	EUR	40,0200	40,0200	40,0200			40,0200					
Certificate	DE000CN6HEY4	BRENT33.42TL OPENZ	EUR	38,2250	38,2250	38,2250			38,2250					
Certificate	NL0011727839	BRENT33.78TL OPENH	EUR	38,8200	38,8200	38,8200			38,8200					
Certificate	NL0011598313	BRENT34.27TL OPENH	EUR	38,4100	38,4100	38,4100			38,4100					
Certificate	NL0011727821	BRENT34.83TL OPENH	EUR	37,9300	37,9300	37,9300			37,9300					
Certificate	DE000CD628Y2	BRENT34.92TL OPENZ	EUR	37,3450	37,3450	37,3450			37,3450					
Certificate	NL0011598305	BRENT35.33TL OPENH	EUR	37,5100	37,5100	37,5100			37,5100					
Certificate	NL0011727805	BRENT36.94TL OPENH	EUR	36,1500	36,1500	36,1500			36,1500					
Certificate	NL0011933296	BRENT37.16TL OPENH	EUR	35,9600	35,9600	35,9600			35,9600					
Certificate	NL0011727797	BRENT37.98TL OPENH	EUR	35,2600	35,2600	35,2600			35,2600					
Certificate	NL0011727789	BRENT39.05TL OPENH	EUR	34,3700	34,3700	34,3700			34,3700					
Certificate	NL0011933270	BRENT39.25TL OPENH	EUR	34,1900	34,1900	34,1900			34,1900					
Certificate	NL0011648779	BRENT39.36BL OPENB	EUR	33,0150	33,0150	33,0150			33,0150					
Certificate	NL0011727771	BRENT40.09TL OPENH	EUR	33,4800	33,4800	33,4800			33,4800					
Certificate	NL0011933262	BRENT40.29TL OPENH	EUR	33,3100	33,3100	33,3100			33,3100					
Certificate	DE000CN6J1R0	BRENT40.46TL OPENZ	EUR	32,0400	32,0400	32,0400			32,0400					
Certificate	DE000CN6K5S6	BRENT41.04TL OPENZ	EUR	32,0650	32,0650	32,0650			32,0650					
Certificate	NL0011727763	BRENT41.15TL OPENH	EUR	32,5900	32,5900	32,5900			32,5900					
Certificate	NL0011933254	BRENT41.34TL OPENH	EUR	32,4300	32,4300	32,4300			32,4300					
Certificate	DE000VN6GW86	BRENT42.52TL OPENV	EUR	31,8350	31,8350	31,8350			31,8350					
Certificate	DE000CN6K8S9	BRENT43.07TL OPENZ	EUR	29,7500	29,7500	29,7500			29,7500					
Certificate	NL0012274963	BRENT43.58BL OPENB	EUR	29,2550	29,2550	29,2550			29,2550					
Certificate	NL0012372643	BRENT44.34TL OPENH	EUR	29,5100	29,5100	29,5100			29,5100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012372635	BRENT45.38TL OPENH	EUR	28,6300	28,6300	28,6300			28,6300					
Certificate	DE000CE6E4J5	BRENT46.12TL OPENZ	EUR	27,6750	27,6750	27,6750			27,6750					
Certificate	NL0012372627	BRENT46.41TL OPENH	EUR	27,7400	27,7400	27,7400			27,7400					
Certificate	DE000CE6E4A4	BRENT47.38TL OPENZ	EUR	25,9600	25,9600	25,9600			25,9600					
Certificate	NL0012372619	BRENT47.45TL OPENH	EUR	26,8600	26,8600	26,8600			26,8600					
Certificate	DE000CE6E556	BRENT48.36TL OPENZ	EUR	25,0900	25,0900	25,0900			25,0900					
Certificate	NL0012437693	BRENT48.41TL OPENH	EUR	26,0400	26,0400	26,0400			26,0400					
Certificate	DE000CE6EP12	BRENT48.66TL OPENZ	EUR	25,4850	25,4850	25,4850			25,4850					
Certificate	DE000CE6EN30	BRENT49.36TL OPENZ	EUR	24,2200	24,2200	24,2200			24,2200					
Certificate	DE000CE6ET11	BRENT50.35TL OPENZ	EUR	23,3400	23,3400	23,3400			23,3400					
Certificate	NL0012439640	BRENT50.53TL OPENH	EUR	24,2300	24,2300	24,2300			24,2300					
Certificate	DE000CE6EXN5	BRENT51.21TL OPENZ	EUR	23,2950	23,2950	23,2950			23,2950					
Certificate	DE000CE6ETK9	BRENT51.35TL OPENZ	EUR	22,4650	22,4650	22,4650			22,4650					
Certificate	NL0012518112	BRENT51.55TL OPENH	EUR	23,3600	23,3600	23,3600			23,3600					
Certificate	DE000CE6EW13	BRENT52.35TL OPENZ	EUR	21,5900	21,5900	21,5900			21,5900					
Certificate	DE000CE6EXH7	BRENT53.34TL OPENZ	EUR	20,7100	20,7100	20,7100			20,7100					
Certificate	NL0012526578	BRENT53.58TL OPENH	EUR	21,6200	21,6200	21,6200			21,6200					
Certificate	DE000CE6EXP0	BRENT53.76TL OPENZ	EUR	21,0950	21,0950	21,0950			21,0950					
Certificate	NL0012500920	BRENT53.92BL OPENB	EUR	20,1650	20,1650	20,1650			20,1650					
Certificate	DE000CE6EXJ3	BRENT54.34TL OPENZ	EUR	19,8350	19,8350	19,8350			19,8350					
Certificate	NL0012531222	BRENT55.62TL OPENH	EUR	19,8800	19,8800	19,8800			19,8800					
Certificate	DE000CE6FEA9	BRENT56.33TL OPENZ	EUR	18,0800	18,0800	18,0800			18,0800					
Certificate	NL0012531495	BRENT57.67TL OPENH	EUR	18,1300	18,1300	18,1300			18,1300					
Certificate	DE000VL37DS6	BRENT58.07TL OPENV	EUR	18,3550	18,3550	18,3550			18,3550					
Certificate	DE000CE6FHL9	BRENT58.33TL OPENZ	EUR	16,3350	16,3350	16,3350			16,3350					
Certificate	DE000CE6FHQ8	BRENT58.85TL OPENZ	EUR	16,6950	16,6950	16,6950			16,6950					
Certificate	NL0012508246	BRENT59.07BL OPENB	EUR	15,6350	15,6350	15,6350			15,6350					
Certificate	NL0012549141	BRENT59.31TL OPENH	EUR	16,7200	16,7200	16,7200			16,7200					
Certificate	NL0012512065	BRENT60.09BL OPENB	EUR	14,7450	14,7450	14,7450			14,7450					
Certificate	DE000CV426Q6	BRENT60.32TL OPENZ	EUR	14,5700	14,5700	14,5700			14,5700					
Certificate	NL0012548523	BRENT60.34TL OPENH	EUR	15,8400	15,8400	15,8400			15,8400					
Certificate	DE000CV42845	BRENT61.39TL OPENZ	EUR	14,5050	14,5050	14,5050			14,5050					
Certificate	DE000VL5R8J7	BRENT61.59TL OPENV	EUR	14,0100	14,7850	14,0050	2876,5900	3	14,7850	201				
Certificate	NL0012613921	BRENT61.66TL OPENH	EUR	14,7200	14,7200	14,7200			14,7200					
Certificate	DE000VL76J79	BRENT62.24TL OPENV	EUR	13,8850	13,8850	13,8850			13,8850					
Certificate	DE000CV87J99	BRENT62.36TL OPENZ	EUR	12,7800	12,7800	12,7800			12,7800					
Certificate	NL0012613913	BRENT62.67TL OPENH	EUR	13,8500	13,8500	13,8500			13,8500					
Certificate	DE000VL76JU7	BRENT63.24TL OPENV	EUR	12,9950	12,9950	12,9950			12,9950					
Certificate	DE000CV881C1	BRENT63.41TL OPENZ	EUR	12,7650	12,7650	12,7650			12,7650					
Certificate	NL0012613905	BRENT63.69TL OPENH	EUR	12,9900	12,9900	12,9900			12,9900					
Certificate	DE000VL8XJW9	BRENT64.06TL OPENV	EUR	12,1050	12,1050	12,1050			12,1050					
Certificate	DE000CV88194	BRENT64.32TL OPENZ	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	DE000VL8XJY5	BRENT65.06TL OPENV	EUR	11,2150	11,2150	11,2150			11,2150					
Certificate	NL0012774996	BRENT65.19BL OPENB	EUR	10,2550	10,2550	10,2550			10,2550					
Certificate	NL0012549125	BRENT65.33TS OPENH	EUR											
Certificate	DE000CV88A55	BRENT65.43TL OPENZ	EUR	11,0350	11,0350	11,0350			11,0350					
Certificate	DE000VL9S3Y2	BRENT65.64TL OPENV	EUR	10,3250	10,3250	10,3250			10,3250					
Certificate	NL0012613889	BRENT65.72TL OPENH	EUR	10,4500	11,2500	10,4500	7315,0000	1	11,2500	700				
Certificate	NL0012548507	BRENT66.33TS OPENH	EUR											
Certificate	NL0012536635	BRENT66.38TS OPENH	EUR											
Certificate	DE000VL9S3Z9	BRENT66.64TL OPENV	EUR	9,4350	9,4350	9,4350			9,4350					
Certificate	NL0012613871	BRENT66.73TL OPENH	EUR	10,3800	10,3800	10,3800			10,3800					
Certificate	NL0012780860	BRENT67.21BL OPENB	EUR	8,4750	8,4750	8,4750			8,4750					
Certificate	DE000CV88BW4	BRENT67.46TL OPENZ	EUR	9,2750	9,2750	9,2750			9,2750					
Certificate	DE000VA1GK42	BRENT67.69TL OPENV	EUR	8,5550	8,5550	8,5550			8,5550					
Certificate	NL0012613863	BRENT67.74TL OPENH	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	NL0012781272	BRENT68.22BL OPENB	EUR	7,5850	7,5850	7,5850			7,5850					
Certificate	DE000CV88BC6	BRENT68.31TL OPENZ	EUR	7,5400	7,5400	7,5400			7,5400					
Certificate	DE000VA1GPY5	BRENT68.71TL OPENV	EUR	7,6550	7,6550	7,6550			7,6550					
Certificate	NL0012613855	BRENT68.76TL OPENH	EUR	8,8100	8,8100	8,6500	13215,0000	1	8,6500	1500				
Certificate	NL0012782023	BRENT69.23BL OPENB	EUR	6,0600	6,6950	6,0550	6280,0000	2	6,6950	1000				
Certificate	DE000VA1GP05	BRENT69.71TL OPENV	EUR	6,7750	6,7750	6,7750			6,7750					
Certificate	NL0012613848	BRENT69.77TL OPENH	EUR	7,7900	7,7900	7,7900			7,7900					
Certificate	NL0012991368	BRENT70.24BL OPENB	EUR	5,8150	5,8150	5,8150			5,8150					
Certificate	DE000CV88FA1	BRENT70.33TL OPENZ	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	DE000VASRJF5	BRENT70.51TL OPENV	EUR	5,8950	5,8950	5,8950			5,8950					
Certificate	LU1817216341	BRENT71.25TCIOPENS	EUR	3,9600	5,1500	3,9600			5,1500					
Certificate	NL0012890784	BRENT71.43TL OPENH	EUR	6,2400	6,3700	6,2400	12500,0000	2	6,3700	2000				
Certificate	DE000VASRNE0	BRENT71.53TL OPENV	EUR	5,2950	5,2950	5,2950			5,2950					
Certificate	DE000CV88540	BRENT71.53TL OPENZ	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	NL0012991772	BRENT72.23BL OPENB	EUR	4,0550	4,0550	4,0550			4,0550					
Certificate	DE000CV88557	BRENT72.32TL OPENZ	EUR	3,1800	4,0250	3,1800	254,4000	1	4,0250	80				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012890776	BRENT72.43TL OPENH	EUR	5,6500	5,6500	5,4400	2645,7500	3	5,5100	475				
Certificate	DE000VA4YQ00	BRENT72.43TL OPENV	EUR											
Certificate	DE000VA5RNF7	BRENT72.53TL OPENV	EUR	4,4125	4,4125	4,4125			4,4125					
Certificate	NL0012992085	BRENT72.96BL OPENB	EUR	2,6200	3,4150	2,6200	2738,0000	2	3,4150	900				
Certificate	DE000VA5RNG5	BRENT73.53TL OPENV	EUR	3,5325	3,5325	3,5325			3,5325					
Certificate	DE000CV88847	BRENT73.53TL OPENZ	EUR	4,0350	4,0350	4,0350			4,0350					
Certificate	NL0012992093	BRENT73.97BL OPENB	EUR	2,5350	2,5350	2,5350			2,5350					
Certificate	DE000CV886J5	BRENT74.32TL OPENZ	EUR	2,2650	2,2650	2,2650			2,2650					
Certificate	DE000VA5RNNH3	BRENT74.53TL OPENV	EUR	2,6445	2,6445	2,6445			2,6445					
Certificate	NL0012994057	BRENT74.97BL OPENB	EUR	1,0000	1,8600	0,9350	74345,0000	14	1,6450	51200				
Certificate	DE000VA6D377	BRENT75.55TL OPENV	EUR	1,0300	1,7665	1,0300	122,8000	2	1,7665	100				
Certificate	DE000CJ3NT50	BRENT75.95TL OPENZ	EUR											
Certificate	NL0012997118	BRENT75.97BL OPENB	EUR											
Certificate	NL0012900005	BRENT76.39TL OPENH	EUR											
Certificate	DE000VA6EB81	BRENT76.58TL OPENV	EUR											
Certificate	NL0013001654	BRENT76.97BL OPENB	EUR											
Certificate	DE000VAGEEW7	BRENT77.61TL OPENV	EUR											
Certificate	NL0013002025	BRENT77.97BL OPENB	EUR											
Certificate	DE000CJ3NT68	BRENT78.46TL OPENZ	EUR											
Certificate	NL0012905160	BRENT78.62TL OPENH	EUR											
Certificate	DE000VA6T1M6	BRENT78.63TL OPENV	EUR											
Certificate	DE000VA6T2Q5	BRENT78.92TL OPENV	EUR											
Certificate	NL0013002033	BRENT78.94BL OPENB	EUR											
Certificate	DE000CV89D10	BRENT79.24TS OPENZ	EUR											
Certificate	NL0013003502	BRENT79.89BL OPENB	EUR											
Certificate	DE000VA64XH4	BRENT79.92TL OPENV	EUR											
Certificate	DE000VA71W35	BRENT80.01TL OPENV	EUR											
Certificate	DE000VA710F7	BRENT81.59TS OPENV	EUR	4,0345	4,0345	4,0345			4,0345					
Certificate	NL0013086200	BRENT81.95TS OPENH	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	DE000CJ3PER4	BRENT82.64TS OPENZ	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000CJ3PAX0	BRENT82.73TS OPENZ	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	NL0013013428	BRENT82.85BS OPENB	EUR	5,5650	5,5650	5,5650			5,5650					
Certificate	NL0013081730	BRENT84.32TS OPENH	EUR	9,0700	9,0700	9,0700			9,0700					
Certificate	NL0013008048	BRENT84.85BS OPENB	EUR	7,3150	7,3150	7,3150			7,3150					
Certificate	DE000CJ3N302	BRENT85.13TS OPENZ	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	DE000CJ3N310	BRENT85.23TS OPENZ	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	DE000VA71AT7	BRENT86.61TS OPENV	EUR	8,4050	8,4050	8,4050			8,4050					
Certificate	NL0012861322	BRENT86.69TS OPENH	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	NL0012789259	BRENT86.85BS OPENB	EUR	9,0750	9,0750	9,0750			9,0750					
Certificate	DE000VA7PV59	BRENT87.61TS OPENV	EUR	9,2750	9,2750	9,2750			9,2750					
Certificate	DE000CJ3N021	BRENT87.61TS OPENZ	EUR	10,0200	10,0200	10,0200			10,0200					
Certificate	DE000CV88ZL6	BRENT87.73TS OPENZ	EUR	11,5250	11,5250	11,5250			11,5250					
Certificate	NL0012899991	BRENT87.95TS OPENH	EUR	12,3700	12,3700	12,3700			12,3700					
Certificate	DE000VA6T2M4	BRENT88.65TS OPENV	EUR	10,1350	10,1350	10,1350			10,1350					
Certificate	NL0012791313	BRENT88.84BS OPENB	EUR	10,8250	10,8250	10,8250			10,8250					
Certificate	DE000VA6T2P7	BRENT89.65TS OPENV	EUR	11,0150	11,0150	11,0150			11,0150					
Certificate	NL0012899983	BRENT89.95TS OPENH	EUR	15,0200	15,0200	14,1200	29501,0000	5	14,1800	2000				
Certificate	DE000CV88QG5	BRENT90.09TS OPENZ	EUR	12,2000	12,2000	12,2000			12,2000					
Certificate	LU1756857584	BRENT90.25TPIOPENS	EUR	13,0200	13,0200	11,8800			11,8800					
Certificate	NL0012613764	BRENT90.54TS OPENH	EUR	14,7200	14,7200	14,7200			14,7200					
Certificate	DE000VA64Z49	BRENT90.64TS OPENV	EUR	11,9150	11,9150	11,9150			11,9150					
Certificate	DE000CV88FF0	BRENT90.65TS OPENZ	EUR	14,1350	14,1350	14,1350			14,1350					
Certificate	NL0012997563	BRENT90.84BS OPENB	EUR	12,5850	12,5850	12,5850			12,5850					
Certificate	DE000VA64Z56	BRENT91.64TS OPENV	EUR	12,7950	12,7950	12,7950			12,7950					
Certificate	NL0012904601	BRENT92.01TS OPENH	EUR	16,0400	16,0400	16,0400			16,0400					
Certificate	DE000VA64Z64	BRENT92.64TS OPENV	EUR	13,6750	13,6750	13,6750			13,6750					
Certificate	NL0013004310	BRENT92.84BS OPENB	EUR	14,3450	14,3450	14,3450			14,3450					
Certificate	DE000CJ3NXH0	BRENT93.15TS OPENZ	EUR	16,2400	16,2400	16,2400			16,2400					
Certificate	DE000VA64Z72	BRENT93.64TS OPENV	EUR	14,5550	14,5550	14,5550			14,5550					
Certificate	DE000CV88BV6	BRENT95.07TS OPENZ	EUR	16,5800	16,5800	16,5800			16,5800					
Certificate	DE000CV88ZM4	BRENT95.57TS OPENZ	EUR	18,5550	18,5550	18,5550			18,5550					
Certificate	DE000VA7PU27	BRENT95.61TS OPENV	EUR	16,2950	16,2950	16,2950			16,2950					
Certificate	NL0012557870	BRENT95.79TS OPENH	EUR	19,4700	19,4700	19,4700			19,4700					
Certificate	DE000CE6E945	BRUNL 10.9TL OPENZ	EUR											
Certificate	DE000CV8AYA3	BRUNL 14.9TS OPENZ	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	DE000CE6F1Z6	BRUNL 16.8TS OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CJ3PIL6	BRUNL 6.93TL OPENZ	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CJ3NM24	BRUNL 7.73TL OPENZ	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CV8AY90	BRUNL 8.79TL OPENZ	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0013007180	BRUNL 9.01TL OPENB	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CE6D4K4	BRUNL 9.75TL OPENZ	EUR	0,1300	0,1300	0,1200	533,0000	2	0,1200	4100				
Certificate	DE000CE6EAA0	BRUNL 9.85TL OPENZ	EUR	0,1600	0,1600	0,1600			0,1600					



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	NL0012999213	BRUNL10.02TL OPENB	EUR	0,3400	0,3400	0,3200	3950,0000	24	0,3300	12000				
Certificate	DE000CR9RQ80	BRUNL10.76TL OPENZ	EUR											
Certificate	NL0012999221	BRUNL11.02TL OPENB	EUR											
Certificate	NL0013015621	BRUNL11.97TS OPENB	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000CJ3N2U7	BRUNL13.05TS OPENZ	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	DE000CJ3NN49	BRUNL13.47TS OPENZ	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0012999247	BRUNL13.97TS OPENB	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CV8AXH0	BRUNL14.55TS OPENZ	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012999254	BRUNL14.97TS OPENB	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CD62RS1	BRUNL16.54TS OPENZ	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CE6EF97	BRUNL5.523TL OPENZ	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000CV8AXG2	BRUNL6.673TL OPENZ	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CE6D657	BRUNL7.685TL OPENZ	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CE6D4L2	BRUNL8.736TL OPENZ	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	NL0012793442	BSANT 5TS OPENB	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	NL0012239362	BSANT 6.1TS OPENH	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	NL0010114740	BSANT 1.71TL OPENB	EUR											
Certificate	NL0011971635	BSANT 3.16TL OPENH	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0011971817	BSANT 3.37TL OPENH	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0011989397	BSANT 3.47TL OPENH	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0012025563	BSANT 3.78TL OPENB	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	NL0012049340	BSANT 4.06TL OPENH	EUR											
Certificate	NL0013014186	BSANT 4.34TS OPENB	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	NL0012907174	BSANT 4.56TS OPENH	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	NL0012889141	BSANT 4.62TS OPENH	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0012862577	BSANT 5.17TS OPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0012890834	BSANT 5.22TS OPENH	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0012596258	BSANT 5.52TS OPENH	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0012683221	BSANT 5.77TS OPENB	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	NL0012369268	BSANT 5.96TS OPENH	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	NL0012203087	BSANT 6.23TS OPENH	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000CV8AWC3	BSANT2.875TL OPENZ	EUR	1,1100	1,2000	1,1100			1,2000					
Certificate	DE000CD62JF5	BSANT3.375TL OPENZ	EUR	0,6100	0,7000	0,6100			0,7000					
Certificate	DE000CD63CA9	BSANT3.876TL OPENZ	EUR	0,1200	0,2100	0,1200			0,2100					
Certificate	DE000CV885W0	BSGR 10.2TL OPENZ	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000CV885X8	BSGR 11.24TL OPENZ	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	DE000CV885Y6	BSGR 12.29TL OPENZ	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	DE000CJ3NU40	BSLN 37.06TL OPENZ	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CV880K6	BSLN 43.45TL OPENZ	EUR	0,4600	0,4700	0,4600			0,4700					
Certificate	DE000CV4ZUX9	BT 1.78TL OPENZ	EUR	0,7850	0,7850	0,6950			0,6950					
Certificate	DE000CV88W75	BT 1.372TL OPENZ	EUR	1,2450	1,2450	1,1550			1,1550					
Certificate	DE000CV87ZB9	BT 1.579TL OPENZ	EUR	1,0150	1,0150	0,9250			0,9250					
Certificate	DE000CV89RV0	BT 1.982TL OPENZ	EUR	0,5550	0,5550	0,4650			0,4650					
Certificate	DE000CJ3N2E1	BT 2.233TL OPENZ	EUR	0,2750	0,2750	0,1850			0,1850					
Certificate	DE000CV89887	BTP 129.TS OPENZ	EUR	12,0500	12,0500	10,9250			10,9250					
Certificate	DE000CV89879	BTP 106.1TL OPENZ	EUR	16,1700	17,3050	16,1700			17,3050					
Certificate	DE000CE6CAM9	BTP 111.2TL OPENZ	EUR	11,1000	12,2350	11,1000			12,2350					
Certificate	DE000CV89DX6	BTP 116.4TL OPENZ	EUR	6,0900	7,2250	6,0900			7,2250					
Certificate	DE000CJ3N013	BTP 123.3TS OPENZ	EUR	6,1000	6,1000	4,9650			4,9650					
Certificate	DE000CV894H3	BTP 133.8TS OPENZ	EUR	16,9800	16,9800	15,8550			15,8550					
Certificate	DE000CV508M9	BTP 138.6TS OPENZ	EUR	21,9000	21,9000	20,7750			20,7750					
Certificate	DE000CV508N7	BTP 143.4TS OPENZ	EUR	26,8000	26,8000	25,6750			25,6750					
Certificate	DE000CV882T3	BTP 148.3TS OPENZ	EUR	31,7600	31,7600	30,6350			30,6350					
Certificate	NL0012608038	BUND 135TL OPENH	EUR	27,6700	27,6700	27,6700			27,6700					
Certificate	NL0012312821	BUND 141TL OPENH	EUR	21,8100	21,8100	21,8100			21,8100					
Certificate	NL0012918684	BUND 156TL OPENH	EUR	7,0600	7,0600	7,0600			7,0600					
Certificate	NL0012920888	BUND 157TL OPENH	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0012310320	BUND 162TS OPENH	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	NL0012310312	BUND 163TS OPENH	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000CV4ZV15	BUND 154.TL OPENZ	EUR	6,3300	6,3300	6,1250			6,1250					
Certificate	DE000CV4Z1J2	BUND 185.TS OPENZ	EUR	24,7900	24,9900	24,7900			24,9900					
Certificate	NL0012372585	BUND 93.9TL OPENH	EUR	68,0200	68,0200	68,0200			68,0200					
Certificate	NL0012565220	BUND 105.8TL OPENH	EUR	56,3500	56,3500	56,3500			56,3500					
Certificate	NL0012312888	BUND 111.4TL OPENH	EUR	50,8700	50,8700	50,8700			50,8700					
Certificate	DE000CR9Q732	BUND 117.4TL OPENZ	EUR	43,0000	43,0000	42,7800			42,7800					
Certificate	NL0012312870	BUND 119.6TL OPENH	EUR	42,8300	42,8300	42,8300			42,8300					
Certificate	NL0012312862	BUND 124.1TL OPENH	EUR	38,4200	38,4200	38,4200			38,4200					
Certificate	DE000CR4J7E8	BUND 126.1TL OPENZ	EUR	34,3000	34,3000	34,0900			34,0900					
Certificate	NL0010126934	BUND 128.4TL OPENB	EUR	34,1700	34,1700	34,1700			34,1700					
Certificate	NL0012312854	BUND 128.5TL OPENH	EUR	34,0400	34,0400	34,0400			34,0400					
Certificate	DE000CR9R2P0	BUND 130.5TL OPENZ	EUR	29,8400	29,8400	29,6350			29,6350					
Certificate	NL0012312847	BUND 132.7TL OPENH	EUR	29,9500	29,9500	29,9500			29,9500					



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	NL0012372577	BUND 133.8TL OPENH	EUR	28,8400	28,8400	28,8400			28,8400					
Certificate	DE000CR9Q740	BUND 134.8TL OPENZ	EUR	25,5900	25,5900	25,3800			25,3800					
Certificate	NL0012372569	BUND 135.8TL OPENH	EUR	26,8600	26,8600	26,8600			26,8600					
Certificate	NL0012312839	BUND 137.2TL OPENH	EUR	25,4900	25,4900	25,4900			25,4900					
Certificate	NL0010659975	BUND 138.2TL OPENB	EUR	24,5300	24,5300	24,5300			24,5300					
Certificate	NL0012372551	BUND 138.9TL OPENH	EUR	23,8900	23,8900	23,8900			23,8900					
Certificate	DE000CR9Q757	BUND 139.1TL OPENZ	EUR	21,2400	21,2400	21,0200			21,0200					
Certificate	NL0012536577	BUND 139.9TL OPENH	EUR	22,8300	22,8300	22,8300			22,8300					
Certificate	NL0012312813	BUND 142.2TL OPENH	EUR	20,5700	20,5700	20,5700			20,5700					
Certificate	NL0012312805	BUND 143.2TL OPENH	EUR	19,5900	19,5900	19,5900			19,5900					
Certificate	DE000CR9R2M7	BUND 143.6TL OPENZ	EUR	16,7900	16,7900	16,5800			16,5800					
Certificate	NL0012312797	BUND 144.6TL OPENH	EUR	18,2900	18,2900	18,2900			18,2900					
Certificate	NL0012312789	BUND 145.8TL OPENH	EUR	17,1100	17,1100	17,1100			17,1100					
Certificate	NL0012312771	BUND 146.7TL OPENH	EUR	16,2000	16,2000	16,2000			16,2000					
Certificate	DE000CR9R2N5	BUND 147.9TL OPENZ	EUR	12,4400	12,4400	12,2350			12,2350					
Certificate	NL0012372544	BUND 148.2TL OPENH	EUR	14,7100	14,7100	14,7100			14,7100					
Certificate	NL0012372536	BUND 149.2TL OPENH	EUR	13,7300	13,7300	13,7300			13,7300					
Certificate	NL0012372528	BUND 150.2TL OPENH	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	DE000CN6HR18	BUND 151.5TL OPENZ	EUR	8,8900	8,8900	8,6700			8,6700					
Certificate	NL0012310353	BUND 151.7TL OPENH	EUR	11,2600	11,2600	11,2600			11,2600					
Certificate	NL0012583553	BUND 152.3TL OPENH	EUR	10,6900	10,6900	10,6900			10,6900					
Certificate	NL0012310346	BUND 153.7TL OPENH	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	NL0012600399	BUND 155.1TL OPENH	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	NL0011895438	BUND 161.2TS OPENH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000CN6KTK5	BUND 162.1TS OPENZ	EUR	1,8500	2,2400	1,8500	3680,5600	4	2,0550	1699				
Certificate	NL0012372510	BUND 164.5TS OPENH	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	NL0011895420	BUND 165.8TS OPENH	EUR	8,1100	8,1100	8,1100			8,1100					
Certificate	DE000CD61AE9	BUND 165.8TS OPENZ	EUR	5,5900	5,8300	5,5900	291,5000	1	5,7900	50				
Certificate	NL0012372502	BUND 167.4TS OPENH	EUR	10,5600	10,5600	10,5600			10,5600					
Certificate	NL0012372494	BUND 168.4TS OPENH	EUR	11,5300	11,5300	11,5300			11,5300					
Certificate	NL0012372486	BUND 169.3TS OPENH	EUR	12,5200	12,5200	12,5200			12,5200					
Certificate	DE000CE6C618	BUND 169.7TS OPENZ	EUR	9,4500	9,7400	9,4500	487,0000	1	9,6600	50				
Certificate	NL0011895412	BUND 170.6TS OPENH	EUR	12,9800	12,9800	12,9800			12,9800					
Certificate	NL0012523880	BUND 171.3TS OPENH	EUR	14,5300	14,5300	14,5300			14,5300					
Certificate	NL0012586572	BUND 172.3TS OPENH	EUR	15,5400	15,5400	15,5400			15,5400					
Certificate	NL0012372478	BUND 173.2TS OPENH	EUR	16,4700	16,4700	16,4700			16,4700					
Certificate	DE000CE6C626	BUND 173.5TS OPENZ	EUR	13,2700	13,4800	13,2700			13,4800					
Certificate	NL0012374185	BUND 174.1TS OPENH	EUR	17,3800	17,3800	17,3800			17,3800					
Certificate	NL0012431589	BUND 175.2TS OPENH	EUR	18,4700	18,4700	18,4700			18,4700					
Certificate	NL0011895404	BUND 175.4TS OPENH	EUR	17,8500	17,8500	17,8500			17,8500					
Certificate	NL0012439632	BUND 176.9TS OPENH	EUR	20,2200	20,2200	20,2200			20,2200					
Certificate	DE000CE6C634	BUND 177.3TS OPENZ	EUR	17,0900	17,2900	17,0900			17,2900					
Certificate	NL0012537526	BUND 177.9TS OPENH	EUR	21,2300	21,2300	21,2300			21,2300					
Certificate	NL0012846646	BUND 178.8TS OPENH	EUR	22,2000	22,2000	22,2000			22,2000					
Certificate	NL0012548069	BUND 179.9TS OPENH	EUR	23,3300	23,3300	23,3300			23,3300					
Certificate	NL0011895396	BUND 180.2TS OPENH	EUR	22,6500	22,6500	22,6500			22,6500					
Certificate	DE000CE6CE17	BUND 181.2TS OPENZ	EUR	20,9100	21,1200	20,9100			21,1200					
Certificate	NL0012905129	BUND 181.5TS OPENH	EUR	24,9300	24,9300	24,9300			24,9300					
Certificate	NL0012894240	BUND 182.3TS OPENH	EUR	25,7800	25,7800	25,7800			25,7800					
Certificate	NL0012372460	BUND 186.9TS OPENH	EUR	30,4300	30,4300	30,4300			30,4300					
Certificate	NL0012372452	BUND 191.8TS OPENH	EUR	35,3800	35,3800	35,3800			35,3800					
Certificate	NL0012372445	BUND 196.7TS OPENH	EUR	40,3900	40,3900	40,3900			40,3900					
Certificate	NL0012372437	BUND 201.6TS OPENH	EUR	45,4300	45,4300	45,4300			45,4300					
Certificate	NL0012372429	BUND 206.5TS OPENH	EUR	50,3800	50,3800	50,3800			50,3800					
Certificate	NL0012372411	BUND 216.2TS OPENH	EUR	60,3100	60,3100	60,3100			60,3100					
Certificate	NL0012372403	BUND 225.9TS OPENH	EUR	70,2200	70,2200	70,2200			70,2200					
Certificate	NL0012920144	BUND 235.7TS OPENH	EUR	80,1900	80,1900	80,1900			80,1900					
Certificate	NL0010766762	BUXL 140.3TL OPENB	EUR	40,2300	40,2300	40,2300			40,2300					
Certificate	NL0010733796	BVLAG STN0920V	EUR											
Certificate	NL0010872032	BVLAQ STN0121V	USD											
Certificate	NL0010872040	BVLAR STN0121V	USD											
Certificate	DE000CJ3N1M6	BYDC 36TL OPENZ	EUR	2,0300	2,1450	2,0300			2,1450					
Certificate	DE000CJ3NWE9	BYDC 42TL OPENZ	EUR	1,3900	1,5050	1,3900			1,5050					
Certificate	DE000CJ3PGL2	BYDC 48TL OPENZ	EUR	0,7800	0,8850	0,7800			0,8850					
Certificate	DE000CJ3NWF6	BYDC 49TL OPENZ	EUR											
Certificate	FR0013123478	CA15S SHROPENS	EUR											
Certificate	DE000CV4YY21	CABK 3.14TL OPENZ	EUR											
Certificate	DE000CV88582	CABK 2.645TL OPENZ	EUR											
Certificate	DE000CV89UU6	CABK 3.634TL OPENZ	EUR											
Certificate	NL0009066752	CAC40 350TL OPENB	EUR	46,7700	46,7700	46,7700			46,7700					
Certificate	NL0006471948	CAC40 1290TL OPENB	EUR	37,5100	37,5100	37,5100			37,5100					
Certificate	NL0009070994	CAC40 1860TL OPENB	EUR	31,9000	31,9000	31,9000			31,9000					



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	NL0010129862	CAC40 2570TL OPENB	EUR	24,9500	24,9500	24,9500			24,9500					
Certificate	DE000CT9E629	CAC40 2625TL OPENC	EUR	28,1600	28,1600	28,1600			28,1600					
Certificate	NL0011416797	CAC40 2797TRLOPENH	EUR	22,2000	22,2000	22,2000			22,2000					
Certificate	NL0012849038	CAC40 2830TL OPENH	EUR	22,3600	22,3600	22,3600			22,3600					
Certificate	NL0010251922	CAC40 2850TL OPENB	EUR	22,1800	22,1800	22,1800			22,1800					
Certificate	NL0010252144	CAC40 2910TL OPENB	EUR	21,6200	21,6200	21,6200			21,6200					
Certificate	NL0011416789	CAC40 3012TRLOPENH	EUR	20,0500	20,0500	20,0500			20,0500					
Certificate	NL0010441374	CAC40 3200TL OPENB	EUR	18,7600	18,7600	18,7600			18,7600					
Certificate	DE000C22EVN3	CAC40 3379TL OPENZ	EUR	16,4200	16,4200	16,4200			16,4200					
Certificate	NL0010891594	CAC40 3430TL OPENB	EUR	16,5500	16,5500	16,5500			16,5500					
Certificate	NL0011053822	CAC40 3431TRLOPENH	EUR	15,8600	15,8600	15,8600			15,8600					
Certificate	NL0011035589	CAC40 3510TL OPENH	EUR	15,7800	15,7800	15,7800			15,7800					
Certificate	DE000CN6JQ58	CAC40 3528TL OPENZ	EUR	14,9300	14,9300	14,9300			14,9300					
Certificate	NL0012861108	CAC40 3560TL OPENH	EUR	15,2500	15,2500	15,2500			15,2500					
Certificate	NL0011648423	CAC40 3590TL OPENB	EUR	14,9200	14,9200	14,9200			14,9200					
Certificate	DE000CN6JU40	CAC40 3632TL OPENZ	EUR	13,8900	13,8900	13,8900			13,8900					
Certificate	NL0011037791	CAC40 3654TRLOPENH	EUR	13,6300	13,6300	13,6300			13,6300					
Certificate	DE000CX01JU0	CAC40 3700TL OPENC	EUR	15,6200	15,6200	15,6200			15,6200					
Certificate	DE000CZ79PB8	CAC40 3736TL OPENZ	EUR	12,8500	12,8500	12,8500			12,8500					
Certificate	DE000CW3AMZ5	CAC40 3800TL OPENC	EUR	15,0800	15,0800	15,0800			15,0800					
Certificate	DE000CX0JXV7	CAC40 3800TL OPENC	EUR	15,5200	15,5200	15,5200			15,5200					
Certificate	DE000CN6HUX5	CAC40 3862TL OPENZ	EUR	11,6000	11,6000	11,6000			11,6000					
Certificate	DE000CX59NM7	CAC40 3900TL OPENC	EUR	13,1700	13,1700	13,1700			13,1700					
Certificate	DE000CX008G0	CAC40 3900TL OPENC	EUR	14,0800	14,0800	14,0800			14,0800					
Certificate	NL0011891742	CAC40 3944TRLOPENH	EUR	10,7300	10,7300	10,7300			10,7300					
Certificate	DE000CN6JSQ6	CAC40 3965TL OPENZ	EUR	10,5700	10,5700	10,5700			10,5700					
Certificate	DE000CX00855	CAC40 4000TL OPENC	EUR	13,4800	13,4800	13,4800			13,4800					
Certificate	DE000CX01YU9	CAC40 4000TL OPENC	EUR	12,1100	12,1100	12,1100			12,1100					
Certificate	DE000CD61TX9	CAC40 4067TL OPENZ	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	NL0011908231	CAC40 4080TL OPENB	EUR	10,0500	10,1800	10,0500	12652,5000	2	10,1800	1250				
Certificate	DE000CX0KWN4	CAC40 4100TL OPENC	EUR	11,0700	11,0700	11,0700			11,0700					
Certificate	NL0011927447	CAC40 4100TL OPENH	EUR	9,9100	9,9100	9,9100			9,9100					
Certificate	NL0011972328	CAC40 4141TRLOPENH	EUR	8,7600	8,7600	8,7600			8,7600					
Certificate	DE000CD62650	CAC40 4169TL OPENZ	EUR	8,5400	8,5400	8,5400			8,5400					
Certificate	DE000CX59BU5	CAC40 4200TL OPENC	EUR	10,5100	10,5100	10,5100			10,5100					
Certificate	DE000CX0KXF8	CAC40 4200TL OPENC	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	DE000CX01JV8	CAC40 4200TL OPENC	EUR											
Certificate	LU1841028381	CAC40 4216TCIOPENS	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	NL0012098008	CAC40 4230TL OPENH	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	DE000CD62668	CAC40 4271TL OPENZ	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	DE000CX598L0	CAC40 4300TL OPENC	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	NL0012097992	CAC40 4330TL OPENH	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	NL0012038160	CAC40 4350TL OPENB	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	NL0012906036	CAC40 4350TRLOPENH	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	NL0012037147	CAC40 4364BL OPENB	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	DE000CD63JY4	CAC40 4372TL OPENZ	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	DE000CX59LS8	CAC40 4400TL OPENC	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	DE000CX59RM8	CAC40 4400TL OPENC	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	LU1841028464	CAC40 4427TCIOPENS	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	NL0012097968	CAC40 4430TL OPENH	EUR	5,9800	6,6700	5,9800	1495,0000	1	6,6700	250				
Certificate	NL0013008063	CAC40 4436BL OPENB	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	DE000CD63XM0	CAC40 4473TL OPENZ	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	DE000CP06859	CAC40 4500TL OPENC	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	DE000CY52806	CAC40 4500TL OPENC	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	DE000CQ5A9R6	CAC40 4500TL OPENC	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	DE000CY50T71	CAC40 4500TL OPENC	EUR	6,5900	6,5900	6,5900			6,5900					
Certificate	DE000CY508S3	CAC40 4500TL OPENC	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	DE000CY50MF0	CAC40 4500TL OPENC	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	DE000CX59UL4	CAC40 4500TL OPENC	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	DE000CQ5ALV9	CAC40 4500TL OPENC	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	NL0013086598	CAC40 4500TRLOPENH	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	NL0012098776	CAC40 4510TL OPENB	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	NL0012097000	CAC40 4531TRLOPENH	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	NL0013008071	CAC40 4536BL OPENB	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	NL0013087190	CAC40 4560TL OPENH	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	NL0013086580	CAC40 4560TRLOPENH	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	DE000CD63YE5	CAC40 4573TL OPENZ	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	NL0013086572	CAC40 4580TRLOPENH	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000VA8FUQ8	CAC40 4581TL OPENV	EUR	4,3760	4,3760	4,3760			4,3760					
Certificate	DE000CX59Y43	CAC40 4600TL OPENC	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	DE000CX59Z26	CAC40 4600TL OPENC	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	DE000CY51NA7	CAC40 4600TL OPENC	EUR	5,6000	5,6000	5,6000			5,6000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012572119	CAC40 4600TL OPENH	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	NL0013086564	CAC40 4600TRLOPENH	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	DE000VA8FUS4	CAC40 4606TL OPENV	EUR	4,1260	4,1260	4,1260			4,1260					
Certificate	LU1840976564	CAC40 4627TCIOPENS	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000VA8FUU0	CAC40 4631TL OPENV	EUR	3,8760	3,8760	3,8760			3,8760					
Certificate	NL0013082837	CAC40 4633TRLOPENH	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	NL0013008089	CAC40 4636BL OPENB	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0012114896	CAC40 4650TL OPENB	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	NL0013082258	CAC40 4666TRLOPENH	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	DE000CD643G8	CAC40 4674TL OPENZ	EUR	3,6400	3,6400	3,5200	491,4000	1	3,5200	135				
Certificate	NL0012197180	CAC40 4680TL OPENH	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0012175988	CAC40 4687TRLOPENH	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000CY0AL30	CAC40 4700TL OPENC	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000CQ5AXD2	CAC40 4700TL OPENC	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	LU1840976648	CAC40 4713TCIOPENS	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0013080831	CAC40 4717TRLOPENH	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	NL0013008097	CAC40 4736BL OPENB	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	NL0013081391	CAC40 4740TL OPENH	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	DE000VL9VUA4	CAC40 4757TL OPENV	EUR	3,4020	3,4020	3,4020			3,4020					
Certificate	NL0013080823	CAC40 4757TRLOPENH	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	NL0012120356	CAC40 4770TL OPENB	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	DE000CE6BTX8	CAC40 4774TL OPENZ	EUR	1,5900	2,5300	1,5900	114,4800	1	2,5300	72				
Certificate	DE000VL9VUB2	CAC40 4782TL OPENV	EUR	2,7680	3,3090	2,7680	18936,2000	13	3,1490	6200				
Certificate	NL0013085814	CAC40 4785TRLOPENH	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000CQ5AXR2	CAC40 4800TL OPENC	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CY16BD9	CAC40 4800TL OPENC	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	DE000CY16CR7	CAC40 4800TL OPENC	EUR	4,5200	4,5200	4,4700	45200,0000	1	4,4700	10000				
Certificate	NL0012200711	CAC40 4801TRLOPENH	EUR	1,2400	2,3600	1,2400	3402,5000	14	2,1700	1750				
Certificate	DE000VL9VUC0	CAC40 4807TL OPENV	EUR	2,8970	2,8970	2,8970			2,8970					
Certificate	NL0012899819	CAC40 4810TL OPENH	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	LU1840976721	CAC40 4820TCIOPENS	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0013078447	CAC40 4836TRLOPENH	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	NL0012687081	CAC40 4837BL OPENB	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0013084106	CAC40 4860TL OPENH	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0013015100	CAC40 4870TL OPENB	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	NL0012208136	CAC40 4872TRLOPENH	EUR	1,4600	1,4900	1,4600	766,5000	1	1,4900	525				
Certificate	DE000CE6C0S6	CAC40 4874TL OPENZ	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000VN66N04	CAC40 4887TL OPENV	EUR	2,4130	2,4130	2,4130			2,4130					
Certificate	NL0013082829	CAC40 4893TRLOPENH	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000CY16GH9	CAC40 4900TL OPENC	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0012213326	CAC40 4900TL OPENH	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000VL61TF9	CAC40 4902TL OPENV	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	LU1859828078	CAC40 4907TCIOPENS	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0012898720	CAC40 4916TRLOPENH	EUR	1,0400	1,0500	1,0400	442,0000	1	1,0500	425				
Certificate	NL0012901615	CAC40 4920TL OPENH	EUR	1,1100	1,9000	1,1100	610,5000	1	1,9000	550				
Certificate	NL0013085806	CAC40 4945TRLOPENH	EUR											
Certificate	DE000VL76G11	CAC40 4954TL OPENV	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	NL0013084098	CAC40 4960TL OPENH	EUR											
Certificate	NL0012907331	CAC40 4962TRLOPENH	EUR											
Certificate	DE000CE6CGP9	CAC40 4976TL OPENZ	EUR											
Certificate	DE000VL9VUD8	CAC40 4982TL OPENV	EUR	1,1590	1,1590	1,1590			1,1590					
Certificate	NL0012779318	CAC40 4989BL OPENB	EUR											
Certificate	NL0012779607	CAC40 5000TL OPENB	EUR											
Certificate	DE000CY16RN4	CAC40 5000TL OPENC	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000CY517L9	CAC40 5000TL OPENC	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CY51847	CAC40 5000TL OPENC	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	NL0012600738	CAC40 5000TL OPENH	EUR											
Certificate	NL0012904791	CAC40 5001TRLOPENH	EUR											
Certificate	NL0013079718	CAC40 5028TRLOPENH	EUR											
Certificate	DE000VA1GJ94	CAC40 5033TL OPENV	EUR											
Certificate	DE000VN66NH3	CAC40 5036TL OPENV	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	DE000VN66N61	CAC40 5037TL OPENV	EUR											
Certificate	NL0013087182	CAC40 5040TS OPENH	EUR											
Certificate	NL0012603294	CAC40 5046TRLOPENH	EUR											
Certificate	LU1719637701	CAC40 5049TCIOPENS	EUR											
Certificate	NL0012899272	CAC40 5050TL OPENH	EUR											
Certificate	DE000VA1GKA6	CAC40 5058TL OPENV	EUR											
Certificate	LU1859829126	CAC40 5062TPIOPENS	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000VA71XQ0	CAC40 5080TL OPENV	EUR											
Certificate	NL0013086556	CAC40 5080TRSOOPENH	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000VA1GKC2	CAC40 5083TL OPENV	EUR											
Certificate	DE000CQ5AJK6	CAC40 5100TL 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	NL0013084908	CAC40 5100TL OPENH	EUR											
Certificate	NL0013086549	CAC40 5100TRSOPENH	EUR	1,6400	1,6400	0,8900	1498,0000	6	0,9600	1200				
Certificate	NL0013087174	CAC40 5100TS OPENH	EUR	1,8400	1,9200	1,8400	184,0000	1	1,9200	100				
Certificate	DE000VA1GKE8	CAC40 5108TL OPENV	EUR											
Certificate	DE000CJ3PG04	CAC40 5108TS OPENZ	EUR											
Certificate	DE000VA8FUG9	CAC40 5117TS OPENV	EUR	1,1460	1,1460	1,1460			1,1460					
Certificate	NL0013086531	CAC40 5120TRSOPENH	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	LU1719707173	CAC40 5123TCIOPENS	EUR											
Certificate	DE000VA1GKF5	CAC40 5133TL OPENV	EUR											
Certificate	NL0013086523	CAC40 5140TRSOPENH	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000VA8FUH7	CAC40 5142TS OPENV	EUR	1,3890	1,3890	1,3890			1,3890					
Certificate	NL0013087166	CAC40 5160TS OPENH	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000VA8FUJ3	CAC40 5167TS OPENV	EUR	1,6320	1,6320	1,6320			1,6320					
Certificate	NL0013014707	CAC40 5176BS OPENB	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0013085475	CAC40 5179TRSOPENH	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	NL0013015258	CAC40 5180TS OPENB	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000VA8FUL9	CAC40 5192TS OPENV	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	DE000CP06YE8	CAC40 5200TS OPENC	EUR											
Certificate	DE000CP07BN5	CAC40 5200TS OPENC	EUR											
Certificate	NL0013085236	CAC40 5200TS OPENH	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0013081383	CAC40 5200TS OPENH	EUR											
Certificate	NL0013082811	CAC40 5207TRSOPENH	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000CJ3PFC3	CAC40 5208TS OPENZ	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	DE000VA8FUN5	CAC40 5217TS OPENV	EUR	2,1180	2,1180	2,1180			2,1180					
Certificate	NL0013082803	CAC40 5237TRSOPENH	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000VA8FRZ5	CAC40 5242TS OPENV	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	LU1840974353	CAC40 5244TPIOPENS	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	NL0013081375	CAC40 5250TS OPENH	EUR	4,2100	4,2100	3,4100	15990,0000	4	3,4100	4200				
Certificate	NL0013080815	CAC40 5257TRSOPENH	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000VA7TH72	CAC40 5268TS OPENV	EUR	2,6040	2,6040	2,6040			2,6040					
Certificate	NL0013011273	CAC40 5275BS OPENB	EUR	3,8200	3,8200	2,8450	33750,0000	5	2,8900	9500				
Certificate	NL0013009400	CAC40 5280TS OPENB	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	NL0013080807	CAC40 5287TRSOPENH	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000VA7THV8	CAC40 5293TS OPENV	EUR	2,8540	2,8540	2,8540			2,8540					
Certificate	DE000CP06V65	CAC40 5300TS OPENC	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	LU1840974437	CAC40 5302TPIOPENS	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	DE000CJ3N4A5	CAC40 5306TS OPENZ	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0013080799	CAC40 5317TRSOPENH	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	DE000VA7THW6	CAC40 5318TS OPENV	EUR	3,1040	3,1040	3,1040			3,1040					
Certificate	NL0013081367	CAC40 5320TS OPENH	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000VA1SSN7	CAC40 5324TL OPENV	EUR											
Certificate	DE000VA71LX1	CAC40 5343TS OPENV	EUR	3,3540	3,3540	3,3540			3,3540					
Certificate	NL0013080781	CAC40 5346TRSOPENH	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	DE000VA71LY9	CAC40 5368TS OPENV	EUR	3,6040	3,6040	3,6040			3,6040					
Certificate	NL0013008444	CAC40 5374BS OPENB	EUR	4,5600	4,5650	3,8800	1368,0000	2	3,8800	300				
Certificate	NL0013080773	CAC40 5376TRSOPENH	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	NL0012914469	CAC40 5380TL OPENH	EUR											
Certificate	NL0013007792	CAC40 5380TS OPENB	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	NL0012909923	CAC40 5390TL OPENH	EUR											
Certificate	NL0012915821	CAC40 5392TRLOPENH	EUR											
Certificate	DE000VA7TEU7	CAC40 5394TS OPENV	EUR	3,8430	3,8430	3,8430			3,8430					
Certificate	DE000C05AXS0	CAC40 5400TL OPENC	EUR											
Certificate	DE000C05AXE0	CAC40 5400TL OPENC	EUR											
Certificate	DE000CP06V73	CAC40 5400TS OPENC	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	DE000CP07BP0	CAC40 5400TS OPENC	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	LU1840959800	CAC40 5402TPIOPENS	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	NL0013079510	CAC40 5406TRSOPENH	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	DE000CJ3N146	CAC40 5406TS OPENZ	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	NL0012915813	CAC40 5412TRLOPENH	EUR											
Certificate	NL0013079502	CAC40 5416TRSOPENH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000VA7TEV5	CAC40 5419TS OPENV	EUR	4,0930	4,0930	4,0930			4,0930					
Certificate	NL0013079221	CAC40 5420TS OPENH	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	NL0013079494	CAC40 5426TRSOPENH	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	NL0012915250	CAC40 5430TL OPENH	EUR											
Certificate	NL0012915805	CAC40 5430TRLOPENH	EUR											
Certificate	NL0013079080	CAC40 5430TS OPENH	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0013079486	CAC40 5436TRSOPENH	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	NL0013078439	CAC40 5442TRSOPENH	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	DE000VA7TAZ4	CAC40 5447TS OPENV	EUR	4,3390	4,3390	4,3390			4,3390					
Certificate	NL0013078421	CAC40 5472TRSOPENH	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	DE000VA7TA19	CAC40 5472TS OPENV	EUR	4,5890	4,5890	4,5890			4,5890					
Certificate	NL0013006117	CAC40 5474BS OPENB	EUR	4,8800	4,8800	4,8800			4,8800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1840910464	CAC40 5479TPIOPENS	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	NL0012915243	CAC40 5490TL OPENH	EUR											
Certificate	NL0013005382	CAC40 5490TS OPENB	EUR	5,3500	5,3500	5,3500				5,3500				
Certificate	NL0012907810	CAC40 5490TS OPENH	EUR	5,9100	5,9100	5,9100				5,9100				
Certificate	DE000VA77A35	CAC40 5497TS OPENV	EUR	4,8380	4,8380	4,8380				4,8380				
Certificate	DE000CP06V81	CAC40 5500TS OPENC	EUR	4,9500	4,9500	4,9500				4,9500				
Certificate	DE000CP064K5	CAC40 5500TS OPENC	EUR											
Certificate	NL0013078413	CAC40 5502TRSOPENH	EUR	4,9400	4,9400	4,9400				4,9400				
Certificate	DE000CJ3NZW4	CAC40 5505TS OPENZ	EUR	5,0100	5,0100	5,0100				5,0100				
Certificate	DE000VA7PWG6	CAC40 5522TS OPENV	EUR	5,0800	5,0800	5,0800				5,0800				
Certificate	NL0013078132	CAC40 5526TRSOPENH	EUR	5,1800	5,1800	5,1800				5,1800				
Certificate	NL0012920649	CAC40 5550TS OPENH	EUR	6,5400	6,5400	6,5400				6,5400				
Certificate	NL0012916316	CAC40 5557TRSOPENH	EUR	5,4900	5,4900	5,4900				5,4900				
Certificate	NL0012530059	CAC40 5566TRSOPENH	EUR	5,5800	5,5800	5,5800				5,5800				
Certificate	NL0012786461	CAC40 5573BS OPENB	EUR	5,9000	5,9000	5,9000				5,9000				
Certificate	NL0012785687	CAC40 5580TS OPENB	EUR	6,7800	6,7800	6,7800				6,7800				
Certificate	NL0012539878	CAC40 5580TS OPENH	EUR	6,7800	6,7800	6,7800				6,7800				
Certificate	NL0012905350	CAC40 5588TRSOPENH	EUR	5,8000	5,8000	5,8000				5,8000				
Certificate	DE000CE6CGS3	CAC40 5602TS OPENZ	EUR	5,9800	5,9800	5,9800				5,9800				
Certificate	NL0012916308	CAC40 5606TRSOPENH	EUR	5,9800	5,9800	5,9800				5,9800				
Certificate	NL0012529085	CAC40 5610TS OPENH	EUR	7,0800	7,0800	7,0800				7,0800				
Certificate	NL0012905343	CAC40 5618TRSOPENH	EUR	6,1000	6,1000	6,1000				6,1000				
Certificate	NL0012051643	CAC40 5620TS OPENH	EUR	7,5300	7,5300	7,2100	3765,0000	1	7,2100	500				
Certificate	DE000VA15UL4	CAC40 5627TS OPENV	EUR	5,3200	5,3200	5,3200				5,3200				
Certificate	NL0012890586	CAC40 5640TS OPENH	EUR	7,5100	7,5100	7,3900	375,5000	1	7,3900	50				
Certificate	NL0012904049	CAC40 5641TRSOPENH	EUR	6,3300	6,3300	6,3300				6,3300				
Certificate	NL0012905657	CAC40 5650TRSOPENH	EUR	6,4200	6,4200	6,4200				6,4200				
Certificate	DE000VA15UN0	CAC40 5652TS OPENV	EUR	5,5700	5,5700	5,5700				5,5700				
Certificate	NL0011590393	CAC40 5663TRSOPENH	EUR	6,5500	6,5500	6,5500				6,5500				
Certificate	NL0012895064	CAC40 5670TS OPENH	EUR	7,7400	7,7400	7,7400				7,7400				
Certificate	NL0012790786	CAC40 5677BS OPENB	EUR	6,9400	6,9400	6,9400				6,9400				
Certificate	NL0012918882	CAC40 5681TRSOPENH	EUR	6,7300	6,7300	6,7300				6,7300				
Certificate	NL0012905640	CAC40 5690TRSOPENH	EUR	6,8200	6,8200	6,8200				6,8200				
Certificate	NL0013003148	CAC40 5690TS OPENB	EUR	7,3400	7,3400	7,3400				7,3400				
Certificate	DE000CQ5BLX3	CAC40 5700TS OPENC	EUR	6,5100	6,5100	6,5100				6,5100				
Certificate	DE000CE6CSU4	CAC40 5703TS OPENZ	EUR	6,9900	6,9900	6,9900				6,9900				
Certificate	NL0011227905	CAC40 5710TS OPENH	EUR	8,1600	8,1600	8,1600				8,1600				
Certificate	NL0012904031	CAC40 5711TRSOPENH	EUR	7,0300	7,0300	7,0300				7,0300				
Certificate	NL0012557235	CAC40 5724TRSOPENH	EUR	7,1600	7,1600	7,1600				7,1600				
Certificate	NL0013001001	CAC40 5729BS OPENB	EUR	7,4200	7,4200	7,4200				7,4200				
Certificate	NL0012520100	CAC40 5735TRSOPENH	EUR											
Certificate	NL0012905632	CAC40 5750TRSOPENH	EUR	7,4200	7,4200	7,4200				7,4200				
Certificate	NL0012860688	CAC40 5760TS OPENH	EUR	8,6200	8,6200	8,6200				8,6200				
Certificate	DE000VA15QS7	CAC40 5765TS OPENV	EUR	6,3300	6,3300	6,3300				6,3300				
Certificate	NL0013003056	CAC40 5780BS OPENB	EUR	7,9400	7,9400	7,9400				7,9400				
Certificate	NL0012904775	CAC40 5787TRSOPENH	EUR	7,7900	7,7900	7,7900				7,7900				
Certificate	NL0012558068	CAC40 5790TS OPENH	EUR	8,9900	8,9900	8,9900				8,9900				
Certificate	NL0012791693	CAC40 5800TS OPENB	EUR	9,0800	9,0800	9,0800				9,0800				
Certificate	DE000CY52EW8	CAC40 5800TS OPENC	EUR	5,4600	5,4600	5,4600				5,4600				
Certificate	LU1790508979	CAC40 5818TPIOPENS	EUR	7,7000	7,7000	7,7000				7,7000				
Certificate	DE000CE6D194	CAC40 5823TS OPENZ	EUR	8,1800	8,1800	8,1800				8,1800				
Certificate	NL0012848584	CAC40 5830TS OPENH	EUR	9,3900	9,3900	9,3900				9,3900				
Certificate	NL0012848253	CAC40 5841TRSOPENH	EUR	8,3300	8,3300	8,3300				8,3300				
Certificate	NL0013003155	CAC40 5860TS OPENB	EUR	9,0500	9,0500	9,0500				9,0500				
Certificate	LU1651904085	CAC40 5866TPIOPENS	EUR											
Certificate	NL0012905624	CAC40 5869TRSOPENH	EUR	8,6100	8,6100	8,6100				8,6100				
Certificate	NL0012909055	CAC40 5880TS OPENH	EUR	9,8600	9,8600	9,8600				9,8600				
Certificate	LU1695124005	CAC40 5903TPIOPENS	EUR											
Certificate	NL0012904767	CAC40 5906TRSOPENH	EUR	8,9800	8,9800	8,9800				8,9800				
Certificate	NL0012860944	CAC40 5920TS OPENH	EUR	10,2500	10,2500	10,2500				10,2500				
Certificate	DE000CE6F1F8	CAC40 5921TS OPENZ	EUR	9,1600	9,1600	9,1600				9,1600				
Certificate	NL0012905616	CAC40 5929TRSOPENH	EUR	9,2100	9,2100	9,2100				9,2100				
Certificate	NL0012894943	CAC40 5930TS OPENH	EUR	10,3900	10,3900	10,3900				10,3900				
Certificate	NL0012269641	CAC40 5940BOCI1218B	EUR	57,7000	58,2700	57,7000				58,2700				
Certificate	DE000VA1ZD97	CAC40 5959TS OPENV	EUR	7,8600	7,8600	7,8600				7,8600				
Certificate	NL0012243141	CAC40 5960TS OPENH	EUR	10,6800	10,6800	10,6800				10,6800				
Certificate	NL0012864045	CAC40 5964TRSOPENH	EUR	9,5600	9,5600	9,5600				9,5600				
Certificate	DE000VL2FX77	CAC40 5970TS OPENV	EUR	6,6000	6,6000	6,6000				6,6000				
Certificate	DE000VL37H42	CAC40 5971TS OPENV	EUR	7,7600	7,7600	7,7600				7,7600				
Certificate	DE000VA1ZEB7	CAC40 5984TS OPENV	EUR	8,1100	8,1100	8,1100				8,1100				
Certificate	NL0013003833	CAC40 5990TS OPENB	EUR	10,3600	10,3600	10,3600				10,3600				
Certificate	DE000CQ5BNL4	CAC40 6000TS OPENC	EUR	9,5400	9,5400	9,5400				9,5400				



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	DE000CY16XV5	CAC40 6000TS OPENC	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	DE000CY52ND9	CAC40 6000TS OPENC	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	DE000CQ58AT4	CAC40 6000TS OPENC	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	DE000CY50412	CAC40 6000TS OPENC	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	DE000VA1ZED3	CAC40 6009TS OPENV	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	NL0012097729	CAC40 6010TS OPENV	EUR	11,2000	11,2000	11,2000			11,2000					
Certificate	NL0012905608	CAC40 6019TRSOPENH	EUR	10,1100	10,1100	10,1100			10,1100					
Certificate	DE000VL2FYA4	CAC40 6020TS OPENV	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	DE000VL37H59	CAC40 6021TS OPENV	EUR	8,2600	8,2600	8,2600			8,2600					
Certificate	DE000CE6FA83	CAC40 6022TS OPENZ	EUR	10,1700	10,1700	10,1700			10,1700					
Certificate	DE000VN66L71	CAC40 6031TS OPENV	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000VN66M21	CAC40 6031TS OPENV	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	DE000VA1ZEE1	CAC40 6034TS OPENV	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	DE000VA1ZEF8	CAC40 6059TS OPENV	EUR	8,8500	8,8500	8,8500			8,8500					
Certificate	DE000VL2FYC0	CAC40 6070TS OPENV	EUR	7,5800	7,5800	7,5800			7,5800					
Certificate	DE000VL37H67	CAC40 6071TS OPENV	EUR	8,7600	8,7600	8,7600			8,7600					
Certificate	DE000VN66M47	CAC40 6081TS OPENV	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	DE000VN66L97	CAC40 6081TS OPENV	EUR	6,3800	6,3800	5,9300	36,7300	6	6,0700	6				
Certificate	DE000VA1ZEG6	CAC40 6084TS OPENV	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	NL0012903819	CAC40 6090TS OPENV	EUR	11,9700	11,9700	11,9700			11,9700					
Certificate	DE000VA15QU3	CAC40 6090TS OPENV	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	LU1756868433	CAC40 6091TPIOPENS	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	DE000CY52EX6	CAC40 6100TS OPENC	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	DE000VA15QW9	CAC40 6115TS OPENV	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	DE000CE6FCK2	CAC40 6119TS OPENZ	EUR	11,1400	11,1400	11,1400			11,1400					
Certificate	NL0013003841	CAC40 6120TS OPENV	EUR	11,7600	11,7600	11,7600			11,7600					
Certificate	DE000VA15QX7	CAC40 6140TS OPENV	EUR	10,0500	10,0500	10,0500			10,0500					
Certificate	DE000VA15Q22	CAC40 6165TS OPENV	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	NL0012905590	CAC40 6179TRSOPENH	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	DE000CY16F96	CAC40 6200TS OPENC	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	DE000CY16XW3	CAC40 6200TS OPENC	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	DE000CY51G18	CAC40 6200TS OPENC	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	NL0013003858	CAC40 6320TS OPENV	EUR	13,7600	13,7600	13,7600			13,7600					
Certificate	DE000CV89051	CAC40 6328TS OPENZ	EUR	13,2300	13,2300	13,2300			13,2300					
Certificate	NL0012906028	CAC40 6329TRSOPENH	EUR	13,2100	13,2100	13,2100			13,2100					
Certificate	NL0012903801	CAC40 6340TS OPENV	EUR	14,5200	14,5200	14,5200			14,5200					
Certificate	DE000CY501L3	CAC40 6400TS OPENC	EUR	10,4300	10,4300	10,4300			10,4300					
Certificate	DE000CY52RY6	CAC40 6400TS OPENC	EUR	11,5400	11,5400	11,5400			11,5400					
Certificate	NL0012196562	CAC40 6489TRSOPENH	EUR	14,8100	14,8100	14,8100			14,8100					
Certificate	DE000CY50QT2	CAC40 6500TS OPENC	EUR	12,0600	12,0600	12,0600			12,0600					
Certificate	DE000CY16H60	CAC40 6500TS OPENC	EUR	10,3500	10,3500	10,3500			10,3500					
Certificate	DE000CQ5A9T2	CAC40 6500TS OPENC	EUR	13,0600	13,0600	13,0600			13,0600					
Certificate	DE000CQ58AU2	CAC40 6500TS OPENC	EUR	14,2900	14,2900	14,2900			14,2900					
Certificate	DE000CV87MQ5	CAC40 6518TS OPENZ	EUR	15,1300	15,1300	15,1300			15,1300					
Certificate	NL0012175947	CAC40 6577TRSOPENH	EUR	15,6900	15,6900	15,6900			15,6900					
Certificate	DE000CY50LJ4	CAC40 6600TS OPENC	EUR	12,5800	12,5800	12,5800			12,5800					
Certificate	DE000CQ5AC16	CAC40 6600TS OPENC	EUR	13,6300	13,6300	13,6300			13,6300					
Certificate	NL0012202071	CAC40 6766TRSOPENH	EUR	17,5800	17,5800	17,5800			17,5800					
Certificate	DE000CQ5BEV2	CAC40 6800TS OPENC	EUR	17,2200	17,2200	17,2200			17,2200					
Certificate	DE000CY52AT2	CAC40 6800TS OPENC	EUR	15,1900	15,1900	15,1900			15,1900					
Certificate	NL0012860894	CAC40 6850TS OPENV	EUR	19,7400	19,7400	19,7400			19,7400					
Certificate	DE000CV88L52	CAC40 6926TS OPENZ	EUR	19,2100	19,2100	19,2100			19,2100					
Certificate	DE000CY52GA9	CAC40 7000TS OPENC	EUR	17,7000	17,7000	17,7000			17,7000					
Certificate	NL0012906010	CAC40 7127TRSOPENH	EUR	21,1900	21,1900	21,1900			21,1900					
Certificate	NL0013082241	CAC40 7296TRSOPENH	EUR	22,8800	22,8800	22,8800			22,8800					
Certificate	NL0012524300	CAC40 7529TRSOPENH	EUR	25,2100	25,2100	25,2100			25,2100					
Certificate	NL0012523591	CAC40 7610TS OPENV	EUR	27,5400	27,5400	27,5400			27,5400					
Certificate	NL0012906002	CAC40 7876TRSOPENH	EUR	28,6700	28,6700	28,6700			28,6700					
Certificate	NL0012520092	CAC40 7895TRSOPENH	EUR											
Certificate	DE000CX592U4	CAGRI 8TL OPENC	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	DE000CX59PD1	CAGRI 9TL OPENC	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	DE000CQ58E21	CAGRI 9TL OPENC	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CX59KA8	CAGRI 9TL OPENC	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000CX59PE9	CAGRI 10TL OPENC	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000CX59KB6	CAGRI 10TL OPENC	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CY16AJ8	CAGRI 11TL OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CX59UY7	CAGRI 11TL OPENC	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CY16RZ8	CAGRI 12TL OPENC	EUR											
Certificate	DE000CP06TU4	CAGRI 13TS OPENC	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CY52VF7	CAGRI 15TS OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000CY50GX5	CAGRI 16TS OPENC	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	DE000CQ5AC54	CAGRI 16TS OPENC	EUR	3,7500	3,7500	3,7500			3,7500					



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	DE000CY500G5	CAGRI 16TS OPENC	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000CY16WS3	CAGRI 18TS OPENC	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	DE000CY50EN1	CAGRI 18TS OPENC	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	NL0012049795	CAGRI 9.2TL OPENH	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	NL0012115091	CAGRI 10.5TL OPENB	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	NL0012934582	CAGRI 11.2TL OPENH	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CP06768	CAGRI 11.5TL OPENC	EUR											
Certificate	NL0010133906	CAGRI 2.01TL OPENB	EUR	9,5150	9,5150	9,5150			9,5150					
Certificate	NL0011599709	CAGRI 3.32TL OPENH	EUR	8,2300	8,3300	8,2300			8,3300					
Certificate	NL0010379244	CAGRI 4.06TL OPENB	EUR	7,6250	7,6250	7,6250			7,6250					
Certificate	NL0011413075	CAGRI 4.56TL OPENH	EUR	7,1000	7,2000	7,1000			7,2000					
Certificate	NL0012056279	CAGRI 8.14TL OPENH	EUR	3,8400	3,9500	3,8400			3,9500					
Certificate	DE000CE6BV41	CAGRI10.85TL OPENZ	EUR	0,4950	0,5600	0,4950			0,5600					
Certificate	NL0012931604	CAGRI11.32TL OPENH	EUR											
Certificate	DE000CJ3NME0	CAGRI11.84TL OPENZ	EUR											
Certificate	NL0012582522	CAGRI13.76TS OPENH	EUR	4,0300	4,0300	3,9000	975,0000	1	3,9200	250				
Certificate	NL0012559678	CAGRI14.72TS OPENH	EUR	5,1000	5,1000	4,9900			4,9900					
Certificate	NL0012560932	CAGRI14.73TS OPENH	EUR	5,1100	5,1100	5,0000			5,0000					
Certificate	NL0012107510	CAGRI14.87TS OPENB	EUR	5,1750	5,1750	5,1750			5,1750					
Certificate	NL0012054050	CAGRI15.74TS OPENH	EUR	6,2300	6,2300	6,1200			6,1200					
Certificate	NL0012049779	CAGRI16.18TS OPENH	EUR	6,7200	6,7300	6,6100	9398,0000	2	6,6100	1400				
Certificate	NL0012313969	CAGRI18.17TS OPENH	EUR	8,9300	8,9300	8,8200			8,8200					
Certificate	NL0012313951	CAGRI18.65TS OPENH	EUR	9,4700	9,4700	9,3600			9,3600					
Certificate	NL0012313944	CAGRI20.59TS OPENH	EUR	11,6200	11,6200	11,5100			11,5100					
Certificate	NL0012371710	CAGRI22.57TS OPENH	EUR	13,8100	13,8100	13,7000			13,7000					
Certificate	DE000CV898J0	CAGRI7.856TL OPENZ	EUR	3,4550	3,5200	3,4550			3,5200					
Certificate	DE000CV89P40	CAGRI8.854TL OPENZ	EUR	2,4650	2,5300	2,4650			2,5300					
Certificate	DE000CD63PN4	CAGRI9.852TL OPENZ	EUR	1,4750	1,5400	1,4750			1,5400					
Certificate	NL0012023543	CAMEC 6.7TL OPENB	EUR	4,3400	4,3400	4,1200	5669,0000	2	4,1200	1350				
Certificate	NL0012781207	CAPGE 98TL OPENB	EUR											
Certificate	NL0013012776	CAPGE 100TL OPENB	EUR											
Certificate	NL0010905261	CAPGE 50.7TL OPENB	EUR	4,9050	5,6250	4,9050			5,6250					
Certificate	NL0010926572	CAPGE 59.2TL OPENB	EUR	4,1250	4,8450	4,1250			4,8450					
Certificate	NL0011652094	CAPGE 69.7TL OPENB	EUR	3,8650	3,8650	3,8650			3,8650					
Certificate	NL0012120661	CAPGE 79.9TL OPENB	EUR	2,9150	2,9150	2,9150			2,9150					
Certificate	NL0012259543	CAPGE 84.1TL OPENB	EUR	2,5350	2,5350	2,5350			2,5350					
Certificate	DE000CV88KJ2	CAPGE100.3TL OPENZ	EUR											
Certificate	NL0013015639	CAPGE107.4TS OPENB	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	NL0013010044	CAPGE110.4TS OPENB	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	NL0013010051	CAPGE113.4TS OPENB	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	NL0012985469	CAPGE116.3TS OPENB	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	NL0013005564	CAPGE119.4TS OPENB	EUR	2,6650	2,6650	2,6650			2,6650					
Certificate	DE000CN6JXM5	CAPGE71.57TL OPENZ	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000CE6BW65	CAPGE80.49TL OPENZ	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000CE6CRK7	CAPGE90.41TL OPENZ	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CE6CD59	CARBO 4.5TL OPENZ	EUR	15,4300	15,4300	14,9600			14,9600					
Certificate	DE000CV87V10	CARBO 9.5TL OPENZ	EUR	10,5700	10,5700	9,8700	730,3800	1	9,8700	74				
Certificate	DE000CE6E820	CARBO 5.02TL OPENZ	EUR	14,9300	14,9300	14,4500			14,4500					
Certificate	DE000CE6F6K7	CARBO 5.53TL OPENZ	EUR	14,4300	14,4300	13,9500			13,9500					
Certificate	DE000CV87EV2	CARBO 8.73TL OPENZ	EUR	11,3300	11,3300	10,8500			10,8500					
Certificate	DE000CV88509	CARBO12.08TL OPENZ	EUR	8,0500	8,0500	7,5800			7,5800					
Certificate	DE000CV885M1	CARBO17.22TL OPENZ	EUR	3,0800	3,0800	2,6000			2,6000					
Certificate	DE000CJ3N3Z4	CARBO21.19TS OPENZ	EUR	2,4000	2,8700	2,4000			2,8700					
Certificate	DE000CJ3NJA4	CARBO24.19TS OPENZ	EUR	5,5100	5,9800	5,5100			5,9800					
Certificate	DE000CV88BR3	CARBO29.03TS OPENZ	EUR	10,5100	10,9700	10,5100			10,9700					
Certificate	DE000CE6DC59	CARLS 668. TL OPENZ	EUR	0,1650	0,1650	0,1350			0,1350					
Certificate	DE000CN6EPG4	CARLS464.9TL OPENZ	EUR	0,7150	0,7150	0,6850			0,6850					
Certificate	DE000CR6XTE7	CARLS514.7TL OPENZ	EUR	0,5750	0,5750	0,5450			0,5450					
Certificate	DE000CN6JWA2	CARLS563.8TL OPENZ	EUR	0,4450	0,4450	0,4150			0,4150					
Certificate	NL0011419098	CATER 52.2TL OPENH	EUR	55,8000	57,4900	55,8000			57,4900					
Certificate	NL0000455343	CEC PI OPENN	EUR	16,5300	16,5300	16,5300			16,5300					
Certificate	NL0009070499	CEC 500TL OPENB	EUR	11,8200	11,8200	11,8200			11,8200					
Certificate	NL0012793996	CEC 1510TL OPENB	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0012983761	CEC 1620TL OPENB	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	NL0012790430	CEC 1790TS OPENB	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	NL0012687925	CEC 1900TS OPENB	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	NL0013008667	CFEB 67.78L OPENB	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	NL0012998165	CFEB 109.68S OPENB	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	DE000CV4ZZK5	CFEB 114.3TS OPENZ	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	NL0012998173	CFEB 124.68S OPENB	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	DE000CV4ZJTO	CFEB 127.4TS OPENZ	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CJ3N6Z7	CFEB 59.28TL OPENZ	EUR	1,6900	1,6900	1,6900			1,6900					



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	DE000CV89B46	CFEB 66.28TL OPENZ	EUR	1,4500	1,4500	1,3700	3710,0000	3	1,3700	2600				
Certificate	DE000CN661P7	CFEB 77.05TL OPENZ	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	NL0012997944	CFEB 77.71BL OPENB	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CD62VR5	CFEB 84.54TL OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012997951	CFEB 87.74BL OPENB	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	DE000CJ3PB33	CFEB 91.54TL OPENZ	EUR											
Certificate	NL0012437107	CFOUR 23TS OPENH	EUR	7,8400	7,8400	7,8300			7,8300					
Certificate	NL0012932347	CFOUR 13.4TL OPENH	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000CV883Z8	CFOUR 14.7TL OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0010113866	CFOUR 7.57TL OPENB	EUR	9,8600	9,8600	9,8600			9,8600					
Certificate	NL0012313993	CFOUR 7.96TL OPENH	EUR	9,6300	9,6400	9,6300			9,6400					
Certificate	DE000CV88590	CFOUR10.71TL OPENZ	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	NL0010128989	CFOUR10.94TL OPENB	EUR	6,8100	6,8300	6,7300	8853,0000	2	6,7300	1300				
Certificate	NL0012313985	CFOUR11.02TL OPENH	EUR	6,7800	6,7900	6,7800			6,7900					
Certificate	DE000CV89P32	CFOUR11.71TL OPENZ	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CE6EKF8	CFOUR12.71TL OPENZ	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0012794366	CFOUR12.95TL OPENB	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	NL0012985105	CFOUR13.95TL OPENB	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	NL0012897839	CFOUR14.74TL OPENH	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0012996706	CFOUR14.94TL OPENB	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	NL0013013667	CFOUR15.94TL OPENB	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0012775670	CFOUR17.04TS OPENB	EUR											
Certificate	DE000CV87ZP9	CFOUR17.74TS OPENZ	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	NL0012492383	CFOUR19.01TS OPENB	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	NL0012572614	CFOUR19.26TS OPENH	EUR	3,8000	3,8000	3,7900			3,7900					
Certificate	NL0012572606	CFOUR19.75TS OPENH	EUR	4,3300	4,3300	4,3200			4,3200					
Certificate	NL0012437115	CFOUR20.08TS OPENH	EUR	4,6900	4,6900	4,6800			4,6800					
Certificate	NL0013014202	CFOUR21.01TS OPENB	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	NL0011599733	CFOUR23.68TS OPENH	EUR	8,5700	8,5700	8,5500			8,5500					
Certificate	NL0012211379	CFOUR27.69TS OPENH	EUR	12,9000	12,9000	12,8900			12,8900					
Certificate	NL0011415583	CFOUR29.05TS OPENH	EUR	14,3700	14,3700	14,3500			14,3500					
Certificate	NL0012313977	CFOUR33.65TS OPENH	EUR	19,3400	19,3400	19,3200			19,3200					
Certificate	DE000CV89P24	CFOUR8.704TL OPENZ	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000CJ3N575	CHCST 4.37TL OPENZ	EUR	2,2450	2,4000	2,2450			2,4000					
Certificate	DE000CV89TH5	CHCST 5.07TL OPENZ	EUR	1,5250	1,6700	1,5250			1,6700					
Certificate	DE000CJ3PE71	CHCST 5.77TL OPENZ	EUR	0,7750	0,9200	0,7750			0,9200					
Certificate	DE000CV89TJ1	CHCST 6.13TL OPENZ	EUR											
Certificate	NL0009068931	CHMOB 16.2TL OPENB	EUR	2,8450	2,8450	2,8450			2,8450					
Certificate	NL0006472730	CHMOB 21.9TL OPENB	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	NL0009070697	CHMOB 27.6TL OPENB	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	NL0009173004	CHMOB 33.9TL OPENB	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	DE000CV89TM5	CHMOB 51.5TL OPENZ	EUR	2,7550	2,8400	2,7550			2,8400					
Certificate	DE000CV89TN3	CHMOB62.09TL OPENZ	EUR	1,6250	1,7100	1,6250			1,7100					
Certificate	DE000CV887X4	CHMOB72.62TL OPENZ	EUR	0,5050	0,5900	0,5050			0,5900					
Certificate	NL0010129714	CISCO 5.3TL OPENB	EUR	35,6300	35,6300	35,6300			35,6300					
Certificate	NL00090703644	CISCO 7.9TL OPENB	EUR	33,5500	33,5500	33,5500			33,5500					
Certificate	NL0010130662	CISCO 10.1TL OPENB	EUR	31,7900	31,7900	31,7900			31,7900					
Certificate	NL0010252789	CISCO 14.6TL OPENB	EUR	28,1500	28,1500	28,1500			28,1500					
Certificate	NL0011910609	CISCO 27.8TL OPENB	EUR	17,6000	17,6000	17,6000			17,6000					
Certificate	DE000CX0KZJ5	CISCO28.19TL OPENC	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0010135158	CITI 32.01TL OPENB	EUR	32,3500	32,3500	32,3500			32,3500					
Certificate	NL0011915152	CITI 43.76TL OPENB	EUR	23,3500	23,3500	23,3500			23,3500					
Certificate	NL0012024707	CITI 48.45TL OPENB	EUR	19,7500	19,7500	19,7500			19,7500					
Certificate	DE000VA545W2	CL1 SHROPNV	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	DE000VA23451	CL1 SHROPNV	EUR	0,3560	0,3560	0,3560			0,3560					
Certificate	DE000CJ3N4P3	CLARI16.33TL OPENZ	EUR	0,8850	0,9550	0,8850			0,9550					
Certificate	DE000CV8AV36	CLARI18.83TL OPENZ	EUR	0,4650	0,5350	0,4650			0,5350					
Certificate	DE000CV8AV44	CLARI20.91TL OPENZ	EUR											
Certificate	DE000CV88AA1	CLIFE12.95TL OPENZ	EUR	0,5250	0,5500	0,5250			0,5500					
Certificate	DE000CV89TK9	CLIFE15.09TL OPENZ	EUR	0,2950	0,3300	0,2950			0,3300					
Certificate	DE000CV89TL7	CLIFE17.15TL OPENZ	EUR											
Certificate	DE000CV89VX8	CLIFE19.22TL OPENZ	EUR											
Certificate	NL00090706407	CM10Y STN1120V	EUR											
Certificate	DE000CE6C915	CNH= 7.37TS OPENZ	EUR	5,5500	5,5500	5,4900			5,4900					
Certificate	DE000CV42969	CNH= 5.853TL OPENZ	EUR	14,0750	14,2000	14,0750			14,2000					
Certificate	DE000CV8AVN2	CNH= 7.869TS OPENZ	EUR	11,8500	11,8500	11,8000			11,8000					
Certificate	DE000VL23R12	CO1 LEVOPENV	EUR											
Certificate	DE000VL51Z25	CO1 SHROPNV	EUR	0,0150	0,0150	0,0150			0,0150					
Certificate	DE000VA234V5	CO1 SHROPNV	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	NL0006469876	COCA 10TL OPENB	EUR	65,3700	65,3700	65,3700			65,3700					
Certificate	NL0009809797	COCA 25.8TL OPENB	EUR	39,3500	39,3500	39,3500			39,3500					
Certificate	NL0010111233	COCA 31.2TL OPENB	EUR	30,5900	30,5900	30,5900			30,5900					



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	DE000CV89SL9	COCA 33.1TL OPENZ	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	NL0010374534	COCA 34.3TL OPENB	EUR	12,7300	12,7300	12,7300			12,7300					
Certificate	NL0012281372	COCA 50.5TS OPENB	EUR	7,2450	7,2450	7,2450			7,2450					
Certificate	NL0012510390	COCA 55.7TS OPENB	EUR	12,1450	12,1450	12,1450			12,1450					
Certificate	NL0011414073	COCA 59.9TS OPENH	EUR	15,8000	16,1600	15,8000			16,1600					
Certificate	DE000CR6XYR9	COCA 23.07TL OPENZ	EUR	18,8500	18,8500	17,9400			17,9400					
Certificate	DE000CD61R26	COCA 24.29TL OPENZ	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CD613T4	COCA 27.91TL OPENZ	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	NL0011414198	COCA 28.58TL OPENH	EUR	17,6300	17,6300	17,3900			17,3900					
Certificate	DE000CR6XTZ2	COCA 28.89TL OPENZ	EUR	13,7500	13,7500	12,8200			12,8200					
Certificate	NL0011414180	COCA 30.77TL OPENH	EUR	15,8400	15,8400	15,6000			15,6000					
Certificate	NL0011414172	COCA 32.95TL OPENH	EUR	14,0600	14,0600	13,8100			13,8100					
Certificate	NL0011414164	COCA 35.14TL OPENH	EUR	12,2800	12,2800	12,0100			12,0100					
Certificate	DE000CR1JQ70	COCA 35.17TL OPENZ	EUR	10,1500	10,1500	9,9500			9,9500					
Certificate	NL0011414156	COCA 37.32TL OPENH	EUR	10,4900	10,4900	10,2200			10,2200					
Certificate	DE000CR4HYM8	COCA 37.78TL OPENZ	EUR	7,8400	7,8400	7,6300			7,6300					
Certificate	NL0011414149	COCA 39.51TL OPENH	EUR	8,7000	8,7000	8,4300			8,4300					
Certificate	NL0011414099	COCA 48.28TS OPENH	EUR	4,7900	5,2000	4,7900	260,0000	1	5,1100	50				
Certificate	NL0011414081	COCA 54.09TS OPENH	EUR	10,2900	10,6400	10,2900			10,6400					
Certificate	DE000CE6CG15	COCOA 1550TL OPENZ	EUR	5,6200	6,2700	5,6200			6,2700					
Certificate	DE000CE6CG23	COCOA 1660TL OPENZ	EUR	4,7500	5,3950	4,7500			5,3950					
Certificate	DE000CE6BJ59	COCOA 1770TL OPENZ	EUR	3,7600	4,4050	3,7600			4,4050					
Certificate	DE000CE6BJR1	COCOA 1880TL OPENZ	EUR	2,7900	3,4250	2,7900			3,4250					
Certificate	DE000CJ3PCA4	COCOA 2080TL OPENZ	EUR	1,0800	1,7150	1,0800			1,7150					
Certificate	DE000CJ3NWL4	COCOA 2280TS OPENZ	EUR	1,9000	1,9000	1,2800			1,2800					
Certificate	DE000CV8AHY8	COCOA 2480TS OPENZ	EUR	3,7550	3,7550	3,1450	370,0000	1	3,1450	100				
Certificate	DE000CV89D02	COCOA 2670TS OPENZ	EUR	5,5000	5,5000	4,8950			4,8950					
Certificate	DE000CV894M3	COCOA 2860TS OPENZ	EUR	7,2500	7,2500	6,6500			6,6500					
Certificate	DE000CV87XH1	COCOA 3060TS OPENZ	EUR	9,0000	9,0000	8,4050			8,4050					
Certificate	DE000CV884B7	COCOA 3250TS OPENZ	EUR	10,7300	10,7300	10,1450			10,1450					
Certificate	DE000CB1N1X2	COCOA 3440TS OPENZ	EUR	12,5000	12,5000	11,9250			11,9250					
Certificate	DE000VN611D7	COFFE LEVOPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VA1ZHS4	COFFE LEVOPENV	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	DE000VA545Z5	COFFE LEVOPENV	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	DE000VN611B1	COFFE LEVOPENV	EUR	0,9210	0,9210	0,9210			0,9210					
Certificate	DE000VN611C9	COFFE LEVOPENV	EUR	0,0220	0,0220	0,0220			0,0220					
Certificate	DE000VN611G0	COFFE SHROPENV	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000VN611E5	COFFE SHROPENV	EUR	13,7300	13,7300	13,7300			13,7300					
Certificate	DE000VN611F2	COFFE SHROPENV	EUR	5,1000	5,7700	5,1000	1075,0000	2	5,7700	200				
Certificate	DE000CJ3NOH8	COFFE 0.99TL OPENZ	EUR	2,0750	2,1250	2,0750			2,1250					
Certificate	DE000CJ3PA00	COFFE 1.09TL OPENZ	EUR	1,2000	1,2450	1,2000			1,2450					
Certificate	DE000CV89GN0	COFFE 1.31TS OPENZ	EUR	1,2200	1,2200	1,1850			1,1850					
Certificate	DE000CV881K4	COFFE0.811TL OPENZ	EUR	3,6150	3,6750	3,6150			3,6750					
Certificate	DE000CV88WU4	COFFE0.891TL OPENZ	EUR	2,9250	2,9750	2,9250			2,9750					
Certificate	DE000CV881L2	COFFE1.161TS OPENZ	EUR											
Certificate	DE000CV89UZ5	COFFE1.233TS OPENZ	EUR											
Certificate	DE000CV87J57	COFFE1.382TS OPENZ	EUR	1,8650	1,8650	1,8300			1,8300					
Certificate	DE000CV4Z1V7	COFFE1.456TS OPENZ	EUR	2,5300	2,5300	2,5000			2,5000					
Certificate	DE000CE6EGH2	COFFE1.564TS OPENZ	EUR	3,4950	3,4950	3,4700			3,4700					
Certificate	DE000CE6DB76	COFFE1.678TS OPENZ	EUR	4,5150	4,5150	4,4850			4,4850					
Certificate	DE000CD62YV1	COFFE2.055TS OPENZ	EUR	7,8800	7,8800	7,8700			7,8700					
Certificate	NL0013011000	COFIN 107TS OPENB	EUR											
Certificate	NL0013002389	COFIN 77.1TL OPENB	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	NL001299262	COFIN 87.1TL OPENB	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000CE6BJC3	COFIN 89.2TL OPENZ	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	NL001299270	COFIN 97.2TL OPENB	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CJ3NXYS	COFIN101.8TL OPENZ	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	NL001299296	COFIN116.7TS OPENB	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	DE000CV89H16	COFIN119.3TS OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	NL001299304	COFIN126.8TS OPENB	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000CR9PUY3	COFIN67.64TL OPENZ	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000CR9PBQ9	COFIN73.95TL OPENZ	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	DE000CR9PBP1	COFIN81.24TL OPENZ	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	DE000CR4JFL5	COFIN85.32TL OPENZ	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	DE000CN6K2W5	COFIN88.46TL OPENZ	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	DE000CD648M5	COFIN95.75TL OPENZ	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	NL0012992978	COLRT 51.58S OPENB	EUR	0,1250	0,1250	0,1250			0,1250					
Certificate	DE000CV89EH7	COLRT26.75TL OPENZ	EUR	4,7150	4,8850	4,7150			4,8850					
Certificate	DE000CE6DPY0	COLRT31.83TL OPENZ	EUR	0,9200	0,9650	0,9200			0,9650					
Certificate	DE000CR4J456	COLRT34.34TL OPENZ	EUR	0,8000	0,8450	0,8000			0,8450					
Certificate	DE000CR4J8T4	COLRT37.42TL OPENZ	EUR	0,6400	0,6850	0,6400			0,6850					
Certificate	DE000CR6XCR5	COLRT40.82TL OPENZ	EUR	0,4700	0,5150	0,4700			0,5150					



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	DE000CV88729	COLRT42.78TL OPENZ	EUR	1,5150	1,6850	1,5150			1,6850					
Certificate	NL0013001084	COLRT43.14BL OPENB	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0012992671	COLRT45.15BL OPENB	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	DE000CV89VF5	COLRT46.75TL OPENZ	EUR	0,7250	0,8950	0,7250			0,8950					
Certificate	NL0012992689	COLRT47.16BL OPENB	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	DE000CV875G3	COLRT53.76TS OPENZ	EUR	0,1900	0,1900	0,1450	4000,0000	1	0,1450	25000				
Certificate	NL0012992986	COLRT55.48BS OPENB	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	DE000CV88R15	COLRT58.75TS OPENZ	EUR	1,7550	1,7800	1,5850	1516,5600	1	1,5850	852				
Certificate	DE000CV89W41	COLRT63.74TS OPENZ	EUR	2,7550	2,7550	2,5750			2,5750					
Certificate	NL0012555718	CONTI 272TS OPENH	EUR	15,3700	15,3700	15,3700			15,3700					
Certificate	DE000CJ3NTG0	CONTI100.8TL OPENZ	EUR	2,7800	3,7900	2,7800	947,5000	1	3,7700	250				
Certificate	DE000CV882M8	CONTI115.9TL OPENZ	EUR	1,2900	2,2800	1,2900	7154,8400	2	2,2800	4444				
Certificate	NL0011895800	CONTI116.2TL OPENH	EUR	2,9000	2,9900	2,9000	971,5000	1	2,9900	335				
Certificate	NL0013086119	CONTI129.8TL OPENH	EUR											
Certificate	DE000CJ3N8H1	CONTI130.7TL OPENZ	EUR											
Certificate	NL0013082589	CONTI134.8TL OPENH	EUR											
Certificate	NL0012905053	CONTI154.8TS OPENH	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	NL0012890768	CONTI164.5TS OPENH	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	NL0012894208	CONTI169.6TS OPENH	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	NL0012894190	CONTI174.6TS OPENH	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0012938237	CONTI189.3TS OPENH	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	NL0012934608	CONTI194.2TS OPENH	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	NL0012930697	CONTI203.8TS OPENH	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	NL0012920060	CONTI211.8TS OPENH	EUR	8,9200	8,9200	8,9200			8,9200					
Certificate	NL0012917017	CONTI221.7TS OPENH	EUR	9,9700	9,9700	9,9700			9,9700					
Certificate	NL0012580732	CONTI228.5TS OPENH	EUR	10,7100	10,7100	10,7100			10,7100					
Certificate	NL0012565139	CONTI233.3TS OPENH	EUR	11,2200	11,2200	11,2200			11,2200					
Certificate	NL0012613590	CONTI240.5TS OPENH	EUR	11,9900	11,9900	11,9900			11,9900					
Certificate	NL0012240527	CONTI248.8TS OPENH	EUR	12,8900	12,8900	12,8900			12,8900					
Certificate	NL0012310866	CONTI248.9TS OPENH	EUR	12,9000	12,9000	12,9000			12,9000					
Certificate	NL0012244925	CONTI249.9TS OPENH	EUR	13,0100	13,0100	13,0100			13,0100					
Certificate	NL0011054960	CONTI254.4TS OPENH	EUR	13,4900	13,4900	13,4900			13,4900					
Certificate	NL0012613582	CONTI265.2TS OPENH	EUR	14,6500	14,6500	14,6500			14,6500					
Certificate	NL0012555700	CONTI291.6TS OPENH	EUR	17,4800	17,4800	17,4800			17,4800					
Certificate	NL0012555692	CONTI311.3TS OPENH	EUR	19,5900	19,5900	19,5900			19,5900					
Certificate	DE000CJ3PPF5	CONTI85.77TL OPENZ	EUR	4,2800	5,2700	4,2800			5,2700					
Certificate	NL0006471856	COPPE 3780TL OPENB	EUR	24,2500	24,2500	24,2500			24,2500					
Certificate	NL0006524969	COPPE 4326TL OPENB	EUR	19,8800	19,8800	19,8800			19,8800					
Certificate	NL0009839745	COPPE 8950TS OPENB	EUR	32,9300	32,9300	32,9300			32,9300					
Certificate	NL0009678903	COPPE 9748TS OPENB	EUR	40,7300	40,7300	40,7300			40,7300					
Certificate	DE000CN6HPK9	COPPE1.956TL OPENZ	EUR	7,1450	7,4600	7,1450			7,4600					
Certificate	DE000CR9RBV5	COPPE2.207TL OPENZ	EUR	4,9850	5,2950	4,9850			5,2950					
Certificate	DE000CD63VL6	COPPE2.495TL OPENZ	EUR	2,5000	2,8000	2,5000			2,8000					
Certificate	DE000CV8A617	COPPE2.981TS OPENZ	EUR	2,8550	2,8550	2,5750			2,5750					
Certificate	DE000CV89SP0	COPPE3.175TS OPENZ	EUR	4,5800	4,5800	4,3050			4,3050					
Certificate	DE000CV88NT5	COPPE3.371TS OPENZ	EUR	6,3350	6,3350	6,0700			6,0700					
Certificate	DE000CV88L03	COPPE3.566TS OPENZ	EUR	8,0750	8,0750	7,8150			7,8150					
Certificate	DE000CV88L11	COPPE3.761TS OPENZ	EUR	9,8250	9,8250	9,5750			9,5750					
Certificate	DE000CE6F3R9	COPPE3.952TS OPENZ	EUR	11,5350	11,5350	11,2850			11,2850					
Certificate	DE000CV87ET6	COPPE4.152TS OPENZ	EUR	13,3150	13,3150	13,0750			13,0750					
Certificate	NL0012922256	CORN 2.68TL OPENH	EUR	10,2200	10,2200	10,2200			10,2200					
Certificate	NL0012922249	CORN 2.88TL OPENH	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	NL0012922231	CORN 3.08TL OPENH	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	NL0012922223	CORN 3.28TL OPENH	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	NL0012923064	CORN 3.91TS OPENH	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	NL0012889901	CORN 3.96TS OPENH	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	NL0012922181	CORN 3.98TS OPENH	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	NL0012922272	CORN 4.08TS OPENH	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	NL0012922264	CORN 4.17TS OPENH	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	NL0012542880	CORN 4.39TS OPENH	EUR	10,7200	10,7200	10,7200			10,7200					
Certificate	NL0011233150	CORN 5.37TS OPENH	EUR	20,2400	20,2400	20,2400			20,2400					
Certificate	NL0011233143	CORN 5.56TS OPENH	EUR	22,0400	22,0400	22,0400			22,0400					
Certificate	DE000CN6KS12	COTON 0.61TL OPENZ	EUR	1,5950	1,6250	1,5950			1,6250					
Certificate	DE000CN6LCB8	COTON 0.65TL OPENZ	EUR	1,2550	1,2850	1,2550			1,2850					
Certificate	DE000CN6JHU1	COTON0.498TL OPENZ	EUR	2,5450	2,5800	2,5450			2,5800					
Certificate	DE000CN6HGS2	COTON0.534TL OPENZ	EUR	2,2350	2,2750	2,2350			2,2750					
Certificate	DE000CR6X767	COTON0.575TL OPENZ	EUR	1,8950	1,9250	1,8950			1,9250					
Certificate	DE000CV4Z7D2	COTON0.698TL OPENZ	EUR	0,8450	0,8750	0,8300	937,9000	1	0,8750	1130				
Certificate	DE000CJ3NXP3	COTON0.806TS OPENZ	EUR	0,5650	0,5650	0,5400			0,5400					
Certificate	DE000CJ3NLG7	COTON0.886TS OPENZ	EUR	1,2950	1,3100	1,2750	1921,7700	1	1,2750	1467				
Certificate	DE000CV87NH2	COTON0.959TS OPENZ	EUR	1,9550	1,9550	1,9350			1,9350					
Certificate	DE000CV88NV1	COTON1.032TS OPENZ	EUR	2,6100	2,6100	2,5950			2,5950					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV89895	COTON1.105TS OPENZ	EUR	3,2650	3,2650	3,2550			3,2550					
Certificate	DE000CV505G7	CPRI 4.63TL OPENZ	EUR	1,8150	2,0950	1,8150			2,0950					
Certificate	DE000CV875H1	CPRI 4.124TL OPENZ	EUR	2,3250	2,5950	2,3250			2,5950					
Certificate	DE000CV4YY39	CPRI 5.333TL OPENZ	EUR	1,1150	1,3850	1,1150			1,3850					
Certificate	DE000CJ3PA34	CPRI 6.033TL OPENZ	EUR	0,4250	0,6950	0,4250			0,6950					
Certificate	NL0011795406	CRBN 18TL OPENB	EUR	10,2500	10,2500	10,2500			10,2500					
Certificate	NL0010010807	CRBN 5.2TL OPENB	EUR	22,8600	22,8600	22,8600			22,8600					
Certificate	NL0010893533	CRBN 8.4TL OPENB	EUR	19,8200	19,8200	19,8200			19,8200					
Certificate	DE000CR4J01	CRBN 12.7TL OPENZ	EUR	13,9400	13,9400	13,9400			13,9400					
Certificate	NL0011089388	CRBN 14.7TL OPENB	EUR	13,8300	13,8300	13,8300			13,8300					
Certificate	NL0011260484	CRBN 15.8TL OPENB	EUR	12,2300	12,2300	12,2300			12,2300					
Certificate	DE000CJ3PAD2	CRBN 16.4TL OPENZ	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	NL0011651567	CRBN 16.9TL OPENB	EUR	11,2800	11,2800	11,2800			11,2800					
Certificate	NL0012033344	CRBN 20.1TL OPENB	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	DE000CD63PV7	CRBN 20.9TL OPENZ	EUR	5,7750	5,7750	5,7750			5,7750					
Certificate	NL0012034920	CRBN 21.1TL OPENB	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	NL0012033971	CRBN 21.2BL OPENB	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000CD646H9	CRBN 21.2TL OPENZ	EUR	6,3850	6,3850	6,3850			6,3850					
Certificate	NL0012037923	CRBN 22.1TL OPENB	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	NL0012118913	CRBN 23.2TL OPENB	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	NL0012785414	CRBN 24.3BL OPENB	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0012785786	CRBN 24.8TL OPENB	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	NL0012988141	CRBN 26.3TL OPENB	EUR											
Certificate	NL0012988208	CRBN 28.6TS OPENB	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0012261176	CRBN 30.6TS OPENB	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	NL0011531991	CRBN 14.81BL OPENB	EUR	12,0900	12,0900	12,0900			12,0900					
Certificate	DE000CR6VGJ1	CRBN 15.48TL OPENZ	EUR	11,8350	11,8350	11,8350			11,8350					
Certificate	DE000CR9NMF4	CRBN 16.54TL OPENZ	EUR	10,8250	10,8250	10,8250			10,8250					
Certificate	DE000CN6K602	CRBN 18.07TL OPENZ	EUR	9,3650	9,3650	9,3650			9,3650					
Certificate	DE000CN6KQ54	CRBN 19.41TL OPENZ	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	NL0012772974	CRBN 22.27BL OPENB	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	DE000CD63ZH5	CRBN 22.42TL OPENZ	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	NL0012118673	CRBN 23.29BL OPENB	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000CV88269	CRBN 23.29TL OPENZ	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CV88KK0	CRBN 24.39TL OPENZ	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	NL0012785422	CRBN 25.31BL OPENB	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	NL0012987978	CRBN 26.31BL OPENB	EUR											
Certificate	DE000CV8BDA5	CRBN 26.38TL OPENZ	EUR											
Certificate	NL0013014962	CRBN 28.01BS OPENB	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CE6CKY3	CRBN 29.75TS OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	NL0012260822	CRBN 30.01BS OPENB	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	NL0012273957	CRBN 31.93BS OPENB	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	DE000CE6DQ46	CRBN 33.23TS OPENZ	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0012999908	CRBN 33.92BS OPENB	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	DE000CV8A4P8	CRBN 38.23TS OPENZ	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0012030449	CREDI 11.8TL OPENB	EUR	1,2150	1,4250	1,2150			1,4250					
Certificate	DE000CD62700	CREDI 9.65TL OPENZ	EUR	0,4800	0,5050	0,4800			0,5050					
Certificate	DE000CD62TG2	CREDI 11.14TL OPENZ	EUR	0,2200	0,2450	0,2200			0,2450					
Certificate	DE000CD63L61	CREDI 12.62TL OPENZ	EUR											
Certificate	DE000CN6JMX5	CREDI 8.624TL OPENZ	EUR	0,6600	0,6900	0,6600	2778,0000	2	0,6750	4200				
Certificate	XS0508554069	CS FDAA 0%22DEC20	EUR											
Certificate	XS1009882322	CSEET PI OPENK	EUR											
Certificate	XS1009881860	CSJET PI OPENK	EUR	859,2800	859,2800	859,2800	37808,3200	1	859,2800	44				
Certificate	XS1009881787	CSSET PI OPENK	EUR											
Certificate	XS1009882082	CSTET PI OPENK	EUR											
Certificate	XS1009881514	CSVET PI OPENK	EUR											
Certificate	DE000CY16BTS	CZBNK 7TL OPENC	EUR	0,6600	0,6600	0,6500	99,0000	1	0,6500	150				
Certificate	DE000CY16CY3	CZBNK 7TL OPENC	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CY16U55	CZBNK 8TL OPENC	EUR											
Certificate	DE000CY16FC2	CZBNK 8TL OPENC	EUR											
Certificate	DE000CY50MW5	CZBNK 13TS OPENC	EUR											
Certificate	DE000CY50K96	CZBNK 13TS OPENC	EUR											
Certificate	DE000CY16FB4	CZBNK 7.5TL OPENC	EUR											
Certificate	DE000CY16CZ0	CZBNK 7.5TL OPENC	EUR											
Certificate	NL0012602676	CZBNK 11.4TS OPENH	EUR	4,7000	4,7000	4,5700			4,5700					
Certificate	NL0012593420	CZBNK 12.4TS OPENH	EUR	5,8200	5,8200	5,6900			5,6900					
Certificate	NL0011933536	CZBNK 4.16TL OPENH	EUR	4,1700	4,3200	4,1700			4,3200					
Certificate	NL0011895784	CZBNK 4.99TL OPENH	EUR	3,4100	3,5600	3,4100			3,5600					
Certificate	NL0011989322	CZBNK 5.82TL OPENH	EUR	2,6600	2,8100	2,6600			2,8100					
Certificate	NL0011995352	CZBNK 6.44TL OPENH	EUR	2,0900	2,2400	2,0900			2,2400					
Certificate	NL0012196414	CZBNK 6.85TL OPENH	EUR	1,7200	1,8700	1,7200			1,8700					
Certificate	NL0011996053	CZBNK 7.04TL 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	NL0012049811	CZBNK 7.06TL OPENH	EUR	1,5300	1,6800	1,5300			1,6800					
Certificate	NL0012197438	CZBNK 7.46TL OPENH	EUR	1,1600	1,3100	1,1600			1,3100					
Certificate	NL0012221411	CZBNK 7.85TL OPENH	EUR	0,8100	0,9600	0,8100			0,9600					
Certificate	DE000CE6BX07	CZBNK 7.93TL OPENZ	EUR	0,0670	0,2150	0,0670	47,5000	1	0,2150	250				
Certificate	NL0012899405	CZBNK 8.25TL OPENH	EUR											
Certificate	NL0013085343	CZBNK 8.83TS OPENH	EUR											
Certificate	NL0013079304	CZBNK 9.03TS OPENH	EUR	2,0800	2,0800	1,9500			1,9500					
Certificate	NL0012906242	CZBNK 9.23TS OPENH	EUR	2,3000	2,3000	2,1700			2,1700					
Certificate	NL0012934590	CZBNK 9.76TS OPENH	EUR	2,8800	2,8800	2,7500			2,7500					
Certificate	NL0012909402	CZBNK 9.92TS OPENH	EUR	3,0700	3,0700	2,9400			2,9400					
Certificate	NL0012792709	CZBNK10.04BS OPENB	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	NL0012862346	CZBNK10.41TS OPENH	EUR	3,6100	3,6100	3,4800			3,4800					
Certificate	NL0012777700	CZBNK11.03BS OPENB	EUR	2,9650	2,9650	2,9650			2,9650					
Certificate	NL0012598437	CZBNK11.43TS OPENH	EUR	4,7400	4,7400	4,6100			4,6100					
Certificate	NL0012593917	CZBNK13.39TS OPENH	EUR	6,9200	6,9200	6,7800			6,7800					
Certificate	NL0012580724	CZBNK13.41TS OPENH	EUR	6,9400	6,9400	6,8100			6,8100					
Certificate	NL0012555676	CZBNK13.89TS OPENH	EUR	7,4700	7,4700	7,3400			7,3400					
Certificate	NL0012555668	CZBNK14.87TS OPENH	EUR	8,5600	8,5600	8,4300			8,4300					
Certificate	NL0012529325	CZBNK15.84TS OPENH	EUR	9,6400	9,6400	9,5100			9,5100					
Certificate	NL0012541981	CZBNK15.84TS OPENH	EUR	9,6400	9,6400	9,5100			9,5100					
Certificate	DE000CN6J8E3	CZBNK4.804TL OPENZ	EUR	3,1700	3,2950	3,1700			3,2950					
Certificate	DE000CV898G6	CZBNK5.924TL OPENZ	EUR	2,0600	2,1750	2,0600			2,1750					
Certificate	NL0012105134	CZBNK6.025BL OPENB	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	NL0012975155	CZBNK6.602BL OPENB	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	DE000CV886M9	CZBNK6.925TL OPENZ	EUR	1,0700	1,2300	1,0700	307,5000	1	1,1850	250				
Certificate	NL0012973622	CZBNK7.107BL OPENB	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	DE000CV898H4	CZBNK7.432TL OPENZ	EUR	0,5700	0,6950	0,5700			0,6950					
Certificate	NL0012793806	CZBNK7.611BL OPENB	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	NL0013006919	CZBNK8.112BL OPENB	EUR											
Certificate	DE000CJ3PC24	CZBNK8.421TL OPENZ	EUR											
Certificate	NL0013006257	CZBNK9.044BS OPENB	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	NL0011410329	DAIML 33TL OPENH	EUR	1,9200	2,0400	1,9200			2,0400					
Certificate	DE000CX595S8	DAIML 60TL OPENC	EUR											
Certificate	DE000CV51DW2	DAIML 60TL OPENC	EUR											
Certificate	DE000CV520D0	DAIML 80TS OPENC	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CV501Y6	DAIML 80TS OPENC	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	NL0011410345	DAIML 24.6TL OPENH	EUR	2,7100	2,8200	2,7100			2,8200					
Certificate	NL0011410337	DAIML 28.8TL OPENH	EUR	2,3200	2,4300	2,3200			2,4300					
Certificate	NL0010144838	DAIML 35.2TL OPENA	EUR											
Certificate	NL0011049622	DAIML 37.2TL OPENH	EUR	1,5300	1,6500	1,5300			1,6500					
Certificate	NL0011049614	DAIML 45.7TL OPENH	EUR	0,7400	0,8700	0,7400	870,0000	1	0,8500	1000				
Certificate	DE000CX0KMF1	DAIML 47.1TL OPENC	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	NL0011896535	DAIML 47.8TL OPENH	EUR	0,5400	0,6600	0,5400			0,6600					
Certificate	NL0013085350	DAIML 50.3TL OPENH	EUR											
Certificate	NL0013087323	DAIML 52.3TS OPENH	EUR	0,6200	0,6200	0,5000			0,5000					
Certificate	NL0013081656	DAIML 54.3TS OPENH	EUR	0,8300	0,8300	0,7100			0,7100					
Certificate	NL0012905087	DAIML 58.3TS OPENH	EUR	1,2600	1,2600	1,1500			1,1500					
Certificate	NL0012919666	DAIML 60.3TS OPENH	EUR	1,4800	1,4800	1,3600			1,3600					
Certificate	NL0012917025	DAIML 62.3TS OPENH	EUR	1,6900	1,6900	1,5700			1,5700					
Certificate	NL0012909469	DAIML 64.3TS OPENH	EUR	1,9000	1,9000	1,7900			1,7900					
Certificate	NL0012864573	DAIML 66.3TS OPENH	EUR	2,1100	2,1100	2,0000			2,0000					
Certificate	NL0012567986	DAIML 68.2TS OPENH	EUR	2,3300	2,3300	2,2100			2,2100					
Certificate	NL0012565154	DAIML 72.2TS OPENH	EUR	2,7500	2,7500	2,6300			2,6300					
Certificate	NL0011241112	DAIML 72.3TS OPENH	EUR	2,7700	2,7700	2,6500			2,6500					
Certificate	NL0011229984	DAIML 75.9TS OPENH	EUR	3,1500	3,1500	3,0300			3,0300					
Certificate	NL0011049531	DAIML 79.5TS OPENH	EUR	3,5400	3,5400	3,4200			3,4200					
Certificate	NL0012555759	DAIML 91.6TS OPENH	EUR	4,8400	4,8400	4,7200			4,7200					
Certificate	DE000CJ3NTH8	DAIML33.67TL OPENZ	EUR	1,5950	1,7650	1,5950			1,7650					
Certificate	DE000CN6JNE3	DAIML41.68TL OPENZ	EUR	0,8050	0,9750	0,8050			0,9750					
Certificate	DE000CN6HSL1	DAIML45.67TL OPENZ	EUR	0,4150	0,5750	0,4150			0,5750					
Certificate	NL0011909692	DAIML46.77BL OPENB	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	DE000CX0K496	DAIML47.57TL OPENC	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CD62270	DAIML48.63TL OPENZ	EUR	0,1300	0,2850	0,1300			0,2850					
Certificate	NL0013008683	DAIML49.75BL OPENB	EUR											
Certificate	NL0012994735	DAIML51.24BL OPENB	EUR											
Certificate	DE000CD62551	DAIML51.59TL OPENZ	EUR											
Certificate	NL0013008972	DAIML55.11BS OPENB	EUR	4,3700	4,4200	4,3100	262,2000	1	4,3100	60				
Certificate	NL0013002199	DAIML57.87BS OPENB	EUR	7,0600	7,0600	7,0600			7,0600					
Certificate	DE000CV8B086	DAIML59.32TS OPENZ	EUR	0,9750	0,9750	0,8050			0,8050					
Certificate	NL0012973770	DAIML60.77BS OPENB	EUR	10,4300	10,4300	9,9600	1043,0000	1	9,9600	100				
Certificate	NL0012792592	DAIML67.01BS OPENB	EUR	16,2000	16,2000	16,2000			16,2000					
Certificate	DE000CV87TV0	DAIML69.29TS OPENZ	EUR	1,9750	1,9750	1,8050			1,8050					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6F8M9	DAIML79.23TS OPENZ	EUR	2,9650	2,9650	2,7950			2,7950					
Certificate	NL0009337278	DANON 32TL OPENB	EUR	3,3750	3,3750	3,3750			3,3750					
Certificate	NL0012112312	DANON 57TL OPENB	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	NL0009703743	DANON 36.7TL OPENB	EUR	2,9350	2,9350	2,9350			2,9350					
Certificate	NL0011417894	DANON 45.5TL OPENH	EUR	2,1000	2,1000	2,0800			2,0800					
Certificate	NL0010921987	DANON 49.1TL OPENB	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	NL0011417886	DANON 49.7TL OPENH	EUR	1,7100	1,7100	1,6900			1,6900					
Certificate	NL0011436738	DANON 51.7TL OPENB	EUR	1,5250	1,5350	1,5250			1,5350					
Certificate	NL0011442702	DANON 54.4TL OPENB	EUR	1,2750	1,2850	1,2750			1,2850					
Certificate	NL0012118756	DANON 59.6TL OPENB	EUR	0,7700	0,8050	0,7650	780,0000	2	0,8050	1000				
Certificate	NL0013012941	DANON 65.3TS OPENB	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	NL0012264196	DANON 70.3TS OPENB	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	NL0012274450	DANON 75.1TS OPENB	EUR	1,7850	1,7850	1,7850			1,7850					
Certificate	NL0012864581	DANON 77.9TS OPENH	EUR	2,0800	2,1000	2,0800			2,1000					
Certificate	NL0012531057	DANON103.9TS OPENH	EUR	4,8800	4,9000	4,8800			4,9000					
Certificate	NL0012330211	DANON104.7TS OPENH	EUR	4,9700	4,9800	4,9700			4,9800					
Certificate	NL0012516108	DANON104.8TS OPENH	EUR	4,9800	5,0000	4,9800			5,0000					
Certificate	NL0012524540	DANON104.8TS OPENH	EUR	4,9800	5,0000	4,9800			5,0000					
Certificate	NL0012538672	DANON104.9TS OPENH	EUR	4,9900	5,0100	4,9900			5,0100					
Certificate	NL0011417910	DANON32.93TL OPENH	EUR	3,2700	3,2700	3,2500			3,2500					
Certificate	NL0012056329	DANON38.39TL OPENH	EUR	2,7600	2,7600	2,7400			2,7400					
Certificate	DE000CR9RQF6	DANON44.88TL OPENZ	EUR	3,6350	3,6800	3,6350			3,6800					
Certificate	DE000CR6YDGA	DANON50.84TL OPENZ	EUR	1,2250	1,2500	1,2250			1,2500					
Certificate	NL0011417878	DANON53.89TL OPENH	EUR	1,3200	1,3200	1,3000			1,3000					
Certificate	DE000CN6FBK3	DANON56.78TL OPENZ	EUR	1,2650	1,3100	1,2650	821,7600	1	1,3100	642				
Certificate	NL0012178859	DANON57.78TL OPENH	EUR	0,9600	0,9600	0,9400			0,9400					
Certificate	NL0012244594	DANON61.86TL OPENH	EUR											
Certificate	NL0012210090	DANON69.97TS OPENH	EUR	1,2200	1,2400	1,2200			1,2400					
Certificate	NL0011417829	DANON73.55TS OPENH	EUR	1,6100	1,6600	1,6100	1253,3000	1	1,6300	755				
Certificate	NL0011933551	DANON73.69TS OPENH	EUR	1,6200	1,6400	1,6200			1,6400					
Certificate	NL0011972724	DANON73.72TS OPENH	EUR	1,6300	1,6400	1,6300			1,6400					
Certificate	NL0011932561	DANON73.82TS OPENH	EUR	1,6400	1,6600	1,6400			1,6600					
Certificate	NL0011417811	DANON84.74TS OPENH	EUR	2,8200	2,8300	2,8200			2,8300					
Certificate	NL0012583512	DANSK 263.TS OPENH	EUR	22,4000	22,4000	22,1800			22,1800					
Certificate	NL0012907554	DANSK120.1TL OPENH	EUR	2,0900	2,3100	2,0900			2,3100					
Certificate	NL0013083108	DANSK135.1TL OPENH	EUR											
Certificate	NL0013085368	DANSK140.1TS OPENH	EUR	4,1400	4,1400	3,9200			3,9200					
Certificate	NL0012907869	DANSK155.1TS OPENH	EUR	6,3500	6,3500	6,1300			6,1300					
Certificate	NL0012905103	DANSK175.1TS OPENH	EUR	9,3100	9,3100	9,0900			9,0900					
Certificate	NL0012898381	DANSK179.8TS OPENH	EUR	10,0300	10,0300	9,8100			9,8100					
Certificate	NL0012897870	DANSK189.8TS OPENH	EUR	11,5100	11,5100	11,2900			11,2900					
Certificate	NL0012894224	DANSK194.7TS OPENH	EUR	12,2400	12,2400	12,0200			12,0200					
Certificate	NL0012923650	DANSK203.5TS OPENH	EUR	13,5400	13,5400	13,3200			13,3200					
Certificate	NL0012917033	DANSK213.3TS OPENH	EUR	15,0000	15,0000	14,7800			14,7800					
Certificate	NL0012611032	DANSK222.7TS OPENH	EUR	16,3900	16,3900	16,1700			16,1700					
Certificate	NL0012600381	DANSK227.4TS OPENH	EUR	17,1000	17,1000	16,8800			16,8800					
Certificate	NL0012598460	DANSK232.3TS OPENH	EUR	17,8300	17,8300	17,6100			17,6100					
Certificate	NL0012595748	DANSK237.2TS OPENH	EUR	18,5500	18,5500	18,3300			18,3300					
Certificate	NL0012199210	DANSK244.1TS OPENH	EUR	19,5700	19,5700	19,3500			19,3500					
Certificate	NL0012595136	DANSK247.8TS OPENH	EUR	20,1300	20,1300	19,9100			19,9100					
Certificate	NL0011993746	DANSK249.5TS OPENH	EUR											
Certificate	NL0011991625	DANSK250.9TS OPENH	EUR											
Certificate	NL0011989330	DANSK251.1TS OPENH	EUR											
Certificate	NL0012582167	DANSK253.1TS OPENH	EUR	20,9200	20,9200	20,7000			20,7000					
Certificate	NL0012590970	DANSK253.6TS OPENH	EUR	20,9900	20,9900	20,7700			20,7700					
Certificate	NL0012437867	DANSK253.6TS OPENH	EUR	21,0000	21,0000	20,7800			20,7800					
Certificate	NL0012093736	DANSK271.5TS OPENH	EUR	23,6500	23,6500	23,4400			23,4400					
Certificate	NL0012057475	DANSK271.9TS OPENH	EUR	23,7200	23,7200	23,4900			23,4900					
Certificate	NL0012242101	DANSK273.6TS OPENH	EUR	23,9700	23,9700	23,7500			23,7500					
Certificate	NL0012595557	DANSK296.4TS OPENH	EUR	27,3500	27,3500	27,1300			27,1300					
Certificate	NL0012202840	DANSK300.3TS OPENH	EUR	27,9300	27,9300	27,7100			27,7100					
Certificate	NL0012240055	DANSK302.5TS OPENH	EUR	28,2600	28,2600	28,0400			28,0400					
Certificate	DE0005437412	DAX PI OPENN	EUR	111,1100	111,1100	111,1100			111,1100					
Certificate	NL0009067867	DAX 4730TL OPENB	EUR	66,8900	66,8900	66,8900			66,8900					
Certificate	NL0009069988	DAX 5170TL OPENB	EUR	62,6200	62,6200	62,6200			62,6200					
Certificate	NL0009071182	DAX 5470TL OPENB	EUR	59,7500	59,7500	59,7500			59,7500					
Certificate	NL0011596952	DAX 6319TRL OPENH	EUR											
Certificate	NL0009998269	DAX 6430TL OPENB	EUR	50,3600	50,3600	50,3600			50,3600					
Certificate	NL0010001608	DAX 6650TL OPENB	EUR	48,2800	48,2800	48,2800			48,2800					
Certificate	NL0010149712	DAX 6980TL OPENA	EUR											
Certificate	DE000CX00567	DAX 7000TL OPENC	EUR	38,5200	38,5200	38,5200			38,5200					
Certificate	NL0011043567	DAX 7180TL OPENH	EUR	42,0800	42,0800	42,0800			42,0800					



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	DE000CX004L9	DAX 7200TL OPENC	EUR	35,6800	35,6800	35,6800			35,6800					
Certificate	NL0010129896	DAX 7310TL OPENB	EUR	41,8600	41,8600	41,8600			41,8600					
Certificate	NL0010131025	DAX 7540TL OPENB	EUR	39,6500	39,6500	39,6500			39,6500					
Certificate	DE000CX004N5	DAX 7600TL OPENC	EUR	31,4000	31,4000	31,4000			31,4000					
Certificate	NL0011043542	DAX 7600TL OPENH	EUR	37,9500	37,9500	37,9500			37,9500					
Certificate	DE000CN6JFQ3	DAX 7730TL OPENZ	EUR	36,7750	36,7750	36,7750			36,7750					
Certificate	NL0010134102	DAX 7750TL OPENB	EUR	37,5400	37,5400	37,5400			37,5400					
Certificate	DE000CX0JXK0	DAX 7800TL OPENC	EUR	29,1700	29,1700	29,1700			29,1700					
Certificate	NL0010251930	DAX 7860TL OPENB	EUR	36,5100	36,5100	36,5100			36,5100					
Certificate	NL0011719158	DAX 7940TL OPENH	EUR	34,5600	34,5600	34,5600			34,5600					
Certificate	DE000CN6HS74	DAX 7990TL OPENZ	EUR	34,2150	34,2150	34,2150			34,2150					
Certificate	DE000CX0JS28	DAX 8000TL OPENC	EUR	27,7900	27,7900	27,7900			27,7900					
Certificate	NL0011043526	DAX 8010TL OPENH	EUR	33,8600	33,8600	33,8600			33,8600					
Certificate	NL0010250833	DAX 8024BL OPENB	EUR	32,9000	32,9000	32,9000			32,9000					
Certificate	NL0010253233	DAX 8190TL OPENB	EUR	33,3200	33,3200	33,3200			33,3200					
Certificate	NL0011043518	DAX 8220TL OPENH	EUR	31,8000	31,8000	31,8000			31,8000					
Certificate	DE000CN6ICR8	DAX 8249TL OPENZ	EUR	30,4150	30,4150	30,4150			30,4150					
Certificate	NL0011719125	DAX 8250TL OPENH	EUR	31,5200	31,5200	31,5200			31,5200					
Certificate	DE000CN6HS66	DAX 8250TL OPENZ	EUR	31,6450	31,6450	31,6450			31,6450					
Certificate	NL0010379103	DAX 8300TL OPENB	EUR	32,2100	32,2100	32,2100			32,2100					
Certificate	DE000CX004R6	DAX 8300TL OPENC	EUR	23,9100	23,9100	23,9100			23,9100					
Certificate	DE000CX0JDK2	DAX 8400TL OPENC	EUR	22,6500	22,6500	22,6500			22,6500					
Certificate	DE000CX008M8	DAX 8500TL OPENC	EUR	21,7900	21,7900	21,7900			21,7900					
Certificate	DE000CN6HS58	DAX 8510TL OPENZ	EUR	29,0750	29,0750	29,0750			29,0750					
Certificate	NL0011719075	DAX 8560TL OPENH	EUR	28,4000	28,4000	28,4000			28,4000					
Certificate	DE000CJ3PH86	DAX 8600TL 1218Z	EUR	26,9500	26,9500	26,9500			26,9500					
Certificate	NL0010442737	DAX 8630TL OPENB	EUR	29,0600	29,0600	29,0600			29,0600					
Certificate	DE000CN6JCQ0	DAX 8664TL OPENZ	EUR	26,2750	26,2750	26,2750			26,2750					
Certificate	NL0011601612	DAX 8696TRLOPENH	EUR	25,9200	25,9200	25,9200			25,9200					
Certificate	DE000CX008N6	DAX 8700TL OPENC	EUR	19,6500	19,6500	19,6500			19,6500					
Certificate	DE000CN6HLW3	DAX 8770TL OPENZ	EUR	26,5050	26,5050	26,5050			26,5050					
Certificate	NL0010378899	DAX 8789BL OPENB	EUR	25,2400	25,2400	25,2400			25,2400					
Certificate	NL0010443032	DAX 8840TL OPENB	EUR	26,9700	26,9700	26,9700			26,9700					
Certificate	DE000CN6JCP2	DAX 8871TL OPENZ	EUR	24,1900	24,1900	24,1900			24,1900					
Certificate	NL0010515557	DAX 8970TL OPENB	EUR	25,7600	25,7600	25,7600			25,7600					
Certificate	NL0011719034	DAX 8970TL OPENH	EUR	24,3500	24,3500	24,3500			24,3500					
Certificate	DE000CV8BDY5	DAX 9000TL 1218Z	EUR	22,9500	22,9500	22,9500			22,9500					
Certificate	DE000CN6ELV2	DAX 9030TL OPENZ	EUR	23,9250	23,9250	23,9250			23,9250					
Certificate	NL0010891628	DAX 9050TL OPENB	EUR	24,9750	24,9750	24,9750			24,9750					
Certificate	DE000CN6JCN7	DAX 9079TL OPENZ	EUR	22,1200	22,1200	22,1200			22,1200					
Certificate	DE000CX00BR5	DAX 9100TL OPENC	EUR	15,3800	15,3800	15,3800			15,3800					
Certificate	NL0013086853	DAX 9105TRLOPENH	EUR	21,8300	21,8300	21,8300			21,8300					
Certificate	NL0011719000	DAX 9130TL OPENH	EUR	22,8500	22,8500	22,8500			22,8500					
Certificate	NL0010442182	DAX 9136BL OPENB	EUR	21,1000	21,7700	21,0900	274,3000	1	21,7700	13				
Certificate	DE000CR9SDN6	DAX 9184TL OPENZ	EUR	21,0700	21,0700	21,0700			21,0700					
Certificate	NL0013086846	DAX 9205TRLOPENH	EUR	20,8300	20,8300	20,8300			20,8300					
Certificate	NL0011649215	DAX 9250TL OPENB	EUR	22,9950	22,9950	22,9950			22,9950					
Certificate	NL0010442661	DAX 9251BL OPENB	EUR	20,6200	20,6200	20,6200			20,6200					
Certificate	NL0011718986	DAX 9270TL OPENH	EUR	21,4300	21,4300	21,4300			21,4300					
Certificate	DE000CN6ELL4	DAX 9290TL OPENZ	EUR	21,3450	21,3450	21,3450			21,3450					
Certificate	DE000CX0KHU0	DAX 9300TL OPENC	EUR	14,1100	14,1100	14,1100			14,1100					
Certificate	NL0013086838	DAX 9305TRLOPENH	EUR	19,8300	19,8300	19,8300			19,8300					
Certificate	NL0011649223	DAX 9360TL OPENB	EUR	21,9750	21,9750	21,9750			21,9750					
Certificate	DE000CV8AUC7	DAX 9400TL 1218Z	EUR	18,9500	18,9500	18,9500			18,9500					
Certificate	DE000CX0KW03	DAX 9400TL OPENC	EUR	13,0900	13,0900	13,0900			13,0900					
Certificate	DE000CN6J81	DAX 9400TL OPENZ	EUR	18,9100	18,9100	18,9100			18,9100					
Certificate	NL0013086820	DAX 9405TRLOPENH	EUR	18,8300	18,8300	18,8300			18,8300					
Certificate	DE000CN6J73	DAX 9452TL OPENZ	EUR	18,4000	18,4000	18,4000			18,4000					
Certificate	DE000CX0KW11	DAX 9500TL OPENC	EUR	12,0300	12,0300	12,0300			12,0300					
Certificate	NL0011650320	DAX 9510TL OPENB	EUR	20,4650	20,4650	20,4650			20,4650					
Certificate	NL0013008105	DAX 9548BL OPENB	EUR	16,1000	17,6850	16,1000	16100,0000	1	17,6850	1000				
Certificate	NL0013081474	DAX 9550TL OPENH	EUR	18,6700	18,6700	18,6700			18,6700					
Certificate	DE000CN6J65	DAX 9556TL OPENZ	EUR	17,3500	17,3500	17,3500			17,3500					
Certificate	DE000CR4GZ95	DAX 9560TL OPENZ	EUR	18,7350	18,7350	18,7350			18,7350					
Certificate	NL0013082290	DAX 9561TRLOPENH	EUR	17,2700	17,2700	17,2700			17,2700					
Certificate	DE000CX0KW29	DAX 9600TL OPENC	EUR	10,9700	10,9700	10,9700			10,9700					
Certificate	NL0011900220	DAX 9640TL OPENB	EUR	19,2150	19,2150	19,2150			19,2150					
Certificate	NL0013086812	DAX 9655TRLOPENH	EUR	16,3300	16,3300	16,3300			16,3300					
Certificate	DE000CN6JCK3	DAX 9679TL OPENZ	EUR	16,1300	16,1300	16,1300			16,1300					
Certificate	DE000CX0KW37	DAX 9700TL OPENC	EUR	9,9200	9,9200	9,9200			9,9200					
Certificate	DE000CN6JSC6	DAX 9728TL OPENZ	EUR	15,6400	15,6400	15,6400			15,6400					
Certificate	NL0011718473	DAX 9730TRLOPENH	EUR	14,0000	15,5800	14,0000	294,0000	1	15,5800	21				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013008113	DAX 97488L OPENB	EUR	15,6850	15,6850	15,6850			15,6850					
Certificate	NL0011891890	DAX 9770TL OPENH	EUR	16,4800	16,4800	16,4800			16,4800					
Certificate	NL0011718465	DAX 9784TRLOPENH	EUR	15,0400	15,0400	15,0400			15,0400					
Certificate	DE000CV8AAJ4	DAX 9800TL 1218Z	EUR	14,9500	14,9500	14,9500			14,9500					
Certificate	NL0011896410	DAX 9810TL OPENH	EUR	16,1600	16,1600	16,1600			16,1600					
Certificate	DE000CN6JVP2	DAX 9820TL OPENZ	EUR	16,1850	16,1850	16,1850			16,1850					
Certificate	NL0013086804	DAX 9855TRLOPENH	EUR	14,3300	14,3300	14,3300			14,3300					
Certificate	DE000CN6JSR4	DAX 9883TL OPENZ	EUR	14,0950	14,0950	14,0950			14,0950					
Certificate	DE000CX0KXU7	DAX 9900TL OPENC	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	NL0013086796	DAX 9905TRLOPENH	EUR	13,8300	13,8300	13,8300			13,8300					
Certificate	NL0013008121	DAX 99498L OPENB	EUR	12,3500	13,6850	12,3450	111,1500	1	13,6850		9			
Certificate	NL0013082282	DAX 9961TRLOPENH	EUR	13,2700	13,2700	13,2700			13,2700					
Certificate	DE000CN6JZ32	DAX 9985TL OPENZ	EUR	11,9200	13,3600	11,9200	1011,2000	2	13,0800		80			
Certificate	DE000CJ3NYI4	DAX 10000SWT0119Z	EUR	7,8700	8,3300	7,8700			8,3300					
Certificate	DE000CJ3PKA7	DAX 10000SWT0219Z	EUR	6,1700	6,2600	6,1700			6,2600					
Certificate	DE000CJ3PJ92	DAX 10000SWT0219Z	EUR	3,7700	3,7700	3,3100			3,3100					
Certificate	DE000CP06MT1	DAX 10000TL 0319C	EUR	13,0200	13,0200	13,0200			13,0200					
Certificate	NL0011907050	DAX 10000TL OPENB	EUR	15,3500	16,0000	15,3450	1167,5000	2	15,7550		75			
Certificate	DE000CX59C80	DAX 10000TL OPENC	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	DE000CQ5AA59	DAX 10000TL OPENC	EUR	12,1700	12,1700	12,1700			12,1700					
Certificate	DE000CX0KXV5	DAX 10000TL OPENC	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	NL0011926514	DAX 10010TL OPENH	EUR	14,1300	14,1300	14,1300			14,1300					
Certificate	NL0013083488	DAX 10060TRLOPENH	EUR	12,2800	12,2800	12,2800			12,2800					
Certificate	DE000CD623K2	DAX 10070TL OPENZ	EUR	13,6450	13,6450	13,6450			13,6450					
Certificate	DE000CN6JZ57	DAX 10089TL OPENZ	EUR	12,0450	12,0450	12,0450			12,0450					
Certificate	DE000CX59RV9	DAX 10100TL OPENC	EUR	7,6900	7,6900	7,6900			7,6900					
Certificate	NL0012610976	DAX 10114TRLOPENH	EUR	11,7400	11,7400	11,7400			11,7400					
Certificate	DE000CD61SA9	DAX 10139TL OPENZ	EUR	11,5400	11,5400	11,5400			11,5400					
Certificate	NL0011927496	DAX 10170TL OPENH	EUR	12,5900	12,5900	12,5900			12,5900					
Certificate	DE000VA8FWN1	DAX 10180TL OPENV	EUR	13,0050	13,0050	13,0050			13,0050					
Certificate	NL0013086788	DAX 10185TRLOPENH	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	DE000VA8FWQ4	DAX 10194TL OPENV	EUR	10,9850	10,9850	10,9850			10,9850					
Certificate	DE000VA8FVT0	DAX 10200TL 0319V	EUR	11,0650	11,0650	11,0650			11,0650					
Certificate	DE000CV8AAK2	DAX 10200TL 1218Z	EUR	10,9700	10,9700	10,9700			10,9700					
Certificate	DE000CX59RW7	DAX 10200TL OPENC	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	DE000CX59FH3	DAX 10200TL OPENC	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	NL0013083470	DAX 10210TRLOPENH	EUR	10,7800	10,7800	10,7800			10,7800					
Certificate	DE000VA71VZ5	DAX 10240TL OPENV	EUR	12,3850	12,3850	12,3850			12,3850					
Certificate	DE000VA71V44	DAX 10240TL OPENV	EUR	10,4750	10,4750	10,4750			10,4750					
Certificate	DE000CD62676	DAX 10241TL OPENZ	EUR	10,5300	10,5300	10,5300			10,5300					
Certificate	NL0011907910	DAX 10257BL OPENB	EUR	8,8100	10,6250	8,7250	25850,3000	7	10,6250		2910			
Certificate	NL0011907084	DAX 10260TL OPENB	EUR	12,7500	13,2350	12,7350	2231,2500	1	13,2350		175			
Certificate	NL0013083462	DAX 10260TRLOPENH	EUR	10,2800	10,2800	10,2800			10,2800					
Certificate	NL0013086770	DAX 10285TRLOPENH	EUR	10,0300	10,0300	10,0300			10,0300					
Certificate	DE000VA71V69	DAX 10290TL OPENV	EUR	9,9750	9,9750	9,9750			9,9750					
Certificate	DE000VA71V10	DAX 10290TL OPENV	EUR	11,8950	11,8950	11,8950			11,8950					
Certificate	DE000CD62756	DAX 10291TL OPENZ	EUR	10,0300	10,0300	10,0300			10,0300					
Certificate	DE000VA71VB6	DAX 10300TL 0319V	EUR	9,2800	10,1550	9,2800	4340,6000	5	10,0750		440			
Certificate	DE000CX59MS4	DAX 10300TL OPENC	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000CX59RX5	DAX 10300TL OPENC	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	NL0013083454	DAX 10310TRLOPENH	EUR	9,7900	9,7900	9,7900			9,7900					
Certificate	NL0011909197	DAX 10320TL OPENB	EUR	12,6550	12,6550	12,6550			12,6550					
Certificate	DE000CD623L0	DAX 10330TL OPENZ	EUR	11,1050	11,1050	11,1050			11,1050					
Certificate	DE000VA71V28	DAX 10340TL OPENV	EUR	11,4050	11,4050	11,4050			11,4050					
Certificate	DE000VA71V77	DAX 10340TL OPENV	EUR	9,4750	9,4750	9,4750			9,4750					
Certificate	DE000CD62684	DAX 10343TL OPENZ	EUR	8,5900	9,5100	8,5900	1125,2000	3	9,5100		130			
Certificate	NL0013083447	DAX 10360TRLOPENH	EUR	9,2900	9,2900	9,2900			9,2900					
Certificate	NL0011907928	DAX 10363BL OPENB	EUR	7,7500	9,5650	7,6950	15297,5000	5	9,5650		1850			
Certificate	NL0011909205	DAX 10370TL OPENB	EUR	12,1450	12,1450	12,1450			12,1450					
Certificate	NL0013086762	DAX 10385TRLOPENH	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	DE000VA71V36	DAX 10390TL OPENV	EUR	10,9150	10,9150	10,9150			10,9150					
Certificate	DE000CD628L9	DAX 10393TL OPENZ	EUR	9,0150	9,0150	9,0150			9,0150					
Certificate	DE000VA71VC4	DAX 10400TL 0319V	EUR	9,0750	9,0750	9,0750			9,0750					
Certificate	DE000CJ3PH94	DAX 10400TL 1218Z	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	DE000CY0AK15	DAX 10400TL OPENC	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000CP07C00	DAX 10400TL OPENC	EUR	9,8400	9,8400	9,8400			9,8400					
Certificate	NL0012903876	DAX 10410TL OPENH	EUR	10,2100	10,2100	10,2100			10,2100					
Certificate	NL0012904833	DAX 10421TRLOPENH	EUR	8,6800	8,6800	8,6800			8,6800					
Certificate	DE000VA71N85	DAX 10439TL OPENV	EUR	8,4850	8,4850	8,4850			8,4850					
Certificate	DE000VA71N22	DAX 10440TL OPENV	EUR	10,4150	10,4150	10,4150			10,4150					
Certificate	DE000CD62692	DAX 10445TL OPENZ	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	LU1840976994	DAX 10447TCIOPENS	EUR	8,5400	8,5400	8,5400			8,5400					



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	NL0013086754	DAX 10485TRLOPENH	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	DE000VA71PA0	DAX 10489TL OPENV	EUR	6,4000	7,9850	6,4000	658,1300	5	7,9850		94			
Certificate	DE000VA71N10	DAX 10490TL OPENV	EUR	9,9250	9,9250	9,9250			9,9250					
Certificate	DE000CD627R8	DAX 10496TL OPENZ	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	DE000CJ3PK85	DAX 10500SWT0219Z	EUR	4,0500	4,4800	4,0500			4,4800					
Certificate	DE000CP06MU9	DAX 10500TL 0319C	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	DE000VA71M78	DAX 10500TL 0319V	EUR	8,0850	8,0850	8,0850			8,0850					
Certificate	DE000CX59UM2	DAX 10500TL OPENC	EUR	0,7700	2,8700	0,6300	54877,3700	25		53332				
Certificate	DE000CX59W45	DAX 10500TL OPENC	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	NL0013081466	DAX 10500TL OPENH	EUR	7,6300	9,6600	7,6300	100329,3400	10		12199				
Certificate	NL0013085848	DAX 10507TRLOPENH	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	NL0011911516	DAX 10520TL OPENB	EUR	10,6750	10,6750	10,6750			10,6750					
Certificate	NL0013082894	DAX 10531TRLOPENH	EUR	7,5800	7,5800	7,5800			7,5800					
Certificate	DE000VA71PD4	DAX 10539TL OPENV	EUR	7,4850	7,4850	7,4850			7,4850					
Certificate	DE000VA71N36	DAX 10540TL OPENV	EUR	9,4350	9,4350	9,4350			9,4350					
Certificate	DE000CD626A6	DAX 10548TL OPENZ	EUR	7,4850	7,4850	7,4850			7,4850					
Certificate	NL0013081045	DAX 10554TRLOPENH	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	NL0013081458	DAX 10580TL OPENH	EUR	8,5100	8,5100	8,5100			8,5100					
Certificate	DE000VA71PG7	DAX 10589TL OPENV	EUR	6,9950	6,9950	6,9950			6,9950					
Certificate	DE000VA71N51	DAX 10590TL OPENV	EUR	8,9450	8,9450	8,9450			8,9450					
Certificate	DE000CD62A08	DAX 10590TL OPENZ	EUR	8,5750	8,5750	8,5750			8,5750					
Certificate	NL0013082274	DAX 10592TRLOPENH	EUR	6,9800	6,9800	6,9800			6,9800					
Certificate	DE000CD626B4	DAX 10599TL OPENZ	EUR	6,9700	6,9700	6,9700			6,9700					
Certificate	DE000VA71NA5	DAX 10600TL 0319V	EUR	7,0850	7,0850	7,0850			7,0850					
Certificate	DE000VA8FVL7	DAX 10600TL 1218V	EUR	7,0150	7,0150	7,0150			7,0150					
Certificate	DE000CV8AAL0	DAX 10600TL 1218Z	EUR	5,2300	7,0000	5,2300	12585,0000	3		7,0000	2250			
Certificate	DE000CX59UN0	DAX 10600TL OPENC	EUR											
Certificate	DE000CX59W52	DAX 10600TL OPENC	EUR											
Certificate	NL0011911623	DAX 10625BL OPENB	EUR	5,0600	6,9450	5,0400	11274,0000	4		6,9450	2150			
Certificate	NL0013081037	DAX 10634TRLOPENH	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	LU1840977026	DAX 10641TCIOPENB	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	DE000VA77FD0	DAX 10641TL OPENV	EUR	4,8070	6,7850	4,5885	46396,9800	29		6,4650	8000			
Certificate	DE000CD626C2	DAX 10650TL OPENZ	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	DE000VA6EAU9	DAX 10660TL OPENV	EUR	8,0950	8,0950	8,0950			8,0950					
Certificate	NL0012029045	DAX 10670TL OPENB	EUR	9,2550	9,2550	9,2550			9,2550					
Certificate	NL0011993241	DAX 10680TL OPENH	EUR	7,5400	7,5400	7,5400			7,5400					
Certificate	NL0013083439	DAX 10690TRLOPENH	EUR	4,2000	6,0000	4,2000	5862,0000	4		6,0000	1100			
Certificate	DE000VA77D24	DAX 10700TL 0319V	EUR	6,0950	6,0950	6,0950			6,0950					
Certificate	DE000VA71U45	DAX 10700TL 1218V	EUR	6,0450	6,0450	6,0450			6,0450					
Certificate	DE000CX59W60	DAX 10700TL OPENC	EUR											
Certificate	DE000CX59UP5	DAX 10700TL OPENC	EUR											
Certificate	DE000CD628K1	DAX 10700TL OPENZ	EUR	5,9600	5,9600	5,9600			5,9600					
Certificate	DE000VA6EAX3	DAX 10710TL OPENV	EUR	7,6050	7,6050	7,6050			7,6050					
Certificate	NL0013083421	DAX 10710TRLOPENH	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	NL0011931043	DAX 10729TRLOPENH	EUR	4,7200	5,6200	4,7200	169472,6500	22		5,6200	32613			
Certificate	NL0011993233	DAX 10730TL OPENH	EUR	5,2300	7,0300	5,2300	2092,0000	1		7,0300	400			
Certificate	DE000VA77CF2	DAX 10738TL OPENV	EUR	4,5220	5,5250	4,5045	361,7600	1		5,5250	80			
Certificate	DE000CD62AS7	DAX 10751TL OPENZ	EUR	5,4750	5,4750	5,4750			5,4750					
Certificate	DE000VA6EAZ8	DAX 10760TL OPENV	EUR	7,1150	7,1150	7,1150			7,1150					
Certificate	NL0012030050	DAX 10770TL OPENB	EUR	6,5300	8,5000	6,5300	28229,5000	12		8,2550	3600			
Certificate	LU1840977299	DAX 10779TCIOPENB	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	DE000VA77CK2	DAX 10788TL OPENV	EUR	5,0355	5,0355	5,0355			5,0355					
Certificate	NL0013083413	DAX 10790TRLOPENH	EUR	3,2400	5,0200	3,2400	799,0000	2		5,0200	200			
Certificate	DE000VA77BZ2	DAX 10800TL 0319V	EUR	5,1315	5,1315	5,1315			5,1315					
Certificate	DE000CV8BD22	DAX 10800TL 1218Z	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000CX59Y92	DAX 10800TL OPENC	EUR											
Certificate	DE000CX59Z83	DAX 10800TL OPENC	EUR											
Certificate	DE000CD62CC7	DAX 10801TL OPENZ	EUR	3,2100	5,0600	3,2100	12820,0000	5		4,9750	3900			
Certificate	NL0012095640	DAX 10810TL OPENH	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000VA6EA09	DAX 10810TL OPENV	EUR	6,6250	6,6250	6,6250			6,6250					
Certificate	NL0012095632	DAX 10830TL OPENH	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	NL0013081029	DAX 10834TRLOPENH	EUR	3,3500	4,6000	3,3500	1750,0000	2		4,6000	500			
Certificate	DE000VA32WT7	DAX 10850TL 1218V	EUR	4,5875	4,5875	4,5875			4,5875					
Certificate	DE000CD62EB5	DAX 10850TL OPENZ	EUR	6,0450	6,0450	6,0450			6,0450					
Certificate	DE000CD62CD5	DAX 10852TL OPENZ	EUR	2,7800	4,4750	2,7800	5,5600	1		4,4750	2			
Certificate	NL0013079809	DAX 10855TRLOPENH	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000VA6EA17	DAX 10860TL OPENV	EUR	6,1350	6,1350	6,1350			6,1350					
Certificate	DE000VA7PVQ7	DAX 10884TL OPENV	EUR	4,0805	4,0805	4,0805			4,0805					
Certificate	NL0012029409	DAX 10887BL OPENB	EUR	2,6300	4,7500	2,6300	23886,3000	38		4,3250	7057			
Certificate	NL0013083405	DAX 10890TRLOPENH	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	DE000VA7PVH6	DAX 10900TL 0319V	EUR	4,1645	4,1645	4,1645			4,1645					
Certificate	DE000VA32WU5	DAX 10900TL 1218V	EUR	4,1035	4,1035	4,1035			4,1035					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CX59YA9	DAX 10900TL OPENC	EUR											
Certificate	DE000CX59Z91	DAX 10900TL OPENC	EUR											
Certificate	DE000CD62CE3	DAX 10903TL OPENZ	EUR	3,9650	3,9650	3,9650			3,9650					
Certificate	DE000VAGEA25	DAX 10910TL OPENV	EUR	5,6450	5,6450	5,6450			5,6450					
Certificate	NL0012898597	DAX 10916TRLOPENH	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	NL0013079122	DAX 10920TL OPENV	EUR	3,2900	5,5000	3,2900	14645,6300	54		3569				
Certificate	DE000VAGEA66	DAX 10925TL OPENV	EUR	3,5605	3,5605	3,5605			3,5605					
Certificate	NL0013086747	DAX 10945TRLOPENH	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	NL0013085830	DAX 10947TRLOPENH	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	LU1732548901	DAX 10948TL OPENS	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000VA3ZWW3	DAX 10950TL 1218V	EUR	1,8890	3,6195	1,8890	1010,7500	2	3,6195	500				
Certificate	NL0013084528	DAX 10950TRLOPENH	EUR	1,7200	3,6400	1,7200	3460,7500	5	3,4800	1075				
Certificate	NL0013083397	DAX 10950TRLOPENH	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000CD62F52	DAX 10951TL OPENZ	EUR	1,7550	3,4850	1,5700	610,2000	2	3,4850	360				
Certificate	DE000VAGEA33	DAX 10960TL OPENV	EUR	5,1450	5,1450	5,1450			5,1450					
Certificate	NL0012036925	DAX 10970TL OPENB	EUR	4,4200	6,2750	4,4200	16694,5000	6	6,2750	3400				
Certificate	DE000VAGEA74	DAX 10975TL OPENV	EUR	3,0735	3,0735	3,0735			3,0735					
Certificate	NL0013082886	DAX 10981TRLOPENH	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	NL0012091219	DAX 10990TL OPENV	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	NL0013008139	DAX 11000BL OPENB	EUR	1,4900	3,3000	1,3750	71321,9000	18	3,1750	35520				
Certificate	DE000CJ3NYL0	DAX 11000SWT0119Z	EUR	0,5050	1,9100	0,5050			1,9100					
Certificate	DE000CJ3NYK2	DAX 11000SWT0119Z	EUR	0,5050	1,7900	0,5050			1,7900					
Certificate	DE000CP06MV7	DAX 11000TL 0319C	EUR	1,6700	3,1600	1,6700	6520,0000	4	3,1600	3200				
Certificate	DE000VA64082	DAX 11000TL 0319V	EUR	3,1985	3,1985	3,1985			3,1985					
Certificate	DE000VA3ZWW1	DAX 11000TL 1218V	EUR	2,3920	3,1255	2,3920	478,4000	1	3,1255	200				
Certificate	DE000CV8AAM8	DAX 11000TL 1218Z	EUR	2,8000	3,0750	2,4300	5302,0000	3	3,0750	2140				
Certificate	NL0011994868	DAX 11000TRLOPENH	EUR	1,3300	3,0000	1,3300	1006,4000	2	2,9900	380				
Certificate	DE000CD63J21	DAX 11001TL OPENZ	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	DE000VAGEA41	DAX 11010TL OPENV	EUR	4,6585	4,6585	4,6585			4,6585					
Certificate	DE000VAGEA82	DAX 11025TL OPENV	EUR	2,1860	2,5865	1,3930	135579,7200	8	2,5865	62680				
Certificate	NL0013082878	DAX 11031TRLOPENH	EUR	0,9000	2,6800	0,8100	13500,0000	3	2,6800	15000				
Certificate	NL0012091201	DAX 11040TL OPENV	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000CJ3N4B3	DAX 11046TL OPENZ	EUR	0,6700	2,9600	0,5200	26230,1000	20	2,5550	14084				
Certificate	DE000VA3ZWX9	DAX 11050TL 1218V	EUR	1,2490	2,8905	1,1010	85394,8900	39	2,6525	43056				
Certificate	NL0013081011	DAX 11054TRLOPENH	EUR	2,1900	2,7800	1,3100	18901,0400	9	2,4600	9606				
Certificate	DE000VAGEA58	DAX 11060TL OPENV	EUR											
Certificate	DE000VL9SAQ6	DAX 11070TL OPENV	EUR											
Certificate	DE000VAGEA90	DAX 11075TL OPENV	EUR											
Certificate	DE000VL9SA44	DAX 11087TL OPENV	EUR											
Certificate	NL0013081003	DAX 11094TRLOPENH	EUR	0,3600	0,3600	0,3600	108,0000	1	0,3600	300				
Certificate	NL0013008147	DAX 11100BL OPENB	EUR	0,4100	0,4700	0,3400	1552,0000	4	0,3650	3800				
Certificate	DE000VA641A5	DAX 11100TL 0319V	EUR											
Certificate	DE000VA3Z556	DAX 11100TL 1218V	EUR											
Certificate	DE000CD63XS7	DAX 11100TL OPENZ	EUR											
Certificate	DE000CD63M11	DAX 11101TL OPENZ	EUR											
Certificate	NL0012907448	DAX 11120TL OPENV	EUR											
Certificate	NL0012091425	DAX 11126TRLOPENH	EUR											
Certificate	DE000VL8XPG9	DAX 11130TL OPENV	EUR											
Certificate	DE000VL8XPH7	DAX 11137TL OPENV	EUR											
Certificate	DE000VA3ZWY7	DAX 11150TL 1218V	EUR											
Certificate	NL0013083389	DAX 11151TRLOPENH	EUR											
Certificate	DE000CD63M29	DAX 11152TL OPENZ	EUR	0,6100	0,6100	0,0660	185,1900	2	0,0660	2773				
Certificate	NL0013082266	DAX 11152TRLOPENH	EUR											
Certificate	LU1859828151	DAX 11156TCIOPENS	EUR											
Certificate	LU1840977372	DAX 11162TCIOPENS	EUR											
Certificate	NL0013080997	DAX 11174TRLOPENH	EUR											
Certificate	NL0012038210	DAX 11180TL OPENB	EUR											
Certificate	NL0012049621	DAX 11180TL OPENV	EUR											
Certificate	DE000VL8XM98	DAX 11180TL OPENV	EUR											
Certificate	DE000CP06MW5	DAX 11200TL 0319C	EUR											
Certificate	DE000VA641C1	DAX 11200TL 0319V	EUR											
Certificate	DE000VA3Z572	DAX 11200TL 1218V	EUR											
Certificate	DE000CV8AW92	DAX 11200TL 1218Z	EUR											
Certificate	DE000CY0AQ84	DAX 11200TL OPENC	EUR											
Certificate	NL0012038574	DAX 11201BL OPENB	EUR											
Certificate	DE000CD63XN8	DAX 11201TL OPENZ	EUR											
Certificate	NL0013080989	DAX 11205TRLOPENH	EUR											
Certificate	NL0012905699	DAX 11221TRLOPENH	EUR											
Certificate	DE000VL8XFC9	DAX 11226TL OPENV	EUR											
Certificate	NL0012038939	DAX 11230TL OPENB	EUR											
Certificate	NL0012899868	DAX 11230TL OPENV	EUR											
Certificate	DE000VL8XE98	DAX 11230TL 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	LU1840977455	DAX 11245TCIOPENS	EUR											
Certificate	NL0013084510	DAX 11249TRLOPENH	EUR											
Certificate	DE000VA32WZ4	DAX 11250TL 1218V	EUR											
Certificate	DE000CD63YF2	DAX 11250TL OPENZ	EUR											
Certificate	NL0013083371	DAX 11250TRLOPENH	EUR											
Certificate	NL0013080971	DAX 11254TRLOPENH	EUR											
Certificate	DE000VL8XFD7	DAX 11276TL OPENV	EUR											
Certificate	NL0012050330	DAX 11280TL OPENH	EUR											
Certificate	DE000VL8XFA3	DAX 11280TL OPENV	EUR											
Certificate	NL0013080963	DAX 11284TRLOPENH	EUR											
Certificate	DE000VA641E7	DAX 11300TL 0319V	EUR											
Certificate	DE000VA32S98	DAX 11300TL 1218V	EUR											
Certificate	DE000CP06VG9	DAX 11300TL OPENC	EUR											
Certificate	DE000CP07C18	DAX 11300TL OPENC	EUR											
Certificate	DE000CD63YG0	DAX 11301TL OPENZ	EUR											
Certificate	NL0012904825	DAX 11302TRLOPENH	EUR											
Certificate	LU1840977539	DAX 11303TCIOPENS	EUR											
Certificate	NL0013079999	DAX 11320TL OPENH	EUR											
Certificate	DE000VL8XFE5	DAX 11326TL OPENV	EUR											
Certificate	NL0012038954	DAX 11330TL OPENB	EUR											
Certificate	DE000VL8XFB1	DAX 11330TL OPENV	EUR											
Certificate	NL0013080955	DAX 11334TRLOPENH	EUR											
Certificate	DE000VA32W01	DAX 11350TL 1218V	EUR											
Certificate	DE000CD63YH8	DAX 11351TL OPENZ	EUR											
Certificate	NL0013079791	DAX 11355TRLOPENH	EUR											
Certificate	NL0013007537	DAX 11360BL OPENB	EUR											
Certificate	DE000CD63Z16	DAX 11360TL OPENZ	EUR											
Certificate	NL0012905681	DAX 11371TRLOPENH	EUR											
Certificate	LU1840977612	DAX 11376TCIOPENS	EUR											
Certificate	NL0012050892	DAX 11380TL OPENH	EUR											
Certificate	DE000CP06MX3	DAX 11400TL 0319C	EUR											
Certificate	DE000VA641H0	DAX 11400TL 0319V	EUR											
Certificate	DE000VA3ZTB1	DAX 11400TL 1218V	EUR											
Certificate	DE000CV8AAN6	DAX 11400TL 1218Z	EUR											
Certificate	NL0013087257	DAX 11400TS OPENH	EUR	4,6700	4,9100	2,8500	294055,3000	39	2,9300	84000				
Certificate	DE000CD63YJ4	DAX 11402TL OPENZ	EUR											
Certificate	NL0013079783	DAX 11415TRLOPENH	EUR											
Certificate	NL0012171540	DAX 11430TL OPENH	EUR											
Certificate	NL0013015266	DAX 11430TS OPENB	EUR	3,3900	3,3900	2,6550	339,0000	1	2,6550	100				
Certificate	NL0012090476	DAX 11439TRLOPENH	EUR											
Certificate	NL0012039689	DAX 11440TL OPENB	EUR											
Certificate	LU1841151829	DAX 11443TCIOPENS	EUR											
Certificate	DE000VA32W19	DAX 11450TL 1218V	EUR											
Certificate	NL0013087240	DAX 11450TS OPENH	EUR	5,2400	5,2400	3,4300	7324,0000	3	3,4300	1500				
Certificate	NL0013007529	DAX 11460BL OPENB	EUR											
Certificate	LU1859829399	DAX 11481TPIOPENS	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	NL0013086739	DAX 11485TRSOPENH	EUR	3,2200	3,2200	1,9400	47883,4400	22	2,2000	20306				
Certificate	NL0013084502	DAX 11489TRLOPENH	EUR											
Certificate	NL0013012321	DAX 11490TL OPENB	EUR											
Certificate	DE000VA71YH7	DAX 11490TL OPENV	EUR											
Certificate	DE000VA71Y09	DAX 11491TL OPENV	EUR											
Certificate	DE000VA71YU0	DAX 11500TL 0319V	EUR											
Certificate	NL0013084924	DAX 11500TL OPENH	EUR											
Certificate	NL0013086721	DAX 11505TRSOPENH	EUR	3,3900	3,3900	2,3900	3390,0000	1	2,3900	1000				
Certificate	NL0013013444	DAX 11508BL OPENB	EUR											
Certificate	NL0013087232	DAX 11520TS OPENH	EUR	5,0400	5,0800	3,7700	154141,2700	20	4,1400	36301				
Certificate	NL0013086713	DAX 11525TRSOPENH	EUR	4,0000	4,0000	2,5800	2097,0000	5	2,5800	600				
Certificate	NL0013015274	DAX 11530TS OPENB	EUR	5,4200	5,4250	3,6650	16698,0000	13	3,6650	3650				
Certificate	NL0013012495	DAX 11540TL OPENB	EUR											
Certificate	DE000VA71YK1	DAX 11540TL OPENV	EUR											
Certificate	DE000VA71Y17	DAX 11541TL OPENV	EUR											
Certificate	NL0013086705	DAX 11545TRSOPENH	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0013084916	DAX 11550TL OPENH	EUR											
Certificate	NL0013086697	DAX 11555TRSOPENH	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000VA8FV92	DAX 11560TS OPENV	EUR	5,1450	5,1450	5,1450			5,1450					
Certificate	LU1859829472	DAX 11575TPIOPENS	EUR	3,9900	3,9900	3,0000	174,7500	2	3,2800	50				
Certificate	NL0013087224	DAX 11580TS OPENH	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	NL0013014715	DAX 11582BS OPENB	EUR	4,8200	4,8200	3,1650	3586,2500	6	3,3650	816				
Certificate	NL0013086689	DAX 11585TRSOPENH	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	NL0013012503	DAX 11590TL OPENB	EUR											
Certificate	DE000VA71YP0	DAX 11590TL OPENV	EUR											
Certificate	DE000CJ3PG12	DAX 11591TS OPENZ	EUR	3,3150	3,3150	3,3150			3,3150					



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	DE000VA8FVX2	DAX 11600TS 0319V	EUR	3,5635	3,5635	3,5635			3,5635					
Certificate	DE000VA8FVN3	DAX 11600TS 1218V	EUR	3,5295	3,5295	3,5295			3,5295					
Certificate	DE000CJ3PIA9	DAX 11600TS 1218Z	EUR	3,5250	3,5250	3,5250			3,5250					
Certificate	NL0013086671	DAX 11605TRSOPENH	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000VA8FWC4	DAX 11610TS OPENV	EUR	5,6550	5,6550	5,6550			5,6550					
Certificate	DE000VA8FU69	DAX 11619TS OPENV	EUR	3,5805	3,5805	3,5805			3,5805					
Certificate	NL0013086663	DAX 11625TRSOPENH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0013015282	DAX 11630TS OPENB	EUR	5,6900	5,6950	4,6750	2222,0000	2	4,6750	400				
Certificate	NL0013013592	DAX 11640TL OPENB	EUR											
Certificate	NL0013087216	DAX 11640TS OPENH	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	DE000CJ3PG20	DAX 11641TS OPENZ	EUR	3,8050	3,8050	3,8050			3,8050					
Certificate	NL0013086655	DAX 11645TRSOPENH	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	NL0013086648	DAX 11655TRSOPENH	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	DE000VA8FWF7	DAX 11660TS OPENV	EUR	6,1650	6,1650	6,1650			6,1650					
Certificate	DE000VA8FVA0	DAX 11669TS OPENV	EUR	4,0665	4,0665	4,0665			4,0665					
Certificate	LU1732547762	DAX 11672TL OPENS	EUR											
Certificate	LU1859829555	DAX 11672TPIOPENS	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	NL0013014723	DAX 11682BS OPENB	EUR	4,3650	4,3650	4,3650			4,3650					
Certificate	NL0013086630	DAX 11685TRSOPENH	EUR	3,7600	4,1400	3,7600	11018,0000	2	4,1400	2800				
Certificate	DE000CJ3PG38	DAX 11691TS OPENZ	EUR	4,2950	4,2950	4,2950			4,2950					
Certificate	DE000CP06578	DAX 11700TL OPENC	EUR											
Certificate	DE000VA8FV01	DAX 11700TS 0319V	EUR	4,5565	4,5565	4,5565			4,5565					
Certificate	DE000VA8FVQ6	DAX 11700TS 1218V	EUR	4,5205	4,5205	4,5205			4,5205					
Certificate	NL0013087208	DAX 11700TS OPENH	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	NL0013086622	DAX 11705TRSOPENH	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	DE000VA8FWJ9	DAX 11710TS OPENV	EUR	6,6750	6,6750	6,6750			6,6750					
Certificate	DE000VA8FVD4	DAX 11719TS OPENV	EUR	4,5525	4,5525	4,5525			4,5525					
Certificate	DE000CJ3PIF8	DAX 11720TS OPENZ	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	NL0013086614	DAX 11725TRSOPENH	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	NL0013014053	DAX 11730TS OPENB	EUR	7,3900	7,3900	5,3950	19490,0000	4	5,6650	2900				
Certificate	DE000CJ3PG46	DAX 11741TS OPENZ	EUR	4,7850	4,7850	4,7850			4,7850					
Certificate	NL0013086606	DAX 11745TRSOPENH	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000VA8FWM3	DAX 11760TS OPENV	EUR	7,1850	7,1850	7,1850			7,1850					
Certificate	DE000VA8FVF9	DAX 11769TS OPENV	EUR	5,0375	5,0375	5,0375			5,0375					
Certificate	LU1859829639	DAX 11775TPIOPENS	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	NL0013013782	DAX 11780BS OPENB	EUR	7,3000	7,3000	5,2050	33214,9900	23	5,3550	5637				
Certificate	NL0013085244	DAX 11780TS OPENH	EUR	8,4500	8,4500	6,7700	16900,0000	1	6,7700	2000				
Certificate	NL0013085509	DAX 11784TRSOPENH	EUR	6,8900	6,8900	5,0100	2701,7800	4	5,1100	502				
Certificate	DE000CJ3PFD1	DAX 11790TS OPENZ	EUR	7,1800	7,1800	4,8500	44975,2500	37	5,2600	7735				
Certificate	DE000CP06M28	DAX 11800TL 0319C	EUR											
Certificate	DE000VA8FV43	DAX 11800TS 0319V	EUR	5,5550	5,5550	5,5550			5,5550					
Certificate	DE000VA8FVS2	DAX 11800TS 1218V	EUR	5,5050	5,5050	5,5050			5,5050					
Certificate	DE000CJ3PIB7	DAX 11800TS 1218Z	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	DE000CP06VH7	DAX 11800TS OPENC	EUR											
Certificate	DE000CP07C26	DAX 11800TS OPENC	EUR											
Certificate	NL0013081433	DAX 11800TS OPENH	EUR											
Certificate	NL0013082852	DAX 11804TRSOPENH	EUR											
Certificate	DE000VA71VW2	DAX 11810TS OPENV	EUR											
Certificate	DE000VA8FSF5	DAX 11810TS OPENV	EUR	7,6850	7,6850	7,6850			7,6850					
Certificate	DE000VA8FVJ1	DAX 11819TS OPENV	EUR	5,5250	5,5250	5,5250			5,5250					
Certificate	NL0013085491	DAX 11824TRSOPENH	EUR	7,2300	7,2300	5,5100	3253,5000	1	5,5100	450				
Certificate	LU1841151662	DAX 11829TPIOPENS	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	NL0013014061	DAX 11830TS OPENB	EUR	8,4500	8,4500	6,4000	14908,0000	4	6,6750	1900				
Certificate	NL0013082845	DAX 11834TRSOPENH	EUR											
Certificate	DE000CJ3PFE9	DAX 11840TS OPENZ	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	NL0013080948	DAX 11841TRSOPENH	EUR	6,7400	6,7400	5,6800	8783,0200	13	5,6800	1399				
Certificate	NL0013085483	DAX 11844TRSOPENH	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	DE000CJ3N4C1	DAX 11844TS OPENZ	EUR											
Certificate	NL0013081425	DAX 11850TS OPENH	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	DE000VA71NP3	DAX 11860TS OPENV	EUR	8,1350	8,1350	8,1350			8,1350					
Certificate	DE000VA8FSA6	DAX 11870TS OPENV	EUR	6,0050	6,0050	6,0050			6,0050					
Certificate	NL0013080930	DAX 11871TRSOPENH	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	NL0013008451	DAX 11877BS OPENB	EUR	8,3000	8,3500	6,3250	38040,6000	13	6,3250	5160				
Certificate	LU1732547846	DAX 11880TL OPENS	EUR											
Certificate	DE000CJ3PFF6	DAX 11890TS OPENZ	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	DE000VA71NE7	DAX 11900TS 0319V	EUR	6,5650	6,5650	6,5650			6,5650					
Certificate	DE000VA71MX9	DAX 11900TS 1218V	EUR	6,5050	6,5050	6,5050			6,5050					
Certificate	DE000CP06VJ3	DAX 11900TS OPENC	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	DE000CP07C34	DAX 11900TS OPENC	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	NL0013080922	DAX 11901TRSOPENH	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	DE000VA71NR9	DAX 11910TS OPENV	EUR	8,6450	8,6450	8,6450			8,6450					
Certificate	NL0013081417	DAX 11920TS OPENH	EUR	8,1100	8,1100	8,1100			8,1100					



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	DE000VA71MC3	DAX 11923TS OPENV	EUR	6,4650	6,4650	6,4650			6,4650					
Certificate	LU1840974601	DAX 11930TPIOPENS	EUR	7,4500	7,4500	6,6600	1446,0000	2	6,6600	200				
Certificate	NL0013009434	DAX 11930TS OPENB	EUR	8,6400	8,6400	7,7050	4752,0000	1	7,7050	550				
Certificate	NL0013080914	DAX 11931TRSOPENH	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	NL0013083363	DAX 11937TRSOPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	DE000CJ3N4D9	DAX 11938TS OPENZ	EUR	8,6500	8,6500	6,4500	66257,7900	19	6,7100	8937				
Certificate	DE000VA71NT5	DAX 11960TS OPENV	EUR	9,1550	9,1550	9,1550			9,1550					
Certificate	NL0013080906	DAX 11961TRSOPENH	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	DE000CJ3NSU0	DAX 11970TS OPENZ	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	DE000VA71MF6	DAX 11973TS OPENV	EUR	8,7000	8,7000	6,9550	17400,0000	4	6,9550	2000				
Certificate	NL0013008469	DAX 11977BS OPENB	EUR	7,5500	7,5650	7,3250	755,0000	1	7,3250	100				
Certificate	NL0013081409	DAX 11980TS OPENH	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	DE000CJ3PCH9	DAX 11988TS OPENZ	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	NL0013080898	DAX 11991TRSOPENH	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	DE000VA71NG2	DAX 12000TS 0319V	EUR	7,5750	7,5750	7,5750			7,5750					
Certificate	DE000VA71M03	DAX 12000TS 1218V	EUR	7,5050	7,5050	7,5050			7,5050					
Certificate	DE000CJ3PD15	DAX 12000TS 1218Z	EUR	8,5000	8,5000	7,4500	1171,0000	2	7,4500	151				
Certificate	DE000CP07C42	DAX 12000TS OPENC	EUR	9,2300	9,2300	8,2100	1489,4400	2	8,3600	168				
Certificate	DE000CP06VK1	DAX 12000TS OPENC	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	DE000VA71NU3	DAX 12010TS OPENV	EUR	9,6650	9,6650	9,6650			9,6650					
Certificate	NL0013080880	DAX 12021TRSOPENH	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	LU1840974783	DAX 12023TPIOPENS	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	DE000VA71MJ8	DAX 12023TS OPENV	EUR	7,4550	7,4550	7,4550			7,4550					
Certificate	NL0013007800	DAX 12030TS OPENB	EUR	10,4400	10,4400	8,5000	28109,5000	8	8,7050	2890				
Certificate	DE000CJ3N4E7	DAX 12038TS OPENZ	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	NL0013079981	DAX 12050TS OPENH	EUR	11,1200	11,1200	9,4200	55,6000	1	9,4200	5				
Certificate	NL0013080872	DAX 12051TRSOPENH	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	DE000VA71NW9	DAX 12060TS OPENV	EUR	10,1750	10,1750	10,1750			10,1750					
Certificate	DE000VA71MP5	DAX 12073TS OPENV	EUR	7,9550	7,9550	7,9550			7,9550					
Certificate	NL0013008477	DAX 12077BS OPENB	EUR	10,0200	10,0200	8,0700	13268,5000	6	8,3250	1500				
Certificate	DE000VA1GJD2	DAX 12080TL OPENV	EUR											
Certificate	NL0013080864	DAX 12081TRSOPENH	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	DE000CJ3N732	DAX 12090TS OPENZ	EUR	9,3800	9,3800	8,2200	1838,0000	2	8,2200	200				
Certificate	DE000CQ5AQB0	DAX 12100TL OPENC	EUR											
Certificate	DE000VA71NK4	DAX 12100TS 0319V	EUR	8,5850	8,5850	8,5850			8,5850					
Certificate	DE000VA71M45	DAX 12100TS 1218V	EUR	8,5150	8,5150	8,5150			8,5150					
Certificate	DE000CP06VL9	DAX 12100TS OPENC	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	DE000CP07C59	DAX 12100TS OPENC	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	NL0013079973	DAX 12100TS OPENH	EUR	9,9200	9,9200	9,9200			9,9200					
Certificate	DE000VA71NY5	DAX 12110TS OPENV	EUR	10,6850	10,6850	10,6850			10,6850					
Certificate	NL0013080856	DAX 12111TRSOPENH	EUR	8,3700	8,3700	8,3700			8,3700					
Certificate	LU1840959982	DAX 12118TPIOPENS	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	DE000VA71MR1	DAX 12123TS OPENV	EUR	8,4550	8,4550	8,4550			8,4550					
Certificate	NL0013007123	DAX 12130TS OPENB	EUR	9,7050	9,7050	9,7050			9,7050					
Certificate	DE000CJ3N3U5	DAX 12137TS OPENZ	EUR	10,2000	10,2000	8,6800	1500,0000	2	8,6800	150				
Certificate	NL0013084494	DAX 12138TRSOPENH	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	NL0013079965	DAX 12140TS OPENH	EUR	10,3300	10,3300	10,3300			10,3300					
Certificate	NL0013080849	DAX 12141TRSOPENH	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	NL0013085822	DAX 12145TRSOPENH	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	DE000VA3TJM2	DAX 12160TL OPENV	EUR											
Certificate	DE000VA7TD32	DAX 12160TS OPENV	EUR	11,1550	11,1550	11,1550			11,1550					
Certificate	NL0013079775	DAX 12170TRSOPENH	EUR	8,9600	8,9600	8,9600			8,9600					
Certificate	DE000VA7TE56	DAX 12174TS OPENV	EUR	8,9350	8,9350	8,9350			8,9350					
Certificate	NL0013006851	DAX 12176BS OPENB	EUR	11,0200	11,0250	9,3050	6175,0000	4	9,3050	600				
Certificate	NL0013079957	DAX 12180TS OPENH	EUR	10,7300	10,7300	10,7300			10,7300					
Certificate	DE000CJ3N153	DAX 12187TS OPENZ	EUR	9,1700	9,1700	9,1700			9,1700					
Certificate	NL0013079767	DAX 12190TRSOPENH	EUR	9,1600	9,1600	9,1600			9,1600					
Certificate	DE000CQ5AXZ5	DAX 12200TL OPENC	EUR											
Certificate	DE000VA7TE98	DAX 12200TS 0319V	EUR	9,5950	9,5950	9,5950			9,5950					
Certificate	DE000VA7TE72	DAX 12200TS 1218V	EUR	9,5150	9,5150	9,5150			9,5150					
Certificate	DE000CJ3N3T7	DAX 12200TS 1218Z	EUR	9,4400	9,4400	9,4400			9,4400					
Certificate	DE000CP06VM7	DAX 12200TS OPENC	EUR	9,1900	9,1900	9,1900			9,1900					
Certificate	DE000CP07C67	DAX 12200TS OPENC	EUR	10,3700	10,3700	10,3700			10,3700					
Certificate	NL0013079759	DAX 12210TRSOPENH	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	DE000VA7TB67	DAX 12210TS OPENV	EUR	11,6550	11,6550	11,6550			11,6550					
Certificate	NL0013079114	DAX 12220TS OPENH	EUR	11,1200	11,1200	11,1200			11,1200					
Certificate	DE000CJ3N3C3	DAX 12220TS OPENZ	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	DE000VA7TDY1	DAX 12224TS OPENV	EUR	9,4250	9,4250	9,4250			9,4250					
Certificate	NL0013079742	DAX 12230TRSOPENH	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	NL0013006448	DAX 12230TS OPENB	EUR	10,7050	10,7050	10,7050			10,7050					
Certificate	LU1840910548	DAX 12232TPIOPENS	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	DE000CJ3N0U1	DAX 12236TS OPENZ	EUR	11,4700	11,4700	9,6600	1147,0000	1	9,6600	100				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013079734	DAX 12250TRSOPENH	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	NL0013079106	DAX 12250TS OPENH	EUR	13,1400	13,1400	11,4300	131,4000	1	11,4300	10				
Certificate	DE000VA7TB83	DAX 12260TS OPENV	EUR	12,1650	12,1650	12,1650			12,1650					
Certificate	NL0013079726	DAX 12270TRSOPENH	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	NL0013006125	DAX 12274BS OPENB	EUR	10,2950	10,2950	10,2950			10,2950					
Certificate	DE000VA7TD08	DAX 12274TS OPENV	EUR	9,9250	9,9250	9,9250			9,9250					
Certificate	NL0013078462	DAX 12286TRSOPENH	EUR	10,5000	10,5000	10,1200	4200,0000	1	10,1200	400				
Certificate	DE000CJ3NOV9	DAX 12286TS OPENZ	EUR	10,1600	10,1600	10,1600			10,1600					
Certificate	DE000CQ5AY02	DAX 12300TL OPENC	EUR											
Certificate	DE000CQ5AXK7	DAX 12300TL OPENC	EUR											
Certificate	DE000VA7TB18	DAX 12300TS 0319V	EUR	10,6050	10,6050	10,6050			10,6050					
Certificate	DE000VA7TBX7	DAX 12300TS 1218V	EUR	10,5250	10,5250	10,5250			10,5250					
Certificate	NL0013079098	DAX 12300TS OPENH	EUR	11,9300	11,9300	11,9300			11,9300					
Certificate	DE000VA7TCA3	DAX 12310TS OPENV	EUR	12,6750	12,6750	12,6750			12,6750					
Certificate	DE000VA7TB57	DAX 12324TS OPENV	EUR	10,4150	10,4150	10,4150			10,4150					
Certificate	DE000CV8A2Z1	DAX 12327TL OPENZ	EUR											
Certificate	NL0013005390	DAX 12330TS OPENB	EUR	13,4600	13,4650	11,7050	13,4600	1	11,7050	1				
Certificate	DE000CJ3NOW7	DAX 12335TS OPENZ	EUR	10,6500	10,6500	10,6500			10,6500					
Certificate	DE000VA7TCD7	DAX 12360TS OPENV	EUR	13,1850	13,1850	13,1850			13,1850					
Certificate	NL0013005051	DAX 12373BS OPENB	EUR	11,8700	11,8750	11,2850	1187,0000	1	11,2850	100				
Certificate	DE000VA7TBU3	DAX 12374TS OPENV	EUR	10,9150	10,9150	10,9150			10,9150					
Certificate	NL0013079536	DAX 12377TRSOPENH	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	DE000CJ3NOX5	DAX 12385TS OPENZ	EUR	11,1500	11,1500	11,1500			11,1500					
Certificate	NL0013079528	DAX 12387TRSOPENH	EUR	11,1300	11,1300	11,1300			11,1300					
Certificate	DE000CV8A302	DAX 12389TL OPENZ	EUR											
Certificate	NL0013078454	DAX 12396TRSOPENH	EUR	11,2200	11,2200	11,2200			11,2200					
Certificate	DE000CQ5AXL5	DAX 12400TL OPENC	EUR											
Certificate	DE000CQ5AY10	DAX 12400TL OPENC	EUR											
Certificate	DE000VA7TB34	DAX 12400TS 0319V	EUR	11,6150	11,6150	11,6150			11,6150					
Certificate	DE000VA7TBY5	DAX 12400TS 1218V	EUR	11,5250	11,5250	11,5250			11,5250					
Certificate	DE000CJ3N120	DAX 12400TS 1218Z	EUR	11,4400	11,4400	11,4400			11,4400					
Certificate	DE000CP06891	DAX 12400TS OPENC	EUR											
Certificate	DE000CP067N2	DAX 12400TS OPENC	EUR											
Certificate	DE000VA7PVP9	DAX 12410TS OPENV	EUR	13,6650	13,6650	13,6650			13,6650					
Certificate	NL0012906895	DAX 12420TS OPENH	EUR	13,1100	13,1100	13,1100			13,1100					
Certificate	DE000VA7TBV1	DAX 12424TS OPENV	EUR	11,4150	11,4150	11,4150			11,4150					
Certificate	NL0012895478	DAX 12426TRSOPENH	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	DE000CV8A310	DAX 12427TL OPENZ	EUR											
Certificate	NL0013004120	DAX 12430TS OPENB	EUR	13,7000	13,7000	12,6750	808,3000	1	12,6750	59				
Certificate	DE000CJ3NZX2	DAX 12434TS OPENZ	EUR	11,6400	11,6400	11,6400			11,6400					
Certificate	DE000CV8ADE9	DAX 12439TL OPENZ	EUR											
Certificate	NL0012894471	DAX 12440TS OPENH	EUR	13,3600	13,3600	13,3600			13,3600					
Certificate	NL0012900567	DAX 12440TS OPENH	EUR	13,3700	13,3700	13,3700			13,3700					
Certificate	NL0012906341	DAX 12461TRSOPENH	EUR	11,8700	11,8700	11,8700			11,8700					
Certificate	NL0012994701	DAX 12469BS OPENB	EUR	12,2450	12,2450	12,2450			12,2450					
Certificate	DE000CV8B870	DAX 12470TS OPENZ	EUR	13,6200	13,6200	13,6200			13,6200					
Certificate	DE000CV8B896	DAX 12476TS OPENZ	EUR	12,7800	12,8800	12,0500	76,5700	3	12,0500	6				
Certificate	NL0012894430	DAX 12480TS OPENH	EUR	13,7600	13,7600	13,7600			13,7600					
Certificate	NL0012894422	DAX 12490TS OPENH	EUR	13,8600	13,8600	13,8600			13,8600					
Certificate	DE000VAD6492	DAX 12490TS OPENV	EUR	14,2350	14,2350	14,2350			14,2350					
Certificate	NL0012895437	DAX 12496TRSOPENH	EUR	13,6000	13,6000	12,1600	1989,7900	5	12,2100	154				
Certificate	DE000CQ5AY28	DAX 12500TL OPENC	EUR											
Certificate	DE000CQ5AXM3	DAX 12500TL OPENC	EUR											
Certificate	DE000CP06P21	DAX 12500TS 0319C	EUR	12,5900	12,5900	12,5900			12,5900					
Certificate	DE000VA7PVL8	DAX 12500TS 0319V	EUR	12,6150	12,6150	12,6150			12,6150					
Certificate	DE000VAD6527	DAX 12500TS 1218V	EUR	12,2500	12,5250	12,2500	122,5000	1	12,5250	10				
Certificate	DE000CP067P7	DAX 12500TS OPENC	EUR	11,7700	11,7700	11,7700			11,7700					
Certificate	DE000CP068A7	DAX 12500TS OPENC	EUR	12,9400	12,9400	12,9400			12,9400					
Certificate	NL0012894414	DAX 12500TS OPENH	EUR	13,9600	13,9600	13,9600			13,9600					
Certificate	DE000VAD6443	DAX 12500TS OPENV	EUR	11,9050	11,9050	11,9050			11,9050					
Certificate	NL0012993398	DAX 12520TS OPENB	EUR	14,2450	14,2450	14,2450			14,2450					
Certificate	NL0012906333	DAX 12521TRSOPENH	EUR	12,4700	12,4700	12,4700			12,4700					
Certificate	DE000CJ3NZP8	DAX 12533TS OPENZ	EUR	12,6200	12,6200	12,6200			12,6200					
Certificate	DE000VAD63L2	DAX 12540TS OPENV	EUR	14,7250	14,7250	14,7250			14,7250					
Certificate	NL0012937585	DAX 12546TRSOPENH	EUR	12,7100	12,7100	12,7100			12,7100					
Certificate	DE000VAD6450	DAX 12550TS OPENV	EUR	12,4050	12,4050	12,4050			12,4050					
Certificate	LU1817097154	DAX 12560TPIOPENS	EUR	12,5000	12,5000	12,5000			12,5000					
Certificate	NL0012905392	DAX 12560TRSOPENH	EUR	12,8500	12,8500	12,8500			12,8500					
Certificate	NL0012893770	DAX 12560TS OPENH	EUR	14,5600	14,5600	14,5600			14,5600					
Certificate	DE000CV8AVG6	DAX 12567TS OPENZ	EUR	12,9500	12,9500	12,9500			12,9500					
Certificate	NL0012988844	DAX 12568BS OPENB	EUR	13,2250	13,2250	13,2250			13,2250					
Certificate	NL0012905384	DAX 12570TRSOPENH	EUR	12,9500	12,9500	12,9500			12,9500					



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	NL0012937890	DAX 12580TS OPENH	EUR	14,7900	14,7900	14,7900			14,7900					
Certificate	NL0012937544	DAX 12586TRSOPENH	EUR	13,1100	13,1100	13,1100			13,1100					
Certificate	DE000VASRRT9	DAX 12590TS OPENV	EUR	15,2250	15,2250	15,2250				15,2250				
Certificate	NL0012905376	DAX 12600TRSOPENH	EUR	13,2500	13,2500	13,2500				13,2500				
Certificate	DE000CP06Q05	DAX 12600TS 0319C	EUR	13,5900	13,5900	13,5900				13,5900				
Certificate	DE000VA7PPV9	DAX 12600TS 0319V	EUR	13,6250	13,6250	13,6250				13,6250				
Certificate	DE000VASRC29	DAX 12600TS 1218V	EUR	13,5250	13,5250	13,5250				13,5250				
Certificate	DE000CV8AXD9	DAX 12600TS 1218Z	EUR	13,4400	13,4400	13,4400				13,4400				
Certificate	DE000CP064N9	DAX 12600TS OPENC	EUR	12,7400	12,7400	12,7400				12,7400				
Certificate	DE000CQ58WB6	DAX 12600TS OPENC	EUR	13,6900	13,6900	13,6900				13,6900				
Certificate	NL0012905368	DAX 12610TRSOPENH	EUR	13,3500	13,3500	13,3500				13,3500				
Certificate	NL0012988638	DAX 12610TS OPENB	EUR	15,2050	15,2050	15,2050				15,2050				
Certificate	DE000VASRC94	DAX 12618TS OPENV	EUR	12,8950	12,8950	12,8950				12,8950				
Certificate	NL0012937502	DAX 12625TRSOPENH	EUR	13,9700	13,9700	13,5100	1047,7500	1	13,5100		75			
Certificate	DE000CJ3NV07	DAX 12628TS OPENZ	EUR	13,5700	13,5700	13,5700				13,5700				
Certificate	NL0012893143	DAX 12640TS OPENH	EUR	15,3400	15,3400	15,3400				15,3400				
Certificate	DE000VASRDF8	DAX 12640TS OPENV	EUR	15,5650	15,5650	15,5650				15,5650				
Certificate	DE000VASRDM4	DAX 12650TS 1218V	EUR	14,0250	14,0250	14,0250				14,0250				
Certificate	NL0012937106	DAX 12654TRSOPENH	EUR	13,7900	13,7900	13,7900				13,7900				
Certificate	NL0012936777	DAX 12660TS OPENH	EUR	15,5900	15,5900	15,5900				15,5900				
Certificate	NL0012988448	DAX 126668S OPENB	EUR	14,2050	14,2050	14,2050				14,2050				
Certificate	DE000CV8AU11	DAX 12666TS OPENZ	EUR	13,9400	13,9400	13,9400				13,9400				
Certificate	DE000VASRDA9	DAX 12668TS OPENV	EUR	13,3950	13,3950	13,3950				13,3950				
Certificate	NL0012937080	DAX 12674TRSOPENH	EUR	13,9900	13,9900	13,9900				13,9900				
Certificate	LU1816971482	DAX 12678TPIOPENS	EUR	13,4600	13,4600	13,4600				13,4600				
Certificate	NL0012937072	DAX 12684TRSOPENH	EUR	14,8900	15,3200	14,0900	2992,0000	3	14,0900		200			
Certificate	NL0012934483	DAX 12690TS OPENH	EUR	15,9100	15,9100	15,9100				15,9100				
Certificate	DE000VASRDG6	DAX 12690TS OPENV	EUR	16,0750	16,0750	16,0750				16,0750				
Certificate	DE000CP06N32	DAX 12700TS 0319C	EUR	14,5900	14,5900	14,5900				14,5900				
Certificate	DE000VA7PPY3	DAX 12700TS 0319V	EUR	14,6250	14,6250	14,6250				14,6250				
Certificate	DE000VASRC37	DAX 12700TS 1218V	EUR	14,5250	14,5250	14,5250				14,5250				
Certificate	NL0012986582	DAX 12700TS OPENB	EUR	17,9300	18,1100	16,1350	11121,7000	3	16,1350		622			
Certificate	DE000CP061U0	DAX 12700TS OPENC	EUR	13,7100	13,7100	13,7100				13,7100				
Certificate	DE000CQ58WC4	DAX 12700TS OPENC	EUR	14,7000	14,7000	14,7000				14,7000				
Certificate	DE000CQ5ACD6	DAX 12700TS OPENC	EUR											
Certificate	DE000CV8B6R8	DAX 12717TS OPENZ	EUR	15,4100	15,4100	14,4500	15,4100	1	14,4500		1			
Certificate	DE000VASRD87	DAX 12718TS OPENV	EUR	13,8850	13,8850	13,8850				13,8850				
Certificate	DE000CV8ALE2	DAX 12720TS OPENZ	EUR	16,1000	16,1000	16,1000				16,1000				
Certificate	NL0012937031	DAX 12723TRSOPENH	EUR	14,4900	14,4900	14,4900				14,4900				
Certificate	NL0012935019	DAX 12737TRSOPENH	EUR	14,6300	14,6300	14,6300				14,6300				
Certificate	DE000VASRDJ0	DAX 12740TS OPENV	EUR	16,5850	16,5850	16,5850				16,5850				
Certificate	DE000VASRDN2	DAX 12750TS 1218V	EUR	15,0250	15,0250	15,0250				15,0250				
Certificate	NL0012934442	DAX 12760TS OPENH	EUR	16,6100	16,6100	16,6100				16,6100				
Certificate	DE000CV8AU29	DAX 12765TS OPENZ	EUR	14,9300	14,9300	14,9300				14,9300				
Certificate	NL0012934848	DAX 12766TRSOPENH	EUR	14,9100	14,9100	14,9100				14,9100				
Certificate	DE000VASRDC5	DAX 12768TS OPENV	EUR	14,3850	14,3850	14,3850				14,3850				
Certificate	DE000CV89MS7	DAX 12776TS OPENZ	EUR											
Certificate	DE000VASRCN4	DAX 12790TS OPENV	EUR	17,0850	17,0850	17,0850				17,0850				
Certificate	LU1816971565	DAX 12794TPIOPENS	EUR	14,6100	14,6100	14,6100				14,6100				
Certificate	NL0012904098	DAX 12795TRSOPENH	EUR	15,2000	15,2000	15,2000				15,2000				
Certificate	DE000CP06N40	DAX 12800TS 0319C	EUR	15,5900	15,5900	15,5900				15,5900				
Certificate	DE000VA7PP08	DAX 12800TS 0319V	EUR	15,6250	15,6250	15,6250				15,6250				
Certificate	DE000VASRDP7	DAX 12800TS 1218V	EUR	15,5250	15,5250	15,5250				15,5250				
Certificate	DE000CV8B680	DAX 12800TS 1218Z	EUR	15,4400	15,4400	15,4400				15,4400				
Certificate	NL0012986590	DAX 12800TS OPENB	EUR	17,1450	17,1450	17,1450				17,1450				
Certificate	DE000CY52WM1	DAX 12800TS OPENC	EUR											
Certificate	DE000CY52XY4	DAX 12800TS OPENC	EUR											
Certificate	DE000CQ58UK1	DAX 12800TS OPENC	EUR	14,5000	14,5000	14,5000				14,5000				
Certificate	DE000CP063M3	DAX 12800TS OPENC	EUR	15,9100	15,9100	15,9100				15,9100				
Certificate	DE000CV89KR3	DAX 12802TS OPENZ	EUR	15,2900	15,2900	15,2900				15,2900				
Certificate	NL0012917678	DAX 12815TRSOPENH	EUR	15,4000	15,4000	15,4000				15,4000				
Certificate	DE000VASRCK0	DAX 12818TS OPENV	EUR	14,8750	14,8750	14,8750				14,8750				
Certificate	NL0012916712	DAX 12820TS OPENH	EUR	17,2400	17,2400	17,2400				17,2400				
Certificate	DE000VASRBJ4	DAX 12840TS OPENV	EUR	17,5650	17,5650	17,5650				17,5650				
Certificate	NL0012904080	DAX 12845TRSOPENH	EUR	15,7000	15,7000	15,7000				15,7000				
Certificate	DE000VASRCM6	DAX 12850TS 1218V	EUR	16,0250	16,0250	16,0250				16,0250				
Certificate	DE000CV8AKV8	DAX 12858TS OPENZ	EUR											
Certificate	NL0012972863	DAX 128598S OPENB	EUR	16,3700	16,3750	16,1450	16,3700	1	16,1450		1			
Certificate	NL0012916670	DAX 12860TS OPENH	EUR	17,6400	17,6400	17,6400				17,6400				
Certificate	DE000CV8AKW6	DAX 12862TS OPENZ	EUR	15,9000	15,9000	15,9000				15,9000				
Certificate	NL0012917637	DAX 12864TRSOPENH	EUR	15,9000	15,9000	15,9000				15,9000				
Certificate	DE000VA4YOM3	DAX 12872TS OPENV	EUR	15,3450	15,3450	15,3450				15,3450				



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	NL0012917629	DAX 12884TRSOPENH	EUR	16,0900	16,0900	16,0900			16,0900					
Certificate	NL0012981716	DAX 12890TS OPENB	EUR	18,0250	18,0250	18,0250			18,0250					
Certificate	DE000CP06N57	DAX 12900TS 0319C	EUR	16,5900	16,5900	16,5900			16,5900					
Certificate	DE000VA7PP32	DAX 12900TS 0319V	EUR	16,6350	16,6350	16,6350			16,6350					
Certificate	DE000VA3TLM8	DAX 12900TS 1218V	EUR	16,5250	16,5250	16,5250			16,5250					
Certificate	DE000CQ58PA2	DAX 12900TS OPENC	EUR	16,2700	16,2700	16,2700			16,2700					
Certificate	DE000CY52WN9	DAX 12900TS OPENC	EUR											
Certificate	DE000CP064P4	DAX 12900TS OPENC	EUR	15,7200	15,7200	15,7200			15,7200					
Certificate	NL0012916654	DAX 12900TS OPENH	EUR	18,0400	18,0400	18,0400			18,0400					
Certificate	DE000CV89JK0	DAX 12900TS OPENZ	EUR	16,2800	16,2800	16,2800			16,2800					
Certificate	NL0012904072	DAX 12914TRSOPENH	EUR	16,4000	16,4000	16,4000			16,4000					
Certificate	LU1790429598	DAX 12929TPIOPENS	EUR	15,4500	15,4500	15,4500			15,4500					
Certificate	DE000VA3EDD6	DAX 12930TS OPENV	EUR	18,0350	18,0350	18,0350			18,0350					
Certificate	NL0012918262	DAX 12940TS OPENH	EUR	18,4500	18,4500	18,4500			18,4500					
Certificate	NL0012904064	DAX 12944TRSOPENH	EUR	16,7000	16,7000	16,7000			16,7000					
Certificate	DE000VA3ZWG4	DAX 12950TS 1218V	EUR	17,0350	17,0350	17,0350			17,0350					
Certificate	DE000VA3EC26	DAX 12959TS OPENV	EUR	15,8250	15,8250	15,8250			15,8250					
Certificate	DE000CV89JR5	DAX 12960TS OPENZ	EUR	18,5700	18,5700	18,5700			18,5700					
Certificate	DE000CV8AGY0	DAX 12962TS OPENZ	EUR	16,8900	16,8900	16,8900			16,8900					
Certificate	NL0012917587	DAX 12963TRSOPENH	EUR	16,8800	16,8800	16,8800			16,8800					
Certificate	NL0012919278	DAX 12976TRSOPENH	EUR	17,0100	17,0100	17,0100			17,0100					
Certificate	NL0012918247	DAX 12980TS OPENH	EUR	18,8500	18,8500	18,8500			18,8500					
Certificate	DE000VA3EDF1	DAX 12980TS OPENV	EUR	18,5450	18,5450	18,5450			18,5450					
Certificate	NL0012972566	DAX 12990TS OPENB	EUR	19,0650	19,0650	19,0650			19,0650					
Certificate	DE000CP06N65	DAX 13000TS 0319C	EUR	17,5900	17,5900	17,5900			17,5900					
Certificate	DE000VA7PP40	DAX 13000TS 0319V	EUR	17,6350	17,6350	17,6350			17,6350					
Certificate	DE000VA3TLN6	DAX 13000TS 1218V	EUR	17,5350	17,5350	17,5350			17,5350					
Certificate	DE000CV8AQM4	DAX 13000TS 1218Z	EUR	17,4400	17,4400	17,4400			17,4400					
Certificate	DE000CP061V8	DAX 13000TS OPENC	EUR	16,6900	16,6900	16,6900			16,6900					
Certificate	DE000CQ58JR9	DAX 13000TS OPENC	EUR	17,0000	17,0000	17,0000			17,0000					
Certificate	DE000CQ58M62	DAX 13000TS OPENC	EUR	15,8800	15,8800	15,8800			15,8800					
Certificate	DE000CV89JM6	DAX 13000TS OPENZ	EUR	17,2800	17,2800	17,2800			17,2800					
Certificate	LU1790509274	DAX 13006TPIOPENS	EUR	16,5000	16,5000	16,5000			16,5000					
Certificate	DE000VA3EC42	DAX 13009TS OPENV	EUR	16,3150	16,3150	16,3150			16,3150					
Certificate	NL0012916134	DAX 13010TS OPENH	EUR	19,1400	19,1400	19,1400			19,1400					
Certificate	NL0012612469	DAX 13025TRSOPENH	EUR	17,5000	17,5000	17,5000			17,5000					
Certificate	NL0012916126	DAX 13030TS OPENH	EUR	19,3400	19,3400	19,3400			19,3400					
Certificate	DE000VA3EDG9	DAX 13030TS OPENV	EUR	19,0550	19,0550	19,0550			19,0550					
Certificate	NL0012562433	DAX 13033TRSOPENH	EUR	19,3000	19,3000	17,5800	7547,9900	3	17,5800	400				
Certificate	DE000CV89J30	DAX 13049TS OPENC	EUR	17,7600	17,7600	17,7600			17,7600					
Certificate	DE000VA3ZWH2	DAX 13050TS 1218V	EUR	18,0350	18,0350	18,0350			18,0350					
Certificate	NL0012681811	DAX 13056BS OPENC	EUR	18,1450	18,1450	18,1450			18,1450					
Certificate	DE000VA3EC67	DAX 13059TS OPENV	EUR	16,8150	16,8150	16,8150			16,8150					
Certificate	LU1790509514	DAX 13064TPIOPENS	EUR	17,0800	17,0800	17,0800			17,0800					
Certificate	NL0012916100	DAX 13070TS OPENH	EUR	19,7400	19,7400	19,7400			19,7400					
Certificate	NL0012914121	DAX 13072TRSOPENH	EUR	17,9700	17,9700	17,9700			17,9700					
Certificate	DE000VA3EDH7	DAX 13080TS OPENV	EUR	19,5550	19,5550	19,5550			19,5550					
Certificate	NL0012786636	DAX 13090TS OPENB	EUR	20,0650	20,0650	20,0650			20,0650					
Certificate	DE000CV89J48	DAX 13099TS OPENZ	EUR	18,2600	18,2600	18,2600			18,2600					
Certificate	DE000VA7PP73	DAX 13100TS 0319V	EUR	18,6350	18,6350	18,6350			18,6350					
Certificate	DE000VA3TLP1	DAX 13100TS 1218V	EUR	18,5350	18,5350	18,5350			18,5350					
Certificate	DE000CQ58JS7	DAX 13100TS OPENC	EUR	18,0000	18,0000	18,0000			18,0000					
Certificate	NL0012562904	DAX 13100TS OPENH	EUR	20,0400	20,0400	20,0400			20,0400					
Certificate	DE000VA3EC83	DAX 13109TS OPENV	EUR	17,3050	17,3050	17,3050			17,3050					
Certificate	NL0012612121	DAX 13122TRSOPENH	EUR	18,4700	18,4700	18,4700			18,4700					
Certificate	NL0012562037	DAX 13130TS OPENH	EUR	20,3100	20,3100	20,3100			20,3100					
Certificate	DE000VA3EDJ3	DAX 13130TS OPENV	EUR	20,0650	20,0650	20,0650			20,0650					
Certificate	DE000CV89J55	DAX 13149TS OPENC	EUR	18,7600	18,7600	18,7600			18,7600					
Certificate	DE000VA3ZWI8	DAX 13150TS 1218V	EUR	19,0350	19,0350	19,0350			19,0350					
Certificate	DE000VA3EC91	DAX 13159TS OPENV	EUR	17,8050	17,8050	17,8050			17,8050					
Certificate	NL0012561872	DAX 13160TS OPENH	EUR	20,6000	20,6000	20,6000			20,6000					
Certificate	NL0012912760	DAX 13179TRSOPENH	EUR	19,0500	19,0500	19,0500			19,0500					
Certificate	NL0012681282	DAX 13180TS OPENB	EUR	20,2750	20,2750	20,2750			20,2750					
Certificate	DE000CV89J63	DAX 13199TS OPENZ	EUR	19,2600	19,2600	19,2600			19,2600					
Certificate	DE000CP06N73	DAX 13200TS 0319C	EUR	19,5900	19,5900	19,5900			19,5900					
Certificate	DE000VA7PQA1	DAX 13200TS 0319V	EUR	19,6350	19,6350	19,6350			19,6350					
Certificate	DE000VA3TLR7	DAX 13200TS 1218V	EUR	19,5350	19,5350	19,5350			19,5350					
Certificate	DE000CV8AL38	DAX 13200TS 1218Z	EUR	19,4500	19,4500	19,4500			19,4500					
Certificate	DE000CQ58FW7	DAX 13200TS OPENC	EUR	18,8400	18,8400	18,8400			18,8400					
Certificate	NL0012918171	DAX 13200TS OPENH	EUR	21,0700	21,0700	21,0700			21,0700					
Certificate	DE000CV42SE3	DAX 13210TS OPENZ	EUR	21,0550	21,0550	21,0550			21,0550					
Certificate	NL0012561534	DAX 13238TRSOPENH	EUR	19,6300	19,6300	19,6300			19,6300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012613160	DAX 13240TS OPENH	EUR	21,4300	21,4300	21,4300			21,4300					
Certificate	DE000CV89229	DAX 13245TS OPENZ	EUR	19,7200	19,7200	19,7200			19,7200					
Certificate	NL0012498810	DAX 13247BS OPENB	EUR	20,0650	20,0650	20,0650			20,0650					
Certificate	DE000VA32WK6	DAX 13250TS 1218V	EUR	20,0350	20,0350	20,0350			20,0350					
Certificate	NL0012680524	DAX 13270TS OPENB	EUR	24,3000	24,3000	24,0050	1458,0000	1	24,0050	60				
Certificate	NL0012918122	DAX 13270TS OPENH	EUR	21,7700	21,7700	21,7700			21,7700					
Certificate	DE000VL61NU1	DAX 13290TS OPENV	EUR	20,4950	20,4950	20,4950			20,4950					
Certificate	DE000CE6F119	DAX 13290TS OPENZ	EUR	20,1700	20,1700	20,1700			20,1700					
Certificate	NL0012987259	DAX 13300BOC0619B	EUR	117,8000	117,8000	117,8000			117,8000					
Certificate	LU1756868862	DAX 13300TPIOPENS	EUR	18,6800	18,6800	18,6800			18,6800					
Certificate	DE000VA7PQE3	DAX 13300TS 0319V	EUR	20,6450	20,6450	20,6450			20,6450					
Certificate	DE000VA31LT3	DAX 13300TS 1218V	EUR	20,5350	20,5350	20,5350			20,5350					
Certificate	NL0012537070	DAX 13304TRSOPENH	EUR	20,2900	20,2900	20,2900			20,2900					
Certificate	NL0012915862	DAX 13321TRSOPENH	EUR	20,4700	20,4700	20,4700			20,4700					
Certificate	DE000VL61NB1	DAX 13326TS OPENV	EUR	18,2950	18,2950	18,2950			18,2950					
Certificate	NL0012903835	DAX 13330TS OPENH	EUR	22,3500	22,3500	22,3500			22,3500					
Certificate	DE000VL61NW7	DAX 13340TS OPENV	EUR	20,9950	20,9950	20,9950			20,9950					
Certificate	NL0012498828	DAX 13343BS OPENB	EUR	21,7400	21,7450	21,0250	2174,0000	1	21,0250	100				
Certificate	DE000VA32WL4	DAX 13350TS 1218V	EUR	21,0350	21,0350	21,0350			21,0350					
Certificate	DE000CE68WE2	DAX 13354TS OPENZ	EUR	20,8000	20,8000	20,8000			20,8000					
Certificate	NL0012527832	DAX 13370TS OPENH	EUR	22,8200	22,8200	22,8200			22,8200					
Certificate	DE000VL61ND7	DAX 13376TS OPENV	EUR	18,7850	18,7850	18,7850			18,7850					
Certificate	NL0012090641	DAX 13380TS OPENH	EUR	22,8900	22,8900	22,8900			22,8900					
Certificate	NL0012530125	DAX 13384TRSOPENH	EUR	21,0900	21,0900	21,0900			21,0900					
Certificate	NL0011048228	DAX 13388TRSOPENH	EUR	21,1300	21,1300	21,1300			21,1300					
Certificate	DE000VL61NZ0	DAX 13390TS OPENV	EUR	21,4950	21,4950	21,4950			21,4950					
Certificate	LU1756869084	DAX 13396TPIOPENS	EUR	19,6400	19,6400	19,6400			19,6400					
Certificate	DE000CP06N81	DAX 13400TS 0319C	EUR	21,5900	21,5900	21,5900			21,5900					
Certificate	DE000VA7PQH6	DAX 13400TS 0319V	EUR	21,6450	21,6450	21,6450			21,6450					
Certificate	DE000VA32WM2	DAX 13400TS 1218V	EUR	21,5350	21,5350	21,5350			21,5350					
Certificate	DE000CV8AAS5	DAX 13400TS 1218Z	EUR	21,4500	21,4500	21,4500			21,4500					
Certificate	DE000CV52SD8	DAX 13400TS OPENC	EUR	18,0700	18,0700	18,0700			18,0700					
Certificate	DE000CV52XS6	DAX 13400TS OPENC	EUR	19,3500	19,3500	19,3500			19,3500					
Certificate	DE000CE6F1J0	DAX 13401TS OPENZ	EUR	21,2700	21,2700	21,2700			21,2700					
Certificate	DE000VL61NF2	DAX 13426TS OPENV	EUR	19,2750	19,2750	19,2750			19,2750					
Certificate	DE000VL61N19	DAX 13440TS OPENV	EUR	21,9950	21,9950	21,9950			21,9950					
Certificate	NL0012499537	DAX 13444BS OPENB	EUR	22,0250	22,0250	22,0250			22,0250					
Certificate	NL0013084486	DAX 13447TRSOPENH	EUR	21,7200	21,7200	21,7200			21,7200					
Certificate	DE000VA32WN0	DAX 13450TS 1218V	EUR	22,0350	22,0350	22,0350			22,0350					
Certificate	NL0013003866	DAX 13450TS OPENB	EUR	22,9950	22,9950	22,9950			22,9950					
Certificate	DE000CV4ZSD5	DAX 13450TS OPENZ	EUR	23,5450	23,5450	23,5450			23,5450					
Certificate	DE000CE6F4P1	DAX 13452TS OPENZ	EUR	21,7900	21,7900	21,7900			21,7900					
Certificate	NL0012863161	DAX 13461TRSOPENH	EUR	21,8600	21,8600	21,8600			21,8600					
Certificate	NL0012277008	DAX 13470TS OPENB	EUR	27,9800	27,9850	26,0050	2798,0000	1	26,0050	100				
Certificate	NL0012851323	DAX 13470TS OPENH	EUR	23,8100	23,8100	23,8100			23,8100					
Certificate	DE000VL61NJ4	DAX 13476TS OPENV	EUR	19,7650	19,7650	19,7650			19,7650					
Certificate	DE000VL61N35	DAX 13490TS OPENV	EUR	22,5050	22,5050	22,5050			22,5050					
Certificate	DE000CP06N99	DAX 13500TS 0319C	EUR	22,5900	22,5900	22,5900			22,5900					
Certificate	DE000VA7PQP9	DAX 13500TS 0319V	EUR	22,6450	22,6450	22,6450			22,6450					
Certificate	DE000VA32WP5	DAX 13500TS 1218V	EUR	22,5350	22,5350	22,5350			22,5350					
Certificate	DE000CV52XR8	DAX 13500TS OPENC	EUR	20,3300	20,3300	20,3300			20,3300					
Certificate	DE000CV52SE6	DAX 13500TS OPENC	EUR	19,0500	19,0500	19,0500			19,0500					
Certificate	DE000CE6F4Q9	DAX 13502TS OPENZ	EUR	22,2800	22,2800	22,2800			22,2800					
Certificate	LU1784828235	DAX 13504TS OPENS	EUR	20,7000	20,7000	20,7000			20,7000					
Certificate	NL0012904817	DAX 13506TRSOPENH	EUR	22,3200	22,3200	22,3200			22,3200					
Certificate	DE000VL61NM8	DAX 13526TS OPENV	EUR	20,2550	20,2550	20,2550			20,2550					
Certificate	DE000VL61N50	DAX 13540TS OPENV	EUR	23,0050	23,0050	23,0050			23,0050					
Certificate	DE000VA32WQ3	DAX 13550TS 1218V	EUR	23,0350	23,0350	23,0350			23,0350					
Certificate	NL0012536155	DAX 13550TS OPENH	EUR	24,6400	24,6400	24,6400			24,6400					
Certificate	DE000CE6FAD1	DAX 13556TS OPENZ	EUR	22,8200	22,8200	22,8200			22,8200					
Certificate	NL0012329783	DAX 13568TRSOPENH	EUR	22,9300	22,9300	22,9300			22,9300					
Certificate	NL0013003163	DAX 13570TS OPENB	EUR	24,2550	24,2550	24,2550			24,2550					
Certificate	DE000VL61NP1	DAX 13576TS OPENV	EUR	20,7450	20,7450	20,7450			20,7450					
Certificate	NL0012862213	DAX 13580TS OPENH	EUR	24,9200	24,9200	24,9200			24,9200					
Certificate	DE000VA7PQT1	DAX 13600TS 0319V	EUR	23,6450	23,6450	23,6450			23,6450					
Certificate	DE000VA32WR1	DAX 13600TS 1218V	EUR	23,5350	23,5350	23,5350			23,5350					
Certificate	DE000CV8AAT3	DAX 13600TS 1218Z	EUR	23,4500	23,4500	23,4500			23,4500					
Certificate	LU1784828151	DAX 13634TS OPENS	EUR	21,9800	21,9800	21,9800			21,9800					
Certificate	DE000CD64946	DAX 13641TS OPENZ	EUR	23,6800	23,6800	23,6800			23,6800					
Certificate	DE000VA32WS9	DAX 13650TS 1218V	EUR	24,0350	24,0350	24,0350			24,0350					
Certificate	DE000VL37QA6	DAX 13660TS OPENV	EUR	23,4750	23,4750	23,4750			23,4750					
Certificate	NL0013001621	DAX 13670TS OPENB	EUR	25,9050	25,9050	25,9050			25,9050					



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	NL0012536080	DAX 13670TS OPENH	EUR	25,8300	25,8300	25,8300			25,8300					
Certificate	NL0012537955	DAX 13676TRSOPENH	EUR	24,0100	24,0100	24,0100			24,0100					
Certificate	DE000CE6C6W5	DAX 13690TS OPENZ	EUR	25,9950	25,9950	25,9950			25,9950					
Certificate	DE000CE6FAE9	DAX 13695TS OPENZ	EUR	24,2100	24,2100	24,2100			24,2100					
Certificate	DE000VA7PQX3	DAX 13700TS 0319V	EUR	24,6450	24,6450	24,6450			24,6450					
Certificate	DE000VA32013	DAX 13700TS 1218V	EUR	24,5350	24,5350	24,5350			24,5350					
Certificate	DE000CY52442	DAX 13700TS OPENC	EUR	21,1600	21,1600	21,1600			21,1600					
Certificate	DE000CY524G5	DAX 13700TS OPENC	EUR	19,9100	19,9100	19,9100			19,9100					
Certificate	DE000VL37QB4	DAX 13710TS OPENV	EUR	23,9750	23,9750	23,9750			23,9750					
Certificate	DE000VL2FUU0	DAX 13734TS OPENV	EUR											
Certificate	DE000CE6FCR7	DAX 13738TS OPENZ	EUR	24,6400	24,6400	24,6400			24,6400					
Certificate	NL0012520118	DAX 13741TRSOPENH	EUR											
Certificate	DE000VA322K3	DAX 13750TS 1218V	EUR	25,0350	25,0350	25,0350			25,0350					
Certificate	DE000VL37QC2	DAX 13760TS OPENV	EUR	24,4750	24,4750	24,4750			24,4750					
Certificate	NL0012329577	DAX 13770TS OPENH	EUR	26,8200	26,8200	26,8200			26,8200					
Certificate	NL0012864136	DAX 13783TRSOPENH	EUR	25,0800	25,0800	25,0800			25,0800					
Certificate	DE000VL2FUV8	DAX 13784TS OPENV	EUR											
Certificate	DE000CE6FC55	DAX 13788TS OPENZ	EUR	25,1400	25,1400	25,1400			25,1400					
Certificate	DE000VL37P42	DAX 13798TS OPENV	EUR	22,2050	22,2050	22,2050			22,2050					
Certificate	DE000VA322L1	DAX 13800TS 1218V	EUR	25,5350	25,5350	25,5350			25,5350					
Certificate	DE000CV8AAU1	DAX 13800TS 1218Z	EUR	25,4500	25,4500	25,4500			25,4500					
Certificate	DE000CY51G59	DAX 13800TS OPENC	EUR	20,3900	20,3900	20,3900			20,3900					
Certificate	DE000VL37QD0	DAX 13810TS OPENV	EUR	24,9750	24,9750	24,9750			24,9750					
Certificate	NL0012537419	DAX 13820TS OPENH	EUR	27,3400	27,3400	27,3400			27,3400					
Certificate	DE000CE6FCT3	DAX 13837TS OPENZ	EUR	25,6300	25,6300	25,6300			25,6300					
Certificate	DE000VL37P59	DAX 13848TS OPENV	EUR	22,6950	22,6950	22,6950			22,6950					
Certificate	DE000VA322M9	DAX 13850TS 1218V	EUR	26,0350	26,0350	26,0350			26,0350					
Certificate	LU1784828078	DAX 13851TS OPENS	EUR	24,1300	24,1300	24,1300			24,1300					
Certificate	DE000VL37L04	DAX 13860TS OPENV	EUR	25,4050	25,4050	25,4050			25,4050					
Certificate	NL0012208151	DAX 13866TRSOPENH	EUR	25,9100	25,9100	25,9100			25,9100					
Certificate	DE000CE6FCU1	DAX 13887TS OPENZ	EUR	26,1300	26,1300	26,1300			26,1300					
Certificate	DE000VA324H5	DAX 13900TS 1218V	EUR	26,5350	26,5350	26,5350			26,5350					
Certificate	DE000CY51WT8	DAX 13900TS OPENC	EUR	23,0400	23,0400	23,0400			23,0400					
Certificate	DE000VL2FXN9	DAX 13908TS OPENV	EUR	23,1750	23,1750	23,1750			23,1750					
Certificate	DE000VL37L12	DAX 13910TS OPENV	EUR	25,9050	25,9050	25,9050			25,9050					
Certificate	DE000CE6CID9	DAX 13940TS OPENZ	EUR	28,4850	28,4850	28,4850			28,4850					
Certificate	DE000CE6FEY9	DAX 13941TS OPENZ	EUR	26,6700	26,6700	26,6700			26,6700					
Certificate	DE000VA324J1	DAX 13950TS 1218V	EUR	27,0350	27,0350	27,0350			27,0350					
Certificate	DE000VL2FXQ2	DAX 13958TS OPENV	EUR	23,6650	23,6650	23,6650			23,6650					
Certificate	NL0012051650	DAX 13960TS OPENH	EUR	28,7400	28,7400	28,7400			28,7400					
Certificate	DE000VL37L20	DAX 13960TS OPENV	EUR	26,4050	26,4050	26,4050			26,4050					
Certificate	DE000CP06NA9	DAX 14000TS 0319C	EUR	27,5900	27,5900	27,5900			27,5900					
Certificate	DE000VA4RNA1	DAX 14000TS 1218V	EUR	27,5350	27,5350	27,5350			27,5350					
Certificate	DE000CV8AF44	DAX 14000TS 1218Z	EUR	27,4500	27,4500	27,4500			27,4500					
Certificate	DE000CY51TV0	DAX 14000TS OPENC	EUR	22,7100	22,7100	22,7100			22,7100					
Certificate	DE000CY51NN0	DAX 14000TS OPENC	EUR	23,7800	23,7800	23,7800			23,7800					
Certificate	DE000CY504C6	DAX 14000TS OPENC	EUR	22,2100	22,2100	22,2100			22,2100					
Certificate	DE000VL2FXS8	DAX 14008TS OPENV	EUR	24,1550	24,1550	24,1550			24,1550					
Certificate	DE000VL37L38	DAX 14010TS OPENV	EUR	26,9050	26,9050	26,9050			26,9050					
Certificate	DE000CE6FCV9	DAX 14036TS OPENZ	EUR	27,6200	27,6200	27,6200			27,6200					
Certificate	NL0012791453	DAX 14043BS OPENB	EUR	27,9850	27,9850	27,9850			27,9850					
Certificate	DE000VA4RPC2	DAX 14050TS 1218V	EUR	28,0350	28,0350	28,0350			28,0350					
Certificate	DE000VL2FXU4	DAX 14058TS OPENV	EUR	24,6450	24,6450	24,6450			24,6450					
Certificate	NL0012860464	DAX 14059TRSOPENH	EUR	27,8400	27,8400	27,8400			27,8400					
Certificate	DE000VL37L46	DAX 14060TS OPENV	EUR	27,4050	27,4050	27,4050			27,4050					
Certificate	NL0012985717	DAX 14080TS OPENB	EUR	30,1350	30,1350	30,1350			30,1350					
Certificate	DE000CV4ZPB5	DAX 14085TS OPENZ	EUR	28,1100	28,1100	28,1100			28,1100					
Certificate	DE000VA4RPD0	DAX 14100TS 1218V	EUR	28,5350	28,5350	28,5350			28,5350					
Certificate	DE000CY51WU6	DAX 14100TS OPENC	EUR	24,9900	24,9900	24,9900			24,9900					
Certificate	NL0012434377	DAX 14100TS OPENH	EUR	30,1600	30,1600	30,1600			30,1600					
Certificate	DE000VL2FXV2	DAX 14108TS OPENV	EUR	25,1350	25,1350	25,1350			25,1350					
Certificate	DE000VL37L53	DAX 14110TS OPENV	EUR	27,8950	27,8950	27,8950			27,8950					
Certificate	DE000CV4ZPC3	DAX 14135TS OPENZ	EUR	28,6100	28,6100	28,6100			28,6100					
Certificate	DE000VA4RPE8	DAX 14150TS 1218V	EUR	29,0350	29,0350	29,0350			29,0350					
Certificate	DE000VL2FXH8	DAX 14158TS OPENV	EUR	25,6250	25,6250	25,6250			25,6250					
Certificate	DE000VL37L61	DAX 14160TS OPENV	EUR	28,3950	28,3950	28,3950			28,3950					
Certificate	DE000VA4VWM3	DAX 14200TS 1218V	EUR	29,5350	29,5350	29,5350			29,5350					
Certificate	DE000CV8AAV9	DAX 14200TS 1218Z	EUR	29,4500	29,4500	29,4500			29,4500					
Certificate	DE000CQ5AY44	DAX 14200TS OPENC	EUR	28,4300	28,4300	28,4300			28,4300					
Certificate	DE000CY16GN7	DAX 14200TS OPENC	EUR	21,7100	21,7100	21,7100			21,7100					
Certificate	DE000CE6CQ96	DAX 14200TS OPENZ	EUR	31,0850	31,0850	31,0850			31,0850					
Certificate	DE000VL2FXZ3	DAX 14208TS OPENV	EUR	26,1150	26,1150	26,1150			26,1150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VL37L79	DAX 14210TS OPENV	EUR	28,8950	28,8950	28,8950			28,8950					
Certificate	DE000CE6FCW7	DAX 14235TS OPENZ	EUR	29,6100	29,6100	29,6100			29,6100					
Certificate	NL0013003874	DAX 14240TS OPENB	EUR	30,9850	30,9850	30,9850			30,9850					
Certificate	DE000VL37L95	DAX 14260TS OPENV	EUR	29,3950	29,3950	29,3950			29,3950					
Certificate	DE000VL37MA5	DAX 14310TS OPENV	EUR	29,8950	29,8950	29,8950			29,8950					
Certificate	NL0012213359	DAX 14330TS OPENH	EUR	32,4600	32,4600	32,4600			32,4600					
Certificate	DE000CV88WG3	DAX 14339TS OPENZ	EUR	30,6400	30,6400	30,6400			30,6400					
Certificate	DE000VL37MC1	DAX 14360TS OPENV	EUR	30,3950	30,3950	30,3950			30,3950					
Certificate	NL0012904809	DAX 14364TRSOPENH	EUR	30,8900	30,8900	30,8900			30,8900					
Certificate	DE000CV51TW8	DAX 14400TS OPENC	EUR	26,5700	26,5700	26,5700			26,5700					
Certificate	DE000CV52GM4	DAX 14400TS OPENC	EUR	28,5400	28,5400	28,5400			28,5400					
Certificate	DE000CV50MS3	DAX 14400TS OPENC	EUR	26,5200	26,5200	26,5200			26,5200					
Certificate	DE000CV16GP2	DAX 14400TS OPENC	EUR	23,6000	23,6000	23,6000			23,6000					
Certificate	NL0011229380	DAX 14410TS OPENH	EUR	33,3300	33,3300	33,3300			33,3300					
Certificate	DE000VL61G24	DAX 14410TS OPENV	EUR	31,6150	31,6150	31,6150			31,6150					
Certificate	DE000VL37MD9	DAX 14410TS OPENV	EUR	30,8950	30,8950	30,8950			30,8950					
Certificate	DE000CV87MS1	DAX 14436TS OPENZ	EUR	31,6100	31,6100	31,6100			31,6100					
Certificate	DE000CE6CTJ5	DAX 14440TS OPENZ	EUR	33,5750	33,5750	33,5750			33,5750					
Certificate	DE000CP06NB7	DAX 14500TS 0319C	EUR	32,5900	32,5900	32,5900			32,5900					
Certificate	DE000CV508Y1	DAX 14500TS OPENC	EUR	27,2100	27,2100	27,2100			27,2100					
Certificate	NL0012559215	DAX 14520TS OPENH	EUR	34,4800	34,4800	34,4800			34,4800					
Certificate	DE000CV890F5	DAX 14539TS OPENZ	EUR	32,6400	32,6400	32,6400			32,6400					
Certificate	NL0012241756	DAX 14580TS OPENH	EUR	35,0000	35,0000	35,0000			35,0000					
Certificate	DE000CV8AAW7	DAX 14600TS 1218Z	EUR	33,4500	33,4500	33,4500			33,4500					
Certificate	DE000CV52FA1	DAX 14600TS OPENC	EUR	29,1400	29,1400	29,1400			29,1400					
Certificate	DE000CV16GQ0	DAX 14600TS OPENC	EUR	25,4900	25,4900	25,4900			25,4900					
Certificate	DE000CV51WW4	DAX 14600TS OPENC	EUR	29,8800	29,8800	29,8800			29,8800					
Certificate	DE000CE6FCX5	DAX 14632TS OPENZ	EUR	33,5800	33,5800	33,5800			33,5800					
Certificate	NL0012679039	DAX 14670TS OPENB	EUR	38,4250	38,4250	38,4250			38,4250					
Certificate	NL0012606446	DAX 14677TRSOPENH	EUR	34,0200	34,0200	34,0200			34,0200					
Certificate	DE000CE6CTK3	DAX 14690TS OPENZ	EUR	36,0550	36,0550	36,0550			36,0550					
Certificate	NL0012198105	DAX 14734TRSOPENH	EUR	34,5900	34,5900	34,5900			34,5900					
Certificate	NL0012903827	DAX 14740TS OPENH	EUR	36,6400	36,6400	36,6400			36,6400					
Certificate	DE000CV51WW2	DAX 14800TS OPENC	EUR	31,8300	31,8300	31,8300			31,8300					
Certificate	DE000CV51G67	DAX 14800TS OPENC	EUR	30,0200	30,0200	30,0200			30,0200					
Certificate	DE000CQ5A5Y1	DAX 14800TS OPENC	EUR	34,4000	34,4000	34,4000			34,4000					
Certificate	DE000CV16P16	DAX 14800TS OPENC	EUR	27,6500	27,6500	27,6500			27,6500					
Certificate	DE000CV88EZ1	DAX 14833TS OPENZ	EUR	35,5800	35,5800	35,5800			35,5800					
Certificate	DE000CE6DLS1	DAX 14930TS OPENZ	EUR	38,5550	38,5550	38,5550			38,5550					
Certificate	NL0012198808	DAX 14990TS OPENH	EUR	39,2400	39,2400	39,2400			39,2400					
Certificate	DE000CP06NC5	DAX 15000TS 0319C	EUR	37,6000	37,6000	37,6000			37,6000					
Certificate	DE000CV8AAX5	DAX 15000TS 1218Z	EUR	37,4500	37,4500	37,4500			37,4500					
Certificate	DE000CV501S8	DAX 15000TS OPENC	EUR	30,4600	30,4600	30,4600			30,4600					
Certificate	DE000CV4YQP6	DAX 15032TS OPENZ	EUR	37,5800	37,5800	37,5800			37,5800					
Certificate	NL0011047741	DAX 15150TS OPENH	EUR	40,8500	40,8500	40,8500			40,8500					
Certificate	DE000CE6FOF0	DAX 15180TS OPENZ	EUR	41,0450	41,0450	41,0450			41,0450					
Certificate	DE000CV52F89	DAX 15200TS OPENC	EUR	34,9600	34,9600	34,9600			34,9600					
Certificate	DE000CV52061	DAX 15200TS OPENC	EUR	35,7800	35,7800	35,7800			35,7800					
Certificate	DE000CV50L55	DAX 15200TS OPENC	EUR	32,8400	32,8400	32,8400			32,8400					
Certificate	DE000CV88QJ9	DAX 15238TS OPENZ	EUR	39,6400	39,6400	39,6400			39,6400					
Certificate	NL0012530117	DAX 15316TRSOPENH	EUR	40,4100	40,4100	40,4100			40,4100					
Certificate	DE000CV8AAY3	DAX 15400TS 1218Z	EUR	41,4600	41,4600	41,4600			41,4600					
Certificate	DE000CE6FAP5	DAX 15430TS OPENZ	EUR	43,5750	43,5750	43,5750			43,5750					
Certificate	DE000CV4YQN1	DAX 15431TS OPENZ	EUR	41,5600	41,5600	41,5600			41,5600					
Certificate	NL0012548036	DAX 15480TS OPENH	EUR	44,1800	44,1800	44,1800			44,1800					
Certificate	NL0011048210	DAX 15509TRSOPENH	EUR	42,3400	42,3400	42,3400			42,3400					
Certificate	DE000CV51Y99	DAX 15600TS OPENC	EUR	38,2200	38,2200	38,2200			38,2200					
Certificate	DE000CV890A6	DAX 15633TS OPENZ	EUR	43,5800	43,5800	43,5800			43,5800					
Certificate	DE000CE6FEG6	DAX 15680TS OPENZ	EUR	46,0650	46,0650	46,0650			46,0650					
Certificate	NL0012535934	DAX 15730TS OPENH	EUR	46,7400	46,7400	46,7400			46,7400					
Certificate	DE000CV8AE78	DAX 15800TS 1218Z	EUR	45,4600	45,4600	45,4600			45,4600					
Certificate	DE000CV87MT9	DAX 15831TS OPENZ	EUR	45,5700	45,5700	45,5700			45,5700					
Certificate	NL0011229372	DAX 15900TS OPENH	EUR	48,4400	48,4400	48,4400			48,4400					
Certificate	DE000CV4ZNE4	DAX 15930TS OPENZ	EUR	48,5950	48,5950	48,5950			48,5950					
Certificate	DE000CC8AFR9	DAX 16000TS OPENC	EUR	31,4800	31,4800	31,4800			31,4800					
Certificate	DE000CV88LA9	DAX 16235TS OPENZ	EUR	49,6000	49,6000	49,6000			49,6000					
Certificate	DE000CV88TM7	DAX 16638TS OPENZ	EUR	53,6300	53,6300	53,6300			53,6300					
Certificate	NL0011047733	DAX 16650TS OPENH	EUR	56,0000	56,0000	56,0000			56,0000					
Certificate	DE000CV88N43	DAX 16910TS OPENZ	EUR	58,5450	58,5450	58,5450			58,5450					
Certificate	NL0011229364	DAX 18150TS OPENH	EUR	71,2600	71,2600	71,2600			71,2600					
Certificate	DE000VN53Y97	DAX10 LEVOPENV	EUR	3,6950	3,6950	3,6950			3,6950					
Certificate	DE000VL51225	DAX10 LEVOPENV	EUR	0,3680	0,3680	0,3680			0,3680					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VN53ZA0	DAX10 SHROPENV	EUR	1,0800	1,0800	0,9060	54,0000	1	0,9060	50				
Certificate	FR0013123734	DAX35 SHROPENS	EUR											
Certificate	DE000CE6BUM9	DAXIF LEVOPENZ	EUR	1,1970	1,1970	1,1970			1,1970					
Certificate	DE000CE6BUL1	DAXIF LEVOPENZ	EUR	5,1350	5,1350	5,1350			5,1350					
Certificate	DE000CE6BUK3	DAXIF LEVOPENZ	EUR	9,3150	9,3150	9,3150			9,3150					
Certificate	DE000CE6BUP2	DAXIF SHROPENZ	EUR	2,9790	2,9790	2,9790			2,9790					
Certificate	DE000CE6BUN7	DAXIF SHROPENZ	EUR	8,0450	8,0450	8,0450			8,0450					
Certificate	DE000D80XJ17	DB CROCI	EUR											
Certificate	DE000D86GZA4	DB CROCI SECTOR	EUR											
Certificate	XS0210953039	DB DJ INDEX 6K35	EUR											
Certificate	DE000CQ5A2J8	DBANK 14TS OPENC	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	DE000CQ5A2K6	DBANK 16TS OPENC	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	NL0010897427	DBANK 27TS OPENB	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	NL0012923395	DBANK 6.5TL OPENH	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	NL0012923387	DBANK 7.3TL OPENH	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	NL0012923379	DBANK 7.7TL OPENH	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	NL00129275494	DBANK 7.9TL OPENB	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	NL0011605688	DBANK 8.2TL OPENH	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	NL0012018949	DBANK 8.5TL OPENB	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0012923361	DBANK 8.7TL OPENH	EUR											
Certificate	NL0012923353	DBANK 8.9TL OPENH	EUR											
Certificate	NL0012980718	DBANK 9.1TL OPENB	EUR											
Certificate	NL0012938096	DBANK 10.7TS OPENH	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	NL0012990204	DBANK 10.8TS OPENB	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	NL0012934640	DBANK 11.7TS OPENH	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0012776777	DBANK 12.1TS OPENB	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0012934632	DBANK 12.2TS OPENH	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0012775688	DBANK 13.4TS OPENB	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	NL0012681910	DBANK 14.8BS OPENB	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	NL0012683262	DBANK 14.8TS OPENB	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	NL0011518378	DBANK 22.1TS OPENB	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	NL0011231162	DBANK 27.1TS OPENH	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0012977326	DBANK 9.25BL OPENB	EUR											
Certificate	NL0012988513	DBANK10.86BS OPENB	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	DE000CV8AXJ6	DBANK11.13TS OPENZ	EUR	0,2250	0,2350	0,2250			0,2350					
Certificate	DE000CV883M6	DBANK12.12TS OPENZ	EUR	0,3250	0,3350	0,3250			0,3350					
Certificate	NL0012774509	DBANK12.84BS OPENB	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	DE000CV501A9	DBANK14.12TS OPENZ	EUR	0,5250	0,5350	0,5250			0,5350					
Certificate	DE000CR9RQH2	DBANK25.02TS OPENZ	EUR	1,6150	1,6250	1,6150			1,6250					
Certificate	DE000CF80LW3	DBANK27.34TS OPENC	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000CV89P57	DBANK5.569TL OPENZ	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	NL0012975171	DBANK6.223BL OPENB	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000CD634D4	DBANK6.578TL OPENZ	EUR	0,2250	0,2400	0,2250	420,0000	2	0,2250	1750				
Certificate	NL0012792691	DBANK7.232BL OPENB	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CD620K8	DBANK7.665TL OPENZ	EUR	0,1250	0,1300	0,1150	730,0000	2	0,1150	6000				
Certificate	DE000CX597C1	DBANK8.199TL OPENC	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CD61WJ2	DBANK8.204TL OPENZ	EUR	0,0680	0,0800	0,0600	236,8000	2	0,0600	3200				
Certificate	NL0012775985	DBANK8.243BL OPENB	EUR	0,5700	0,6900	0,5600	492,0000	2	0,6900	800				
Certificate	DE000CV897L8	DBANK8.748TL OPENZ	EUR	0,0140	0,0140	0,0140			0,0140					
Certificate	DE000CV89UW2	DBANK9.242TL OPENZ	EUR											
Certificate	DE000CV87QP8	DEUTS103.4TL OPENZ	EUR	0,8050	0,8050	0,6450			0,6450					
Certificate	DE000CR6XG78	DEUTS62.96TL OPENZ	EUR	4,8250	4,8250	4,6650			4,6650					
Certificate	NL0011055116	DEUTS65.07TL OPENH	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	DE000CR6XYF4	DEUTS68.61TL OPENZ	EUR	4,2650	4,2650	4,0950			4,0950					
Certificate	DE000CE6C8P5	DEUTS76.54TL OPENZ	EUR	3,4750	3,4750	3,3050			3,3050					
Certificate	DE000CE6CKZ0	DEUTS84.49TL OPENZ	EUR	2,6750	2,6750	2,5150			2,5150					
Certificate	DE000CV4Z076	DEUTS93.45TL OPENZ	EUR	1,7850	1,7850	1,4900	149,0000	1	1,6250	100				
Certificate	DE000CR9SFM3	DIAGE17.05TL OPENZ	EUR	2,2100	2,2400	2,2100			2,2400					
Certificate	DE000CD61VG0	DIAGE19.06TL OPENZ	EUR	1,7200	1,7400	1,7200			1,7400					
Certificate	DE000CE6E4Q0	DIAGE22.58TL OPENZ	EUR	0,9300	0,9500	0,9300			0,9500					
Certificate	DE000CV89DJ5	DIETN21.56TL OPENZ	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CN6FS43	DIETN23.77TL OPENZ	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CN6K6V8	DIETN26.39TL OPENZ	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CN6K6W6	DIETN29.02TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0013008675	DIETN30.64BL OPENB	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CV88RC2	DIETN32.16TL OPENZ	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0013002116	DIETN32.64BL OPENB	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0012992713	DIETN34.64BL OPENB	EUR											
Certificate	DE000CJ3N609	DIETN34.66TL OPENZ	EUR											
Certificate	NL0013006265	DIETN38.78BS OPENB	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	DE000CD615E1	DIETN42.16TS OPENZ	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0012993000	DIETN42.77BS OPENB	EUR	0,8800	0,8800	0,8800			0,8800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012939327	DIETN46.76BS OPENB	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0013009210	DJAUT 380TL OPENB	EUR	11,9100	11,9100	11,9100			11,9100					
Certificate	NL0012989891	DJAUT 420TL OPENB	EUR	8,1100	8,1100	8,1100								
Certificate	NL0012974513	DJAUT 459TL OPENB	EUR	4,3800	4,3800	4,3800								
Certificate	NL0013015324	DJAUT 498TS OPENB	EUR	4,3900	4,3900	4,3900								
Certificate	NL0013007826	DJAUT 538TS OPENB	EUR	8,6500	8,6500	8,6500								
Certificate	NL0012975486	DJAUT 578TS OPENB	EUR	12,8400	12,8400	12,8400								
Certificate	NL0012974018	DJAUT 618TS OPENB	EUR	17,0100	17,0100	17,0100								
Certificate	NL0012790448	DJAUT 656TS OPENB	EUR	21,0600	21,0600	21,0600								
Certificate	DE000CN6H4X4	DJAUT 408.TL OPENZ	EUR	5,7200	7,3300	5,7200								
Certificate	DE000CN6HK49	DJAUT367.9TL OPENZ	EUR	9,6800	11,3100	9,6800								
Certificate	DE000CV8BD60	DJAUT443.6TL OPENZ	EUR	2,2200	3,8200	2,2200								
Certificate	DE000CE6C550	DJAUT483.3TL OPENZ	EUR											
Certificate	DE000CV8B220	DJAUT580.4TS OPENZ	EUR	11,7700	11,7700	10,1400								
Certificate	DE000CE6CH30	DJAUT680.8TS OPENZ	EUR	21,8000	21,8000	20,1700								
Certificate	DE0006075427	DJBKS PI OPENN	EUR	15,2600	15,2600	15,2600								
Certificate	NL0012248447	DJBKS STN1022V	EUR											
Certificate	NL0012249429	DJBKS STN1022V	EUR											
Certificate	NL0011637012	DJBKS 76TL OPENB	EUR	6,8150	6,8150	6,8150								
Certificate	NL0010133799	DJBKS 96TL OPENB	EUR	4,8350	4,8350	4,8350								
Certificate	NL0012030142	DJBKS 140TL OPENB	EUR											
Certificate	NL0013015316	DJBKS 151TS OPENB	EUR	1,4550	1,4550	1,4550								
Certificate	NL0011089156	DJBKS 191TS OPENB	EUR	5,5850	5,5850	5,5850								
Certificate	NL0006280695	DJBKS 209TS OPENB	EUR	7,4750	7,4750	7,4750								
Certificate	DE000CN6J9E1	DJBKS105.4TL OPENZ	EUR	3,4050	3,6000	3,4050								
Certificate	DE000CD63CJO	DJBKS124.4TL OPENZ	EUR	1,5150	1,7100	1,5150								
Certificate	DE000CV89NP1	DJBKS137.3TL OPENZ	EUR											
Certificate	DE000CV8B748	DJBKS169.7TS OPENZ	EUR	3,0750	3,0750	2,8800								
Certificate	DE000CV883C7	DJBKS189.3TS OPENZ	EUR	5,0300	5,0300	4,8400								
Certificate	DE000CE6C535	DJBKS209.2TS OPENZ	EUR	7,0200	7,0200	6,8300								
Certificate	DE0006075310	DJCHM PI OPENN	EUR	83,8600	83,8600	83,8600								
Certificate	NL0011535422	DJCHM 583TL OPENB	EUR	30,0650	30,0650	30,0650								
Certificate	NL0010900726	DJCHM 625TL OPENB	EUR	26,0550	26,0550	26,0550								
Certificate	NL0012120950	DJCHM 835TL OPENB	EUR	6,0850	6,0850	6,0850								
Certificate	NL0013009582	DJCHM 919TS OPENB	EUR	11,1750	11,1750	11,1750								
Certificate	NL0013007818	DJCHM 959TS OPENB	EUR	15,3750	15,3750	15,3750								
Certificate	NL0012508444	DJCHM 999TS OPENB	EUR	19,5150	19,5150	19,5150								
Certificate	DE000CE6CEL3	DJCHM 1036TS OPENZ	EUR	20,1600	20,1600	18,1800								
Certificate	DE000CE6FAJ8	DJCHM 1206TS OPENZ	EUR	37,1200	37,1200	35,1300								
Certificate	DE000CV87MV5	DJCHM646.9TL OPENZ	EUR	19,0800	21,0700	19,0800								
Certificate	DE000CE6CDA8	DJCHM746.7TL OPENZ	EUR	9,2200	11,1800	9,2200								
Certificate	DE000CJ3N757	DJCHM806.3TL OPENZ	EUR	3,4250	5,3600	3,4250								
Certificate	DE000CE6CF55	DJEM LEVOPENZ	EUR	15,0600	15,7600	15,0600								
Certificate	DE000CE6CFT3	DJEM LEVOPENZ	EUR	12,7550	13,9900	12,7550	10199,5000		7	13,8650	750			
Certificate	DE000CE6CFR7	DJEM LEVOPENZ	EUR	10,5000	10,6300	10,5000								
Certificate	DE000CE6CFU1	DJEM SHROPENZ	EUR	2,6820	2,6820	2,5760	2248,9100		2	2,5760		870		
Certificate	DE000CE6CFV9	DJEM SHROPENZ	EUR	0,4570	0,4570	0,4190	2617,0000		6	0,4190	6000			
Certificate	DE0006075419	DJFIN PI OPENN	EUR	41,8400	41,8400	41,8400								
Certificate	DE000CJ3N4F4	DJFIN306.1TL OPENZ	EUR	13,0600	13,6100	13,0600								
Certificate	DE000CE6CDB6	DJFIN376.3TL OPENZ	EUR	6,0600	6,0600	6,0600								
Certificate	DE000CE6CEM1	DJFIN431.1TL OPENZ	EUR	0,6600	1,1900	0,6600								
Certificate	DE000CJ3NOZ0	DJFIN529.1TS OPENZ	EUR	9,3900	9,3900	8,8500	892,0000		1	8,8500	100			
Certificate	DE000CE6DNF4	DJFIN598.8TS OPENZ	EUR	16,3700	16,3700	15,8200								
Certificate	DE0006075336	DJFOD PI OPENN	EUR	65,1500	65,1500	65,1500								
Certificate	DE000CN6JSW4	DJFOD 552.TL OPENZ	EUR	8,5900	8,5900	8,2400								
Certificate	DE000CD62CG8	DJFOD 727.TS OPENZ	EUR	9,1600	9,5100	9,1600								
Certificate	DE000CN6JS80	DJFOD492.4TL OPENZ	EUR	14,5400	14,5400	14,1900								
Certificate	DE000CV88A14	DJFOD602.1TL OPENZ	EUR	3,6300	3,6300	3,2800								
Certificate	DE000CE6F455	DJFOD846.4TS OPENZ	EUR	21,0900	21,4500	21,0900								
Certificate	DE0006075351	DJGDS PI OPENN	EUR	55,6000	55,6000	55,6000								
Certificate	NL0010900841	DJGDS 298TL OPENB	EUR	20,5800	20,5800	20,5800								
Certificate	NL0013009228	DJGDS 426TL OPENB	EUR	8,3300	8,3300	8,3300								
Certificate	NL0012121545	DJGDS 466TL OPENB	EUR	4,5600	4,5600	4,5600								
Certificate	NL0013011646	DJGDS 519TS OPENB	EUR	5,7700	5,7700	5,7700								
Certificate	NL0012700397	DJGDS 560TS OPENB	EUR	9,9800	9,9800	9,9800								
Certificate	DE000CJ3N4G2	DJGDS 448.TL OPENZ	EUR	3,0000	4,2050	3,0000								
Certificate	DE000CN6JS98	DJGDS313.7TL OPENZ	EUR	16,3600	17,5950	16,3600								
Certificate	DE000CN6JT06	DJGDS353.9TL OPENZ	EUR	12,3400	13,5750	12,3400								
Certificate	DE000CE6BU26	DJGDS413.3TL OPENZ	EUR	6,4300	7,6400	6,4300								
Certificate	DE000CE6FAK6	DJGDS482.8TL OPENZ	EUR											
Certificate	DE000CE6C576	DJGDS583.8TS OPENZ	EUR	10,8200	10,8200	9,5900								
Certificate	DE000CE6FAL4	DJGDS678.6TS OPENZ	EUR	20,3000	20,3000	19,0700								



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE0006075344	DJHLT PI OPENN	EUR	65,3700	65,3700	65,3700			65,3700					
Certificate	NL0010001178	DJHLT 282TL OPENB	EUR	44,6750	44,6750	44,6750			44,6750					
Certificate	NL0010437422	DJHLT 448TL OPENB	EUR	28,8450	28,8450	28,8450			28,8450					
Certificate	NL0010606869	DJHLT 511TL OPENB	EUR	22,8300	22,8300	22,8300			22,8300					
Certificate	NL0010900783	DJHLT 541TL OPENB	EUR	20,0200	20,0200	20,0200			20,0200					
Certificate	NL0011649934	DJHLT 626TL OPENB	EUR	11,9100	11,9100	11,9100			11,9100					
Certificate	NL0012786610	DJHLT 666TL OPENB	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	NL0012980320	DJHLT 707TL OPENB	EUR											
Certificate	NL0012980346	DJHLT 776TS OPENB	EUR	10,1800	10,1800	10,1800			10,1800					
Certificate	DE000CN6GA75	DJHLT 617.TL OPENZ	EUR	10,4550	10,4550	10,1550			10,1550					
Certificate	DE000CN6JQG1	DJHLT491.7TL OPENZ	EUR	22,9500	22,9500	22,6500			22,6500					
Certificate	DE000CN6HDC2	DJHLT556.4TL OPENZ	EUR	16,4850	16,4850	16,1950			16,1950					
Certificate	DE000CV88AF1	DJHLT666.9TL OPENZ	EUR	5,4900	5,4900	5,2000			5,2000					
Certificate	DE000CN6G8M9	DJHLT827.9TS OPENZ	EUR	10,9200	11,2100	10,9200			11,2100					
Certificate	DE000CE6D1C7	DJHLT969.3TS OPENZ	EUR	25,0500	25,3500	25,0500			25,3500					
Certificate	DE000VA545X0	DJI LEVOPENV	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	DE000VNB1Y89	DJI LEVOPENV	EUR	23,0200	23,0200	23,0200			23,0200					
Certificate	DE000VA234X1	DJI LEVOPENV	EUR	5,1050	5,1050	5,1050			5,1050					
Certificate	DE000VNB1Y71	DJI LEVOPENV	EUR	25,4550	25,4550	25,4550			25,4550					
Certificate	DE000VA234Y9	DJI LEVOPENV	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	DE000VNB1Y97	DJI LEVOPENV	EUR	7,0700	8,2250	7,0700	23322,7200	11	7,7950	2962				
Certificate	DE000VNB1ZB1	DJI SHROPENV	EUR	0,0680	0,0680	0,0620	10,8800	1	0,0620	160				
Certificate	DE000VA234Z6	DJI SHROPENV	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000VNB1ZA3	DJI SHROPENV	EUR	0,6600	0,6600	0,6260	2556,0000	3	0,6280	4000				
Certificate	DE000VNB1ZC9	DJI SHROPENV	EUR	0,0150	0,0150	0,0105	15,0000	1	0,0105	1000				
Certificate	DE000VA545Y8	DJI SHROPENV	EUR	6,0650	6,0650	6,0650			6,0650					
Certificate	NL0006467516	DJIND 2340TL OPENB	EUR	198,7700	198,7700	198,7700			198,7700					
Certificate	NL0009175637	DJIND 6480TL OPENB	EUR	163,3800	163,3800	163,3800			163,3800					
Certificate	NL0009992874	DJIND10270TL OPENB	EUR	130,9800	130,9800	130,9800			130,9800					
Certificate	NL0010125738	DJIND11440TL OPENB	EUR	121,0100	121,0100	121,0100			121,0100					
Certificate	DE000CZ7DMV6	DJIND12269TL OPENZ	EUR	110,0500	112,3900	110,0500			112,3900					
Certificate	NL0010281473	DJIND12330TL OPENB	EUR	113,4100	113,4100	113,4100			113,4100					
Certificate	DE000CT9M2X5	DJIND12456TL OPENC	EUR	10,8600	10,8600	10,8600			10,8600					
Certificate	DE000CN6HSA4	DJIND13439TL OPENZ	EUR	99,9100	102,2050	99,9100			102,2050					
Certificate	NL0011596911	DJIND13610TRL OPENH	EUR	99,0900	99,0900	99,0900			99,0900					
Certificate	NL0010288551	DJIND13790TL OPENB	EUR	100,8700	100,8700	100,8700			100,8700					
Certificate	DE000CX0H732	DJIND13880TL OPENC	EUR	9,7000	9,7000	9,7000			9,7000					
Certificate	DE000CF3APF1	DJIND13881TL OPENC	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	NL0011412317	DJIND14280TL OPENH	EUR	95,4400	95,4400	95,4400			95,4400					
Certificate	DE000CX01888	DJIND14409TL OPENC	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	DE000CZ7DMZ7	DJIND14529TL OPENZ	EUR	90,4600	92,7100	90,4600			92,7100					
Certificate	DE000CF505E2	DJIND14722TL OPENC	EUR	8,7700	8,7700	8,7700			8,7700					
Certificate	NL0010519088	DJIND14770TL OPENB	EUR	92,5300	92,5300	92,5300			92,5300					
Certificate	NL0011595053	DJIND14930TL OPENH	EUR	89,8800	89,8800	89,8800			89,8800					
Certificate	NL0011038484	DJIND15040TL OPENH	EUR	88,9200	88,9200	88,9200			88,9200					
Certificate	NL0010519401	DJIND15060TL OPENB	EUR	90,0700	90,0700	90,0700			90,0700					
Certificate	DE000CZ7DY24	DJIND15419TL OPENZ	EUR	82,7750	85,0000	82,7750			85,0000					
Certificate	DE000CX0KNT0	DJIND15434TL OPENC	EUR	8,1100	8,1100	8,1100			8,1100					
Certificate	DE000CX0KP02	DJIND15490TL OPENC	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	NL0011602941	DJIND15700TL OPENH	EUR	83,2400	83,2400	83,2400			83,2400					
Certificate	NL0011602917	DJIND15860TL OPENH	EUR	81,8200	81,8200	81,8200			81,8200					
Certificate	DE000CZ7DY32	DJIND15869TL OPENZ	EUR	78,8600	81,0650	78,8600			81,0650					
Certificate	DE000CX00F29	DJIND15955TL OPENC	EUR	7,6300	7,6300	7,6300			7,6300					
Certificate	DE000CR9QGX2	DJIND16151TL OPENZ	EUR	74,8850	77,0800	74,8850			77,0800					
Certificate	NL0011700786	DJIND16410TL OPENH	EUR	77,1000	77,1000	77,1000			77,1000					
Certificate	DE000CX00L22	DJIND16507TL OPENC	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	DE000CX00LJ1	DJIND16580TL OPENC	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	DE000CN6HYJ3	DJIND16703TL OPENZ	EUR	70,0500	72,2300	70,0500			72,2300					
Certificate	NL0011660006	DJIND16880TL OPENB	EUR	74,5000	74,5000	74,5000			74,5000					
Certificate	DE000CN6K768	DJIND16949TL OPENZ	EUR	69,5050	71,6850	69,5050			71,6850					
Certificate	DE000CX00W86	DJIND17006TL OPENC	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	NL0012905996	DJIND17033TRL OPENH	EUR	68,9800	68,9800	68,9800			68,9800					
Certificate	NL0011715982	DJIND17050TL OPENH	EUR	71,5500	71,5500	71,5500			71,5500					
Certificate	DE000CX00WG4	DJIND17080TL OPENC	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	DE000CX0KZT4	DJIND17500TL OPENC	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	NL0011893300	DJIND17700TL OPENH	EUR	65,9300	65,9300	65,9300			65,9300					
Certificate	DE000CN6KCW6	DJIND17787TL OPENZ	EUR	60,5600	62,7000	60,5600			62,7000					
Certificate	NL0011894084	DJIND17810TL OPENH	EUR	65,0300	65,0300	65,0300			65,0300					
Certificate	DE000CX59LU4	DJIND18000TL OPENC	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	DE000CD61W37	DJIND18019TL OPENZ	EUR	60,3100	62,4450	60,3100			62,4450					
Certificate	DE000CN6KK28	DJIND18053TL OPENZ	EUR	58,2300	60,3600	58,2300			60,3600					
Certificate	DE000CD61U39	DJIND18317TL OPENZ	EUR	55,9150	58,0450	55,9150			58,0450					



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	NL0011993100	DJIND18440TL OPENH	EUR	59,5600	59,5600	59,5600			59,5600					
Certificate	DE000CX59RP1	DJIND18500TL OPENC	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	DE000CD626J7	DJIND18848TL OPENZ	EUR	51,2600	53,3700	51,2600			53,3700					
Certificate	DE000CX59Z34	DJIND19000TL OPENC	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000CX59Y68	DJIND19000TL OPENC	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	DE000CD63N77	DJIND19079TL OPENZ	EUR	51,1550	53,2600	51,1550			53,2600					
Certificate	NL0011997234	DJIND19080TL OPENH	EUR	54,0500	54,0500	54,0500			54,0500					
Certificate	DE000CD63M94	DJIND19112TL OPENZ	EUR	48,9600	51,0600	48,9600			51,0600					
Certificate	NL0012035828	DJIND19117BL OPENB	EUR	51,0200	51,0200	51,0200			51,0200					
Certificate	NL0011738653	DJIND19120TS OPENH	EUR											
Certificate	NL0011737515	DJIND19134TRSOPENH	EUR											
Certificate	NL0011737945	DJIND19134TRSOPENH	EUR											
Certificate	NL0011740071	DJIND19135TRSOPENH	EUR											
Certificate	NL0011997739	DJIND19190TL OPENH	EUR	53,1500	53,1500	53,1500			53,1500					
Certificate	NL0012038962	DJIND19330TL OPENB	EUR	53,5500	53,5500	53,5500			53,5500					
Certificate	DE000CV8A8H6	DJIND19500TL 1218Z	EUR	4,5200	4,7250	4,5200			4,7250					
Certificate	DE000CY0ASU7	DJIND19500TL OPENC	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000CY50PC0	DJIND19500TL OPENC	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	DE000CQ58LY1	DJIND19500TL OPENC	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000CY0AV53	DJIND19500TL OPENC	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000CX018A2	DJIND19555TS OPENC	EUR											
Certificate	NL0012050306	DJIND19560TL OPENH	EUR	49,9000	49,9000	49,9000			49,9000					
Certificate	DE000CD63MB6	DJIND19636TL OPENZ	EUR	44,3700	46,4500	44,3700			46,4500					
Certificate	NL0012050272	DJIND19720TL OPENH	EUR	48,5200	48,5200	48,5200			48,5200					
Certificate	NL0012051262	DJIND19830TL OPENH	EUR	47,6200	47,6200	47,6200			47,6200					
Certificate	NL0012849954	DJIND19882TRLOPENH	EUR	43,9100	43,9100	43,9100			43,9100					
Certificate	NL0012052096	DJIND19980TL OPENH	EUR	46,2700	46,2700	46,2700			46,2700					
Certificate	DE000CQ5AXF7	DJIND20000TL OPENC	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	DE000CY16BG2	DJIND20000TL OPENC	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000CY0AZX6	DJIND20000TL OPENC	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000CD644H4	DJIND20129TL OPENZ	EUR	42,0600	44,1300	42,0600			44,1300					
Certificate	DE000CD63ZV6	DJIND20156TL OPENZ	EUR	39,8250	41,8800	39,8250			41,8800					
Certificate	NL0013082233	DJIND20368TRLOPENH	EUR	39,6500	39,6500	39,6500			39,6500					
Certificate	DE000CD64177	DJIND20409TL OPENZ	EUR	37,6100	39,6600	37,6100			39,6600					
Certificate	DE000CY16TV3	DJIND20500TL OPENC	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	DE000CY501M1	DJIND20500TL OPENC	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	DE000CE6BKJ6	DJIND20514TL OPENZ	EUR	3,6700	3,8750	3,6700			3,8750					
Certificate	DE000CD643P9	DJIND20667TL OPENZ	EUR	35,3500	37,3900	35,3500			37,3900					
Certificate	NL0012180657	DJIND20686TRLOPENH	EUR	36,8400	36,8400	36,8400			36,8400					
Certificate	NL0013082225	DJIND20918TRLOPENH	EUR	34,8000	34,8000	34,8000			34,8000					
Certificate	DE000CE6BHN4	DJIND20921TL OPENZ	EUR	33,1300	35,1650	33,1300			35,1650					
Certificate	DE000CY50HA1	DJIND21000TL OPENC	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000CY50GJ4	DJIND21000TL OPENC	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	NL0012564249	DJIND21000TL OPENH	EUR	37,4600	37,4600	37,4600			37,4600					
Certificate	NL0013080765	DJIND21078TRLOPENH	EUR	33,4000	33,4000	33,4000			33,4000					
Certificate	DE000CE6CQB8	DJIND21169TL OPENZ	EUR	33,0700	35,1000	33,0700			35,1000					
Certificate	NL0012272397	DJIND21220TL OPENB	EUR	37,3400	37,3400	37,3400			37,3400					
Certificate	NL0013082217	DJIND21269TRLOPENH	EUR	31,7200	31,7200	31,7200			31,7200					
Certificate	DE000CE6BQ63	DJIND21395TL OPENZ	EUR	2,8950	3,1050	2,8950			3,1050					
Certificate	NL0012308720	DJIND21435TRLOPENH	EUR	30,2600	30,2600	30,2600			30,2600					
Certificate	DE000VA3ZU86	DJIND21500TL 1218V	EUR	2,9495	2,9495	2,9495			2,9495					
Certificate	DE000CJ3NUU9	DJIND21500TL 1218Z	EUR	2,7750	2,9750	2,7750			2,9750					
Certificate	DE000CY50T89	DJIND21500TL OPENC	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000CY50S50	DJIND21500TL OPENC	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000VL8XEL3	DJIND21563TL OPENV	EUR	26,9750	26,9750	26,9750			26,9750					
Certificate	DE000CE6DGS1	DJIND21642TL OPENZ	EUR	2,6850	2,8850	2,6850			2,8850					
Certificate	NL0012314264	DJIND21644TRLOPENH	EUR	28,4200	28,4200	28,4200			28,4200					
Certificate	DE000VA3ZVA9	DJIND21750TL 1218V	EUR	2,7315	2,7315	2,7315			2,7315					
Certificate	DE000VL8XEM1	DJIND21813TL OPENV	EUR	24,7150	24,7150	24,7150			24,7150					
Certificate	NL0012368252	DJIND21859TRLOPENH	EUR	26,5300	26,5300	26,5300			26,5300					
Certificate	NL0012555239	DJIND21860TL OPENH	EUR	30,0600	30,0600	30,0600			30,0600					
Certificate	DE000CE6DLG6	DJIND21902TL OPENZ	EUR	2,4550	2,6550	2,4550			2,6550					
Certificate	NL0012520084	DJIND21926TRLOPENH	EUR											
Certificate	NL0012520076	DJIND21936TRLOPENH	EUR											
Certificate	NL0012520068	DJIND21946TRLOPENH	EUR											
Certificate	NL0012494363	DJIND21950TL OPENB	EUR	31,1200	31,1200	31,1200			31,1200					
Certificate	NL0012520050	DJIND21956TRLOPENH	EUR											
Certificate	NL0012281661	DJIND21958BL OPENB	EUR	26,2200	26,2200	26,2200			26,2200					
Certificate	DE000VA3ZVC5	DJIND22000TL 1218V	EUR	2,5125	2,5125	2,5125			2,5125					
Certificate	DE000CY51NC3	DJIND22000TL OPENC	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CY51LD5	DJIND22000TL OPENC	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	NL0013082209	DJIND22020TRLOPENH	EUR	25,1100	25,1100	25,1100			25,1100					



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	NL0013008196	DJIND22029BL OPENB	EUR	25,6000	25,6000	25,6000			25,6000					
Certificate	DE000VL8XEN9	DJIND22063TL OPENV	EUR	22,4650	22,4650	22,4650			22,4650					
Certificate	DE000CE6E0H7	DJIND22155TL OPENZ	EUR	2,2350	2,4350	2,2350								
Certificate	NL0012495444	DJIND22160TL OPENB	EUR	29,3400	29,3400	29,3400				29,3400				
Certificate	NL0012905988	DJIND22199TRL OPENH	EUR	22,7400	23,5400	22,7400	2274,0000	1		23,5400	100			
Certificate	DE000CE6E697	DJIND22209TL OPENZ	EUR	24,0450	26,0450	24,0450				26,0450				
Certificate	DE000VA3ZVE1	DJIND22250TL 1218V	EUR	2,2935	2,2935	2,2935			2,2935					
Certificate	DE000VL8XEP4	DJIND22313TL OPENV	EUR	19,4200	21,2150	19,0000	10210,6000	10		20,2150	509			
Certificate	NL0013082795	DJIND22367TRL OPENH	EUR	22,0600	22,0600	22,0600			22,0600					
Certificate	DE000CE6ES92	DJIND22407TL OPENZ	EUR	2,0150	2,2150	2,0150			2,2150					
Certificate	NL0012555205	DJIND22480TL OPENH	EUR	24,7300	24,7300	24,7300			24,7300					
Certificate	DE000VA71U94	DJIND22500TL 0319V	EUR	2,0925	2,0925	2,0925			2,0925					
Certificate	DE000VA3ZVF8	DJIND22500TL 1218V	EUR	2,0755	2,0755	2,0755			2,0755					
Certificate	DE000CY51W26	DJIND22500TL OPENC	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	DE000CY51WL5	DJIND22500TL OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0012519573	DJIND22522TRL OPENH	EUR	20,7100	20,7100	20,7100			20,7100					
Certificate	NL0013008188	DJIND22530BL OPENB	EUR	21,1900	21,1900	21,1900			21,1900					
Certificate	NL0012519862	DJIND22540TRL OPENH	EUR	20,5400	20,5400	20,5400			20,5400					
Certificate	NL0012499834	DJIND22550TL OPENB	EUR	26,0000	26,0000	26,0000			26,0000					
Certificate	DE000VL8XEQ2	DJIND22563TL OPENV	EUR	17,9550	17,9550	17,9550			17,9550					
Certificate	DE000CE6ETX2	DJIND22653TL OPENZ	EUR	1,8050	1,9950	1,8050			1,9950					
Certificate	NL0013008170	DJIND22730BL OPENB	EUR	19,4300	19,4300	19,4300			19,4300					
Certificate	DE000VA71MY7	DJIND22750TL 0319V	EUR	1,8755	1,8755	1,8755			1,8755					
Certificate	DE000VA3ZVH4	DJIND22750TL 1218V	EUR	1,8575	1,8575	1,8575			1,8575					
Certificate	NL0012905970	DJIND22751TRL OPENH	EUR	18,7000	18,7000	18,7000			18,7000					
Certificate	NL0012501423	DJIND22785BL OPENB	EUR	18,9400	18,9400	18,9400			18,9400					
Certificate	DE000VL61TS2	DJIND22831TL OPENV	EUR	15,7850	15,7850	15,7850			15,7850					
Certificate	NL0013083355	DJIND22864TRL OPENH	EUR	17,7100	17,7100	17,7100			17,7100					
Certificate	NL0012555189	DJIND22890TL OPENH	EUR	21,1800	21,1800	21,1800			21,1800					
Certificate	DE000CE6F066	DJIND22909TL OPENZ	EUR	1,5750	1,7750	1,5750			1,7750					
Certificate	NL0013082787	DJIND22918TRL OPENH	EUR	17,2400	17,2400	17,2400			17,2400					
Certificate	NL0013008162	DJIND22930BL OPENB	EUR	17,6700	17,6700	17,6700			17,6700					
Certificate	NL0012502405	DJIND22980TL OPENB	EUR	22,3700	22,3700	22,3700			22,3700					
Certificate	NL0012860860	DJIND22980TL OPENH	EUR	20,3700	20,3700	20,3700			20,3700					
Certificate	DE000VA71M37	DJIND23000TL 0319V	EUR	1,6615	1,6615	1,6615			1,6615					
Certificate	DE000VA3ZVL6	DJIND23000TL 1218V	EUR	1,6405	1,6405	1,6405			1,6405					
Certificate	DE000CY52038	DJIND23000TL OPENC	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000CY51Y65	DJIND23000TL OPENC	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	LU1840977703	DJIND23030TCIOPENS	EUR	16,1300	16,1300	16,1300			16,1300					
Certificate	NL0012535405	DJIND23052TRL OPENH	EUR	16,0600	16,0600	16,0600			16,0600					
Certificate	DE000VL8XH95	DJIND23065TL OPENV	EUR	13,5350	13,5350	13,5350			13,5350					
Certificate	NL0013083348	DJIND23114TRL OPENH	EUR	15,5200	15,5200	15,5200			15,5200					
Certificate	DE000CE6F1K8	DJIND23155TL OPENZ	EUR	1,3650	1,5550	1,3650			1,5550					
Certificate	NL0012535306	DJIND23199TRL OPENH	EUR	14,7800	14,7800	14,7800			14,7800					
Certificate	NL0012777627	DJIND23202BL OPENB	EUR	15,2800	15,2800	15,2800			15,2800					
Certificate	NL0012535272	DJIND23230TRL OPENH	EUR	14,5000	14,5000	14,5000			14,5000					
Certificate	DE000CE6F4Y3	DJIND23249TL OPENZ	EUR	15,0900	17,0550	15,0900			17,0550					
Certificate	DE000VA71M86	DJIND23250TL 0319V	EUR	1,4475	1,4475	1,4475			1,4475					
Certificate	DE000VA3ZVM4	DJIND23250TL 1218V	EUR	1,4275	1,4275	1,4275			1,4275					
Certificate	NL0012269658	DJIND23300BOCI218B	EUR	202,7000	203,9000	202,7000			203,9000					
Certificate	NL0013083330	DJIND23314TRL OPENH	EUR	13,7600	13,7600	13,7600			13,7600					
Certificate	NL0012543581	DJIND23347TRL OPENH	EUR											
Certificate	DE000VL97RH3	DJIND23353TL OPENV	EUR	11,3150	11,3150	11,3150			11,3150					
Certificate	NL0012543573	DJIND23358TRL OPENH	EUR											
Certificate	NL0012543565	DJIND23368TRL OPENH	EUR											
Certificate	NL0012509103	DJIND23370TL OPENB	EUR	18,9700	18,9700	18,9700			18,9700					
Certificate	NL0012543557	DJIND23378TRL OPENH	EUR											
Certificate	NL0012610711	DJIND23380TRL OPENH	EUR	13,1900	13,1900	13,1900			13,1900					
Certificate	NL0012543540	DJIND23388TRL OPENH	EUR											
Certificate	NL0012543532	DJIND23398TRL OPENH	EUR											
Certificate	NL0012573315	DJIND23400TL OPENH	EUR											
Certificate	NL0012543524	DJIND23408TRL OPENH	EUR											
Certificate	NL0012511711	DJIND23411BL OPENB	EUR	13,4400	13,4400	13,4400			13,4400					
Certificate	DE000CE6F4T3	DJIND23412TL OPENZ	EUR	1,1350	1,3350	1,1350			1,3350					
Certificate	NL0012543516	DJIND23418TRL OPENH	EUR											
Certificate	NL0012607428	DJIND23420TL OPENH	EUR	16,6500	16,6500	16,6500			16,6500					
Certificate	NL0012543508	DJIND23429TRL OPENH	EUR											
Certificate	NL0012573091	DJIND23444TRL OPENH	EUR											
Certificate	NL0012573083	DJIND23454TRL OPENH	EUR											
Certificate	NL0013085798	DJIND23457TRL OPENH	EUR	12,5100	12,5100	12,5100			12,5100					
Certificate	NL0012573075	DJIND23464TRL OPENH	EUR											
Certificate	NL0012573067	DJIND23474TRL 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	NL0012573059	DJIND23485TRLOPENH	EUR											
Certificate	NL0012573042	DJIND23495TRLOPENH	EUR											
Certificate	LU1859828235	DJIND23500TCIOPENS	EUR	12,3800	12,3800	12,3800				12,3800				
Certificate	DE000VA7TBB3	DJIND23500TL 0319V	EUR	1,2325	1,2325	1,2325				1,2325				
Certificate	DE000VA3ZVP7	DJIND23500TL 1218V	EUR	1,2145	1,2145	1,2145				1,2145				
Certificate	DE000CV8AC21	DJIND23500TL 1218Z	EUR	1,0400	1,2350	1,0400				1,2350				
Certificate	DE000CQ5AXG5	DJIND23500TL OPENC	EUR	0,8900	0,9300	0,8900	222,5000	1	0,9300	250				
Certificate	DE000CQ5AXT8	DJIND23500TL OPENC	EUR	1,2200	1,2200	1,2200				1,2200				
Certificate	NL0012573307	DJIND23500TL OPENH	EUR											
Certificate	NL0012573034	DJIND23505TRLOPENH	EUR											
Certificate	NL0012520043	DJIND23506TRSOPEH	EUR											
Certificate	NL0012611180	DJIND23510TRLOPENH	EUR	12,0500	12,0500	12,0500				12,0500				
Certificate	NL0012573026	DJIND23515TRLOPENH	EUR											
Certificate	NL0012520035	DJIND23516TRSOPEH	EUR											
Certificate	NL0012573018	DJIND23525TRLOPENH	EUR											
Certificate	NL0012520027	DJIND23526TRSOPEH	EUR											
Certificate	NL0012599575	DJIND23533TRLOPENH	EUR											
Certificate	NL0012599567	DJIND23543TRLOPENH	EUR											
Certificate	NL0012599559	DJIND23553TRLOPENH	EUR											
Certificate	NL0012599542	DJIND23563TRLOPENH	EUR											
Certificate	NL0013083322	DJIND23565TRLOPENH	EUR	11,5700	11,5700	11,5700				11,5700				
Certificate	NL0012599534	DJIND23573TRLOPENH	EUR											
Certificate	NL0012599526	DJIND23583TRLOPENH	EUR											
Certificate	NL0012599518	DJIND23593TRLOPENH	EUR											
Certificate	NL0012599740	DJIND23600TL OPENH	EUR											
Certificate	NL0012599500	DJIND23603TRLOPENH	EUR											
Certificate	NL0012512859	DJIND23610TL OPENB	EUR	16,9600	16,9600	16,9600				16,9600				
Certificate	NL0012599492	DJIND23613TRLOPENH	EUR											
Certificate	NL0012599484	DJIND23623TRLOPENH	EUR											
Certificate	NL0012599476	DJIND23633TRLOPENH	EUR											
Certificate	NL0012599468	DJIND23643TRLOPENH	EUR											
Certificate	NL0012608723	DJIND23652TRLOPENH	EUR	10,4000	10,8100	10,4000	728,0000	1	10,8100	70				
Certificate	NL0012599450	DJIND23653TRLOPENH	EUR											
Certificate	DE000CE6FPS7	DJIND23656TL OPENZ	EUR	0,9250	1,1150	0,9250				1,1150				
Certificate	NL0012599443	DJIND23663TRLOPENH	EUR											
Certificate	DE000VA12CP1	DJIND23664TL OPENV	EUR	9,1450	9,1450	9,1450				9,1450				
Certificate	NL0012599435	DJIND23673TRLOPENH	EUR											
Certificate	NL0012599427	DJIND23683TRLOPENH	EUR											
Certificate	NL0012599419	DJIND23693TRLOPENH	EUR											
Certificate	NL0012599732	DJIND23700TL OPENH	EUR											
Certificate	NL0012599401	DJIND23703TRLOPENH	EUR											
Certificate	NL0012599393	DJIND23713TRLOPENH	EUR											
Certificate	NL0013083314	DJIND23715TRLOPENH	EUR	10,2800	10,2800	10,2800				10,2800				
Certificate	DE000VA7PWN2	DJIND23750TL 0319V	EUR	1,0185	1,0185	1,0185				1,0185				
Certificate	DE000VA4YPM7	DJIND23750TL 1218V	EUR	1,0015	1,0015	1,0015				1,0015				
Certificate	DE000VA321P4	DJIND23750TL 1218V	EUR											
Certificate	NL0012779656	DJIND23770TL OPENB	EUR											
Certificate	NL0012602072	DJIND23781TRLOPENH	EUR	9,7000	9,7000	9,7000				9,7000				
Certificate	NL0012605489	DJIND23817TRLOPENH	EUR											
Certificate	NL0012604037	DJIND23837TRLOPENH	EUR											
Certificate	NL0013082191	DJIND23842TRLOPENH	EUR	9,1800	9,1800	9,1800				9,1800				
Certificate	NL0012788244	DJIND23852BL OPENB	EUR	9,5600	9,5600	9,5600				9,5600				
Certificate	NL0013082183	DJIND23862TRLOPENH	EUR	9,0100	9,0100	9,0100				9,0100				
Certificate	NL0012846794	DJIND23880TL OPENH	EUR	12,6200	12,6200	12,6200				12,6200				
Certificate	DE000VA15MK3	DJIND23888TL OPENV	EUR	7,0250	7,0250	7,0250				7,0250				
Certificate	NL0012847461	DJIND23895TRLOPENH	EUR	8,7300	8,7300	8,7300				8,7300				
Certificate	NL0012611289	DJIND23900TL OPENH	EUR											
Certificate	DE000CV88822	DJIND23905TL OPENZ	EUR	0,7150	0,9050	0,7150				0,9050				
Certificate	NL0013082175	DJIND23912TRLOPENH	EUR	8,5800	8,5800	8,5800				8,5800				
Certificate	NL0013082167	DJIND23942TRLOPENH	EUR	8,3200	8,3200	8,3200				8,3200				
Certificate	NL0013082159	DJIND23962TRLOPENH	EUR	8,1500	8,1500	8,1500				8,1500				
Certificate	NL0012780241	DJIND23970TL OPENB	EUR											
Certificate	NL0013082142	DJIND23982TRLOPENH	EUR	7,9800	7,9800	7,9800				7,9800				
Certificate	DE000VA7PQB9	DJIND24000TL 0319V	EUR	0,8055	0,8055	0,8055				0,8055				
Certificate	DE000VA32329	DJIND24000TL 1218V	EUR	0,7895	0,7895	0,7895				0,7895				
Certificate	DE000CQ5BNM2	DJIND24000TL OPENC	EUR	0,5600	0,6500	0,5600	363,0000	2	0,5900	600				
Certificate	DE000CQ5BAV0	DJIND24000TL OPENC	EUR	0,7700	0,8600	0,7600	242,6700	3	0,8000	298				
Certificate	DE000CQ5B1O4	DJIND24000TL OPENC	EUR											
Certificate	NL0012847347	DJIND24018TRLOPENH	EUR	7,6700	7,6700	7,6700				7,6700				
Certificate	LU1840977885	DJIND24030TCIOPENS	EUR	7,4200	7,4200	7,4200				7,4200				
Certificate	NL0013082134	DJIND24043TRLOPENH	EUR	7,4600	7,4600	7,4600				7,4600				
Certificate	NL0012789309	DJIND24047BL OPENB	EUR	7,8400	7,8400	7,8400				7,8400				



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	NL0013082498	DJIND24050TL OPENH	EUR	11,2000	11,2000	11,2000			11,2000					
Certificate	NL0013082126	DJIND24073TRLOPENH	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	NL0013082118	DJIND24093TRLOPENH	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	NL0013082100	DJIND24113TRLOPENH	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	NL0012848196	DJIND24147TRLOPENH	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	DE000CV89VU4	DJIND24151TL OPENZ	EUR	0,4950	0,6850	0,4950			0,6850					
Certificate	NL0013082092	DJIND24163TRLOPENH	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	NL0013082084	DJIND24183TRLOPENH	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	DE000VA325H2	DJIND24197TL OPENV	EUR	3,6770	4,8775	3,5000	717,7000	2	4,8775	200				
Certificate	NL0013082076	DJIND24203TRLOPENH	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	NL0012863138	DJIND24235TRLOPENH	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	NL0012778922	DJIND24240TS OPENB	EUR											
Certificate	DE000VA7PQF0	DJIND24250TL 0319V	EUR	0,5925	0,5925	0,5925			0,5925					
Certificate	DE000VA325C3	DJIND24250TL 1218V	EUR	0,5785	0,5785	0,5785			0,5785					
Certificate	NL0013083306	DJIND24255TRLOPENH	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	DE000CV89XZ9	DJIND24259TL OPENZ	EUR	6,3000	8,2300	6,3000			8,2300					
Certificate	NL0013082068	DJIND24263TRLOPENH	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	NL0012979397	DJIND24269BL OPENB	EUR	4,6300	5,9900	4,1000	21220,8000	23	5,8900	4040				
Certificate	LU1859828318	DJIND24280TCIOPENS	EUR											
Certificate	NL0012928154	DJIND24295TRLOPENH	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0013082050	DJIND24323TRLOPENH	EUR	4,2700	5,0800	4,2700	3843,0000	1	5,0800	900				
Certificate	NL0012927263	DJIND24340TL OPENH	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	NL0013085780	DJIND24347TRLOPENH	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	NL0012928139	DJIND24356TRLOPENH	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	NL0013080757	DJIND24393TRLOPENH	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	DE000CV89XR6	DJIND24400TL OPENZ	EUR	0,2750	0,4750	0,2750			0,4750					
Certificate	NL0013080740	DJIND24424TRLOPENH	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	NL0013086515	DJIND24444TRLOPENH	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	NL0012928105	DJIND24447TRLOPENH	EUR	3,4400	4,0400	3,4400	344,0000	1	4,0400	100				
Certificate	NL0013085772	DJIND24447TRLOPENH	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000VA4RMA3	DJIND24453TL OPENV	EUR											
Certificate	NL0012980601	DJIND24469BL OPENB	EUR	2,2900	4,1300	2,2900	2855,0000	2	4,1300	1000				
Certificate	NL0013080732	DJIND24474TRLOPENH	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	LU1840977968	DJIND24500TCIOPENS	EUR											
Certificate	DE000VA7PQJ2	DJIND24500TL 0319V	EUR	0,3775	0,3775	0,3775			0,3775					
Certificate	DE000VA4RM69	DJIND24500TL 1218V	EUR	0,3665	0,3665	0,3665			0,3665					
Certificate	DE000CJ3NUV7	DJIND24500TL 1218Z	EUR											
Certificate	DE000CQ58QC6	DJIND24500TL OPENC	EUR											
Certificate	DE000CQ58W86	DJIND24500TL OPENC	EUR											
Certificate	NL0013080724	DJIND24504TRLOPENH	EUR	2,9500	3,8500	2,7600	10571,0000	6	3,5600	3200				
Certificate	NL0012928535	DJIND24544TRLOPENH	EUR											
Certificate	NL0013086507	DJIND24544TRLOPENH	EUR											
Certificate	NL0013080716	DJIND24564TRLOPENH	EUR											
Certificate	NL0012980700	DJIND24590TL OPENB	EUR											
Certificate	NL0013080708	DJIND24594TRLOPENH	EUR											
Certificate	NL0012928493	DJIND24626TRLOPENH	EUR											
Certificate	NL0012927867	DJIND24640TL OPENH	EUR											
Certificate	DE000CV89ZU5	DJIND24640TL OPENZ	EUR											
Certificate	NL0013080690	DJIND24644TRLOPENH	EUR											
Certificate	NL0013008154	DJIND24655BL OPENB	EUR											
Certificate	NL0013080682	DJIND24674TRLOPENH	EUR											
Certificate	NL0013080674	DJIND24704TRLOPENH	EUR											
Certificate	DE000VA4Y531	DJIND24717TL OPENV	EUR											
Certificate	NL0012929517	DJIND24732TRLOPENH	EUR											
Certificate	DE000VA7PQL8	DJIND24750TL 0319V	EUR											
Certificate	DE000VA4YTW8	DJIND24750TL 1218V	EUR											
Certificate	NL0013080666	DJIND24754TRLOPENH	EUR											
Certificate	NL0013080658	DJIND24784TRLOPENH	EUR											
Certificate	NL0012982318	DJIND24790TL OPENB	EUR											
Certificate	NL0013082779	DJIND24810TRLOPENH	EUR											
Certificate	NL0012929376	DJIND24830TL OPENH	EUR											
Certificate	NL0012930440	DJIND24836TRLOPENH	EUR											
Certificate	NL0012984751	DJIND24860BL OPENB	EUR											
Certificate	NL0012930424	DJIND24877TRLOPENH	EUR											
Certificate	DE000CV8AZ32	DJIND24884TL OPENZ	EUR											
Certificate	NL0012931869	DJIND24916TRLOPENH	EUR											
Certificate	NL0013080641	DJIND24944TRLOPENH	EUR											
Certificate	NL0013012511	DJIND24990TL OPENB	EUR											
Certificate	DE000VA71YW6	DJIND25000TL 0319V	EUR											
Certificate	DE000VA7PQQ7	DJIND25000TL 0319V	EUR											
Certificate	DE000VA5RG58	DJIND25000TL 1218V	EUR											
Certificate	DE000VA71YN5	DJIND25000TL 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	NL0013080633	DJIND2501STRLOPENH	EUR											
Certificate	NL0012990923	DJIND25032BL OPENB	EUR											
Certificate	NL0013084478	DJIND25036TRLOPENH	EUR											
Certificate	NL0013084460	DJIND25056TRLOPENH	EUR											
Certificate	NL0013084452	DJIND25066TRLOPENH	EUR											
Certificate	DE000VA71XN7	DJIND25084TL OPENV	EUR											
Certificate	NL0013084445	DJIND25096TRLOPENH	EUR											
Certificate	NL0013084890	DJIND25100TL OPENH	EUR											
Certificate	NL0013084437	DJIND25116TRLOPENH	EUR											
Certificate	NL0013084429	DJIND25136TRLOPENH	EUR											
Certificate	LU1841152041	DJIND25140TCIOPENS	EUR											
Certificate	NL0013084411	DJIND25156TRLOPENH	EUR											
Certificate	NL0013084403	DJIND25166TRLOPENH	EUR											
Certificate	NL0013012529	DJIND25190TL OPENB	EUR											
Certificate	NL0013084395	DJIND25196TRLOPENH	EUR											
Certificate	NL0013084387	DJIND25216TRLOPENH	EUR											
Certificate	NL0013084379	DJIND25236TRLOPENH	EUR											
Certificate	NL0013084361	DJIND25238TRLOPENH	EUR											
Certificate	NL0013084353	DJIND25248TRLOPENH	EUR											
Certificate	DE000VA71YY2	DJIND25250TL 0319V	EUR											
Certificate	DE000VA71YS4	DJIND25250TL 1218V	EUR											
Certificate	NL0013084346	DJIND25278TRLOPENH	EUR											
Certificate	NL0013084882	DJIND25400TL OPENH	EUR											
Certificate	LU1859829712	DJIND25420TPIOPENS	EUR											
Certificate	DE000CQ5ALZ0	DJIND25500TS OPENC	EUR											
Certificate	DE000CJ3PHY3	DJIND25575TS OPENZ	EUR	10,9500	10,9500	9,0600			9,0600					
Certificate	DE000CJ3PHC9	DJIND25608TS OPENZ	EUR	0,8900	0,8900	0,7050	4806,0000	8	0,7050	6300				
Certificate	NL0013000235	DJIND25639BL OPENB	EUR											
Certificate	NL0013010747	DJIND25670TS OPENB	EUR											
Certificate	DE000VA8FUC8	DJIND25682TS OPENV	EUR	7,5450	7,5450	7,5450			7,5450					
Certificate	DE000VA7PQ23	DJIND25750TL 0319V	EUR											
Certificate	DE000VAGEE47	DJIND25750TL 1218V	EUR											
Certificate	DE000VA71U60	DJIND25750TS 0319V	EUR											
Certificate	DE000VA8FU28	DJIND25750TS 0319V	EUR	0,8205	0,8205	0,8205			0,8205					
Certificate	DE000VA71VD2	DJIND25750TS 1218V	EUR											
Certificate	DE000VA8FU51	DJIND25750TS 1218V	EUR	0,8325	0,8325	0,8325			0,8325					
Certificate	NL0012999981	DJIND25760TL OPENB	EUR											
Certificate	NL0013084080	DJIND25790TS OPENH	EUR											
Certificate	NL0013085228	DJIND25800TS OPENH	EUR	13,9000	13,9000	12,9600	1042,5000	1	12,9600	75				
Certificate	NL0013081953	DJIND25824TRSOPENH	EUR	10,4000	10,4000	8,1000	17791,9600	17	8,7200	1914				
Certificate	NL0013000995	DJIND25828BL OPENB	EUR											
Certificate	NL0013081946	DJIND25854TRSOPENH	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	DE000CJ3PHD7	DJIND25858TS OPENZ	EUR	1,1050	1,1050	0,9250			0,9250					
Certificate	NL0013010754	DJIND25860TS OPENB	EUR	12,5500	12,5500	11,1000	1882,5000	1	11,1000	150				
Certificate	NL0013010457	DJIND25862BS OPENB	EUR	11,0000	11,1300	8,6400	76596,7700	14	9,5100	7434				
Certificate	NL0013081938	DJIND25884TRSOPENH	EUR	9,2400	9,2400	9,2400			9,2400					
Certificate	NL0013081920	DJIND25914TRSOPENH	EUR	9,5000	9,5000	9,5000			9,5000					
Certificate	NL0013003122	DJIND25930TL OPENB	EUR											
Certificate	DE000VA8FUF1	DJIND25932TS OPENV	EUR	9,6950	9,6950	9,6950			9,6950					
Certificate	NL0013086499	DJIND25944TRSOPENH	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	NL0013081912	DJIND25944TRSOPENH	EUR	10,2600	10,2600	9,7600	2024,0000	2	9,7600	200				
Certificate	NL0013081904	DJIND25974TRSOPENH	EUR	10,0200	10,0200	10,0200			10,0200					
Certificate	DE000CP06P89	DJIND26000TL OPENC	EUR											
Certificate	LU1840974940	DJIND26000TPIOPENS	EUR	10,3400	10,3400	10,3400			10,3400					
Certificate	DE000VA71MK6	DJIND26000TS 0319V	EUR	1,0355	1,0355	1,0355			1,0355					
Certificate	DE000VA71NC1	DJIND26000TS 1218V	EUR	1,0515	1,0515	1,0515			1,0515					
Certificate	DE000CJ3PFA7	DJIND26000TS 1218Z	EUR	1,2250	1,2250	1,0450			1,0450					
Certificate	DE000CP06YF5	DJIND26000TS OPENC	EUR	0,9200	1,0100	0,9100	46,0000	1	1,0100	50				
Certificate	NL0013081896	DJIND26004TRSOPENH	EUR	10,2800	10,2800	10,2800			10,2800					
Certificate	NL0013083298	DJIND26025TRSOPENH	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	NL0013081888	DJIND26034TRSOPENH	EUR	10,5400	10,5400	10,5400			10,5400					
Certificate	NL0013010762	DJIND26060TS OPENB	EUR	12,8800	12,8800	12,8800			12,8800					
Certificate	NL0013010465	DJIND26062BS OPENB	EUR	11,6850	13,1200	10,4500	151301,8800	21	11,2700	12647				
Certificate	NL0013081870	DJIND26064TRSOPENH	EUR	10,8000	10,8000	10,8000			10,8000					
Certificate	NL0013084072	DJIND26080TS OPENH	EUR	15,5600	15,5600	15,5600			15,5600					
Certificate	NL0013081862	DJIND26094TRSOPENH	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	DE000CJ3PE55	DJIND26107TS OPENZ	EUR	1,3250	1,3250	1,1350			1,1350					
Certificate	NL0013080617	DJIND26123TRSOPENH	EUR	11,3100	11,3100	11,3100			11,3100					
Certificate	NL0013080609	DJIND26153TRSOPENH	EUR	11,5700	11,5700	11,5700			11,5700					
Certificate	NL0013080591	DJIND26183TRSOPENH	EUR	11,8300	11,8300	11,8300			11,8300					
Certificate	DE000VA7THL9	DJIND26192TS OPENV	EUR	11,8350	11,8350	11,8350			11,8350					
Certificate	NL0013080583	DJIND26213TRSOPENH	EUR	12,2000	12,4900	12,1000	356,7000	2	12,1000	29				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013085764	DJIND26243TRSOPENH	EUR	12,3600	12,3600	12,3600			12,3600					
Certificate	NL0013080575	DJIND26243TRSOPENH	EUR	12,3600	12,3600	12,3600			12,3600					
Certificate	NL0013086481	DJIND26244TRSOPENH	EUR	12,3700	12,3700	12,3700			12,3700					
Certificate	DE000VA71MNO	DJIND26250TS 0319V	EUR	1,3580	1,3595	1,2485	1662,2600	3		1270				
Certificate	DE000VA71NF4	DJIND26250TS 1218V	EUR	1,2695	1,2695	1,2695			1,2695					
Certificate	NL0013009467	DJIND26260TS OPENB	EUR	14,6600	14,6600	14,6600			14,6600					
Certificate	NL0013010473	DJIND26262BS OPENB	EUR	13,0300	13,0300	13,0300			13,0300					
Certificate	NL0013080567	DJIND26273TRSOPENH	EUR	12,6200	12,6200	12,6200			12,6200					
Certificate	NL0013080559	DJIND26303TRSOPENH	EUR	12,8900	12,8900	12,8900			12,8900					
Certificate	NL0013083280	DJIND26325TRSOPENH	EUR	13,0800	13,0800	13,0800			13,0800					
Certificate	NL0013081359	DJIND26330TS OPENH	EUR	17,7200	17,7200	17,7200			17,7200					
Certificate	NL0013080542	DJIND26333TRSOPENH	EUR	13,1500	13,1500	13,1500			13,1500					
Certificate	DE000CJ3N7Q4	DJIND26355TS OPENZ	EUR	1,5350	1,5350	1,3550			1,3550					
Certificate	NL0013080534	DJIND26363TRSOPENH	EUR	13,4100	13,4100	13,4100			13,4100					
Certificate	NL0013080526	DJIND26393TRSOPENH	EUR	13,6700	13,6700	13,6700			13,6700					
Certificate	NL0013080518	DJIND26422TRSOPENH	EUR	13,9400	13,9400	13,9400			13,9400					
Certificate	DE000VA7THM7	DJIND26442TS OPENV	EUR	13,9850	13,9850	13,9850			13,9850					
Certificate	NL0013080500	DJIND26452TRSOPENH	EUR	14,2000	14,2000	14,2000			14,2000					
Certificate	NL0013008493	DJIND26460BS OPENB	EUR	16,1900	16,2000	13,9600	90336,4000	16	14,7700	5784				
Certificate	NL0013009475	DJIND26460TS OPENB	EUR	17,7500	17,7500	16,4400	3550,0000	1	16,4400	200				
Certificate	NL0013080492	DJIND26482TRSOPENH	EUR	14,4600	14,4600	14,4600			14,4600					
Certificate	DE000VA71MS9	DJIND26500TS 0319V	EUR	1,4625	1,4625	1,4625			1,4625					
Certificate	DE000VA71NJ6	DJIND26500TS 1218V	EUR	1,4865	1,4865	1,4865			1,4865					
Certificate	DE000CP07BQ8	DJIND26500TS OPENC	EUR	1,6900	1,7800	1,6900	1690,0000	1	1,7800	1000				
Certificate	DE000CP06V99	DJIND26500TS OPENC	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	NL0013080484	DJIND26512TRSOPENH	EUR	14,7200	14,7200	14,7200			14,7200					
Certificate	NL0013080476	DJIND26542TRSOPENH	EUR	14,9900	14,9900	14,9900			14,9900					
Certificate	NL0013085756	DJIND26543TRSOPENH	EUR	14,9900	14,9900	14,9900			14,9900					
Certificate	NL0013086473	DJIND26544TRSOPENH	EUR	15,0000	15,0000	15,0000			15,0000					
Certificate	NL0013080468	DJIND26572TRSOPENH	EUR	15,2500	15,2500	15,2500			15,2500					
Certificate	DE000CJ3N6Q6	DJIND26575TS OPENZ	EUR	19,8100	19,8100	17,9600			17,9600					
Certificate	NL0013084874	DJIND26590TS OPENH	EUR	20,0900	20,0900	20,0900			20,0900					
Certificate	NL0013080450	DJIND26602TRSOPENH	EUR	15,5100	15,5100	15,5100			15,5100					
Certificate	DE000CJ3N4U3	DJIND26603TS OPENZ	EUR	1,7550	1,7550	1,5750			1,5750					
Certificate	NL0013084338	DJIND26630TRSOPENH	EUR	15,7500	15,7500	15,7500			15,7500					
Certificate	NL0013080443	DJIND26632TRSOPENH	EUR	15,7700	15,7700	15,7700			15,7700					
Certificate	NL0013008501	DJIND26660BS OPENB	EUR	16,5300	16,5300	16,5300			16,5300					
Certificate	NL0013009483	DJIND26660TS OPENB	EUR	18,2100	18,2100	18,2100			18,2100					
Certificate	NL0013080435	DJIND26662TRSOPENH	EUR	16,0400	16,0400	16,0400			16,0400					
Certificate	NL0013080427	DJIND26692TRSOPENH	EUR	16,3000	16,3000	16,3000			16,3000					
Certificate	DE000VA7THP0	DJIND26692TS OPENV	EUR	16,1650	16,1650	16,1650			16,1650					
Certificate	NL0013086036	DJIND26700TS OPENH	EUR	21,0300	21,0300	21,0300			21,0300					
Certificate	NL0013080419	DJIND26722TRSOPENH	EUR	16,5600	16,5600	16,5600			16,5600					
Certificate	DE000VA71MV3	DJIND26750TS 0319V	EUR	1,6745	1,6745	1,6745			1,6745					
Certificate	DE000VA71NL2	DJIND26750TS 1218V	EUR	1,7025	1,7025	1,7025			1,7025					
Certificate	NL0013080401	DJIND26752TRSOPENH	EUR	16,8300	16,8300	16,8300			16,8300					
Certificate	NL0013080393	DJIND26782TRSOPENH	EUR	17,0900	17,0900	17,0900			17,0900					
Certificate	NL0013080385	DJIND26812TRSOPENH	EUR	17,3500	17,3500	17,3500			17,3500					
Certificate	NL0013080377	DJIND26842TRSOPENH	EUR	17,6100	17,6100	17,6100			17,6100					
Certificate	NL0012520019	DJIND26846TRSOPENH	EUR											
Certificate	DE000CJ3N7R2	DJIND26855TS OPENZ	EUR	1,9750	1,9750	1,7950			1,7950					
Certificate	NL0013008519	DJIND26860BS OPENB	EUR	18,2900	18,2900	18,2900			18,2900					
Certificate	NL0013009491	DJIND26860TS OPENB	EUR	19,9900	19,9900	19,9900			19,9900					
Certificate	NL0013084320	DJIND26870TRSOPENH	EUR	17,8500	17,8500	17,8500			17,8500					
Certificate	NL0013084312	DJIND26910TRSOPENH	EUR	18,2000	18,2000	18,2000			18,2000					
Certificate	NL0012554877	DJIND26930TS OPENH	EUR	23,1800	23,1800	23,1800			23,1800					
Certificate	NL0012905319	DJIND26931TRSOPENH	EUR	18,3900	18,3900	18,3900			18,3900					
Certificate	NL0012905301	DJIND26941TRSOPENH	EUR	18,4800	18,4800	18,4800			18,4800					
Certificate	NL0012901334	DJIND26951TRSOPENH	EUR	18,5700	18,5700	18,5700			18,5700					
Certificate	NL0012545990	DJIND26971TRSOPENH	EUR	18,7400	18,7400	18,7400			18,7400					
Certificate	DE000VA77BA5	DJIND27000TS 0319V	EUR	1,8885	1,8885	1,8885			1,8885					
Certificate	DE000VA321N9	DJIND27000TS 1218V	EUR	1,9215	1,9215	1,9215			1,9215					
Certificate	DE000CJ3N1U9	DJIND27000TS 1218Z	EUR	2,1050	2,1050	1,9250			1,9250					
Certificate	DE000CP06396	DJIND27000TS OPENC	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	DE000CP06VA2	DJIND27000TS OPENC	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	NL0012892616	DJIND27015TRSOPENH	EUR	19,1200	19,1200	19,1200			19,1200					
Certificate	NL0012904692	DJIND27040TRSOPENH	EUR	19,3500	19,3500	19,3500			19,3500					
Certificate	NL0012992218	DJIND27059BS OPENB	EUR	20,0500	20,0500	20,0500			20,0500					
Certificate	NL0013002306	DJIND27060TS OPENB	EUR	21,8400	21,8400	21,8400			21,8400					
Certificate	NL0012895320	DJIND27062TRSOPENH	EUR	19,5400	19,5400	19,5400			19,5400					
Certificate	NL0012561252	DJIND27083TRSOPENH	EUR	19,7200	19,7200	19,7200			19,7200					
Certificate	DE000CE6F5S2	DJIND27103TS OPENZ	EUR	2,1950	2,1950	1,9900	14280,0000	3	2,0050	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	NL0012904320	DJIND27110TRSOPENH	EUR	19,9500	19,9500	19,9500			19,9500					
Certificate	NL0012554869	DJIND27130TS OPENH	EUR	24,9700	24,9700	24,9700			24,9700					
Certificate	NL0012901243	DJIND27141TRSOPENH	EUR	20,2300	20,2300	20,2300			20,2300					
Certificate	NL0012904312	DJIND27170TRSOPENH	EUR	20,4800	20,4800	20,4800			20,4800					
Certificate	LU1817097238	DJIND27190TPIOPENH	EUR	20,5400	20,5400	19,9300	246,4800	1	19,9300	12				
Certificate	NL0012561187	DJIND27192TRSOPENH	EUR	20,6700	20,6700	20,6700			20,6700					
Certificate	NL0012904304	DJIND27219TRSOPENH	EUR	20,9200	20,9200	20,9200			20,9200					
Certificate	NL0012901862	DJIND27242TRSOPENH	EUR	21,1100	21,1100	21,1100			21,1100					
Certificate	DE000VA7PWL6	DJIND27250TS 0319V	EUR	2,1055	2,1055	2,1055			2,1055					
Certificate	DE000VA32302	DJIND27250TS 1218V	EUR	2,1405	2,1405	2,1405			2,1405					
Certificate	NL0012998462	DJIND27260BS OPENB	EUR	21,8100	21,8100	21,8100			21,8100					
Certificate	NL0012904296	DJIND27269TRSOPENH	EUR	21,3500	21,3500	21,3500			21,3500					
Certificate	NL0012676803	DJIND27280TS OPENB	EUR	30,3000	30,3000	28,6900	3195,2000	3	28,6900	108				
Certificate	NL0012901854	DJIND27292TRSOPENH	EUR	21,5500	21,5500	21,5500			21,5500					
Certificate	NL0012904288	DJIND27319TRSOPENH	EUR	21,7900	21,7900	21,7900			21,7900					
Certificate	NL0012554851	DJIND27330TS OPENH	EUR	26,7600	26,7600	26,7600			26,7600					
Certificate	NL0012901847	DJIND27342TRSOPENH	EUR	21,9900	21,9900	21,9900			21,9900					
Certificate	DE000CE6FEZ6	DJIND27352TS OPENZ	EUR	2,4050	2,4050	2,2250			2,2250					
Certificate	NL0012181374	DJIND27368TRSOPENH	EUR	22,2200	22,2200	22,2200			22,2200					
Certificate	NL0012901839	DJIND27392TRSOPENH	EUR	22,4300	22,4300	22,4300			22,4300					
Certificate	NL0012901821	DJIND27412TRSOPENH	EUR	24,2300	24,2300	22,6000	2423,0000	1	22,6000	100				
Certificate	DE000VL61G75	DJIND27423TS OPENV	EUR	18,3650	18,3650	18,3650			18,3650					
Certificate	NL0012901813	DJIND27442TRSOPENH	EUR	22,8700	22,8700	22,8700			22,8700					
Certificate	NL0013000243	DJIND27460BS OPENB	EUR	23,5700	23,5700	23,5700			23,5700					
Certificate	NL0012545917	DJIND27465TRSOPENH	EUR	23,0700	23,0700	23,0700			23,0700					
Certificate	NL0013000870	DJIND27470TS OPENB	EUR	30,4500	30,4500	30,4500			30,4500					
Certificate	NL0012901805	DJIND27492TRSOPENH	EUR	23,3100	23,3100	23,3100			23,3100					
Certificate	DE000VA7PPD7	DJIND27500TS 0319V	EUR	2,3215	2,3215	2,3215			2,3215					
Certificate	DE000VA325G4	DJIND27500TS 1218V	EUR	2,3595	2,3595	2,3595			2,3595					
Certificate	NL0012904270	DJIND27519TRSOPENH	EUR	23,5500	23,5500	23,5500			23,5500					
Certificate	NL0012554844	DJIND27530TS OPENH	EUR	30,0100	30,1000	27,5100	28805,0000	4	28,5500	1000				
Certificate	NL0012892566	DJIND27554TRSOPENH	EUR	23,8500	23,8500	23,8500			23,8500					
Certificate	DE000CE6F397	DJIND27575TS OPENZ	EUR	28,7250	28,7250	26,9050			26,9050					
Certificate	NL0012904684	DJIND27580TRSOPENH	EUR	24,0800	24,0800	24,0800			24,0800					
Certificate	NL0012904262	DJIND27599TRSOPENH	EUR	24,2500	24,2500	24,2500			24,2500					
Certificate	DE000CV4YQX0	DJIND27608TS OPENZ	EUR	2,6350	2,6350	2,4550			2,4550					
Certificate	NL0012904676	DJIND27630TRSOPENH	EUR	24,5200	24,5200	24,5200			24,5200					
Certificate	NL0012901797	DJIND27651TRSOPENH	EUR	24,7100	24,7100	24,7100			24,7100					
Certificate	NL0013001019	DJIND27662BS OPENB	EUR	25,3500	25,3500	25,3500			25,3500					
Certificate	NL0013001639	DJIND27670TS OPENB	EUR	32,2500	32,2500	32,2500			32,2500					
Certificate	NL0012904668	DJIND27680TRSOPENH	EUR	24,9600	24,9600	24,9600			24,9600					
Certificate	NL0012904254	DJIND27699TRSOPENH	EUR	25,1300	25,1300	25,1300			25,1300					
Certificate	NL0012904650	DJIND27730TRSOPENH	EUR	25,4000	25,4000	25,4000			25,4000					
Certificate	NL0012554836	DJIND27730TS OPENH	EUR	30,3500	30,3500	30,3500			30,3500					
Certificate	DE000VA7PPG0	DJIND27750TS 0319V	EUR	2,5385	2,5385	2,5385			2,5385					
Certificate	DE000VA4RL94	DJIND27750TS 1218V	EUR	2,5795	2,5795	2,5795			2,5795					
Certificate	NL0012892558	DJIND27754TRSOPENH	EUR	25,6100	25,6100	25,6100			25,6100					
Certificate	NL0012906309	DJIND27782TRSOPENH	EUR	25,8600	25,8600	25,8600			25,8600					
Certificate	NL0012904247	DJIND27819TRSOPENH	EUR	26,1900	26,1900	26,1900			26,1900					
Certificate	NL0012907307	DJIND27842TRSOPENH	EUR	26,3900	26,3900	26,3900			26,3900					
Certificate	NL0013004682	DJIND27862BS OPENB	EUR	27,1100	27,1100	27,1100			27,1100					
Certificate	DE000CV4YW56	DJIND27879TS OPENZ	EUR	2,8750	2,8750	2,6000	1300,0000	1	2,6950	500				
Certificate	NL0012906291	DJIND27882TRSOPENH	EUR	26,7400	26,7400	26,7400			26,7400					
Certificate	NL0013078124	DJIND27904TRSOPENH	EUR	26,9300	26,9300	26,9300			26,9300					
Certificate	DE000VL61G91	DJIND27923TS OPENV	EUR	22,7550	22,7550	22,7550			22,7550					
Certificate	NL0012554828	DJIND27930TS OPENH	EUR	32,1400	32,1400	32,1400			32,1400					
Certificate	NL0012907299	DJIND27942TRSOPENH	EUR	27,2700	27,2700	27,2700			27,2700					
Certificate	LU1817097311	DJIND27990TPIOPENH	EUR	26,8900	26,8900	26,8900			26,8900					
Certificate	DE000VA7PPK2	DJIND28000TS 0319V	EUR	2,7555	2,7555	2,7555			2,7555					
Certificate	DE000VA4YTX6	DJIND28000TS 1218V	EUR	2,7985	2,7985	2,7985			2,7985					
Certificate	DE000CJ3NUX3	DJIND28000TS 1218Z	EUR	2,9750	2,9750	2,7950			2,7950					
Certificate	DE000CY51Y73	DJIND28000TS OPENC	EUR	2,1800	2,2100	2,1300	878,0000	2	2,1300	400				
Certificate	DE000CQ58P36	DJIND28000TS OPENC	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000CY52046	DJIND28000TS OPENC	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	NL0012892533	DJIND28003TRSOPENH	EUR	27,8100	27,8100	27,8100			27,8100					
Certificate	DE000VL8XH38	DJIND28058TS OPENV	EUR	25,1550	25,1550	25,1550			25,1550					
Certificate	NL0012907281	DJIND28072TRSOPENH	EUR	28,4100	28,4100	28,4100			28,4100					
Certificate	DE000CV4YX22	DJIND28125TS OPENZ	EUR	3,0850	3,0850	2,9050			2,9050					
Certificate	NL0012554810	DJIND28130TS OPENH	EUR	33,9300	33,9300	33,9300			33,9300					
Certificate	NL0012901789	DJIND28151TRSOPENH	EUR	29,1000	29,1000	29,1000			29,1000					
Certificate	NL0013084304	DJIND28240TRSOPENH	EUR	29,8800	29,8800	29,8800			29,8800					
Certificate	DE000VA7PPM8	DJIND28250TS 0319V	EUR	2,9725	2,9725	2,9725			2,9725					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA4YV69	DJIND28250TS 1218V	EUR	3,0175	3,0175	3,0175			3,0175					
Certificate	NL0012676811	DJIND28280TS OPENB	EUR	37,7500	37,7500	37,7500			37,7500					
Certificate	NL0013084296	DJIND28290TRSOPENH	EUR	30,3200	30,3200	30,3200			30,3200					
Certificate	DE000VL8XH46	DJIND28308TS OPENV	EUR	27,3450	27,3450	27,3450			27,3450					
Certificate	NL0012554802	DJIND28330TS OPENH	EUR	35,7200	35,7200	35,7200			35,7200					
Certificate	NL0013084288	DJIND28340TRSOPENH	EUR	30,7600	30,7600	30,7600			30,7600					
Certificate	NL0012901771	DJIND28351TRSOPENH	EUR	30,8600	30,8600	30,8600			30,8600					
Certificate	DE000CV4YX30	DJIND28379TS OPENZ	EUR	3,3050	3,3050	3,1350			3,1350					
Certificate	NL0012910137	DJIND28448TRSOPENH	EUR	31,7100	31,7100	31,7100			31,7100					
Certificate	LU1840349135	DJIND28480TPIOPENS	EUR	31,5700	31,5700	31,5700			31,5700					
Certificate	DE000VA7PPP1	DJIND28500TS 0319V	EUR	3,1895	3,1895	3,1895			3,1895					
Certificate	DE000VA5RP24	DJIND28500TS 1218V	EUR	3,2365	3,2365	3,2365			3,2365					
Certificate	DE000CY52521	DJIND28500TS OPENC	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0012901763	DJIND28501TRSOPENH	EUR	32,1800	32,1800	32,1800			32,1800					
Certificate	DE000VL8XH53	DJIND28558TS OPENV	EUR	29,5450	29,5450	29,5450			29,5450					
Certificate	DE000CV4YVH3	DJIND28595TS OPENZ	EUR	37,7450	37,7450	35,9600			35,9600					
Certificate	DE000CV4Z3F6	DJIND28637TS OPENZ	EUR	3,5350	3,5350	3,3550			3,3550					
Certificate	NL0012901755	DJIND28701TRSOPENH	EUR	33,9400	33,9400	33,9400			33,9400					
Certificate	DE000VA7PPR7	DJIND28750TS 0319V	EUR	3,4065	3,4065	3,4065			3,4065					
Certificate	DE000VA6T0L0	DJIND28750TS 1218V	EUR	3,4555	3,4555	3,4555			3,4555					
Certificate	NL0012901748	DJIND28850TRSOPENH	EUR	35,2600	35,2600	35,2600			35,2600					
Certificate	DE000VA2T8F9	DJIND28872TS OPENV	EUR	33,7850	33,7850	33,7850			33,7850					
Certificate	DE000CV4Z3G4	DJIND28891TS OPENZ	EUR	3,7550	3,7550	3,5850			3,5850					
Certificate	NL0012892509	DJIND28902TRSOPENH	EUR	35,7100	35,7100	35,7100			35,7100					
Certificate	NL0012903785	DJIND28970TS OPENH	EUR	41,4800	41,4800	41,4800			41,4800					
Certificate	NL0013008527	DJIND28982BS OPENB	EUR	36,9600	36,9600	36,9600			36,9600					
Certificate	NL0012550297	DJIND28985TRSOPENH	EUR	36,4400	36,4400	36,4400			36,4400					
Certificate	DE000VA7PPS5	DJIND29000TS 0319V	EUR	3,6245	3,6245	3,6245			3,6245					
Certificate	DE000VA6TOP1	DJIND29000TS 1218V	EUR	3,6745	3,6745	3,6745			3,6745					
Certificate	DE000CJ3NNZ3	DJIND29000TS 1218Z	EUR	3,8450	3,8450	3,6750			3,6750					
Certificate	DE000CP06MQ7	DJIND29000TS OPENC	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	DE000CY52CL5	DJIND29000TS OPENC	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	DE000CY52F00	DJIND29000TS OPENC	EUR	3,1400	3,1400	3,1000	1099,0000	1	3,1000	350				
Certificate	NL0012901730	DJIND29050TRSOPENH	EUR	37,0100	37,0100	37,0100			37,0100					
Certificate	DE000CV4Z7C4	DJIND29132TS OPENZ	EUR	3,9700	3,9700	3,7950			3,7950					
Certificate	NL0012901722	DJIND29200TRSOPENH	EUR	38,3300	38,3300	38,3300			38,3300					
Certificate	DE000VA7PPU1	DJIND29250TS 0319V	EUR	3,8415	3,8415	3,8415			3,8415					
Certificate	DE000VASRJ14	DJIND29265TS OPENV	EUR	38,1750	38,1750	38,1750			38,1750					
Certificate	DE000CV4ZB01	DJIND29393TS OPENZ	EUR	4,1950	4,1950	4,0250			4,0250					
Certificate	NL0013003882	DJIND29430TS OPENB	EUR	42,8300	42,8300	42,8300			42,8300					
Certificate	NL0012560346	DJIND29460TRSOPENH	EUR	40,6100	40,6100	40,6100			40,6100					
Certificate	DE000VA7PPX5	DJIND29500TS 0319V	EUR	4,0595	4,0595	4,0595			4,0595					
Certificate	NL0012554794	DJIND29530TS OPENH	EUR	46,4700	46,4700	46,4700			46,4700					
Certificate	NL0012196497	DJIND29531TRSOPENH	EUR	41,2400	41,2400	41,2400			41,2400					
Certificate	DE000CV4YX71	DJIND29585TS OPENZ	EUR	46,6000	46,6000	44,8500			44,8500					
Certificate	NL0012197602	DJIND29633TRSOPENH	EUR	42,1200	42,1200	42,1200			42,1200					
Certificate	DE000CV4ZC91	DJIND29648TS OPENZ	EUR	4,4250	4,4250	4,2450			4,2450					
Certificate	DE000VA6D419	DJIND29726TS OPENV	EUR	42,5750	42,5750	42,5750			42,5750					
Certificate	DE000VA7PP16	DJIND29750TS 0319V	EUR	4,2775	4,2775	4,2775			4,2775					
Certificate	DE000CV4ZJD4	DJIND29904TS OPENZ	EUR	4,6450	4,6450	4,4750			4,4750					
Certificate	NL0012197578	DJIND29925TRSOPENH	EUR	44,7000	44,7000	44,7000			44,7000					
Certificate	DE000CY52F18	DJIND30000TS OPENC	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	DE000CQ58UD6	DJIND30000TS OPENC	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	DE000CY52GD3	DJIND30000TS OPENC	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000CP063A8	DJIND30000TS OPENC	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	DE000CV4ZE2	DJIND30157TS OPENZ	EUR	4,8650	4,8650	4,6950			4,6950					
Certificate	NL0012905962	DJIND30160TRSOPENH	EUR	46,7700	46,7700	46,7700			46,7700					
Certificate	NL0012676829	DJIND30280TS OPENB	EUR	55,8600	55,8600	55,8600			55,8600					
Certificate	NL0012895304	DJIND30378TRSOPENH	EUR	48,6900	48,6900	48,6900			48,6900					
Certificate	DE000CV4ZKX0	DJIND30414TS OPENZ	EUR	5,0900	5,0900	4,9250			4,9250					
Certificate	NL0012677389	DJIND30495BS OPENB	EUR	50,2700	50,2700	50,2700			50,2700					
Certificate	DE000CV4ZCR9	DJIND30585TS OPENZ	EUR	55,4450	55,4450	53,7350			53,7350					
Certificate	NL0012314173	DJIND30655TRSOPENH	EUR	51,9500	51,9500	51,1300	623,4000	1	51,1300	12				
Certificate	DE000CV4ZLL3	DJIND30676TS OPENZ	EUR	5,3200	5,3200	5,1500			5,1500					
Certificate	NL0012554786	DJIND30730TS OPENH	EUR	57,2200	57,2200	57,2200			57,2200					
Certificate	NL0012905954	DJIND30860TRSOPENH	EUR	52,9300	52,9300	52,9300			52,9300					
Certificate	DE000CV4ZPW1	DJIND30931TS OPENZ	EUR	5,5400	5,5400	5,3700			5,3700					
Certificate	DE000CV8AC47	DJIND31000TS 1218Z	EUR	5,5900	5,5900	5,4200			5,4200					
Certificate	DE000CP061L9	DJIND31000TS OPENC	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	DE000CP063B6	DJIND31000TS OPENC	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CY52S39	DJIND31000TS OPENC	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	NL0012901714	DJIND31149TRSOPENH	EUR	55,4700	55,4700	55,4700			55,4700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012901706	DJIND31398TRSOPENH	EUR	57,6600	57,6600	57,6600			57,6600					
Certificate	DE000CV4ZLB4	DJIND31585TS OPENZ	EUR	64,3450	64,3450	62,6600			62,6600					
Certificate	NL0012905947	DJIND31609TRSOPENH	EUR	59,5200	59,5200	59,5200			59,5200					
Certificate	NL0012907273	DJIND31920TRSOPENH	EUR	62,2600	62,2600	62,2600			62,2600					
Certificate	NL0012554778	DJIND31920TS OPENH	EUR	67,9800	67,9800	67,9800			67,9800					
Certificate	DE000CJ3NQ05	DJIND31933TS OPENZ	EUR	6,4200	6,4200	6,2500			6,2500					
Certificate	DE000CP06P97	DJIND32000TS OPENZ	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	DE000CV87QH5	DJIND32972TS OPENZ	EUR	7,3300	7,3300	7,1700			7,1700					
Certificate	DE000CJ3NUY1	DJIND33000TS 1218Z	EUR	7,3400	7,3400	7,1800			7,1800					
Certificate	NL0012849806	DJIND33075TRSOPENH	EUR	73,9900	73,9900	72,4100	1109,8500	1	72,4100	15				
Certificate	NL0012903777	DJIND33570TS OPENH	EUR	82,7700	82,7700	82,7700			82,7700					
Certificate	DE000CV87NJ8	DJIND33595TS OPENZ	EUR	82,1300	82,1300	80,5200			80,5200					
Certificate	NL0012520001	DJIND33596TRSOPENH	EUR											
Certificate	DE000CJ3NR77	DJIND33595TS OPENZ	EUR	99,8200	99,8200	98,2800			98,2800					
Certificate	NL0012905939	DJIND36457TRSOPENH	EUR	102,1500	102,1500	102,1500			102,1500					
Certificate	DE0006075369	DJINS PI OPENN	EUR	27,2900	27,2900	27,2900			27,2900					
Certificate	DE000CV87N02	DJINS 254.TL OPENZ	EUR	1,5300	1,7550	1,5300			1,7550					
Certificate	DE000CN6JS72	DJINS175.4TL OPENZ	EUR	9,3500	9,5850	9,3500			9,5850					
Certificate	DE000CN6JSY0	DJINS198.2TL OPENZ	EUR	7,0700	7,3000	7,0700			7,3000					
Certificate	DE000CE6CS68	DJINS233.6TL OPENZ	EUR	3,5400	3,7750	3,5400			3,7750					
Certificate	DE000CD64FW4	DJINS310.6TS OPENZ	EUR	4,2700	4,2700	4,0350			4,0350					
Certificate	DE000CE6FCZ0	DJINS362.2TS OPENZ	EUR	9,4300	9,4300	9,1900			9,1900					
Certificate	DE000CJ3PG53	DJMAT 337TL OPENZ	EUR	4,8000	5,6200	4,8000			5,6200					
Certificate	DE000CN6JT22	DJMAT 313.TL OPENZ	EUR	7,1700	8,0000	7,1700			8,0000					
Certificate	DE000CN6JSB8	DJMAT278.2TL OPENZ	EUR	10,6500	11,4850	10,6500			11,4850					
Certificate	DE000CE6BHM6	DJMAT367.5TL OPENZ	EUR	1,8000	2,6150	1,8000			2,6150					
Certificate	DE000CD645X8	DJMAT473.3TS OPENZ	EUR	9,0000	9,0000	8,1500			8,1500					
Certificate	DE000CE6C881	DJMAT552.6TS OPENZ	EUR	16,9300	16,9300	16,0800			16,0800					
Certificate	DE000CE6EHE7	DJMED198.6TL OPENZ	EUR	7,9400	7,9400	7,6150			7,6150					
Certificate	DE000CE6CDC4	DJMED230.5TL OPENZ	EUR	4,7500	4,7500	4,4250			4,4250					
Certificate	DE000CV87MX1	DJMED250.8TL OPENZ	EUR	2,7400	2,7400	2,4150			2,4150					
Certificate	DE000CE6CES8	DJMED320.7TS OPENZ	EUR	4,3600	4,6850	4,3600			4,6850					
Certificate	DE000CV89YJ1	DJMED370.6TS OPENZ	EUR	9,3500	9,6800	9,3500			9,6800					
Certificate	DE0006075328	DJOIL PI OPENN	EUR	34,2600	34,2600	34,2600			34,2600					
Certificate	NL0006470858	DJOIL 93TL OPENB	EUR	24,1450	24,1450	24,1450			24,1450					
Certificate	NL0006468845	DJOIL 127TL OPENB	EUR	20,8950	20,8950	20,8950			20,8950					
Certificate	NL0011655881	DJOIL 214TL OPENB	EUR	12,6000	12,6000	12,6000			12,6000					
Certificate	NL0012034649	DJOIL 255TL OPENB	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	NL0012781553	DJOIL 297TL OPENB	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	NL0013002298	DJOIL 340TL OPENB	EUR											
Certificate	NL0012791180	DJOIL 369TS OPENB	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	DE000CV88X41	DJRES 654.TS OPENZ	EUR	25,2800	25,2800	24,3100			24,3100					
Certificate	DE000CN6KE00	DJRES224.7TL OPENZ	EUR	17,7750	18,7700	17,7750			18,7700					
Certificate	DE000CD627T4	DJRES267.5TL OPENZ	EUR	13,4900	14,4900	13,4900			14,4900					
Certificate	DE000CD63M86	DJRES317.5TL OPENZ	EUR	8,5200	9,5100	8,5200			9,5100					
Certificate	DE000CE6E8T5	DJRES367.2TL OPENZ	EUR	3,6150	4,6000	3,6150			4,6000					
Certificate	DE000CV8AYM8	DJRES407.3TL OPENZ	EUR											
Certificate	DE000CV8A7L0	DJRES504.2TS OPENZ	EUR	10,3200	10,3200	9,3500			9,3500					
Certificate	DE000CE6F454	DJRES554.1TS OPENZ	EUR	15,3000	15,3000	14,3300			14,3300					
Certificate	NL0012492102	DJRET 208TL OPENB	EUR	9,3200	9,3200	9,3200			9,3200					
Certificate	NL0011271382	DJRET 248TL OPENB	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0013006505	DJRET 310TS OPENB	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	NL0011089198	DJRET 349TS OPENB	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	DE000CV87N28	DJRET 274.TL OPENZ	EUR	1,3550	1,8750	1,3550			1,8750					
Certificate	DE000CE6CEU4	DJRET 350.TS OPENZ	EUR	6,5400	6,5400	6,0100			6,0100					
Certificate	DE000CV88TR6	DJRET 400.TS OPENZ	EUR	11,5200	11,5200	10,9800			10,9800					
Certificate	DE000CE6EJ51	DJRET218.5TL OPENZ	EUR	6,7700	7,3100	6,7700			7,3100					
Certificate	DE000CE6CDD2	DJRET254.4TL OPENZ	EUR	3,2550	3,7850	3,2550			3,7850					
Certificate	DE0006075385	DJTCH PI OPENN	EUR	36,7000	36,7000	36,7000			36,7000					
Certificate	NL0011907142	DJTCH 307TL OPENB	EUR	12,1200	12,1200	12,1200			12,1200					
Certificate	NL0012693006	DJTCH 349TL OPENB	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	NL0012120968	DJTCH 389TL OPENB	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	NL0012996326	DJTCH 474TS OPENB	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	NL0012971154	DJTCH 514TS OPENB	EUR	12,7900	12,7900	12,7900			12,7900					
Certificate	DE000CN6GA67	DJTCH291.3TL OPENZ	EUR	11,1900	12,2500	11,1900			12,2500					
Certificate	DE000CN6G8D8	DJTCH309.1TL OPENZ	EUR	9,4150	10,4750	9,4150			10,4750					
Certificate	DE000CE6CS43	DJTCH359.2TL OPENZ	EUR	4,4550	5,5000	4,4550			5,5000					
Certificate	DE000CV87N36	DJTCH398.7TL OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CE6CM90	DJTCH510.9TS OPENZ	EUR	10,9000	10,9000	9,8500			9,8500					
Certificate	DE000CV87N44	DJTCH561.3TS OPENZ	EUR	15,9400	15,9400	14,8800			14,8800					
Certificate	DE0006075393	DJTLCL PI OPENN	EUR	22,8800	22,8800	22,8800			22,8800					
Certificate	DE000CJ3NNQ2	DJTLCL 163.TL OPENZ	EUR	7,4700	7,4700	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
Certificate	DE000CF6KQ2	DJTLIC197.8TL OPENZ	EUR	3,9950	3,9950	3,9850			3,9850					
Certificate	DE000CV8B9W2	DJTLIC217.3TL OPENZ	EUR	2,0650	2,0650	2,0550			2,0550					
Certificate	DE000CV500C7	DJTLIC282.5TS OPENZ	EUR	4,5550	4,5750	4,5550								
Certificate	DE000CE6CEQ2	DJTLIC327.4TS OPENZ	EUR	9,0400	9,0600	9,0400								
Certificate	DE0006075401	DJUTI PI OPENN	EUR	27,6100	27,6100	27,6100								
Certificate	NL0013007784	DJUTI 157TL OPENB	EUR	12,8900	12,8900	12,8900								
Certificate	NL0010516134	DJUTI 195TL OPENB	EUR	9,2300	9,2300	9,2300								
Certificate	NL0012099121	DJUTI 237TL OPENB	EUR	5,1900	5,1900	5,1900								
Certificate	NL0011089230	DJUTI 299TS OPENB	EUR	3,7800	3,7800	3,7800								
Certificate	DE000CV8A4R4	DLGS 12.14TL OPENZ	EUR	1,3200	1,5100	1,3200	1510,0000	1		1,4650	1000			
Certificate	DE000CV8A755	DLGS 14.14TL OPENZ	EUR	0,9200	1,0650	0,9200								
Certificate	DE000CJ3N450	DLGS 17.13TL OPENZ	EUR	0,3300	0,4650	0,3300	13800,0000	2		0,4650	32000			
Certificate	NL0006317588	dMIAX PI OPENN	EUR	18,4000	18,7000	18,4000								
Certificate	DE0005437438	DOWJO PI OPENN	EUR	215,8700	215,8700	215,8700				215,8700				
Certificate	DE000CV89T04	DPOST 19.2TL OPENZ	EUR	8,6200	9,2200	8,6200				9,2200				
Certificate	NL0012861264	DPOST 34.3TS OPENH	EUR	8,9500	8,9500	8,4700				8,4700				
Certificate	NL0011225339	DPOST16.64TL OPENH	EUR	12,3400	12,8700	12,3400				12,8700				
Certificate	NL0011721063	DPOST19.76TL OPENH	EUR	9,4200	9,9500	9,4200				9,9500				
Certificate	DE000CN6KHC7	DPOST21.23TL OPENZ	EUR	6,6000	7,2000	6,6000				7,2000				
Certificate	NL0011721055	DPOST21.84TL OPENH	EUR	7,4700	8,0000	7,4700				8,0000				
Certificate	NL0011721048	DPOST22.36TL OPENH	EUR	6,9800	7,5200	6,9800				7,5200				
Certificate	NL0011892872	DPOST22.86TL OPENH	EUR	6,5200	7,0500	6,5200				7,0500				
Certificate	NL0011926837	DPOST23.16TL OPENH	EUR	6,2400	6,7700	6,2400				6,7700				
Certificate	NL0011928304	DPOST23.67TL OPENH	EUR	5,7600	6,2900	5,7600				6,2900				
Certificate	NL0011931225	DPOST24.17TL OPENH	EUR	5,2800	5,8200	5,2800				5,8200				
Certificate	DE000CD62585	DPOST24.23TL OPENZ	EUR	3,6250	4,2150	3,6250				4,2150				
Certificate	NL0011932587	DPOST24.69TL OPENH	EUR	4,8100	5,3400	4,8100				5,3400				
Certificate	NL0011933932	DPOST25.23TL OPENH	EUR	4,3000	4,8300	4,3000	1795,5000	1		4,8300	399			
Certificate	NL0011934682	DPOST25.74TL OPENH	EUR	3,8200	4,3500	3,8200				4,3500				
Certificate	NL0011989868	DPOST26.24TL OPENH	EUR	3,3500	3,8900	3,3500				3,8900				
Certificate	NL0011993787	DPOST27.17TL OPENH	EUR	2,4800	3,0100	2,4800	1488,0000	1		3,0100	600			
Certificate	DE000CJ3N088	DPOST72.22TL OPENZ	EUR	0,6950	1,2850	0,6950				1,2850				
Certificate	NL0012580757	DPOST37.31TS OPENH	EUR	12,1800	12,1800	11,7000				11,7000				
Certificate	NL0012610125	DPOST38.29TS OPENH	EUR	13,2400	13,2400	12,7500				12,7500				
Certificate	NL0012580740	DPOST39.28TS OPENH	EUR	14,3000	14,3000	13,8100				13,8100				
Certificate	NL0012519458	DPOST40.14TS OPENH	EUR	15,2200	15,2200	14,7400				14,7400				
Certificate	NL0012523864	DPOST40.22TS OPENH	EUR	15,3100	15,3100	14,8200				14,8200				
Certificate	NL0012367734	DPOST41.87TS OPENH	EUR	17,0800	17,0800	16,6000				16,6000				
Certificate	NL0012431043	DPOST42.05TS OPENH	EUR	17,2800	17,2800	16,7900				16,7900				
Certificate	NL0012545552	DPOST44.01TS OPENH	EUR	19,3800	19,3800	18,8900				18,8900				
Certificate	NL0012545545	DPOST45.97TS OPENH	EUR	21,4800	21,4800	20,9900				20,9900				
Certificate	NL0012537518	DPOST49.88TS OPENH	EUR	25,6800	25,6800	25,2000				25,2000				
Certificate	DE000CX01698	DSM 48TL OPENC	EUR	32,6500	32,6500	32,6500				32,6500				
Certificate	DE000CX59G11	DSM 50TL OPENC	EUR	29,4600	29,4600	29,4600				29,4600				
Certificate	DE000CX59324	DSM 50TL OPENC	EUR	2,9400	2,9400	2,9400				2,9400				
Certificate	NL0012103824	DSM 54TL OPENB	EUR	25,7600	26,0650	25,7450	7573,4400	1		26,0650	294			
Certificate	DE000CV50UL1	DSM 55TL OPENC	EUR	23,2900	23,2900	23,2900				23,2900				
Certificate	DE000CX59PJ8	DSM 55TL OPENC	EUR	26,3600	26,3600	26,3600				26,3600				
Certificate	DE000CV50EP6	DSM 55TL OPENC	EUR	23,7400	23,7400	23,7400				23,7400				
Certificate	DE000CV509U7	DSM 55TL OPENC	EUR	25,6900	25,6900	25,6900				25,6900				
Certificate	DE000CV50SW2	DSM 55TL OPENC	EUR	25,2400	25,2400	25,2400				25,2400				
Certificate	DE000CP06WH5	DSM 60TL OPENC	EUR	1,7300	1,7300	1,7300				1,7300				
Certificate	DE000CV16FN9	DSM 60TL OPENC	EUR	21,7000	21,7000	21,7000				21,7000				
Certificate	DE000CV16AK6	DSM 60TL OPENC	EUR	19,4700	19,4700	19,4700				19,4700				
Certificate	DE000CP06ZM8	DSM 60TL OPENC	EUR	1,8900	1,8900	1,8900				1,8900				
Certificate	DE000CV524C4	DSM 65TL OPENC	EUR	15,8000	15,8000	15,8000				15,8000				
Certificate	DE000CV51GS3	DSM 65TL OPENC	EUR	15,7200	15,7200	15,7200				15,7200				
Certificate	DE000CV51FJ4	DSM 65TL OPENC	EUR	13,2700	13,2700	13,2700				13,2700				
Certificate	DE000CV8ABH6	DSM 68TL 1218Z	EUR	1,2350	1,7350	1,2350				1,7350				
Certificate	DE000VA8FUR6	DSM 70TL 0319V	EUR	6,9450	6,9450	6,9450				6,9450				
Certificate	DE000CP06WJ1	DSM 70TL OPENC	EUR	0,7300	0,7300	0,7300				0,7300				
Certificate	DE000CP06ZN6	DSM 70TL OPENC	EUR	0,9300	0,9300	0,9300				0,9300				
Certificate	DE000CV51WA8	DSM 70TL OPENC	EUR	10,9800	10,9800	10,9800				10,9800				
Certificate	DE000CV51US4	DSM 70TL OPENC	EUR	8,2800	8,2800	8,2800				8,2800				
Certificate	NL0012494553	DSM 718OC1218B	EUR	70,3200	70,4700	70,3200				70,4700				
Certificate	DE000VA71T06	DSM 72TL 0319V	EUR	5,1190	5,1190	5,1190				5,1190				
Certificate	DE000VA8FUP0	DSM 72TL 1218V	EUR	5,0090	5,0090	5,0090				5,0090				
Certificate	DE000VA71L38	DSM 74TL 0319V	EUR											
Certificate	DE000VA71T29	DSM 74TL 1218V	EUR											
Certificate	DE000CV52BC6	DSM 75TL OPENC	EUR	6,2500	6,2500	6,2500				6,2500				
Certificate	DE000CV528T9	DSM 75TL OPENC	EUR											
Certificate	DE000CP06776	DSM 75TL 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	DE000CQ582F5	DSM 75TL OPENC	EUR											
Certificate	DE000CP069F4	DSM 75TL OPENC	EUR											
Certificate	DE000CP06WK9	DSM 75TL OPENC	EUR											
Certificate	DE000CP06ZP1	DSM 75TL OPENC	EUR											
Certificate	DE000VA77E31	DSM 76TL 0319V	EUR											
Certificate	DE000VA32X18	DSM 76TL 1218V	EUR											
Certificate	DE000VA71L53	DSM 78TL 0319V	EUR											
Certificate	DE000VA71L12	DSM 78TL 1218V	EUR											
Certificate	DE000VA8FUK1	DSM 78TS 0319V	EUR	2,6570	2,6570	2,6570			2,6570					
Certificate	DE000VA8FUT2	DSM 78TS 1218V	EUR	2,5690	2,5690	2,5690			2,5690					
Certificate	DE000VA71X91	DSM 80TL 0319V	EUR											
Certificate	DE000VA71X83	DSM 80TL 1218V	EUR											
Certificate	DE000VA8FUM7	DSM 80TS 0319V	EUR	4,5110	4,5110	4,5110				4,5110				
Certificate	DE000VA8FUV8	DSM 80TS 1218V	EUR	4,4160	4,4160	4,4160				4,4160				
Certificate	DE000VA710R2	DSM 82TS 0319V	EUR	6,3650	6,3650	6,3650				6,3650				
Certificate	DE000VA8FR49	DSM 82TS 1218V	EUR	6,2550	6,2550	6,2550				6,2550				
Certificate	DE000VA32O88	DSM 84TL 1218V	EUR											
Certificate	DE000VA710S0	DSM 84TS 0319V	EUR	8,2050	8,2050	8,2050				8,2050				
Certificate	DE000VA710T8	DSM 84TS 1218V	EUR	8,0950	8,0950	8,0950				8,0950				
Certificate	DE000CQ58E39	DSM 85TL OPENC	EUR											
Certificate	DE000CQ58FB1	DSM 85TL OPENC	EUR											
Certificate	DE000CP06WL7	DSM 85TS OPENC	EUR	1,0100	1,0100	1,0100				1,0100				
Certificate	DE000CP06TV2	DSM 85TS OPENC	EUR	10,0700	10,0700	10,0700				10,0700				
Certificate	DE000CP06ZQ9	DSM 85TS OPENC	EUR	1,2700	1,2700	1,2700				1,2700				
Certificate	DE000VA77E23	DSM 86TS 0319V	EUR	10,1350	10,1350	10,1350				10,1350				
Certificate	DE000VA77E49	DSM 86TS 1218V	EUR	10,0750	10,0750	10,0750				10,0750				
Certificate	DE000VA77DU9	DSM 88TS 0319V	EUR	12,1350	12,1350	12,1350				12,1350				
Certificate	DE000VA77DV7	DSM 88TS 1218V	EUR	12,0750	12,0750	12,0750				12,0750				
Certificate	DE000VA77BD9	DSM 90TS 0319V	EUR	14,1450	14,1450	14,1450				14,1450				
Certificate	DE000VA77BG2	DSM 90TS 1218V	EUR	14,0750	14,0750	14,0750				14,0750				
Certificate	DE000CP06WM5	DSM 90TS OPENC	EUR	1,5100	1,5100	1,5100				1,5100				
Certificate	DE000CP06Z77	DSM 90TS OPENC	EUR	1,7900	1,7900	1,7900				1,7900				
Certificate	DE000CP06TW0	DSM 90TS OPENC	EUR	15,0700	15,0700	15,0700				15,0700				
Certificate	NL0012649040	DSM 91BOC1218Z	EUR	79,9150	83,4150	79,9150				83,4150				
Certificate	DE000VA7PWQ5	DSM 92TS 0319V	EUR	16,1450	16,1450	16,1450				16,1450				
Certificate	DE000VA7PW19	DSM 92TS 1218V	EUR	16,0750	16,0750	16,0750				16,0750				
Certificate	NL0012795249	DSM 94BOC1218Z	EUR	73,0400	75,7000	73,0400				75,7000				
Certificate	DE000VA7PVE3	DSM 94TS 0319V	EUR	18,1550	18,1550	18,1550				18,1550				
Certificate	DE000VA32YF2	DSM 94TS 1218V	EUR	18,0750	18,0750	18,0750				18,0750				
Certificate	NL0012987267	DSM 96BOC0619B	EUR	76,2500	76,2500	76,2500				76,2500				
Certificate	DE000VA64074	DSM 96TS 0319V	EUR	20,1550	20,1550	20,1550				20,1550				
Certificate	DE000VA323C8	DSM 96TS 1218V	EUR	20,0750	20,0750	20,0750				20,0750				
Certificate	DE000VA64090	DSM 98TS 0319V	EUR	22,1550	22,1550	22,1550				22,1550				
Certificate	DE000VA4RMN6	DSM 98TS 1218V	EUR	22,0750	22,0750	22,0750				22,0750				
Certificate	DE000VA64058	DSM 100TS 0319V	EUR	24,1650	24,1650	24,1650				24,1650				
Certificate	DE000VA4RQB2	DSM 100TS 1218V	EUR	24,0850	24,0850	24,0850				24,0850				
Certificate	DE000CV529W1	DSM 100TS OPENC	EUR	21,4500	21,4500	21,4500				21,4500				
Certificate	DE000CP06WN3	DSM 100TS OPENC	EUR	2,5100	2,5100	2,5100				2,5100				
Certificate	DE000CP06Z55	DSM 100TS OPENC	EUR	2,8300	2,8300	2,8300				2,8300				
Certificate	DE000CP06OD8	DSM 100TS OPENC	EUR	24,8600	24,8600	24,8600				24,8600				
Certificate	DE000CV52BD4	DSM 100TS OPENC	EUR	25,5300	25,5300	25,5300				25,5300				
Certificate	DE000CP06458	DSM 100TS OPENC	EUR	28,0300	28,0300	28,0300				28,0300				
Certificate	DE000VA64066	DSM 102TS 0319V	EUR	26,1650	26,1650	26,1650				26,1650				
Certificate	DE000CQ58E47	DSM 110TS OPENC	EUR	33,5700	33,5700	33,5700				33,5700				
Certificate	DE000CQ58FC9	DSM 110TS OPENC	EUR	37,1000	37,1000	37,1000				37,1000				
Certificate	NL0012605604	DSM 109.TS OPENH	EUR	43,6400	43,6400	41,5700				41,5700				
Certificate	NL0009258938	DSM 17.5TL OPENB	EUR	59,9350	59,9350	59,9350				59,9350				
Certificate	NL0009459874	DSM 19.9TL OPENB	EUR	57,7450	57,7450	57,7450				57,7450				
Certificate	NL0010010534	DSM 23.2TL OPENB	EUR	54,7050	54,7050	54,7050				54,7050				
Certificate	NL0010175147	DSM 29.8TL OPENB	EUR	48,5050	48,5050	48,5050				48,5050				
Certificate	NL0010252292	DSM 33.1TL OPENB	EUR	45,4550	45,4550	45,4550				45,4550				
Certificate	NL0011721105	DSM 38.7TL OPENH	EUR	38,0800	40,1800	38,0800				40,1800				
Certificate	NL0011656830	DSM 40.9TL OPENB	EUR	38,1750	38,1750	38,1750				38,1750				
Certificate	NL0011713664	DSM 42.4TL OPENH	EUR	34,6300	36,7300	34,6300				36,7300				
Certificate	NL0011799317	DSM 43.6TL OPENB	EUR	35,7350	35,7350	35,7350				35,7350				
Certificate	NL0011721097	DSM 43.9TL OPENH	EUR	33,2300	35,3400	33,2300				35,3400				
Certificate	NL0011818463	DSM 46.2TL OPENB	EUR	33,3050	33,3050	33,3050				33,3050				
Certificate	NL0011906433	DSM 48.7TL OPENB	EUR	30,9250	30,9250	30,9250				30,9250				
Certificate	NL0011908629	DSM 51.4TL OPENB	EUR	26,1000	28,4350	26,0750	3654,0000	1		28,4350	140			
Certificate	DE000CJ3N226	DSM 51.7TL OPENZ	EUR	4,4300	4,9350	4,4300				4,9350				
Certificate	NL0012110787	DSM 56.5TL OPENB	EUR	23,6650	23,6650	23,6650				23,6650				
Certificate	NL0012120679	DSM 59.1TL OPENB	EUR	21,2950	21,2950	21,2950				21,2950				



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	NL0012495899	DSM 64.2TL OPENB	EUR	16,0500	16,5350	16,0500	802,5000	1	16,5350	50				
Certificate	NL0012499008	DSM 66.7TL OPENB	EUR	14,2050	14,2050	14,2050			14,2050					
Certificate	NL0012502611	DSM 69.3TL OPENB	EUR	11,7950	11,7950	11,7950			11,7950					
Certificate	DE000CE6FE22	DSM 71.7TL OPENZ	EUR	0,4800	0,9750	0,4800	590,0000	2	0,9750	1050				
Certificate	NL0012507982	DSM 71.8TL OPENB	EUR	8,4300	9,4750	8,4150	3539,8900	4	9,4750	395				
Certificate	DE000CJ3N2Q5	DSM 72.5TL 1218Z	EUR	0,3450	0,8550	0,3450			0,8550					
Certificate	NL0012511182	DSM 74.4TL OPENB	EUR											
Certificate	NL0012778252	DSM 76.8TL OPENB	EUR											
Certificate	DE000V176E62	DSM 77.2TL OPENV	EUR											
Certificate	NL0013012172	DSM 79.3TL OPENB	EUR											
Certificate	NL0013014210	DSM 81.8TS OPENB	EUR	12,2450	12,2450	12,2450			12,2450					
Certificate	NL0013007958	DSM 86.8TS OPENB	EUR	17,6850	17,6850	17,6850			17,6850					
Certificate	DE000CJ3N203	DSM 90.2TS OPENZ	EUR	3,3600	3,3600	2,8650			2,8650					
Certificate	NL0013005572	DSM 91.8TS OPENB	EUR	23,0650	23,0650	23,0650			23,0650					
Certificate	NL0012793020	DSM 92.68OC1218B	EUR	75,7500	75,7500	75,7500			75,7500					
Certificate	NL0012933238	DSM 95.3TS OPENH	EUR	28,8000	28,8000	26,7300			26,7300					
Certificate	NL0012508733	DSM 96.7TS OPENB	EUR	28,3650	28,3650	28,3650			28,3650					
Certificate	DE000VA1GMQ8	DSM 97.3TS OPENV	EUR	17,9950	17,9950	17,9950			17,9950					
Certificate	NL0013003239	DSM 98.88OC0919B	EUR	73,6500	73,6500	73,6500			73,6500					
Certificate	DE000VA1GMR6	DSM 99.3TS OPENV	EUR	19,9650	19,9650	19,9650			19,9650					
Certificate	NL0012547087	DSM 100.2TS OPENH	EUR	34,1400	34,1400	32,0700			32,0700					
Certificate	DE000CV87SL3	DSM 100.2TS OPENZ	EUR	5,3500	5,3500	4,8450			4,8450					
Certificate	DE000VAGEFY0	DSM 100.3TS OPENV	EUR	23,9950	23,9950	23,9950			23,9950					
Certificate	NL0012555791	DSM 100.6TS OPENH	EUR	34,4800	34,4800	32,4100			32,4100					
Certificate	DE000VAGEF38	DSM 101.3TS OPENV	EUR	24,9950	24,9950	24,9950			24,9950					
Certificate	NL0012791040	DSM 101.6TS OPENB	EUR	33,6550	33,6550	33,6550			33,6550					
Certificate	DE000VAGEF87	DSM 102.3TS OPENV	EUR	25,9950	25,9950	25,9950			25,9950					
Certificate	DE000VAGTY87	DSM 105.3TS OPENV	EUR	28,9850	28,9850	28,9850			28,9850					
Certificate	DE000VA4YW50	DSM 105.4TS OPENV	EUR	27,9650	27,9650	27,9650			27,9650					
Certificate	NL0012938260	DSM 108.4TS OPENH	EUR	42,9500	42,9500	40,8800			40,8800					
Certificate	NL0012901664	DSM 108.8TS OPENH	EUR	43,3500	43,3500	41,2800			41,2800					
Certificate	NL0012615520	DSM 109.3TS OPENH	EUR	43,9400	43,9400	41,8200			41,8200					
Certificate	DE000CV88WR0	DSM 110.2TS OPENZ	EUR	7,3400	7,3400	6,8300			6,8300					
Certificate	NL0012892392	DSM 120.5TS OPENH	EUR	56,1000	56,1000	53,9200			53,9200					
Certificate	NL0012903884	DSM 120.8TS OPENH	EUR	56,3400	56,3400	54,2700			54,2700					
Certificate	DE000CG2PNX8	DSM 17.44TL OPENC	EUR	64,6600	64,6600	64,6600			64,6600					
Certificate	NL0011039391	DSM 32.64TL OPENH	EUR	43,7700	45,8200	43,7700			45,8200					
Certificate	NL0011040142	DSM 34.76TL OPENH	EUR	41,7900	43,8500	41,7900			43,8500					
Certificate	NL0011655634	DSM 40.99BL OPENB	EUR	35,7350	35,7350	35,7350			35,7350					
Certificate	NL0011721089	DSM 44.94TL OPENH	EUR	32,3200	34,3700	32,3200			34,3700					
Certificate	DE000CN6L4J7	DSM 46.53TL OPENZ	EUR	28,5450	31,1000	28,5450			31,1000					
Certificate	NL0011895842	DSM 47.85TL OPENH	EUR	29,5500	31,6500	29,5500			31,6500					
Certificate	NL0011893623	DSM 48.02TL OPENH	EUR	29,3900	31,5000	29,3900			31,5000					
Certificate	NL0011907449	DSM 51.62BL OPENB	EUR	25,1000	25,1000	24,6900	372950,0000	6	25,0950	15000				
Certificate	NL0011927769	DSM 51.98TL OPENH	EUR	25,7100	27,8100	25,7100			27,8100					
Certificate	DE000VN6Y0H4	DSM 53.62TL OPENV	EUR	24,7150	24,7150	24,7150			24,7150					
Certificate	DE000CE6BDL7	DSM 53.69TL OPENZ	EUR	4,3200	4,8250	4,3200			4,8250					
Certificate	NL0012106058	DSM 55.81BL OPENB	EUR	20,9350	20,9350	20,9350			20,9350					
Certificate	NL0012057491	DSM 56.04TL OPENH	EUR	21,9800	24,0300	21,9800			24,0300					
Certificate	NL0012093751	DSM 56.09TL OPENH	EUR	21,9300	23,9800	21,9300			23,9800					
Certificate	LU1477374323	DSM 56.75TCIOPENS	EUR	20,9600	20,9600	20,9600			20,9600					
Certificate	NL0012121073	DSM 59.96BL OPENB	EUR	16,7600	16,7750	15,8950	1633,5000	2	16,7750	100				
Certificate	NL0012208359	DSM 60.06TL OPENH	EUR	18,2300	20,2800	18,2300	4692,5000	2	20,2800	250				
Certificate	DE000CE6C8Q3	DSM 61.76TL OPENZ	EUR	2,4400	2,9350	2,4400			2,9350					
Certificate	DE000CE6EUM3	DSM 61.89TL OPENZ	EUR	2,7300	3,2350	2,7300			3,2350					
Certificate	DE000VL2FSR0	DSM 62.71TL OPENV	EUR	14,4750	14,4750	14,4750			14,4750					
Certificate	NL0012494215	DSM 64.08BL OPENB	EUR	12,6550	12,6550	12,6550			12,6550					
Certificate	DE000VL2FT57	DSM 64.77TL OPENV	EUR	12,4350	12,4350	12,4350			12,4350					
Certificate	LU1612176625	DSM 66.11TCIOPENS	EUR	10,4500	10,7500	10,4500	52,2500	1	10,7500	5				
Certificate	NL0012520407	DSM 66.11TL OPENH	EUR	12,6000	14,6600	12,6000			14,6600					
Certificate	NL0012497416	DSM 66.13BL OPENB	EUR	10,6050	10,6050	10,6050			10,6050					
Certificate	DE000CE6EYM5	DSM 66.72TL OPENZ	EUR	1,4600	1,9650	1,4600			1,9650					
Certificate	DE000VL37FC5	DSM 66.73TL OPENV	EUR	13,6950	13,6950	13,6950			13,6950					
Certificate	DE000VL2FV87	DSM 66.79TL OPENV	EUR											
Certificate	NL0012499990	DSM 68.18BL OPENB	EUR	8,5550	8,5550	8,5550			8,5550					
Certificate	DE000VL37FD3	DSM 68.73TL OPENV	EUR	11,7550	11,7550	11,7550			11,7550					
Certificate	DE000VL2FXP4	DSM 68.88TL OPENV	EUR	8,3750	8,3750	8,3750			8,3750					
Certificate	NL0012526537	DSM 69.26TL OPENH	EUR	9,6700	11,7300	9,6700			11,7300					
Certificate	NL0012502710	DSM 70.23BL OPENB	EUR	6,5050	6,5050	6,5050			6,5050					
Certificate	DE000VL37FE1	DSM 70.73TL OPENV	EUR	9,8250	9,8250	9,8250			9,8250					
Certificate	DE000VL2FXR0	DSM 70.88TL OPENV	EUR	6,3450	6,3450	6,3450			6,3450					
Certificate	DE000CE6FQES	DSM 71.12TL OPENZ	EUR	0,9300	1,4450	0,9300	35,0000	1	1,4450	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
Certificate	LU1859832344	DSM 71.22TCIOPENS	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	NL0012507776	DSM 72.27BL OPENB	EUR	4,2500	4,4750	3,9950	3651,9500	4	4,4750	869				
Certificate	DE000VL37FF8	DSM 72.73TL OPENV	EUR	7,8850	7,8850	7,8850			7,8850					
Certificate	DE000VL37FG6	DSM 72.88TL OPENV	EUR	4,1410	4,3180	4,1410	538,3300	1	4,3180	130				
Certificate	NL0012538086	DSM 73.31TL OPENH	EUR	5,9100	7,9600	5,9100			7,9600					
Certificate	LU1840981051	DSM 74.15TCIOPENS	EUR											
Certificate	NL0012511216	DSM 74.31BL OPENB	EUR											
Certificate	DE000VL5RUU8	DSM 74.73TL OPENV	EUR											
Certificate	DE000VL5RUV6	DSM 74.93TL OPENV	EUR											
Certificate	DE000VA715Q0	DSM 75.32TL OPENV	EUR											
Certificate	NL0012511497	DSM 76.35BL OPENB	EUR											
Certificate	LU1650876581	DSM 76.54TCIOPENS	EUR											
Certificate	DE000CV50939	DSM 76.65TL OPENZ	EUR											
Certificate	DE000VL5RXCO	DSM 76.77TL OPENV	EUR											
Certificate	NL0012600019	DSM 76.96TL OPENH	EUR											
Certificate	DE000VA715S6	DSM 77.32TL OPENV	EUR											
Certificate	DE000VA8FW75	DSM 78.11TS OPENV	EUR	2,2720	2,2720	2,2720			2,2720					
Certificate	DE000VA715U2	DSM 78.32TL OPENV	EUR											
Certificate	NL0013011992	DSM 78.34BL OPENB	EUR											
Certificate	NL0013014970	DSM 78.72BS OPENB	EUR	3,6900	3,6900	3,0550	1157,7000	2	3,0550	340				
Certificate	LU1859830645	DSM 78.85TCIOPENS	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	DE000VA8FW83	DSM 79.11TS OPENV	EUR	3,1640	3,1640	3,1640			3,1640					
Certificate	DE000VA71W01	DSM 79.32TL OPENV	EUR											
Certificate	NL0013087331	DSM 80.04TS OPENH	EUR	12,4600	12,4600	10,4000			10,4000					
Certificate	DE000VA8FW91	DSM 80.11TS OPENV	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	DE000VA71Z81	DSM 80.32TL OPENV	EUR											
Certificate	DE000VA8FTV0	DSM 81.11TS OPENV	EUR	5,0540	5,0540	5,0540			5,0540					
Certificate	DE000VA71Z99	DSM 81.32TL OPENV	EUR											
Certificate	LU1859714229	DSM 81.53TCIOPENS	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	NL0013014400	DSM 81.71BS OPENB	EUR	6,0450	6,0450	6,0450			6,0450					
Certificate	DE000VA71079	DSM 82.13TS OPENV	EUR	6,0550	6,0550	6,0550			6,0550					
Certificate	DE000VA71087	DSM 83.13TS OPENV	EUR	7,0550	7,0550	7,0550			7,0550					
Certificate	NL0013080047	DSM 84.04TS OPENH	EUR											
Certificate	DE000VA711A6	DSM 84.13TS OPENV	EUR	8,0550	8,0550	8,0550			8,0550					
Certificate	LU1859714492	DSM 84.16TCIOPENS	EUR	8,4200	8,4200	8,4200			8,4200					
Certificate	DE000VA3TKK7	DSM 84.62TL OPENV	EUR											
Certificate	NL0013008980	DSM 84.71BS OPENB	EUR	9,0350	9,0350	9,0350			9,0350					
Certificate	DE000VA7TFU4	DSM 85.17TS OPENV	EUR	9,0450	9,0450	9,0450			9,0450					
Certificate	DE000VA7TFV2	DSM 86.17TS OPENV	EUR	10,0450	10,0450	10,0450			10,0450					
Certificate	DE000VA7TFW0	DSM 87.17TS OPENV	EUR	11,0450	11,0450	11,0450			11,0450					
Certificate	NL0013007701	DSM 87.69BS OPENB	EUR	12,0250	12,0250	12,0250			12,0250					
Certificate	NL0013079312	DSM 88.04TS OPENH	EUR	21,0200	21,0200	18,9500			18,9500					
Certificate	DE000VA7TEJ0	DSM 88.17TS OPENV	EUR	12,0350	12,0350	12,0350			12,0350					
Certificate	DE000VA7TDC7	DSM 89.17TS OPENV	EUR	13,0350	13,0350	13,0350			13,0350					
Certificate	DE000VA7TAK6	DSM 90.17TS OPENV	EUR	14,0250	14,0250	14,0250			14,0250					
Certificate	LU1840912247	DSM 90.39TCIOPENS	EUR	14,5300	14,5300	14,5300			14,5300					
Certificate	NL0013005176	DSM 90.68BS OPENB	EUR	15,0150	15,0150	15,0150			15,0150					
Certificate	DE000VA7TAL4	DSM 91.17TS OPENV	EUR	15,0250	15,0250	15,0250			15,0250					
Certificate	DE000VA7TAM2	DSM 92.17TS OPENV	EUR	16,0250	16,0250	16,0250			16,0250					
Certificate	DE000VA7PV34	DSM 93.17TS OPENV	EUR	17,0050	17,0050	17,0050			17,0050					
Certificate	NL0012790687	DSM 93.65BS OPENB	EUR	17,9850	17,9850	17,9850			17,9850					
Certificate	LU1790492950	DSM 96.25TCIOPENS	EUR	18,9800	18,9800	18,9800			18,9800					
Certificate	NL0012970461	DSM 96.64BS OPENB	EUR	20,9650	20,9650	20,9650			20,9650					
Certificate	NL0012580773	DSM 96.75TS OPENH	EUR	30,3800	30,3800	28,3100			28,3100					
Certificate	DE000VA6EGF7	DSM 99.27TS OPENV	EUR	22,9950	22,9950	22,9950			22,9950					
Certificate	NL0013000474	DSM 99.64BS OPENB	EUR	23,9650	23,9650	23,9650			23,9650					
Certificate	DE000VA15PC3	DSM 99.83TS OPENV	EUR	21,9650	21,9650	21,9650			21,9650					
Certificate	NL0012686604	DTELK 12TL OPENB	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000CX59CY5	DTELK 12TL OPENC	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CX0K4E4	DTELK 12TL OPENC	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	DE000CX0HAE5	DTELK 20TS OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CX0H922	DTELK 20TS OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0010114997	DTELK 4.6TL OPENB	EUR	10,2200	10,2200	10,2200			10,2200					
Certificate	NL0010894572	DTELK 7.3TL OPENB	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	NL0010894580	DTELK 8.5TL OPENB	EUR	6,7800	6,7800	6,6000			6,6000					
Certificate	DE000CR9P2U2	DTELK 12.1TL OPENZ	EUR	2,3900	2,3900	2,3100			2,3100					
Certificate	NL0012781629	DTELK 12.8TL OPENB	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	NL0013007842	DTELK 13.5TL OPENB	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0012275341	DTELK 15.6TS OPENB	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	NL0013002967	DTELK 17.1TS OPENB	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	NL0011054317	DTELK 9.61TL OPENH	EUR	5,4200	5,4200	5,4200			5,4200					
Certificate	DE000CR9RQP5	DTELK10.59TL OPENZ	EUR	3,8900	3,8900	3,8100			3,8100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011054309	DTELK11.73TL OPENH	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	DE000CV89YZ7	DTELK13.09TL OPENZ	EUR	1,4000	1,4000	1,3300			1,3300					
Certificate	NL0012938278	DTELK14.55TS OPENH	EUR											
Certificate	NL0012578819	DTELK15.25TS OPENH	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	NL0012531081	DTELK16.03TS OPENH	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	NL0012054993	DTELK16.84TS OPENH	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0011054259	DTELK17.21TS OPENH	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	NL0012245393	DTELK18.18TS OPENH	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	NL0012245153	DTELK20.12TS OPENH	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	NL0011054242	DTELK20.89TS OPENH	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	DE000CV89YY0	DTELK8.578TL OPENZ	EUR	5,9000	5,9000	5,8200			5,8200					
Certificate	NL0006471971	DXBRC 61TL OPENB	EUR	36,4800	36,4800	36,4800			36,4800					
Certificate	NL0009070507	DXBRC 180TL OPENB	EUR	25,4100	25,4100	25,4100			25,4100					
Certificate	NL0009072156	DXBRC 219TL OPENB	EUR	21,8400	21,8400	21,8400			21,8400					
Certificate	DE000CV50YT6	EBAY 25TL OPENC	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	DE000CV50VZ9	EBAY 25TL OPENC	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	DE000CV8ACN2	EBAY 26TL 1218Z	EUR	0,3050	0,4050	0,3050			0,4050					
Certificate	DE000CV8ACP7	EBAY 29TL 1218Z	EUR											
Certificate	DE000CP07B01	EBAY 30TL OPENC	EUR											
Certificate	DE000CP06UH9	EBAY 30TL OPENC	EUR											
Certificate	DE000CV50YU4	EBAY 30TL OPENC	EUR											
Certificate	DE000CV52EA4	EBAY 35TL OPENC	EUR											
Certificate	DE000CV52FP9	EBAY 35TL OPENC	EUR											
Certificate	DE000CV52N00	EBAY 35TL OPENC	EUR											
Certificate	DE000CP067Z6	EBAY 35TS OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CV52JL0	EBAY 36TL OPENC	EUR											
Certificate	DE000CP067C5	EBAY 36TS OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CV525H0	EBAY 38TS OPENC	EUR											
Certificate	DE000CQ58TT4	EBAY 40TS OPENC	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CQ58HX1	EBAY 40TS OPENC	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CQ5A8V0	EBAY 45TS OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CQ5A602	EBAY 45TS OPENC	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CQ5A1H4	EBAY 48TS OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CV52RM1	EBAY 50TS OPENC	EUR											
Certificate	DE000CV52RN9	EBAY 52TS OPENC	EUR											
Certificate	NL0009796358	EBAY 32.1TL OPENB	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	NL0010117917	EBAY 41.7TL OPENB	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	NL0010132791	EBAY 51.8TL OPENB	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	DE000CJ3PG61	EBAY 17.11TL OPENZ	EUR	1,8150	1,9250	1,8150			1,9250					
Certificate	DE000CV89U35	EBAY 22.61TL OPENZ	EUR	0,8550	0,9650	0,8550			0,9650					
Certificate	DE000CJ3PE97	EBAY 24.99TL OPENZ	EUR	0,4450	0,5550	0,4450			0,5550					
Certificate	DE000CV89X08	EBAY 27.51TL OPENZ	EUR											
Certificate	DE000CV89WZ1	EBAY 30.51TL OPENZ	EUR											
Certificate	NL0000116796	EBR6M STN0335N	EUR	117,7500	117,7500	117,5000	36480,0000	2	117,5000	31000				
Certificate	NL0000116994	EBR6M STN0520N	EUR											
Certificate	NL0000117216	EBR6M STN0620N	EUR											
Certificate	NL0000117547	EBR6M STN1020N	EUR											
Certificate	NL0000168789	EBRSP 0%DSP1121N	EUR	107,8200	107,8200	107,8200	26955,0000	1	107,8200	25000				
Certificate	DE000CV8A088	ECONB 1.53TL OPENZ	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	DE000CV89V59	ECONB 1.76TL OPENZ	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	DE000CV89V67	ECONB 1.99TL OPENZ	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	DE000CV89V75	ECONB 2.22TL OPENZ	EUR	0,0840	0,0840	0,0840			0,0840					
Certificate	DE000CJ3NKJ3	ECONB 2.43TL OPENZ	EUR											
Certificate	DE000CJ3PFK6	ECONB 2.63TL OPENZ	EUR											
Certificate	DE000CV8B3Y1	ECONB 2.94TL OPENZ	EUR											
Certificate	NL0012268528	EDF 8.2TL OPENB	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	NL0012494033	EDF 9.3TL OPENB	EUR	6,0500	6,0500	6,0500			6,0500					
Certificate	NL0012974067	EDF 11.4TL OPENB	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0012987044	EDF 12.5TL OPENB	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0012992564	EDF 13.6TL OPENB	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	NL0013014467	EDF 14.6TL OPENB	EUR											
Certificate	NL0012993521	EDF 16.9TS OPENB	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0012997845	EDF 18.9TS OPENB	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	DE000CV8ANT6	EDF 11.99TL OPENZ	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CV50913	EDF 8.003TL OPENZ	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CV87Y33	EDF 9.999TL OPENZ	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	NL0000290393	EGYPTE CT OPENN	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	DE000CNG6659	EIFAG56.91TL OPENZ	EUR	1,3950	1,4750	1,3950			1,4750					
Certificate	DE000CD648U8	EIFAG63.89TL OPENZ	EUR	1,0450	1,1250	1,0450			1,1250					
Certificate	DE000CE6CHT9	EIFAG71.82TL OPENZ	EUR	0,6550	0,7250	0,6550			0,7250					
Certificate	DE000CE6ECA6	EIFAG80.76TL OPENZ	EUR	0,2150	0,2850	0,2150			0,2850					
Certificate	DE000CV50YM1	ELECT 90TL OPENC	EUR	0,8000	0,8500	0,7800	24,0000	1	0,8500	30				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV50VU0	ELECT 90TL OPENC	EUR											
Certificate	DE000CV52FM6	ELECT 100TL OPENC	EUR											
Certificate	DE000CV52JK2	ELECT 105TL OPENC	EUR											
Certificate	DE000CQ5A8T4	ELECT 140TS OPENC	EUR											
Certificate	DE000CQ58TQ0	ELECT 140TS OPENC	EUR	3,7200	3,7200	3,7200				3,7200				
Certificate	DE000CQ58TR8	ELECT 150TS OPENC	EUR	4,5900	4,5900	4,5900				4,5900				
Certificate	DE000CQ58A33	ELECT 160TS OPENC	EUR											
Certificate	DE000CV8AF77	ELECT101.5TL OPENZ	EUR											
Certificate	DE000CJ3PG79	ELECT66.34TL OPENZ	EUR	1,3650	1,4050	1,3650				1,4050				
Certificate	DE000CV887G9	ELECT81.35TL OPENZ	EUR	0,7150	0,7550	0,7150				0,7550				
Certificate	DE000CR9Q914	ELIAS 30.9TL OPENZ	EUR	1,2950	1,2950	1,2950				1,2950				
Certificate	DE000CR9Q922	ELIAS33.95TL OPENZ	EUR	1,1550	1,1550	1,1550				1,1550				
Certificate	DE000CR9Q930	ELIAS36.91TL OPENZ	EUR	1,0150	1,0150	1,0150				1,0150				
Certificate	DE000CR9SF25	ELIAS40.08TL OPENZ	EUR	0,8750	0,8750	0,8750				0,8750				
Certificate	DE000CN6K6T2	ELIAS43.76TL OPENZ	EUR	0,6950	0,6950	0,6950				0,6950				
Certificate	DE000CV87M29	ELIAS48.01TL OPENZ	EUR	0,5050	0,5050	0,5050				0,5050				
Certificate	DE000CV898D3	ELIAS52.28TL OPENZ	EUR	0,3050	0,3050	0,3050				0,3050				
Certificate	DE000CV89EN5	ELUXB 141.TL OPENZ	EUR	0,3050	0,3050	0,3050				0,3050				
Certificate	DE000CV8BDG2	ELUXB120.9TL OPENZ	EUR	0,4950	0,4950	0,4950				0,4950				
Certificate	DE000CV88MG4	ELUXB161.2TL OPENZ	EUR	0,1150	0,1150	0,1150				0,1150				
Certificate	DE000CV8AUF0	ENEL 2.915TL OPENZ	EUR	1,4300	1,5300	1,4300				1,5300				
Certificate	DE000CE6CB02	ENEL 3.419TL OPENZ	EUR	0,9300	1,0300	0,9300				1,0300				
Certificate	DE000CE6CC19	ENEL 3.917TL OPENZ	EUR	0,4400	0,5400	0,4400				0,5400				
Certificate	NL0010254967	ENGIE 8TL OPENB	EUR	4,3800	4,3800	4,3800				4,3800				
Certificate	NL0010254223	ENGIE 4.7TL OPENB	EUR	7,3900	7,3900	7,3900				7,3900				
Certificate	NL0010115721	ENGIE 5.8TL OPENB	EUR	6,4300	6,4300	6,4300				6,4300				
Certificate	NL0009873744	ENGIE 8.1TL OPENB	EUR	4,3400	4,3400	4,3400				4,3400				
Certificate	NL0012109656	ENGIE 9.6TL OPENB	EUR	2,9300	2,9300	2,9300				2,9300				
Certificate	NL0012259568	ENGIE 11.2TL OPENB	EUR	1,4700	1,4700	1,4700				1,4700				
Certificate	NL0012994297	ENGIE 12.6TS OPENB	EUR	2,4000	2,4000	2,4000				2,4000				
Certificate	NL0012986749	ENGIE 13.6TS OPENB	EUR	3,5800	3,5800	3,5800				3,5800				
Certificate	NL0011888185	ENGIE 14.2TS OPENH	EUR	3,7300	3,7400	3,7300				3,7400				
Certificate	NL0012796601	ENGIE 14.3BOC1219Z	EUR	11,8500	11,9000	11,8500				11,9000				
Certificate	NL0011252085	ENGIE 15.7TS OPENB	EUR	5,8100	5,8100	5,8000				5,8000				
Certificate	NL0012933246	ENGIE 17.7TS OPENH	EUR	7,5100	7,5300	7,5100				7,5300				
Certificate	NL0011226360	ENGIE 7.42TL OPENH	EUR	4,7300	4,7300	4,7200				4,7200				
Certificate	NL0013000359	ENGIE 8.92BL OPENB	EUR	2,8450	2,8450	2,8450				2,8450				
Certificate	NL0011226352	ENGIE 9.53TL OPENH	EUR	2,7600	2,7600	2,7500				2,7500				
Certificate	NL0012093777	ENGIE 9.58TL OPENH	EUR	2,7200	2,7200	2,7100				2,7100				
Certificate	NL0012998520	ENGIE 9.92BL OPENB	EUR	1,8450	1,8450	1,8450				1,8450				
Certificate	DE000CE6BV74	ENGIE10.84TL OPENZ	EUR	0,7650	0,8200	0,7650				0,8200				
Certificate	NL0012998538	ENGIE10.92BL OPENB	EUR	0,8450	0,8450	0,8450				0,8450				
Certificate	NL0012201743	ENGIE11.06TL OPENH	EUR	1,3400	1,3400	1,3300				1,3300				
Certificate	NL0013085376	ENGIE11.58TL OPENH	EUR											
Certificate	NL0012998553	ENGIE13.08BS OPENB	EUR	1,5850	1,5850	1,5850				1,5850				
Certificate	NL0012894638	ENGIE13.11TS OPENH	EUR	2,5400	2,5600	2,5400				2,5600				
Certificate	NL0012938104	ENGIE13.21TS OPENH	EUR	2,6500	2,6700	2,6500				2,6700				
Certificate	DE000CV89K29	ENGIE14.09TS OPENZ	EUR	2,5650	2,5650	2,5000				2,5000				
Certificate	NL0011728704	ENGIE14.58TS OPENH	EUR	4,1300	4,1500	4,1300				4,1500				
Certificate	NL0012998561	ENGIE15.07BS OPENB	EUR	3,5750	3,5750	3,5750				3,5750				
Certificate	NL0011226311	ENGIE15.55TS OPENH	EUR	5,1800	5,2000	5,1800				5,2000				
Certificate	DE000CE6EQ23	ENGIE16.09TS OPENZ	EUR	4,5550	4,5550	4,4900				4,4900				
Certificate	DE000CJ3NP99	ENGIE7.339TL OPENZ	EUR	4,2450	4,3000	4,2450				4,3000				
Certificate	DE000CN6KX15	ENGIE8.842TL OPENZ	EUR	2,7450	2,8000	2,7450				2,8000				
Certificate	DE000CR9SK10	ENGIE9.846TL OPENZ	EUR	1,7450	1,8100	1,7400	261,0000	1	1,8100	150				
Certificate	DE000CJ3PHT3	ENI 9.82TL OPENZ	EUR	4,8700	4,8700	4,8700				4,8700				
Certificate	DE000CE6CB10	ENI 11.32TL OPENZ	EUR	3,3800	3,3800	3,3800				3,3800				
Certificate	DE000CV87FP1	ENI 12.32TL OPENZ	EUR	2,3900	2,3900	2,3900				2,3900				
Certificate	DE000CV88FQ7	ENI 14.31TL OPENZ	EUR	0,4300	0,4300	0,4300				0,4300				
Certificate	NL0012774012	EON 8TL OPENB	EUR	1,1650	1,1650	1,1650				1,1650				
Certificate	NL0011979281	EON 4.3TL OPENH	EUR	0,4500	0,4500	0,4500				0,4500				
Certificate	NL0011974951	EON 5.3TL OPENH	EUR	0,3600	0,3600	0,3600				0,3600				
Certificate	NL0011995386	EON 5.6TL OPENH	EUR	0,3300	0,3300	0,3300				0,3300				
Certificate	NL0012049308	EON 5.9TL OPENH	EUR	0,3000	0,3100	0,3000				0,3100				
Certificate	NL0012053359	EON 6.1TL OPENH	EUR	0,2900	0,2900	0,2900				0,2900				
Certificate	NL0011996061	EON 6.2TL OPENH	EUR											
Certificate	NL0012053854	EON 6.3TL OPENH	EUR	0,2700	0,2700	0,2700				0,2700				
Certificate	NL0012242614	EON 6.5TL OPENH	EUR	0,2400	0,2500	0,2400				0,2500				
Certificate	NL0012211981	EON 6.7TL OPENH	EUR	0,2300	0,2400	0,2300				0,2400				
Certificate	NL0012244933	EON 6.8TL OPENH	EUR	0,2200	0,2200	0,2200				0,2200				
Certificate	NL0012268510	EON 6.9TL OPENB	EUR	2,1150	2,1150	2,1150				2,1150				
Certificate	NL0012306823	EON 7.2TL OPENH	EUR	0,1800	0,1800	0,1800				0,1800				



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	NL0012308514	EON 7.5TL OPENH	EUR	0,1600	0,1600	0,1600			0,1600					
Certificate	NL0012310908	EON 7.6TL OPENH	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	NL0013007198	EON 7.8TL OPENB	EUR	1,3550	1,3550	1,3550			1,3550					
Certificate	NL0011733563	EON 7.8TL OPENH	EUR											
Certificate	NL0012591754	EON 7.9TL OPENH	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	NL0012591747	EON 8.1TL OPENH	EUR	0,1000	0,1000	0,1000			0,1000					
Certificate	NL0013079320	EON 8.7TS OPENH	EUR	0,0800	0,0800	0,0800			0,0800					
Certificate	NL0013007347	EON 8.9TS OPENB	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	NL0012897912	EON 9.1TS OPENH	EUR	0,1400	0,1400	0,1300			0,1300					
Certificate	NL0012894232	EON 9.4TS OPENH	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0012510408	EON 9.9TS OPENB	EUR	2,2750	2,2750	2,2750			2,2750					
Certificate	NL0012902282	EON 9.9TS OPENH	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	NL0012311567	EON 10.5TS OPENH	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	NL0012538680	EON 11.1TS OPENH	EUR	0,3500	0,3500	0,3400			0,3400					
Certificate	NL0012538375	EON 11.6TS OPENH	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	NL0012509228	EON 12.1TS OPENB	EUR	4,5850	4,5850	4,5850			4,5850					
Certificate	DE000CE6CX55	EON 6.061TL OPENZ	EUR	2,3750	2,4800	2,3750			2,4800					
Certificate	DE000CE6CXP4	EON 6.758TL OPENZ	EUR	1,6750	1,7800	1,6750			1,7800					
Certificate	DE000CE6DFJ2	EON 7.452TL OPENZ	EUR	0,9950	1,1000	0,9950			1,1000					
Certificate	DE000CV8AUP9	EQNR 167.8TL OPENZ	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CV8AUQ7	EQNR 188.9TL OPENZ	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CV88EJ4	EQNR 209.9TL OPENZ	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	NL0012932388	ERICS107.2TS OPENH	EUR	3,7200	3,8200	3,7200			3,8200					
Certificate	NL0012432082	ERICS23.71TL OPENH	EUR	5,6500	5,6500	5,5800			5,5800					
Certificate	NL0011660705	ERICS32.33TL OPENH	EUR	4,9000	4,9000	4,8200			4,8200					
Certificate	DE000CE6EHY5	ERICS37.54TL OPENZ	EUR	4,1700	4,1700	4,0150			4,0150					
Certificate	NL0011989363	ERICS39.58TL OPENH	EUR	4,2600	4,2600	4,1900			4,1900					
Certificate	NL0011989355	ERICS41.65TL OPENH	EUR	4,0800	4,0800	4,0100			4,0100					
Certificate	DE000CE6DZM4	ERICS42.61TL OPENZ	EUR	3,6800	3,6800	3,5250			3,5250					
Certificate	NL0012520415	ERICS43.92TL OPENH	EUR	3,8800	3,8800	3,8100			3,8100					
Certificate	NL0012540488	ERICS47.71TL OPENH	EUR	3,5500	3,5500	3,4700			3,4700					
Certificate	DE000CE6F5P8	ERICS48.61TL OPENZ	EUR	3,1100	3,1100	2,9450			2,9450					
Certificate	NL0012606214	ERICS50.69TL OPENH	EUR	3,2900	3,2900	3,2100			3,2100					
Certificate	DE000CV88G18	ERICS58.57TL OPENZ	EUR	2,1500	2,1500	1,9850			1,9850					
Certificate	NL0012608558	ERICS59.92TL OPENH	EUR	2,4800	2,4800	2,4000			2,4000					
Certificate	NL0012930747	ERICS67.94TL OPENH	EUR	1,7800	1,7800	1,7000			1,7000					
Certificate	DE000CV8A2V0	ERICS68.54TL OPENZ	EUR	1,2000	1,2000	1,0350	1566,0000	1	1,0350	1450				
Certificate	DE000CJ3PD49	ERICS77.53TL OPENZ	EUR	0,3500	0,3500	0,1950			0,1950					
Certificate	NL0012608541	ERICS94.43TS OPENH	EUR	2,3600	2,4500	2,3600			2,4500					
Certificate	DE000CE6CFW7	Esc1 LEVOPENZ	EUR	9,9350	10,0700	9,9350			10,0700					
Certificate	DE000CE6CFX5	Esc1 LEVOPENZ	EUR	11,6800	12,3200	11,6800			12,3200					
Certificate	DE000CE6CFY3	Esc1 LEVOPENZ	EUR	8,2300	9,0850	8,2300			9,0850					
Certificate	DE000CE6CFZ0	Esc1 SHROPENZ	EUR	3,6440	3,6440	3,4660			3,4660					
Certificate	DE000CE6CG07	Esc1 SHROPENZ	EUR	0,8890	0,8890	0,7960			0,7960					
Certificate	DE000CV4YYT2	ESILO103.9TL OPENZ	EUR	0,8250	0,8400	0,8250			0,8400					
Certificate	NL0012789853	ESILO112.4TL OPENB	EUR	16,2100	16,2100	16,2100			16,2100					
Certificate	NL0012696140	ESILO131.3TS OPENB	EUR	21,0800	21,0800	21,0800			21,0800					
Certificate	NL0012979348	ESILO141.4TS OPENB	EUR	32,0600	32,0600	32,0600			32,0600					
Certificate	NL0009865906	ESILO47.03TL OPENB	EUR	7,7050	7,7050	7,7050			7,7050					
Certificate	DE000CV50921	ESILO81.88TL OPENZ	EUR	1,9150	1,9300	1,9150			1,9300					
Certificate	NL0010913299	ESILO87.33TL OPENB	EUR	39,9800	39,9800	39,5800			39,5800					
Certificate	DE000CV4YXH9	ESILO91.92TL OPENZ	EUR	1,4150	1,4300	1,4150			1,4300					
Certificate	NL0012146039	ESTX DIS1218Z	EUR	31,0700	31,4500	31,0700			31,4500					
Certificate	NL0012146047	ESTX DIS1218Z	EUR	31,0800	31,4600	31,0800			31,4600					
Certificate	NL0012146021	ESTX DIS1218Z	EUR	30,6200	30,8600	30,6200			30,8600					
Certificate	XS0695424175	ESTX ILC1121G	EUR	134,9100	137,0600	134,9100			137,0600					
Certificate	FR0013090727	ESTX PI 0126M	EUR											
Certificate	FR0012239325	ESTX PI 1020M	EUR	102350,0000	102759,0000	102350,0000			102759,0000					
Certificate	DE0006075302	ESTX PI OPENN	EUR	28,6400	28,6400	28,6400			28,6400					
Certificate	DE0005437453	ESTX PI OPENN	EUR	31,1300	31,1300	31,1300			31,1300					
Certificate	CH0025954865	ESTX PI OPENU	EUR											
Certificate	XS1346712893	ESTX STN0119B	EUR	104,8000	105,0000	104,8000			105,0000					
Certificate	XS1237165821	ESTX STN0124K	EUR											
Certificate	XS1185155105	ESTX STN0220B	EUR	104,4000	104,4000	104,4000			104,4000					
Certificate	DE000UBS3VL8	ESTX STN0220U	EUR											
Certificate	XS1194403868	ESTX STN0320B	EUR	101,0000	103,7000	101,0000			103,7000					
Certificate	NL0011218649	ESTX STN0320V	EUR	108,1500	108,1500	108,1500			108,1500					
Certificate	XS1760093739	ESTX STN0323B	EUR	100,3000	100,3000	100,3000			100,3000					
Certificate	XS1561115541	ESTX STN0323H	EUR	100,4300	100,4300	100,4300			100,4300					
Certificate	NL0012249148	ESTX STN0323V	EUR											
Certificate	NL0011218706	ESTX STN0324V	EUR											
Certificate	DE000UBS5VL3	ESTX STN0421U	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	FR0013139227	ESTX STN0423K	EUR											
Certificate	XS1236606171	ESTX STN0520B	EUR											
Certificate	DE000UBS7VL9	ESTX STN0522U	EUR											
Certificate	NL0012247753	ESTX STN0522V	EUR	99,6000	99,6000	99,6000			99,6000					
Certificate	XS1193877286	ESTX STN0523K	EUR											
Certificate	XS1000998887	ESTX STN0620K	EUR											
Certificate	NL0011218862	ESTX STN0621V	EUR											
Certificate	XS1621351474	ESTX STN0622B	EUR											
Certificate	XS1778830262	ESTX STN0622B	EUR											
Certificate	NL0011218854	ESTX STN0622V	EUR											
Certificate	XS1832550534	ESTX STN0623B	EUR	91,9000	94,0000	91,9000	103395,0000	2	93,9000	110000				
Certificate	NL0011218847	ESTX STN0623V	EUR	98,9000	98,9000	98,9000			98,9000					
Certificate	XS1261825209	ESTX STN0720B	EUR	97,3000	97,3000	97,3000			97,3000					
Certificate	NL0012248066	ESTX STN0721V	EUR											
Certificate	XS1193715031	ESTX STN0722K	EUR											
Certificate	NL0011218045	ESTX STN0722V	EUR											
Certificate	XS1688382123	ESTX STN0920B	EUR	89,6000	91,3000	89,6000			91,3000					
Certificate	XS1289114990	ESTX STN0924K	EUR											
Certificate	NL0011218342	ESTX STN1019V	EUR											
Certificate	XS1120476467	ESTX STN1119B	EUR	104,2500	106,4500	104,2500			106,4500					
Certificate	XS1093363197	ESTX STN1119K	EUR											
Certificate	DE000UBS4VL6	ESTX STN1120U	EUR											
Certificate	NL0010871810	ESTX STN1120V	EUR											
Certificate	NL0011219324	ESTX STN1121V	EUR	97,6500	97,6500	97,5500			97,5500					
Certificate	DE000UBS9VL5	ESTX STN1122U	EUR											
Certificate	DE000UBS8VL7	ESTX STN1122U	EUR											
Certificate	XS0708791404	ESTX STN1218K	EUR											
Certificate	NL0012249643	ESTX 4STN0623V	EUR											
Certificate	NL0012249635	ESTX 9STN0523V	EUR											
Certificate	XS1573878474	ESTX 9STN0722H	EUR	97,3000	98,3300	97,3000	97300,0000	1	98,3300	100000				
Certificate	NL0012236400	ESTX 38BON0619Z	EUR	33,9400	34,4100	33,9400			34,4100					
Certificate	NL0012236384	ESTX 38BON1218Z	EUR	33,6200	34,4700	33,6200			34,4700					
Certificate	NL0012236129	ESTX 100TW1218Z	EUR	108,3300	109,1600	108,3300	8698,4000	1	109,1600	80				
Certificate	NL0006471989	ESTX 810TL OPENB	EUR	23,7650	23,7650	23,7650			23,7650					
Certificate	NL0006467466	ESTX 1020TL OPENB	EUR	21,7050	21,7050	21,7050			21,7050					
Certificate	NL0009069921	ESTX 1250TL OPENB	EUR	19,5050	19,5050	19,5050			19,5050					
Certificate	NL0009998277	ESTX 1580TL OPENB	EUR	16,2350	16,2350	16,2350			16,2350					
Certificate	NL0011595590	ESTX 1767TRLOPENH	EUR	13,9100	13,9100	13,9100			13,9100					
Certificate	NL0011596424	ESTX 1780TL OPENH	EUR	14,2600	14,2600	14,2600			14,2600					
Certificate	DE000CX00542	ESTX 1903TL OPENC	EUR	14,1900	14,1900	14,1900			14,1900					
Certificate	NL0010131686	ESTX 1930TL OPENB	EUR	12,8950	12,8950	12,8950			12,8950					
Certificate	DE000CN6JFW1	ESTX 1992TL OPENZ	EUR	11,5100	11,8950	11,5100			11,8950					
Certificate	NL0010134128	ESTX 2030TL OPENB	EUR	11,9050	11,9050	11,9050			11,9050					
Certificate	NL0011602073	ESTX 2040TL OPENH	EUR	11,7900	11,7900	11,7900			11,7900					
Certificate	NL0011600499	ESTX 2080TL OPENH	EUR	11,3700	11,3700	11,3700			11,3700					
Certificate	DE000CN6JQD8	ESTX 2099TL OPENZ	EUR	10,2000	10,5800	10,2000			10,5800					
Certificate	NL0010890109	ESTX 2110TL OPENB	EUR	11,1450	11,1450	11,1450			11,1450					
Certificate	NL0010253605	ESTX 2140TL OPENB	EUR	10,8050	10,8050	10,8050			10,8050					
Certificate	DE000CT9JA76	ESTX 2145TL OPENC	EUR	11,6400	11,6400	11,6400			11,6400					
Certificate	NL0011600812	ESTX 2149TRLOPENH	EUR	10,0800	10,0800	10,0800			10,0800					
Certificate	DE000CN6JQC0	ESTX 2151TL OPENZ	EUR	9,6900	10,0650	9,6900			10,0650					
Certificate	NL0011596390	ESTX 2160TL OPENH	EUR	10,6100	10,6100	10,6100			10,6100					
Certificate	NL0011595582	ESTX 2197TRLOPENH	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	DE000CZ2FL97	ESTX 2198TL OPENZ	EUR	9,4800	9,8550	9,4800			9,8550					
Certificate	NL0011596382	ESTX 2200TL OPENH	EUR	10,2000	10,2000	10,2000			10,2000					
Certificate	NL0011035787	ESTX 2250TL OPENH	EUR	9,7300	9,7300	9,7300			9,7300					
Certificate	NL0011646815	ESTX 2278BL OPENB	EUR	9,0050	9,0050	9,0050			9,0050					
Certificate	NL0011595574	ESTX 2284TRLOPENH	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	NL0011602065	ESTX 2290TL OPENH	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	DE000CN6HNB3	ESTX 2307TL OPENZ	EUR	8,1300	8,5000	8,1300			8,5000					
Certificate	DE000CZ7DLC8	ESTX 2309TL OPENZ	EUR	8,3800	8,7550	8,3800			8,7550					
Certificate	NL0011602057	ESTX 2310TL OPENH	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	NL0010890125	ESTX 2320TL OPENB	EUR	9,1050	9,1050	9,1050			9,1050					
Certificate	NL0011594882	ESTX 2326TRLOPENH	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	NL0011602040	ESTX 2330TL OPENH	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	NL0011035779	ESTX 2360TL OPENH	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	NL0011054077	ESTX 2382TRLOPENH	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	NL0011600390	ESTX 2400TL OPENH	EUR	8,3300	8,3300	8,3300			8,3300					
Certificate	NL0011601653	ESTX 2406TRLOPENH	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	NL0011596374	ESTX 2410TL OPENH	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	DE000CX0J725	ESTX 2412TL OPENC	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	DE000CX0H6K1	ESTX 2418TL OPENC	EUR	8,8600	8,8600	8,8600			8,8600					



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	NL0011600804	ESTX 2429TRLOPENH	EUR	7,2900	7,2900	7,2900			7,2900					
Certificate	NL0010890133	ESTX 2430TL OPENB	EUR	8,0350	8,0350	8,0350			8,0350					
Certificate	NL0011600382	ESTX 2440TL OPENH	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	NL0011594874	ESTX 2456TRLOPENH	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	DE000CR4JQ6	ESTX 2460TL OPENZ	EUR	6,6000	6,9700	6,6000			6,9700					
Certificate	NL0011035761	ESTX 2470TL OPENH	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	NL0011594866	ESTX 2499TRLOPENH	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	NL0011602669	ESTX 2500TL OPENH	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000CX0JY53	ESTX 2515TL OPENC	EUR	8,0300	8,0300	8,0300			8,0300					
Certificate	DE000CV50517	ESTX 2516TL OPENZ	EUR	6,0400	6,4250	6,0400			6,4250					
Certificate	NL0011602651	ESTX 2520TL OPENH	EUR	7,1300	7,1300	7,1300			7,1300					
Certificate	DE000CX0JXJ2	ESTX 2522TL OPENC	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	DE000CZ7DLD6	ESTX 2523TL OPENZ	EUR	6,2600	6,6450	6,2600			6,6450					
Certificate	NL0011900279	ESTX 2540TL OPENB	EUR	6,9850	6,9850	6,9850			6,9850					
Certificate	NL0011603121	ESTX 2540TL OPENH	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	NL0011594858	ESTX 2541TRLOPENH	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	NL0011891957	ESTX 2560TL OPENH	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	NL0013008220	ESTX 2562BL OPENB	EUR	6,0950	6,0950	6,0950			6,0950					
Certificate	DE000CR1J4W0	ESTX 2567TL OPENZ	EUR	5,5400	5,9100	5,5400			5,9100					
Certificate	NL0011602735	ESTX 2577TRLOPENH	EUR	5,3300	5,8000	5,3300	1839,2900	4	5,8000	322				
Certificate	NL0011891940	ESTX 2580TL OPENH	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	DE000CX01WK4	ESTX 2581TL OPENC	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	DE000CX01WC1	ESTX 2587TL OPENC	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	NL0011602727	ESTX 2598TRLOPENH	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	NL0011891932	ESTX 2600TL OPENH	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	DE000CN6JSD4	ESTX 2619TL OPENZ	EUR	5,0100	5,3850	5,0100			5,3850					
Certificate	NL0011603600	ESTX 2619TRLOPENH	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	NL0011892781	ESTX 2620TL OPENH	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0011907100	ESTX 2640TL OPENB	EUR	6,0400	6,0400	5,9650	14065,3000	2	5,9650	2335				
Certificate	NL0011891775	ESTX 2646TRLOPENH	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	NL0011896428	ESTX 2650TL OPENH	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	NL0011891767	ESTX 2667TRLOPENH	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	NL0011926605	ESTX 2670TL OPENH	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000CD61SE1	ESTX 2670TL OPENZ	EUR	4,5000	4,8850	4,5000			4,8850					
Certificate	NL0011892575	ESTX 2688TRLOPENH	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	NL0011926597	ESTX 2690TL OPENH	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	NL0011926589	ESTX 2710TL OPENH	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	DE000CD61U21	ESTX 2721TL OPENZ	EUR	4,0000	4,3750	4,0000			4,3750					
Certificate	NL0011931076	ESTX 2722TRLOPENH	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000CD61T81	ESTX 2729TL OPENZ	EUR	4,2300	4,6050	4,1300	1899,8000	1	4,6050	460				
Certificate	NL0011927546	ESTX 2730TL OPENH	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	NL0011896733	ESTX 2732TRLOPENH	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	NL0011927538	ESTX 2750TL OPENH	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	NL0011926324	ESTX 2751TRLOPENH	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	NL0011907951	ESTX 2760BL OPENB	EUR	4,1950	4,1950	4,1950			4,1950					
Certificate	NL0011927520	ESTX 2770TL OPENH	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	DE000CD626G3	ESTX 2773TL OPENZ	EUR	3,4800	3,8550	3,4800			3,8550					
Certificate	NL0011926316	ESTX 2773TRLOPENH	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	DE000CX59C56	ESTX 2785TL OPENC	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	DE000CX0KZ56	ESTX 2790TL OPENC	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	NL0011927330	ESTX 2794TRLOPENH	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	NL0011975586	ESTX 2800TL OPENH	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	NL0011927322	ESTX 2815TRLOPENH	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000CD626H1	ESTX 2824TL OPENZ	EUR	2,9800	3,3550	2,9800			3,3550					
Certificate	NL0011927314	ESTX 2836TRLOPENH	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	DE000CX018B0	ESTX 2845TL OPENC	EUR											
Certificate	NL0013008204	ESTX 2852BL OPENB	EUR	3,1950	3,1950	3,1950			3,1950					
Certificate	DE000CX01854	ESTX 2853TL OPENC	EUR											
Certificate	NL0012036933	ESTX 2860TL OPENB	EUR	3,7850	3,7850	3,7850			3,7850					
Certificate	NL0011935069	ESTX 2869TRLOPENH	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CD62JX8	ESTX 2875TL OPENZ	EUR	2,4700	2,8450	2,4700			2,8450					
Certificate	DE000CX59C64	ESTX 2887TL OPENC	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	NL0012048946	ESTX 2890TL OPENH	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	DE000CX59M21	ESTX 2892TL OPENC	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0012038608	ESTX 2917BL OPENB	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	DE000CD63M60	ESTX 2928TL OPENZ	EUR	1,9400	2,3150	1,9400			2,3150					
Certificate	DE000CD63N69	ESTX 2937TL OPENZ	EUR	2,1800	2,5550	2,1800			2,5550					
Certificate	NL0012049662	ESTX 2940TL OPENH	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	NL0012049266	ESTX 2951TRLOPENH	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0012039697	ESTX 2970TL OPENB	EUR	2,7950	2,7950	2,7950			2,7950					
Certificate	DE000CD63YM8	ESTX 2979TL OPENZ	EUR	1,4400	1,8150	1,4400			1,8150					
Certificate	DE000CX59W29	ESTX 2990TL OPENC	EUR	3,2400	3,2400	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
Certificate	NL0012050926	ESTX 2990TL OPENH	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000V9VVB0	ESTX 2991TL OPENV	EUR	2,2560	2,2560	2,2560			2,2560					
Certificate	NL0013008212	ESTX 3002BL OPENB	EUR	1,4800	1,6850	1,4550	2940,0000	2	1,6850	2000				
Certificate	DE000V9VVC8	ESTX 3016TL OPENV	EUR	2,0030	2,0030	2,0030			2,0030					
Certificate	DE000CD63YN6	ESTX 3029TL OPENZ	EUR	0,9400	1,3150	0,9400	4710,0000	4	1,3150	4000				
Certificate	NL0012050918	ESTX 3040TL OPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000V9VVD6	ESTX 3041TL OPENV	EUR	1,7510	1,7510	1,7510			1,7510					
Certificate	NL0012050793	ESTX 3065TRLOPENH	EUR	0,9000	0,9500	0,9000	180,0000	1	0,9500	200				
Certificate	DE000V9VVE4	ESTX 3066TL OPENV	EUR	1,4990	1,4990	1,4990			1,4990					
Certificate	NL0012100192	ESTX 3074BL OPENB	EUR	1,1100	1,1100	1,0550	1110,0000	1	1,0550	1000				
Certificate	DE000CD64151	ESTX 3079TL OPENZ	EUR											
Certificate	NL0012101430	ESTX 3080TL OPENB	EUR	1,6850	1,6850	1,6850			1,6850					
Certificate	DE000CX59275	ESTX 3091TL OPENC	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000V9VVF1	ESTX 3091TL OPENV	EUR	1,2470	1,2470	1,2470			1,2470					
Certificate	DE000CX59Y84	ESTX 3092TL OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	NL0012053144	ESTX 3100TL OPENH	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000V9VVG9	ESTX 3116TL OPENV	EUR	0,9960	0,9960	0,9960			0,9960					
Certificate	NL0012050785	ESTX 3118TRLOPENH	EUR											
Certificate	DE000CD64584	ESTX 3129TL OPENZ	EUR											
Certificate	DE000CD644G6	ESTX 3140TL OPENZ	EUR											
Certificate	NL0012922058	ESTX 3160TL OPENH	EUR											
Certificate	DE000VN67G1	ESTX 3160TL OPENV	EUR	1,6280	1,6280	1,6280			1,6280					
Certificate	NL0012687115	ESTX 3177BL OPENB	EUR											
Certificate	DE000CD649R2	ESTX 3178TL OPENZ	EUR											
Certificate	NL0012114953	ESTX 3180TL OPENB	EUR											
Certificate	DE000VA71X34	ESTX 3186TL OPENV	EUR											
Certificate	DE000V9VVH7	ESTX 3191TL OPENV	EUR											
Certificate	NL0012795462	ESTX 3200DIS0619Z	EUR	29,4300	29,6700	29,4300			29,6700					
Certificate	NL0013084668	ESTX 3201TRLOPENH	EUR											
Certificate	DE000VN62AQ7	ESTX 3204TL OPENV	EUR											
Certificate	NL0013086895	ESTX 3208TRSOPEH	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0013015308	ESTX 3220TS OPENB	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000VN66DP7	ESTX 3230TL OPENV	EUR											
Certificate	DE000VA8FVE2	ESTX 3239TS OPENV	EUR	0,8610	0,8610	0,8610			0,8610					
Certificate	NL0013083744	ESTX 3250TRSOPEH	EUR											
Certificate	DE000VA8FVH5	ESTX 3264TS OPENV	EUR	1,1060	1,1060	1,1060			1,1060					
Certificate	NL0013011299	ESTX 3280BS OPENB	EUR	1,3900	1,4050	1,3900	583,8000	1	1,4050	420				
Certificate	DE000CJ3PFG4	ESTX 3283TS OPENZ	EUR	1,7200	1,7200	1,3200	1048,1000	3	1,3450	760				
Certificate	DE000VA8FR31	ESTX 3289TS OPENV	EUR	1,3530	1,3530	1,3530			1,3530					
Certificate	NL0013083736	ESTX 3297TRSOPEH	EUR	1,3500	1,4400	1,3500	6,7500	1	1,4400	5				
Certificate	NL0012795488	ESTX 3300DIS1219Z	EUR	29,2500	29,5000	29,2500			29,5000					
Certificate	DE000VA71M24	ESTX 3316TS OPENV	EUR	1,5970	1,5970	1,5970			1,5970					
Certificate	NL0013009459	ESTX 3320TS OPENB	EUR	2,0450	2,0450	2,0450			2,0450					
Certificate	DE000CJ3N5V8	ESTX 3327TS OPENZ	EUR	2,5000	2,5000	2,1150			2,1150					
Certificate	NL0013079239	ESTX 3340TS OPENH	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	DE000VA71M29	ESTX 3341TS OPENV	EUR	1,8470	1,8470	1,8470			1,8470					
Certificate	NL0013079601	ESTX 3358TRSOPEH	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000VA71M60	ESTX 3366TS OPENV	EUR	2,0970	2,0970	2,0970			2,0970					
Certificate	NL0013008485	ESTX 3380BS OPENB	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	DE000CJ3N161	ESTX 3382TS OPENZ	EUR	2,7000	2,7000	2,3250			2,3250					
Certificate	DE000VA7TA84	ESTX 3392TS OPENV	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	NL0012795843	ESTX 3400BON0619Z	EUR	31,2700	31,6600	31,2700			31,6600					
Certificate	NL0013079593	ESTX 3408TRSOPEH	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000VA1SS56	ESTX 3409TL OPENV	EUR											
Certificate	DE000VA7TA92	ESTX 3417TS OPENV	EUR	2,5890	2,5890	2,5890			2,5890					
Certificate	NL0013005408	ESTX 3430TS OPENB	EUR	3,1350	3,1350	3,1350			3,1350					
Certificate	DE000VA7PWJ0	ESTX 3442TS OPENV	EUR	2,8370	2,8370	2,8370			2,8370					
Certificate	NL0012937635	ESTX 3461TRSOPEH	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0012936801	ESTX 3470TS OPENH	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	DE000VAGEAY1	ESTX 3477TS OPENV	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0012988851	ESTX 3479BS OPENB	EUR	3,4750	3,4750	3,4750			3,4750					
Certificate	DE000CV8B656	ESTX 3481TS OPENZ	EUR	3,6800	3,6800	3,3050			3,3050					
Certificate	NL0012236327	ESTX 35.5BON0619Z	EUR	34,4800	34,6400	34,4800			34,6400					
Certificate	NL0012795850	ESTX 3500BON0919Z	EUR	31,3400	31,7700	31,3400			31,7700					
Certificate	NL0012795470	ESTX 3500DIS0619Z	EUR	30,0700	30,4100	30,0700			30,4100					
Certificate	DE000VASREA7	ESTX 3508TS OPENV	EUR	3,3170	3,3170	3,3170			3,3170					
Certificate	NL0012937130	ESTX 3510TRSOPEH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0012648562	ESTX 3515BON1219Z	EUR	33,5000	33,7200	33,5000			33,7200					
Certificate	NL0011590971	ESTX 3519TRSOPEH	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	DE000CV897T1	ESTX 3527TS OPENZ	EUR	4,5800	4,5800	4,1950			4,1950					
Certificate	NL0011090709	ESTX 3530TS OPENB	EUR	4,8550	4,8550	4,8550			4,8550					
Certificate	NL0012146070	ESTX 3550BON1218Z	EUR	35,4300	35,4700	35,4300			35,4700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012921985	ESTX 3550TS OPENH	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	NL0012921571	ESTX 3555TRSOPENH	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000VA15UT7	ESTX 3565TS OPENV	EUR	3,5640	3,5640	3,5640								
Certificate	NL0012121768	ESTX 3578BS OPENB	EUR	4,4650	4,4650	4,4650								
Certificate	DE000CE6BWF9	ESTX 3580TS OPENZ	EUR	4,6700	4,6700	4,2950								
Certificate	NL0012921563	ESTX 3595TRSOPENH	EUR	4,4100	4,4100	4,4100								
Certificate	NL0012236376	ESTX 36 58ON1218Z	EUR	35,2900	35,5600	35,2900								
Certificate	NL0012648539	ESTX 3600BON0619Z	EUR	33,8000	34,1600	33,8000								
Certificate	NL0012648661	ESTX 3600BON1218Z	EUR	34,3700	34,7900	34,3700								
Certificate	NL0012795496	ESTX 3600DIS1219Z	EUR	29,8200	30,1500	29,8200								
Certificate	NL0012795066	ESTX 3625BOC0319Z	EUR	34,0300	34,3900	34,0300								
Certificate	NL0012795041	ESTX 3625BOC1218Z	EUR	34,5700	34,9900	34,5700								
Certificate	NL0011045695	ESTX 3630TS OPENH	EUR	5,9200	5,9200	5,9200								
Certificate	NL0012921555	ESTX 3632TRSOPENH	EUR	4,7800	4,7800	4,7800								
Certificate	NL0012121586	ESTX 3640TS OPENB	EUR	5,9750	5,9750	5,9750								
Certificate	NL0012145916	ESTX 3650BOC1218Z	EUR	36,3800	36,3900	36,3800								
Certificate	NL0012648570	ESTX 3650BON1219Z	EUR	33,2000	33,5300	33,2000								
Certificate	NL0012236137	ESTX 3655BON0619Z	EUR	34,8200	35,0400	34,8200								
Certificate	NL0012921548	ESTX 3664TRSOPENH	EUR	5,1000	5,1000	5,1000								
Certificate	NL0012648497	ESTX 3665BON0319Z	EUR	35,0850	35,3250	35,0850								
Certificate	DE000CE6BWG7	ESTX 3678TS OPENZ	EUR	5,6600	5,6600	5,2800								
Certificate	NL0012782437	ESTX 3679BS OPENB	EUR	5,4750	5,4750	5,4750								
Certificate	NL0011590963	ESTX 3697TRSOPENH	EUR	5,4300	5,4300	5,4300								
Certificate	NL0012795082	ESTX 3700BOC0619Z	EUR	33,9600	34,3000	33,9600								
Certificate	DE000CE6C6X3	ESTX 3716TS OPENZ	EUR	6,5000	6,5000	6,1250								
Certificate	NL0012933733	ESTX 3720TS OPENH	EUR	6,7900	6,7900	6,7900								
Certificate	NL0012648547	ESTX 3725BON0619Z	EUR	33,5300	33,9700	33,5300								
Certificate	NL0012648521	ESTX 3725BON1218Z	EUR	33,2900	34,0600	33,2900								
Certificate	NL0012260426	ESTX 3740TS OPENB	EUR	6,9850	6,9850	6,9850								
Certificate	NL0012921530	ESTX 3743TRSOPENH	EUR	5,8900	5,8900	5,8900								
Certificate	NL0012795058	ESTX 3750BOC1218Z	EUR	33,4100	34,2000	33,4100								
Certificate	NL0012795108	ESTX 3775BOC0919Z	EUR	33,8000	34,1400	33,8000								
Certificate	DE000CE6C873	ESTX 3778TS OPENZ	EUR	6,6500	6,6500	6,2700								
Certificate	NL0012785364	ESTX 3780BS OPENB	EUR	6,4850	6,4850	6,4850								
Certificate	NL0012921522	ESTX 3792TRSOPENH	EUR	6,3900	6,3900	6,3900								
Certificate	NL0011045687	ESTX 3810TS OPENH	EUR	7,8000	7,8000	7,8000								
Certificate	NL0012795074	ESTX 3825BOC0319Z	EUR	32,6500	33,3800	32,6500								
Certificate	NL0012676233	ESTX 3825BOC1218B	EUR	37,1300	37,4700	37,1300								
Certificate	NL0012236541	ESTX 3825BON0919Z	EUR	35,7550	35,9950	35,7550								
Certificate	DE000VN66C23	ESTX 3826TS OPENV	EUR	3,9480	3,9480	3,7330	789,6000	1	200					
Certificate	DE000VN66C80	ESTX 3830TS OPENV	EUR	4,5040	4,5040	4,5040								
Certificate	DE000VL2FY01	ESTX 3831TS OPENV	EUR	4,7120	4,7120	4,7120								
Certificate	NL0012921514	ESTX 3842TRSOPENH	EUR	6,8800	6,8800	6,8800								
Certificate	NL0012795124	ESTX 3850BOC1219Z	EUR	33,6900	34,0800	33,6900								
Certificate	NL0012648588	ESTX 3850BON1219Z	EUR	33,0600	33,5300	33,0600								
Certificate	DE000VN66C31	ESTX 3851TS OPENV	EUR	3,9750	3,9750	3,9750								
Certificate	DE000VA1ZE47	ESTX 3851TS OPENV	EUR	5,9650	5,9650	5,9650								
Certificate	NL0012264758	ESTX 3860TS OPENB	EUR	8,2850	8,2850	8,2850								
Certificate	DE000VN66C98	ESTX 3860TS OPENV	EUR	4,8000	4,8000	4,8000								
Certificate	NL0011590955	ESTX 3874TRSOPENH	EUR	7,2000	7,2000	7,2000								
Certificate	DE000VA1ZE54	ESTX 3876TS OPENV	EUR	6,2150	6,2150	6,2150								
Certificate	DE000VN66C49	ESTX 3876TS OPENV	EUR	4,2160	4,2160	4,2160								
Certificate	DE000CE6CH22	ESTX 3878TS OPENZ	EUR	7,6600	7,6600	7,2800								
Certificate	DE000VL37J16	ESTX 3880TS OPENV	EUR	5,9550	5,9550	5,9550								
Certificate	DE000VL2FY27	ESTX 3881TS OPENV	EUR	5,2050	5,2050	5,2050								
Certificate	DE000VN66DA9	ESTX 3890TS OPENV	EUR	5,0950	5,0950	5,0950								
Certificate	DE000CX01WF4	ESTX 3894TS OPENC	EUR	4,3000	4,3000	4,3000								
Certificate	DE000VA1ZE62	ESTX 3901TS OPENV	EUR	6,4650	6,4650	6,4650								
Certificate	NL0012921506	ESTX 3921TRSOPENH	EUR	7,6700	7,6700	7,6700								
Certificate	DE000CE6CQA0	ESTX 3921TS OPENZ	EUR	8,5700	8,5700	8,1950								
Certificate	NL0012107965	ESTX 3925BOC1218B	EUR	38,7800	38,9400	38,7800								
Certificate	NL0012145924	ESTX 3925BOC1218Z	EUR	38,7300	38,8500	38,7300								
Certificate	DE000VL37J24	ESTX 3930TS OPENV	EUR	6,4550	6,4550	6,4550								
Certificate	DE000VL2FY43	ESTX 3931TS OPENV	EUR	5,6850	5,6850	5,6850								
Certificate	NL0012269674	ESTX 3940BOC1218B	EUR	37,9400	38,3800	37,9400	105681,7000	2		2780				
Certificate	DE000CX59W37	ESTX 3942TS OPENC	EUR	5,0400	5,0400	5,0400								
Certificate	DE000CX59M47	ESTX 3944TS OPENC	EUR	4,7800	4,7800	4,7800								
Certificate	NL0012795090	ESTX 3950BOC0619Z	EUR	32,8300	33,5400	32,8300								
Certificate	NL0012494561	ESTX 3950BOC1218B	EUR	34,3600	35,6400	34,3600	52095,0000	2		1500				
Certificate	NL0012648554	ESTX 3950BON0619Z	EUR	32,8400	33,5500	32,8400								
Certificate	NL0012921977	ESTX 3950TS OPENH	EUR	9,2200	9,2200	9,2200								
Certificate	NL0012700363	ESTX 3970TS OPENB	EUR	9,5900	9,5900	9,3850	2407,0900	1		251				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6CQ39	ESTX 3983TS OPENZ	EUR	8,7100	8,7100	8,3300			8,3300					
Certificate	NL0012983290	ESTX 4000BOC0619B	EUR	37,1500	37,1700	37,1200	100278,0000	2	37,1700	2700				
Certificate	NL0012983282	ESTX 4000BOC1219B	EUR	34,7600	35,2800	34,7600			35,2800					
Certificate	DE000CE6DJF2	ESTX 4069TS OPENZ	EUR	10,0800	10,0800	9,6950			9,6950					
Certificate	NL0012795116	ESTX 4075BOC0919Z	EUR	32,6200	33,3400	32,6200			33,3400					
Certificate	DE000CE6DJJ4	ESTX 4079TS OPENZ	EUR	9,6700	9,6700	9,2800			9,2800					
Certificate	NL0012933030	ESTX 4095TRSOPENH	EUR	9,4100	9,4100	9,4100			9,4100					
Certificate	NL0012146088	ESTX 4100BOC1218Z	EUR	38,2800	38,9200	38,2800			38,9200					
Certificate	NL0012648596	ESTX 4150BON1219Z	EUR	32,3400	33,0400	32,3400			33,0400					
Certificate	NL0012921969	ESTX 4150TS OPENH	EUR	11,2600	11,2600	11,2600			11,2600					
Certificate	NL0012921498	ESTX 4175TRSOPENH	EUR	10,2200	10,2200	10,2200			10,2200					
Certificate	DE000CE6EZ77	ESTX 4175TS OPENZ	EUR	10,6200	10,6200	10,2400			10,2400					
Certificate	NL0011231071	ESTX 4180TS OPENH	EUR	11,6100	11,6100	11,6100			11,6100					
Certificate	NL0011590948	ESTX 4197TRSOPENH	EUR	10,4300	10,4300	10,4300			10,4300					
Certificate	NL0012795132	ESTX 4200BOC1219Z	EUR	32,4500	33,1500	32,4500			33,1500					
Certificate	NL0011590930	ESTX 4229TRSOPENH	EUR	10,7500	10,7500	10,7500			10,7500					
Certificate	DE000CE6FAQ3	ESTX 4267TS OPENZ	EUR	12,0800	12,0800	11,7050			11,7050					
Certificate	DE000CE6FAH2	ESTX 4276TS OPENZ	EUR	11,6300	11,6300	11,2500			11,2500					
Certificate	NL0012146096	ESTX 4325BOC1218Z	EUR	36,0700	37,4700	36,0700			37,4700					
Certificate	NL0011590922	ESTX 4583TRSOPENH	EUR	14,2900	14,2900	14,2900			14,2900					
Certificate	DE000CV88X58	ESTX 4668TS OPENZ	EUR	16,1400	16,1400	15,7550			15,7550					
Certificate	XS1472027173	ESTX 7.255TN0222K	EUR											
Certificate	XS1840195744	ESTX 8.975TN0823H	EUR	92,6200	93,8000	92,6200	92620,0000	1	93,8000	100000				
Certificate	NL0012236392	ESTX 36.25BON0619Z	EUR	33,9200	34,2800	33,9200			34,2800					
Certificate	NL0012236418	ESTX 41.75BON0619Z	EUR	32,1400	33,0600	32,1400			33,0600					
Certificate	DE000CE6BU00	ESTXF LEVOPENZ	EUR	9,6950	9,8250	9,6950			9,8250					
Certificate	DE000CE6BUS6	ESTXF LEVOPENZ	EUR	2,3460	2,6630	2,3460			2,6630					
Certificate	DE000CE6BUR8	ESTXF LEVOPENZ	EUR	6,6400	7,0800	6,6400			7,0800					
Certificate	DE000CE6BUU2	ESTXF SHROPENZ	EUR	2,6740	2,6740	2,3510			2,3510					
Certificate	DE000CE6BUT4	ESTXF SHROPENZ	EUR	7,1600	7,1600	6,7100			6,7100					
Certificate	DE000CV8AWM2	EUCAD1.284TL OPENZ	EUR	13,7200	13,7300	13,7200			13,7300					
Certificate	DE000CR4J9N5	EUCAD1.345TL OPENZ	EUR	9,6200	9,6400	9,6200			9,6400					
Certificate	NL0013004088	EUCAD1.359TL OPENB	EUR	10,3450	10,3450	10,3450			10,3450					
Certificate	NL0012282537	EUCAD1.401TL OPENB	EUR	7,5350	7,5350	7,5350			7,5350					
Certificate	DE000CR4H922	EUCAD1.434TL OPENZ	EUR	3,6600	3,6750	3,6600			3,6750					
Certificate	NL0012791545	EUCAD1.446TL OPENB	EUR	4,5950	4,5950	4,5950			4,5950					
Certificate	NL0012989867	EUCAD1.542TS OPENB	EUR	5,8950	5,8950	5,7750	1372,3700	1	5,7750	233				
Certificate	DE000CV88N01	EUCAD1.574TS OPENZ	EUR	5,8800	5,8800	5,8500			5,8500					
Certificate	NL0011539507	EUCAD1.622TS OPENB	EUR	11,2850	11,2850	11,2850			11,2850					
Certificate	DE000CR9S170	EUCAD1.634TS OPENZ	EUR	9,8900	9,8900	9,8600			9,8600					
Certificate	NL0012771992	EUCAD1.662TS OPENB	EUR	14,0350	14,0350	14,0350			14,0350					
Certificate	DE000CM6HPB8	EUCAD1.711TS OPENZ	EUR	15,1200	15,1200	15,0900			15,0900					
Certificate	DE000CV508J5	EUCAD1.771TS OPENZ	EUR	19,1500	19,1500	19,1200			19,1200					
Certificate	LU1841119420	EUCHF 1.1TCIOPENS	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	LU1841119347	EUCHF 1.2TPIOPENS	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	LU1841119180	EUCHF 1.17TPIOPENS	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	LU1841119263	EUCHF 1.18TPIOPENS	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0000873503	EUCHF 1.28TS OPENB	EUR	14,7800	14,7800	14,7800			14,7800					
Certificate	NL0010925558	EUCHF0.871TL OPENB	EUR	25,6400	25,6400	25,6400			25,6400					
Certificate	DE000CR6X9G9	EUCHF0.924TL OPENZ	EUR	18,8200	18,9000	18,8200			18,9000					
Certificate	DE000CR6X9F1	EUCHF1.004TL OPENZ	EUR	11,8050	11,8950	11,8050			11,8950					
Certificate	DE000CR6X9E4	EUCHF1.044TL OPENZ	EUR	8,2800	8,3700	8,2800			8,3700					
Certificate	NL0011436340	EUCHF1.081TL OPENB	EUR	7,7450	7,7450	7,7450			7,7450					
Certificate	DE000CE6DVG5	EUCHF1.098TL OPENZ	EUR	3,4550	3,5550	3,4550			3,5550					
Certificate	NL0012280275	EUCHF1.121TL OPENB	EUR	4,4900	4,4900	4,3350	4490,0000	1	4,3350	1000				
Certificate	LU1841119693	EUCHF1.125TCIOPENS	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	LU1841119776	EUCHF1.135TCIOPENS	EUR											
Certificate	NL0012988968	EUCHF1.165TS OPENB	EUR	5,5400	5,5650	5,5350	77,5600	1	5,5350	14				
Certificate	NL0012793277	EUCHF1.183TS OPENB	EUR	7,1450	7,1450	7,1450			7,1450					
Certificate	NL0012677348	EUCHF1.202TS OPENB	EUR	8,8450	8,8450	8,8450			8,8450					
Certificate	DE000CV88WB4	EUCHF1.206TS OPENZ	EUR	6,1700	6,1700	6,0600			6,0600					
Certificate	DE000CE6E507	EUCHF1.256TS OPENZ	EUR	10,5600	10,5600	10,4500			10,4500					
Certificate	DE000CV4YTV8	EUCHF1.314TS OPENZ	EUR	15,7100	15,7100	15,5900			15,5900					
Certificate	LU1840909458	EUGBP 0.9TPIOPENS	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	NL0013010713	EUGBP 0.9TS OPENB	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	NL0013007487	EUGBP 0.82BL OPENB	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	LU1756001837	EUGBP 0.83TCIOPENS	EUR											
Certificate	NL0012693907	EUGBP 0.84BL OPENB	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	LU1719706019	EUGBP 0.84TCIOPENS	EUR											
Certificate	LU1650911248	EUGBP 0.85TCIOPENS	EUR											
Certificate	LU1719706100	EUGBP 0.85TCIOPENS	EUR											
Certificate	NL0012494306	EUGBP 0.91TS OPENB	EUR	4,6100	4,6100	4,6100			4,6100					



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	LU1651915529	EUGBP 0.92TPIOPENS	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	NL0012494314	EUGBP 0.92TS OPENB	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	LU1790502857	EUGBP 0.93TPIOPENS	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	NL0012988331	EUGBP 0.93TS OPENB	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	LU1790503079	EUGBP 0.96TPIOPENS	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	NL0011740915	EUGBP 1.24TS OPENH	EUR	41,8600	41,8600	41,8600			41,8600					
Certificate	NL0011053145	EUGBP0.678TL OPENH	EUR	24,6500	24,6500	24,6500			24,6500					
Certificate	NL0011053137	EUGBP0.734TL OPENH	EUR	18,3900	18,3900	18,3900			18,3900					
Certificate	DE000CR6YL22	EUGBP0.742TL OPENZ	EUR	16,2950	16,4950	16,2950			16,4950					
Certificate	NL0011242292	EUGBP0.756TL OPENH	EUR	15,9900	15,9900	15,9900			15,9900					
Certificate	DE000CR6XHL7	EUGBP0.762TL OPENZ	EUR	13,9550	14,1650	13,9550			14,1650					
Certificate	NL0011593454	EUGBP0.774TL OPENH	EUR	13,9600	13,9600	13,9600			13,9600					
Certificate	DE000CR6YA90	EUGBP0.782TL OPENZ	EUR	11,7800	11,9900	11,7800			11,9900					
Certificate	NL0012770424	EUGBP0.805TL OPENB	EUR	11,0000	11,0000	11,0000			11,0000					
Certificate	DE000CN6JQM9	EUGBP0.821TL OPENZ	EUR	7,3200	7,5400	7,3200			7,5400					
Certificate	NL0011892963	EUGBP0.844TL OPENH	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	NL0012099535	EUGBP0.848TL OPENB	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	NL0011905625	EUGBP0.861BL OPENB	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	DE000CD62BP1	EUGBP0.864TL OPENZ	EUR	2,4250	2,6550	2,2700	916,0000	2	2,6550	400				
Certificate	NL0011892948	EUGBP0.866TL OPENH	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	NL0012260947	EUGBP0.868TL OPENB	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	LU1840909375	EUGBP0.895TPIOPENS	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	NL0013007503	EUGBP0.907BS OPENB	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	DE000CD62BQ9	EUGBP0.922TS OPENZ	EUR	4,2450	4,2450	4,0000			4,0000					
Certificate	NL0012488894	EUGBP0.927BS OPENB	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	NL0012993646	EUGBP0.947BS OPENB	EUR	6,8400	6,8400	6,8400			6,8400					
Certificate	DE000CD614W6	EUGBP0.987TS OPENZ	EUR	11,6600	11,6600	11,4000			11,4000					
Certificate	DE000CV8AR73	EUGBP1.027TS OPENZ	EUR	16,1700	16,1700	15,9000			15,9000					
Certificate	NL0011741178	EUGBP1.043TS OPENH	EUR	19,3500	19,3500	19,3500			19,3500					
Certificate	DE000CD614X4	EUGBP1.066TS OPENZ	EUR	20,5600	20,5600	20,2700			20,2700					
Certificate	DE000CR6YL14	EUIPY 110.TL OPENZ	EUR	13,9450	14,0750	13,9450			14,0750					
Certificate	DE000CD63UA1	EUIPY 120.TL OPENZ	EUR	6,1250	6,2650	6,1250			6,2650					
Certificate	NL0013013949	EUIPY116.6TL OPENB	EUR	10,6400	10,6400	10,6400			10,6400					
Certificate	NL0012260491	EUIPY119.6TL OPENB	EUR	8,3700	8,3700	8,3700			8,3700					
Certificate	NL0012991962	EUIPY125.5TL OPENB	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	NL0013001191	EUIPY128.5TL OPENB	EUR											
Certificate	NL0012690242	EUIPY134.8TS OPENB	EUR	7,2700	7,5000	7,2700	551,0000	2	7,5000	75				
Certificate	DE000CB1MY20	EUIPY139.7TS OPENZ	EUR	9,3300	9,3300	9,1600			9,1600					
Certificate	NL0011053186	EUIPY140.5TS OPENH	EUR	11,9200	11,9200	11,9200			11,9200					
Certificate	NL0012497994	EUIPY140.8TS OPENB	EUR	12,2800	12,2800	12,2800			12,2800					
Certificate	DE000CR4H963	EUIPY142.7TS OPENZ	EUR	11,7100	11,7100	11,5400			11,5400					
Certificate	NL0012681712	EUIPY143.8TS OPENB	EUR	14,6700	14,6700	14,6700			14,6700					
Certificate	DE000CR4H971	EUIPY145.7TS OPENZ	EUR	14,0600	14,0600	13,8800			13,8800					
Certificate	DE000CV4ZV64	EUIPY155.7TS OPENZ	EUR	21,8700	21,8700	21,6800			21,6800					
Certificate	DE000CN6EPUS	EUNOK10.48TS OPENZ	EUR	10,2900	10,6200	10,2900			10,6200					
Certificate	DE000CE6FM71	EUNOK10.98TS OPENZ	EUR	15,5300	15,8900	15,5300			15,8900					
Certificate	NL0010251971	EUNOK7.861TL OPENB	EUR	19,4750	19,4750	19,4750			19,4750					
Certificate	DE000CR6YAE5	EUNOK8.465TL OPENZ	EUR	11,1200	11,1200	10,8500			10,8500					
Certificate	DE000CR4H9F3	EUNOK8.772TL OPENZ	EUR	7,8950	7,8950	7,6100			7,6100					
Certificate	DE000CR6YAD7	EUNOK9.067TL OPENZ	EUR	4,7950	4,7950	4,5050			4,5050					
Certificate	DE000CR4J9T2	EUNOK9.973TS OPENZ	EUR	4,8750	5,1900	4,8750			5,1900					
Certificate	DE000CE6BEL5	EURAU1.371TL OPENZ	EUR	15,1100	15,1100	14,7400			14,7400					
Certificate	NL0010129599	EURAU1.381TL OPENB	EUR	15,6250	15,6250	15,6250			15,6250					
Certificate	DE000CD62940	EURAU1.422TL OPENZ	EUR	11,9100	11,9100	11,5350			11,5350					
Certificate	DE000CE6C3C4	EURAU1.493TL OPENZ	EUR	7,5600	7,5600	7,1500			7,1500					
Certificate	NL0012500441	EURAU1.529TL OPENB	EUR	6,5650	6,5650	6,5650			6,5650					
Certificate	DE000CV8B359	EURAU1.552TL OPENZ	EUR	3,8600	3,8600	3,4450			3,4450					
Certificate	NL0012993828	EURAU1.557TL OPENB	EUR	4,8950	4,8950	4,8950			4,8950					
Certificate	NL0013006323	EURAU1.583TL OPENB	EUR	3,2850	3,2850	3,2850			3,2850					
Certificate	NL0009485655	EURAU1.659TS OPENB	EUR	5,4450	5,4450	5,4450			5,4450					
Certificate	NL0012993844	EURAU1.689TS OPENB	EUR	7,3150	7,3150	7,3150			7,3150					
Certificate	DE000CR9RNY4	EURAU1.691TS OPENZ	EUR	4,9200	5,3700	4,9200			5,3700					
Certificate	NL0012996656	EURAU1.719TS OPENB	EUR	9,2150	9,2150	9,2150			9,2150					
Certificate	DE000CR9SD50	EURAU1.773TS OPENZ	EUR	9,9500	10,4200	9,9500			10,4200					
Certificate	DE000CV881A5	EURAU1.833TS OPENZ	EUR	13,6700	14,1600	13,6700			14,1600					
Certificate	DE000CV89620	EURCN6.352TL OPENZ	EUR	7,7800	7,8800	7,7800	7850,0000	2	7,8800	1000				
Certificate	DE000CV88N19	EURCN6.738TL OPENZ	EUR	15,3200	15,3200	15,0700			15,0700					
Certificate	DE000CE6BR62	EURCN7.246TL OPENZ	EUR	8,9100	8,9100	8,6400			8,6400					
Certificate	DE000CV89V00	EURCN7.741TL OPENZ	EUR	2,6800	2,6800	2,4000			2,4000					
Certificate	DE000CR9SD76	EURCN8.448TS OPENZ	EUR	6,8100	7,1200	6,8100			7,1200					
Certificate	DE000CE6D9N7	EURCN8.946TS OPENZ	EUR	13,0900	13,4200	13,0900			13,4200					
Certificate	DE000CD635W1	EURON 4.33TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					



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	DE000CD62Z09	EURON 4.66TL OPENZ	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CD62XT7	EURON 5.08TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CD62FS6	EURON 5.51TL OPENZ	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	DE000CN6KXS0	EURON 5.94TL OPENZ	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CV87VH5	EURON 6.48TL OPENZ	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CJ3NVK8	EURON 7.04TL OPENZ	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	DE000CJ3PDF1	EURON 7.64TL OPENZ	EUR											
Certificate	NL0013002207	EURON 8.388S OPENB	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CN6J497	EURON 8.73TS OPENZ	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CN6J067	EURON 9.39TS OPENZ	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CV89MD9	EURON 9.66TS OPENZ	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CV89L85	EURON10.39TS OPENZ	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CD62SZ4	EURON4.299TL OPENZ	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CN6K8Q4	EURON4.804TL OPENZ	EUR	0,5400	0,5700	0,5400	9720,0000	2	0,5700	18000				
Certificate	DE000CN6HHD1	EURON5.417TL OPENZ	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0012028070	EURON5.5438L OPENB	EUR	2,0600	2,2100	2,0600	6200,0000	3	2,2100	3000				
Certificate	DE000CE6EFB7	EURON5.807TL OPENZ	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012019830	EURON5.8378L OPENB	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0012996342	EURON6.213TL OPENB	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000CE6ENN6	EURON6.308TL OPENZ	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	NL0012989610	EURON6.3458L OPENB	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	NL0012993208	EURON6.468TL OPENB	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	NL0012990386	EURON6.5958L OPENB	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0012993216	EURON6.718TL OPENB	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CV88B2N6	EURON6.806TL OPENZ	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0012990691	EURON6.8468L OPENB	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	NL0013000680	EURON6.969TL OPENB	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0013001100	EURON7.0968L OPENB	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	NL0013003379	EURON7.216TL OPENB	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0013003635	EURON7.3468L OPENB	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CJ3NYZ0	EURON7.351TL OPENZ	EUR	0,0665	0,0665	0,0665			0,0665					
Certificate	NL0013010879	EURON7.462TL OPENB	EUR											
Certificate	NL0013013311	EURON7.5968L OPENB	EUR											
Certificate	NL0013012784	EURON7.711TL OPENB	EUR											
Certificate	NL0013010085	EURON8.186TS OPENB	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CV89S39	EURON8.391TS OPENZ	EUR	0,1600	0,1600	0,1600			0,1600					
Certificate	NL0013004237	EURON8.681TS OPENB	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0013004757	EURON8.8798S OPENB	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0013007966	EURON9.185TS OPENB	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	NL0012500466	EUTRY 4.95TL OPENB	EUR	27,6900	27,6900	27,6900			27,6900					
Certificate	NL0009409283	EUTRY3.508TL OPENB	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	NL0010131744	EUTRY3.758TL OPENB	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	NL0011904396	EUTRY4.446TL OPENB	EUR	35,0300	35,0300	35,0300			35,0300					
Certificate	NL0012280283	EUTRY4.858TL OPENB	EUR	28,9400	29,0300	28,9400	1157,6000	1	29,0300	40				
Certificate	NL0012503643	EUTRY5.006TL OPENB	EUR	26,8800	26,8800	26,8800			26,8800					
Certificate	NL0012510531	EUTRY5.113TL OPENB	EUR	26,8000	26,8000	25,3100	2680,0000	1	25,3100	100				
Certificate	NL0012511802	EUTRY5.169TL OPENB	EUR	24,4900	24,4900	24,4900			24,4900					
Certificate	NL0012777064	EUTRY5.211TL OPENB	EUR	23,8700	23,8700	23,8700			23,8700					
Certificate	NL0012781496	EUTRY5.309TL OPENB	EUR	22,4300	22,4300	22,4300			22,4300					
Certificate	NL0012781876	EUTRY5.374TL OPENB	EUR	21,5000	21,5000	21,5000			21,5000					
Certificate	NL0012791560	EUTRY5.551TL OPENB	EUR	18,9100	18,9100	18,9100			18,9100					
Certificate	NL0012979801	EUTRY5.645TL OPENB	EUR	17,5300	17,5300	17,5300			17,5300					
Certificate	NL0012979819	EUTRY5.709TL OPENB	EUR	18,2500	18,2500	16,6000	2605,2500	2	16,6000	147				
Certificate	NL0012989297	EUTRY6.302TL OPENB	EUR	9,6100	9,6100	7,9500	1556,8200	1	7,9500	162				
Certificate	NL0013013956	EUTRY6.924TS OPENB	EUR	16,9100	16,9100	16,9100			16,9100					
Certificate	NL0013012339	EUTRY7.074TS OPENB	EUR	19,1000	19,7400	19,1000	2998,7000	1	19,7400	157				
Certificate	NL0013012347	EUTRY7.524TS OPENB	EUR	24,7500	27,3500	24,7500	17325,0000	1	27,3500	700				
Certificate	NL0013012354	EUTRY7.974TS OPENB	EUR	34,9600	34,9600	34,9600			34,9600					
Certificate	NL0012993950	EUTRY8.424TS OPENB	EUR	42,8600	42,8600	42,8600			42,8600					
Certificate	NL0012989313	EUTRY8.816TS OPENB	EUR	49,5000	49,5000	49,5000			49,5000					
Certificate	DE000CE6CDQ4	EUUSD LEVOPENZ	EUR	8,6200	8,6200	8,2900			8,2900					
Certificate	DE000CE6CDR2	EUUSD SHROPENZ	EUR	5,0410	5,2400	5,0410			5,2400					
Certificate	DE000CY0AQB1	EUUSD 1TL OPENC	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	DE000CX0KXK8	EUUSD 1TL OPENC	EUR	3,5100	3,5100	3,4700	1053,0000	1	3,4700	300				
Certificate	DE000CR6YKU0	EUUSD 1.TL OPENZ	EUR	12,4300	12,4300	12,0950			12,0950					
Certificate	DE000CY0AQH8	EUUSD 0.9TL OPENC	EUR	14,4900	14,4900	14,4900			14,4900					
Certificate	DE000CJ3NYP1	EUUSD 1.1SWT0119Z	EUR	7,9800	7,9800	7,8900			7,8900					
Certificate	LU1756999964	EUUSD 1.1TCIOPENS	EUR											
Certificate	LU1816970591	EUUSD 1.1TCIOPENS	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000CJ3NK83	EUUSD 1.1TL 1218Z	EUR	0,4050	0,4050	0,3650			0,3650					
Certificate	DE000CQ58B65	EUUSD 1.1TL OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000CY16ZL1	EUUSD 1.1TL 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	DE000CN6G9M7	EUUSD 1.1TL OPENZ	EUR	3,6150	3,6150	3,2450			3,2450					
Certificate	NL0012609648	EUUSD 1.2TL OPENH	EUR											
Certificate	NL0012609382	EUUSD 1.2TRLOPENH	EUR											
Certificate	NL0012861710	EUUSD 1.2TRSOPENH	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	DE000CQ58BA2	EUUSD 1.2TS OPENC	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	DE000CQ58212	EUUSD 1.2TS OPENC	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	DE000VA2T8T0	EUUSD 1.2TS OPENV	EUR	7,8650	7,8650	7,8650			7,8650					
Certificate	DE000CV88WC2	EUUSD 1.2TS OPENZ	EUR	5,1400	5,4000	5,1400			5,4000					
Certificate	LU1695122132	EUUSD 1.3TPIOPENS	EUR											
Certificate	NL0013083793	EUUSD 1.3TRSOPENH	EUR	14,4600	14,4600	14,4600			14,4600					
Certificate	DE000CY52XC0	EUUSD 1.3TS OPENC	EUR	14,1000	14,1000	14,1000			14,1000					
Certificate	NL0012560189	EUUSD 1.3TS OPENH	EUR	15,0500	15,0500	15,0500			15,0500					
Certificate	DE000CY0AQG0	EUUSD 0.92TL OPENC	EUR	12,5900	12,5900	12,5900			12,5900					
Certificate	DE000CY0AQF2	EUUSD 0.94TL OPENC	EUR	10,6700	10,6700	10,6700			10,6700					
Certificate	DE000CY0AQE5	EUUSD 0.95TL OPENC	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	DE000CY0AQD7	EUUSD 0.96TL OPENC	EUR	8,7900	8,7900	8,7900			8,7900					
Certificate	DE000CJ3NT27	EUUSD 0.98TL 1218Z	EUR	1,4550	1,4550	1,4250			1,4250					
Certificate	DE000CY0AQC9	EUUSD 0.98TL OPENC	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	DE000CY50T23	EUUSD 0.99TL OPENC	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	NL0010930905	EUUSD 1.01TL OPENB	EUR	12,8250	12,8250	12,8250			12,8250					
Certificate	DE000CY50TY6	EUUSD 1.01TL OPENC	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	DE000CJ3NT35	EUUSD 1.02TL 1218Z	EUR	1,1050	1,1050	1,0750			1,0750					
Certificate	DE000CX592M1	EUUSD 1.02TL OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CY50TX8	EUUSD 1.03TL OPENC	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	DE000VN658J5	EUUSD 1.03TL OPENV	EUR	3,8445	3,8445	3,8445			3,8445					
Certificate	DE000CY0AW11	EUUSD 1.04TL OPENC	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CR6YKV8	EUUSD 1.04TL OPENZ	EUR	8,9100	8,9100	8,5600			8,5600					
Certificate	DE000CY165W3	EUUSD 1.05TL OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CY50TW0	EUUSD 1.05TL OPENC	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000CD646V0	EUUSD 1.05TL OPENZ	EUR	8,0400	8,0400	7,6900			7,6900					
Certificate	DE000CJ3NK75	EUUSD 1.06TL 1218Z	EUR	0,7550	0,7550	0,7250	730,0000	1	0,7250	1000				
Certificate	DE000CY165X1	EUUSD 1.06TL OPENC	EUR	0,8000	0,8100	0,4400	52,0000	1	0,4400	65				
Certificate	DE000CR6YKW6	EUUSD 1.06TL OPENZ	EUR	7,1450	7,1450	6,7900			6,7900					
Certificate	NL0011421037	EUUSD 1.06TRLOPENH	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	DE000CJ3NYQ9	EUUSD 1.075WT0119Z	EUR	6,8500	7,4300	6,8500			7,4300					
Certificate	DE000CQ58B40	EUUSD 1.07TL OPENC	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000CY50TV2	EUUSD 1.07TL OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CQ58125	EUUSD 1.07TL OPENC	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000CD63UB9	EUUSD 1.07TL OPENZ	EUR	6,2700	6,2700	5,9100			5,9100					
Certificate	DE000CQ58B57	EUUSD 1.08TL OPENC	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000CQ5AW95	EUUSD 1.09TL OPENC	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0011041421	EUUSD 1.09TL OPENH	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	DE000CV8A2R8	EUUSD 1.09TL OPENZ	EUR	4,5150	4,5150	4,1500			4,1500					
Certificate	DE000CY50TT6	EUUSD 1.11TL OPENC	EUR											
Certificate	DE000CQ5AWA0	EUUSD 1.11TL OPENC	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	LU1816970757	EUUSD 1.12TCIOPENS	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CJ3NK91	EUUSD 1.12TL 1218Z	EUR	0,2250	0,2250	0,1850			0,1850					
Certificate	DE000CQ58B73	EUUSD 1.12TL OPENC	EUR											
Certificate	NL0012200778	EUUSD 1.12TRLOPENH	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	DE000CJ3NYR7	EUUSD 1.135WT0119Z	EUR	4,2100	4,2100	3,2800			3,2800					
Certificate	NL0012889745	EUUSD 1.14TL OPENH	EUR											
Certificate	NL0013082928	EUUSD 1.14TRLOPENH	EUR											
Certificate	DE000CY52996	EUUSD 1.15TL OPENC	EUR											
Certificate	NL0013085632	EUUSD 1.16TRSOPENH	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0013013964	EUUSD 1.16TS OPENB	EUR	3,7000	4,1500	3,7000	47095,8500	2	4,1150	11999				
Certificate	NL0013083835	EUUSD 1.17TRSOPENH	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	DE000CJ3PAW2	EUUSD 1.17TS 1218Z	EUR	0,2250	0,2650	0,2250	364,0000	1	0,2650	1400				
Certificate	NL0013006331	EUUSD 1.17TS OPENB	EUR	5,0350	5,0350	5,0350			5,0350					
Certificate	NL0013004104	EUUSD 1.18TS OPENB	EUR	5,9350	5,9350	5,9350			5,9350					
Certificate	NL0012863765	EUUSD 1.19TRSOPENH	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	DE000CJ3NL88	EUUSD 1.19TS 1218Z	EUR	0,3950	0,4350	0,3950			0,4350					
Certificate	DE000CQ58B99	EUUSD 1.19TS OPENC	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	DE000CQ58204	EUUSD 1.19TS OPENC	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	NL0012862114	EUUSD 1.19TS OPENH	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	DE000VA3CE6	EUUSD 1.19TS OPENV	EUR	6,9450	6,9450	6,9450			6,9450					
Certificate	NL0012847610	EUUSD 1.21TRSOPENH	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	DE000CJ3NLC6	EUUSD 1.21TS 1218Z	EUR	0,5650	0,6050	0,5650			0,6050					
Certificate	DE000CQ58B80	EUUSD 1.21TS OPENC	EUR	7,3200	7,3200	7,3200			7,3200					
Certificate	DE000CQ58220	EUUSD 1.21TS OPENC	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	NL0012846638	EUUSD 1.21TS OPENH	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	DE000VA2T8V6	EUUSD 1.21TS OPENV	EUR	8,7650	8,7650	8,7650			8,7650					
Certificate	DE000CQ5AW20	EUUSD 1.22TS OPENC	EUR	7,1700	7,1700	7,1700			7,1700					



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	DE000CQ5AWC6	EUUSD 1.22TS OPENC	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	NL0012613632	EUUSD 1.22TS OPENH	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	DE000VA2T8X2	EUUSD 1.22TS OPENV	EUR	9,6550	9,6550	9,6550				9,6550				
Certificate	DE000CV88KW5	EUUSD 1.22TS OPENZ	EUR	6,8900	7,3000	6,8900				7,3000				
Certificate	NL0012612204	EUUSD 1.23TRSOPENH	EUR	8,3000	8,3000	8,3000				8,3000				
Certificate	DE000CJ3NLD4	EUUSD 1.23TS 1218Z	EUR	0,7450	0,7850	0,7450				0,7850				
Certificate	DE000CQ5AW38	EUUSD 1.23TS OPENC	EUR	8,0500	8,0500	8,0500				8,0500				
Certificate	DE000CQ5AWD4	EUUSD 1.23TS OPENC	EUR	8,9200	8,9200	8,9200				8,9200				
Certificate	DE000VA2T8Z7	EUUSD 1.23TS OPENV	EUR	10,5550	10,5550	10,5550				10,5550				
Certificate	DE000CV88K04	EUUSD 1.23TS OPENZ	EUR	7,7600	8,1800	7,7600				8,1800				
Certificate	DE000CQ5AWE2	EUUSD 1.24TS OPENC	EUR	9,8000	9,8000	9,8000				9,8000				
Certificate	DE000CQ5AW46	EUUSD 1.24TS OPENC	EUR	8,9200	8,9200	8,9200				8,9200				
Certificate	NL0012609036	EUUSD 1.24TS OPENH	EUR	9,7000	9,7000	9,7000				9,7000				
Certificate	DE000VA2T810	EUUSD 1.24TS OPENV	EUR	11,4550	11,4550	11,4550				11,4550				
Certificate	DE000CV88H33	EUUSD 1.24TS OPENZ	EUR	8,6400	9,0600	8,6400				9,0600				
Certificate	NL0012677231	EUUSD 1.25BS OPENB	EUR	10,1250	10,1250	10,1250				10,1250				
Certificate	LU1719404607	EUUSD 1.25TPPIOPENS	EUR											
Certificate	DE000CQ5AW53	EUUSD 1.25TS OPENC	EUR	9,8000	9,8000	9,8000				9,8000				
Certificate	DE000CY50U52	EUUSD 1.25TS OPENC	EUR											
Certificate	DE000CQ5AWF9	EUUSD 1.25TS OPENC	EUR	10,6800	10,6800	10,6800				10,6800				
Certificate	NL0012677249	EUUSD 1.26BS OPENB	EUR	11,0050	11,0050	11,0050				11,0050				
Certificate	LU1695201944	EUUSD 1.26TPPIOPENS	EUR											
Certificate	DE000VL2FQ76	EUUSD 1.26TS OPENV	EUR	10,8150	10,8150	10,8150				10,8150				
Certificate	LU1695202165	EUUSD 1.27TPPIOPENS	EUR											
Certificate	DE000CJ3NLE2	EUUSD 1.27TS 1218Z	EUR	1,0950	1,1350	1,0950				1,1350				
Certificate	DE000CY52XN7	EUUSD 1.27TS OPENC	EUR	12,3500	12,3500	12,3500				12,3500				
Certificate	DE000CY50U60	EUUSD 1.27TS OPENC	EUR	11,8300	11,8300	11,8300				11,8300				
Certificate	DE000CY52XF3	EUUSD 1.27TS OPENC	EUR	11,4700	11,4700	11,4700				11,4700				
Certificate	NL0012563597	EUUSD 1.27TS OPENH	EUR	12,4100	12,4100	12,4100				12,4100				
Certificate	DE000VL2FQ92	EUUSD 1.27TS OPENV	EUR	11,6950	11,6950	11,6950				11,6950				
Certificate	LU1695202249	EUUSD 1.28TPPIOPENS	EUR											
Certificate	DE000CY52XE6	EUUSD 1.28TS OPENC	EUR	12,3500	12,3500	12,3500				12,3500				
Certificate	DE000CY16ZQ0	EUUSD 1.28TS OPENC	EUR	11,7600	11,7600	11,7600				11,7600				
Certificate	NL0012552467	EUUSD 1.28TS OPENH	EUR	13,2700	13,2700	13,2700				13,2700				
Certificate	LU1695202322	EUUSD 1.29TPPIOPENS	EUR											
Certificate	DE000CY52XD8	EUUSD 1.29TS OPENC	EUR	13,2200	13,2200	13,2200				13,2200				
Certificate	DE000CY50U78	EUUSD 1.29TS OPENC	EUR	13,5700	13,5700	13,5700				13,5700				
Certificate	DE000CY52XM9	EUUSD 1.29TS OPENC	EUR	14,1000	14,1000	14,1000				14,1000				
Certificate	DE000CJ3NLF9	EUUSD 1.31TS 1218Z	EUR	1,4350	1,4850	1,4350				1,4850				
Certificate	DE000CY50U86	EUUSD 1.31TS OPENC	EUR	15,3200	15,3200	15,3200				15,3200				
Certificate	DE000CY52XB2	EUUSD 1.31TS OPENC	EUR	14,9700	14,9700	14,9700				14,9700				
Certificate	DE000CQ5AWG7	EUUSD 1.31TS OPENC	EUR	15,9500	15,9500	15,9500				15,9500				
Certificate	NL0013085889	EUUSD 1.32TRSOPENH	EUR	16,2000	16,2000	16,2000				16,2000				
Certificate	NL0013083777	EUUSD 1.32TRSOPENH	EUR	16,2200	16,2200	16,2200				16,2200				
Certificate	DE000CY52XA4	EUUSD 1.32TS OPENC	EUR	15,8500	15,8500	15,8500				15,8500				
Certificate	DE000CQ5AWH5	EUUSD 1.32TS OPENC	EUR	16,8300	16,8300	16,8300				16,8300				
Certificate	NL0013083751	EUUSD 1.33TRSOPENH	EUR	17,1000	17,1000	17,1000				17,1000				
Certificate	DE000CY52X99	EUUSD 1.33TS OPENC	EUR	16,7300	16,7300	16,7300				16,7300				
Certificate	DE000CY50U94	EUUSD 1.34TS OPENC	EUR	17,9400	17,9400	17,9400				17,9400				
Certificate	DE000CY52X81	EUUSD 1.34TS OPENC	EUR	17,6000	17,6000	17,6000				17,6000				
Certificate	DE000CJ3NT43	EUUSD 1.35TS 1218Z	EUR	1,7850	1,8350	1,7850				1,8350				
Certificate	DE000CY52XL1	EUUSD 1.35TS OPENC	EUR	19,3600	19,3600	19,3600				19,3600				
Certificate	DE000CY52X73	EUUSD 1.35TS OPENC	EUR	18,4800	18,4800	18,4800				18,4800				
Certificate	DE000CZ7DV92	EUUSD 1.37TS OPENZ	EUR	20,0600	20,5200	20,0600				20,5200				
Certificate	DE000CV87HE1	EUUSD 1.41TS OPENZ	EUR	23,5600	24,0400	23,5600				24,0400				
Certificate	NL0012907372	EUUSD.8275TRLOPENH	EUR	27,3100	27,3100	27,3100				27,3100				
Certificate	NL0012906101	EUUSD.8476TRLOPENH	EUR	25,5400	25,5400	25,5400				25,5400				
Certificate	NL0012898902	EUUSD.8739TRLOPENH	EUR	23,2200	23,2200	23,2200				23,2200				
Certificate	NL0012906093	EUUSD.8977TRLOPENH	EUR	21,1200	21,1200	21,1200				21,1200				
Certificate	NL0012904478	EUUSD.9183TRLOPENH	EUR	19,3100	19,3100	19,3100				19,3100				
Certificate	NL0012898886	EUUSD.9593TRLOPENH	EUR	15,7100	15,7100	15,7100				15,7100				
Certificate	NL0013086911	EUUSD.9801TRLOPENH	EUR	13,8800	13,8800	13,8800				13,8800				
Certificate	NL0012904460	EUUSD.9886TRLOPENH	EUR	13,1400	13,1400	13,1400				13,1400				
Certificate	NL0013083918	EUUSD.9958TRLOPENH	EUR	12,5000	12,5000	12,5000				12,5000				
Certificate	NL0012089304	EUUSD0.813TL OPENH	EUR	28,6900	28,6900	28,6900				28,6900				
Certificate	NL0012089296	EUUSD0.823TL OPENH	EUR	27,8100	27,8100	27,8100				27,8100				
Certificate	NL0012091367	EUUSD0.845TL OPENH	EUR	25,8700	25,8700	25,8700				25,8700				
Certificate	NL0011593496	EUUSD0.849TL OPENH	EUR	26,2600	26,2600	26,2600				26,2600				
Certificate	NL0012852255	EUUSD0.866TL OPENH	EUR	24,0500	24,0500	24,0500				24,0500				
Certificate	NL0012852222	EUUSD0.891TL OPENH	EUR	21,8300	21,8300	21,8300				21,8300				
Certificate	NL0012852180	EUUSD0.911TL OPENH	EUR	20,0700	20,0700	20,0700				20,0700				
Certificate	DE000CV8ATU1	EUUSD0.927TL OPENZ	EUR	18,7900	18,7900	18,4700				18,4700				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011231253	EUUSD0.932TL OPENH	EUR	19,0300	19,0300	19,0300			19,0300					
Certificate	NL0012107593	EUUSD0.937TL OPENB	EUR	19,1350	19,1350	19,1350			19,1350					
Certificate	NL0012852156	EUUSD0.937TL OPENH	EUR	17,8000	17,8000	17,8000			17,8000					
Certificate	NL0012906085	EUUSD0.943TRLOPENH	EUR	17,1600	17,1600	17,1600			17,1600					
Certificate	NL0012852123	EUUSD0.962TL OPENH	EUR	15,5800	15,5800	15,5800			15,5800					
Certificate	DE000CD64DQ1	EUUSD0.968TL OPENZ	EUR	15,1900	15,1900	14,8700			14,8700					
Certificate	NL0012091342	EUUSD0.984TL OPENH	EUR	13,7400	13,7400	13,7400			13,7400					
Certificate	LU1756896566	EUUSD1.001TCIOPENS	EUR											
Certificate	NL0013083900	EUUSD1.001TRLOPENH	EUR	12,0600	12,0600	12,0600			12,0600					
Certificate	NL0012089197	EUUSD1.005TL OPENH	EUR	11,8600	11,8600	11,8600			11,8600					
Certificate	NL0013083892	EUUSD1.006TRLOPENH	EUR	11,6200	11,6200	11,6200			11,6200					
Certificate	NL0012089189	EUUSD1.015TL OPENH	EUR	10,9400	10,9400	10,9400			10,9400					
Certificate	NL0012898860	EUUSD1.015TRLOPENH	EUR	10,8500	10,8500	10,8500			10,8500					
Certificate	DE000CV8ATV9	EUUSD1.019TL OPENZ	EUR	10,7300	10,7300	10,3900			10,3900					
Certificate	NL0013083884	EUUSD1.021TRLOPENH	EUR	10,3000	10,3000	10,3000			10,3000					
Certificate	NL0012852057	EUUSD1.024TL OPENH	EUR	10,2000	10,2000	10,2000			10,2000					
Certificate	NL0013083876	EUUSD1.026TRLOPENH	EUR	9,8600	9,8600	9,8600			9,8600					
Certificate	NL0012852040	EUUSD1.029TL OPENH	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	LU1756896723	EUUSD1.031TCIOPENS	EUR											
Certificate	NL0013078199	EUUSD1.032TRLOPENH	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	DE000VN66LF1	EUUSD1.038TL OPENV	EUR	3,4065	3,4065	3,4065			3,4065					
Certificate	NL0012903892	EUUSD1.041TL OPENH	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	DE000VN66LH7	EUUSD1.043TL OPENV	EUR	2,9425	2,9425	2,9425			2,9425					
Certificate	NL0012904452	EUUSD1.044TRLOPENH	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	DE000VN66LK1	EUUSD1.048TL OPENV	EUR	2,4785	2,4785	2,4785			2,4785					
Certificate	NL0012102560	EUUSD1.051BL OPENB	EUR	7,7350	7,7350	7,7350			7,7350					
Certificate	NL0011046560	EUUSD1.051TRLOPENH	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	NL0013083868	EUUSD1.051TRLOPENH	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	NL0012896047	EUUSD1.053TL OPENH	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	DE000VN66LL9	EUUSD1.053TL OPENV	EUR	2,0055	2,0055	2,0055			2,0055					
Certificate	NL0010930921	EUUSD1.056TL OPENB	EUR	8,8900	8,8900	8,8650	17780,0000	1	8,8650	2000				
Certificate	DE000VN66LA2	EUUSD1.056TL OPENV	EUR	3,6265	3,6265	3,6265			3,6265					
Certificate	NL0013084692	EUUSD1.056TRLOPENH	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	NL0012089130	EUUSD1.058TL OPENH	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	LU1756897028	EUUSD1.061TCIOPENS	EUR											
Certificate	DE000VN66LC8	EUUSD1.061TL OPENV	EUR	3,1615	3,1615	3,1615			3,1615					
Certificate	NL0013082407	EUUSD1.061TRLOPENH	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	NL0011046172	EUUSD1.063TRLOPENH	EUR											
Certificate	NL0011041371	EUUSD1.064TL OPENH	EUR											
Certificate	DE000VN66RJ0	EUUSD1.064TL OPENV	EUR	1,1035	1,1035	1,1035			1,1035					
Certificate	DE000VN66Q50	EUUSD1.066TL OPENV	EUR	2,8285	2,8285	2,8285			2,8285					
Certificate	NL0013083850	EUUSD1.066TRLOPENH	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	NL0011046925	EUUSD1.067TL OPENH	EUR	7,3400	7,3400	7,3200	14680,0000	1	7,3200	2000				
Certificate	NL0012852008	EUUSD1.069TL OPENH	EUR	6,5300	6,5300	6,2000	13060,0000	1	6,2000	2000				
Certificate	DE000VN66RK8	EUUSD1.069TL OPENV	EUR	0,6485	0,6485	0,6485			0,6485					
Certificate	DE000VN66Q76	EUUSD1.071TL OPENV	EUR	2,3465	2,3465	2,3465			2,3465					
Certificate	NL0012198253	EUUSD1.072TRLOPENH	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	DE000VN66RL6	EUUSD1.074TL OPENV	EUR	0,6150	0,7020	0,1835	2604,1300	13	0,1835	6172				
Certificate	NL0012089114	EUUSD1.075TL OPENH	EUR	6,0700	6,0700	5,7400	12140,0000	1	5,7400	2000				
Certificate	DE000VN66Q92	EUUSD1.076TL OPENV	EUR	1,9085	1,9085	1,9085			1,9085					
Certificate	DE000VASRER1	EUUSD1.076TL OPENV	EUR	4,5805	4,5805	4,5805			4,5805					
Certificate	DE000VASREM2	EUUSD1.077TL OPENV	EUR	6,3850	6,3850	6,3850			6,3850					
Certificate	NL0012102545	EUUSD1.078TL OPENB	EUR	7,2800	7,2800	6,9050	14645,4000	3	6,9050	2110				
Certificate	NL0012178131	EUUSD1.078TRLOPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0012851992	EUUSD1.079TL OPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	LU1756897374	EUUSD1.081TCIOPENS	EUR											
Certificate	DE000VASREN0	EUUSD1.082TL OPENV	EUR	5,9450	5,9450	5,9450			5,9450					
Certificate	DE000CR6Y9Y1	EUUSD1.082TL OPENZ	EUR	5,1800	5,1800	4,8150			4,8150					
Certificate	NL0012178123	EUUSD1.083TRLOPENH	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	DE000VASREP5	EUUSD1.087TL OPENV	EUR	5,5150	5,5150	5,5150			5,5150					
Certificate	NL0012095228	EUUSD1.089TRLOPENH	EUR	4,6300	4,7600	4,2900	22,9600	5	4,2900	5				
Certificate	DE000VASREQ3	EUUSD1.092TL OPENV	EUR	5,0750	5,0750	5,0750			5,0750					
Certificate	NL0012851976	EUUSD1.095TL OPENH	EUR	3,9400	3,9400	3,9400	591,0000	1	3,9400	150				
Certificate	NL0012094981	EUUSD1.095TRLOPENH	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000VA4Y147	EUUSD1.097TL OPENV	EUR	4,5565	4,5565	4,5565			4,5565					
Certificate	NL0010930947	EUUSD1.101TL OPENB	EUR	5,2800	5,2850	4,9050	5,2800	1	4,9050	1				
Certificate	NL0012089072	EUUSD1.101TL OPENH	EUR	3,4900	3,5000	3,4200	55110,0000	8	3,4200	16000				
Certificate	NL0012176713	EUUSD1.102TRLOPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	NL0012176697	EUUSD1.104TRLOPENH	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	LU1816970674	EUUSD1.105TCIOPENS	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	DE000CV8AVK8	EUUSD1.105TL OPENZ	EUR	3,1750	3,1750	2,8050			2,8050					
Certificate	NL0011081849	EUUSD1.106BL OPENB	EUR	3,3200	3,3250	2,9050	5830,0000	3	2,9050	1890				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012176663	EUUSD1.108TRLOPENH	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	NL0012176655	EUUSD1.109TRLOPENH	EUR	2,9500	2,9500	2,5400	4195,0400	4	2,5400	1517				
Certificate	NL0012089056	EUUSD1.111TL OPENH	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000CR9NZF6	EUUSD1.111TL OPENZ	EUR	2,6950	2,6950	2,3200			2,3200					
Certificate	NL0012091763	EUUSD1.111TRLOPENH	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0012105050	EUUSD1.112TL OPENB	EUR	4,0050	4,0050	4,0050			4,0050					
Certificate	NL0012195887	EUUSD1.113TL OPENH	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0012195689	EUUSD1.113TRLOPENH	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	NL0012988794	EUUSD1.114BL OPENB	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	NL0012195879	EUUSD1.114TL OPENH	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	NL0012195671	EUUSD1.114TRLOPENH	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	DE000CV8ATW7	EUUSD1.115TL OPENZ	EUR	2,2950	2,2950	1,9200			1,9200					
Certificate	NL0012195663	EUUSD1.115TRLOPENH	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	NL0012089049	EUUSD1.116TL OPENH	EUR	2,1100	2,1100	2,0700	10550,0000	1	2,0700	5000				
Certificate	DE000VAGT1S3	EUUSD1.116TL OPENV	EUR	1,5585	1,5585	1,5585			1,5585					
Certificate	NL0012091755	EUUSD1.116TRLOPENH	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	NL0012095210	EUUSD1.117TRLOPENH	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	NL0012174015	EUUSD1.118TL OPENH	EUR	2,0000	2,0000	1,9600	500,0000	1	1,9600	250				
Certificate	NL0012200794	EUUSD1.118TRLOPENH	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	NL0012033740	EUUSD1.119BL OPENB	EUR	2,0800	2,0850	1,7150	471,2000	2	1,7150	240				
Certificate	NL0012201255	EUUSD1.121TL OPENH	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CD64DR9	EUUSD1.121TL OPENZ	EUR	1,7950	1,7950	1,4200			1,4200					
Certificate	NL0012200760	EUUSD1.121TRLOPENH	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0012119473	EUUSD1.122TL OPENB	EUR	3,5400	3,5400	3,1550	14202,2000	3	3,1550	4350				
Certificate	LU1816970831	EUUSD1.125TCIOPENB	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	NL0012938963	EUUSD1.125TL OPENH	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CV8APC7	EUUSD1.125TL OPENZ	EUR	1,4250	1,4250	1,0450			1,0450					
Certificate	NL0013007495	EUUSD1.126BL OPENB	EUR	1,0600	1,0750	1,0600	371,0000	1	1,0750	350				
Certificate	NL0012212872	EUUSD1.126TL OPENH	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	NL0012212716	EUUSD1.126TRLOPENH	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0012212690	EUUSD1.128TRLOPENH	EUR	1,2400	1,2900	0,8300	2127,0000	4	0,8300	2100				
Certificate	NL0012212849	EUUSD1.129TL OPENH	EUR	1,4500	1,4500	0,9400	7250,0000	1	0,9400	5000				
Certificate	NL0012212682	EUUSD1.129TRLOPENH	EUR	1,1300	1,1400	0,7400	2672,0000	3	0,7400	2400				
Certificate	NL0012794200	EUUSD1.131BL OPENB	EUR	1,0500	1,0550	0,6200	2456,0500	6	0,6350	3126				
Certificate	NL0012260954	EUUSD1.131TL OPENB	EUR	2,6700	2,6700	2,3150	170,8800	1	2,3150	64				
Certificate	NL0012938922	EUUSD1.131TL OPENH	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CE6CFL0	EUUSD1.131TL OPENZ	EUR	0,9500	0,9500	0,5700			0,5700					
Certificate	NL0013079825	EUUSD1.131TRLOPENH	EUR	0,6000	0,6000	0,5700	42,0000	1	0,5700	70				
Certificate	DE000VASRNM3	EUUSD1.132TL OPENV	EUR											
Certificate	NL0012214407	EUUSD1.133TL OPENH	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0012907364	EUUSD1.134TRLOPENH	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CV8AZY0	EUUSD1.135TL OPENZ	EUR	0,5650	0,5650	0,1750			0,1750					
Certificate	NL0012988430	EUUSD1.136BL OPENB	EUR	0,6200	0,6500	0,1400	6090,1000	20	0,1450	13570				
Certificate	NL0012214373	EUUSD1.136TL OPENH	EUR	0,4000	0,4000	0,3600	7360,0000	3	0,3600	18400				
Certificate	DE000VASRNJ9	EUUSD1.136TL OPENV	EUR											
Certificate	NL0012238505	EUUSD1.136TRLOPENH	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	DE000VASRNN1	EUUSD1.137TL OPENV	EUR											
Certificate	NL0012238497	EUUSD1.137TRLOPENH	EUR	0,4600	0,5800	0,2400	3109,8000	11	0,2400	7540				
Certificate	NL0012889760	EUUSD1.138TL OPENH	EUR											
Certificate	NL0012238489	EUUSD1.138TRLOPENH	EUR											
Certificate	NL0012991095	EUUSD1.141TL OPENB	EUR											
Certificate	NL0013083843	EUUSD1.141TRLOPENH	EUR											
Certificate	NL0012793145	EUUSD1.142BL OPENB	EUR											
Certificate	NL0012889711	EUUSD1.143TL OPENH	EUR											
Certificate	NL0012889497	EUUSD1.143TRLOPENH	EUR											
Certificate	NL0013082399	EUUSD1.143TRLOPENH	EUR											
Certificate	NL0013082597	EUUSD1.145TL OPENH	EUR											
Certificate	NL0013082381	EUUSD1.145TRLOPENH	EUR											
Certificate	LU1841026500	EUUSD1.146TCIOPENB	EUR											
Certificate	NL0012991103	EUUSD1.146TL OPENB	EUR											
Certificate	NL0013010705	EUUSD1.147TL OPENB	EUR											
Certificate	NL0013082373	EUUSD1.147TRLOPENH	EUR											
Certificate	NL0013085657	EUUSD1.158TRSOPEH	EUR	1,6500	1,9500	1,4500	21835,0000	11	1,9500	12600				
Certificate	NL0013085640	EUUSD1.159TRSOPEH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CJ3PE06	EUUSD1.159TS OPENZ	EUR	1,6050	1,9950	1,6000	1924,2500	7	1,9950	1100				
Certificate	NL0012970065	EUUSD1.161TL OPENB	EUR											
Certificate	NL0013085624	EUUSD1.161TRSOPEH	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	NL0013087349	EUUSD1.161TS OPENH	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0013085616	EUUSD1.162TRSOPEH	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	NL0013085608	EUUSD1.163TRSOPEH	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0012907356	EUUSD1.164TRSOPEH	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	NL0012907570	EUUSD1.164TS OPENH	EUR	2,9500	2,9500	2,9500			2,9500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3NZQ6	EUUSD1.164TS OPENZ	EUR	2,0350	2,4300	2,0350			2,4300					
Certificate	NL0012907349	EUUSD1.166TRSOPENH	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	DE000VA7PVC7	EUUSD1.166TS OPENV	EUR	4,6795	4,6795	4,6795			4,6795					
Certificate	NL0013084684	EUUSD1.167TRSOPENH	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	NL0012907562	EUUSD1.167TS OPENH	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	NL0013086903	EUUSD1.169TRSOPENH	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	NL0012906366	EUUSD1.169TRSOPENH	EUR	2,5800	2,9200	2,5800	10450,0000	4	2,9200	4000				
Certificate	NL0012906689	EUUSD1.169TS OPENH	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	DE000VA8FRX0	EUUSD1.169TS OPENV	EUR	2,8985	2,8985	2,8985			2,8985					
Certificate	DE000CJ3PCJ5	EUUSD1.169TS OPENZ	EUR	2,4850	2,8750	2,4850			2,8750					
Certificate	NL0013013774	EUUSD1.171BS OPENB	EUR	2,6800	3,0950	2,6500	3567,6500	4	3,0950	1301				
Certificate	LU1840909615	EUUSD1.171TPIOPENS	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000VA7PVD5	EUUSD1.171TS OPENV	EUR	5,1250	5,1250	5,1250			5,1250					
Certificate	NL0013078181	EUUSD1.172TRSOPENH	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0013081672	EUUSD1.172TS OPENH	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	NL0013083827	EUUSD1.173TRSOPENH	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	NL0012906267	EUUSD1.174TS OPENH	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	DE000VA7PU92	EUUSD1.174TS OPENV	EUR	3,3455	3,3455	3,3455			3,3455					
Certificate	DE000CJ3NVV3	EUUSD1.174TS OPENZ	EUR	2,9300	3,3250	2,9300			3,3250					
Certificate	NL0012905723	EUUSD1.175TRSOPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	NL0013083819	EUUSD1.176TRSOPENH	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	NL0012907059	EUUSD1.176TS OPENH	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	NL0012905863	EUUSD1.176TS OPENH	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	DE000VA640R1	EUUSD1.176TS OPENV	EUR	5,5750	5,5750	5,5750			5,5750					
Certificate	NL0013083801	EUUSD1.177TRSOPENH	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	NL0013084676	EUUSD1.178TRSOPENH	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	NL0012906259	EUUSD1.178TS OPENH	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	DE000CV8A2T4	EUUSD1.178TS OPENZ	EUR											
Certificate	NL0012905715	EUUSD1.179TRSOPENH	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	DE000VA640P5	EUUSD1.179TS OPENV	EUR	3,7825	3,7825	3,7825			3,7825					
Certificate	DE000CJ3NVX1	EUUSD1.179TS OPENZ	EUR	3,3700	3,7650	3,3700			3,7650					
Certificate	NL0013004336	EUUSD1.181BS OPENB	EUR	3,6100	3,9750	3,6100	722,0000	1	3,9750	200				
Certificate	DE000VA64Y40	EUUSD1.181TS OPENV	EUR	6,0250	6,0250	6,0250			6,0250					
Certificate	NL0013082365	EUUSD1.182TRSOPENH	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	LU1840909706	EUUSD1.183TPIOPENS	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	NL0012915508	EUUSD1.183TS OPENH	EUR	4,2200	4,6500	4,1100	263820,0000	47	4,6500	62000				
Certificate	NL0012915953	EUUSD1.184TRSOPENH	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	NL0012920862	EUUSD1.184TS OPENH	EUR	4,3100	4,7300	4,3000	17260,0000	4	4,7300	4000				
Certificate	DE000VA4Y121	EUUSD1.184TS OPENV	EUR	4,2205	4,2205	4,2205			4,2205					
Certificate	DE000CV8AJ16	EUUSD1.184TS OPENZ	EUR	3,8150	4,2100	3,8150			4,2100					
Certificate	NL0012915946	EUUSD1.185TRSOPENH	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0012915490	EUUSD1.185TS OPENH	EUR	4,4000	4,8200	4,4000	8820,0000	2	4,8200	2000				
Certificate	DE000VA3ECD8	EUUSD1.185TS OPENV	EUR	6,4950	6,4950	6,4950			6,4950					
Certificate	NL0012922280	EUUSD1.186TS OPENH	EUR	4,4800	4,9000	4,4800	8980,0000	2	4,9000	2000				
Certificate	LU1756999378	EUUSD1.187TPIOPENS	EUR											
Certificate	NL0012902639	EUUSD1.187TRSOPENH	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	NL0012862148	EUUSD1.187TS OPENH	EUR	5,0000	5,0100	5,0000	10000,0000	1	5,0100	2000				
Certificate	NL0012862130	EUUSD1.188TS OPENH	EUR	5,1000	5,1000	5,0900	10200,0000	1	5,0900	2000				
Certificate	DE000VA15U51	EUUSD1.188TS OPENV	EUR	4,6505	4,6505	4,6505			4,6505					
Certificate	NL0012863773	EUUSD1.189TRSOPENH	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	NL0012922843	EUUSD1.189TRSOPENH	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	NL0012862122	EUUSD1.189TS OPENH	EUR	5,1900	5,1900	5,1800	10380,0000	1	5,1800	2000				
Certificate	DE000CV89254	EUUSD1.189TS OPENZ	EUR	4,2500	4,6500	4,2500			4,6500					
Certificate	NL0012792535	EUUSD1.191BS OPENB	EUR	4,8650	4,8650	4,8650			4,8650					
Certificate	NL0012863757	EUUSD1.191TRSOPENH	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	NL0012792659	EUUSD1.191TS OPENB	EUR	6,8650	6,8650	6,8650			6,8650					
Certificate	LU1756999535	EUUSD1.192TPIOPENS	EUR											
Certificate	NL0012863740	EUUSD1.192TRSOPENH	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	NL0012863948	EUUSD1.192TS OPENH	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0012863930	EUUSD1.193TS OPENH	EUR	5,4100	5,5300	5,4100	27050,0000	1	5,5300	5000				
Certificate	DE000VA15U69	EUUSD1.193TS OPENV	EUR	5,0850	5,0850	5,0850			5,0850					
Certificate	NL0012863724	EUUSD1.194TRSOPENH	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	NL0012863922	EUUSD1.194TS OPENH	EUR	5,5000	5,6200	5,5000	55000,0000	2	5,6200	10000				
Certificate	DE000CV8A0Y8	EUUSD1.194TS OPENZ	EUR	4,6950	5,1000	4,6950			5,1000					
Certificate	NL0012862379	EUUSD1.195TS OPENH	EUR	5,5900	5,7100	5,5900	27950,0000	1	5,7100	5000				
Certificate	NL0012861884	EUUSD1.196TS OPENH	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000VAGT126	EUUSD1.196TS OPENV	EUR	7,3750	7,3750	7,3750			7,3750					
Certificate	LU1756999709	EUUSD1.197TPIOPENS	EUR											
Certificate	NL0012863260	EUUSD1.197TRSOPENH	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	NL0012861876	EUUSD1.197TS OPENH	EUR	5,7700	5,8900	5,7700	28850,0000	1	5,8900	5000				
Certificate	NL0012861868	EUUSD1.198TS OPENH	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000VA15U85	EUUSD1.198TS OPENV	EUR	5,5250	5,5250	5,5250			5,5250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012609655	EUUSD1.1997L OPENH	EUR											
Certificate	NL0012609390	EUUSD1.1997RLOPENH	EUR											
Certificate	NL0012861728	EUUSD1.1997RSOPENH	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0012861850	EUUSD1.1997S OPENH	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0012791339	EUUSD1.2018S OPENB	EUR	5,7450	5,7450	5,7450			5,7450					
Certificate	NL0012552699	EUUSD1.2017L OPENH	EUR											
Certificate	NL0012790372	EUUSD1.2017S OPENB	EUR	7,6400	7,7750	7,6400	2083,8000	3	7,7750	270				
Certificate	NL0012849327	EUUSD1.2017S OPENH	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	NL0012609093	EUUSD1.2027L OPENH	EUR											
Certificate	LU1756856859	EUUSD1.2027PIOPENS	EUR											
Certificate	NL0012608897	EUUSD1.2027RLOPENH	EUR											
Certificate	NL0012861694	EUUSD1.2027RSOPENH	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	NL0012849319	EUUSD1.2027S OPENH	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	NL0012584585	EUUSD1.2037L OPENH	EUR											
Certificate	DE000VA15RK2	EUUSD1.2037S OPENV	EUR	5,9750	5,9750	5,9750			5,9750					
Certificate	NL0012609085	EUUSD1.2047L OPENH	EUR											
Certificate	NL0012554711	EUUSD1.2047RLOPENH	EUR											
Certificate	NL0012850994	EUUSD1.2047RSOPENH	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	NL0012848022	EUUSD1.2047S OPENH	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	DE000CV8A0Z5	EUUSD1.2047S OPENZ	EUR	5,5700	5,9800	5,5700			5,9800					
Certificate	NL0012585277	EUUSD1.2057L OPENH	EUR											
Certificate	NL0012848014	EUUSD1.2057S OPENH	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	DE000VA2T8U8	EUUSD1.2057S OPENV	EUR	8,3150	8,3150	8,3150			8,3150					
Certificate	NL0012585814	EUUSD1.2067RLOPENH	EUR											
Certificate	NL0012848295	EUUSD1.2067RSOPENH	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	NL0012847065	EUUSD1.2067S OPENH	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	NL0012847057	EUUSD1.2077S OPENH	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	NL0012847040	EUUSD1.2087S OPENH	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	DE000VA15RM8	EUUSD1.2087S OPENV	EUR	6,4150	6,4150	6,4150			6,4150					
Certificate	LU1756401268	EUUSD1.2097PIOPENS	EUR											
Certificate	NL0012847032	EUUSD1.2097S OPENH	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	DE000CV88N27	EUUSD1.2097S OPENZ	EUR	6,0100	6,4200	6,0100			6,4200					
Certificate	NL0012788178	EUUSD1.2118S OPENB	EUR	6,1600	6,6150	6,1600	6,1600	1	6,6150	1				
Certificate	NL0012788442	EUUSD1.2117S OPENB	EUR	8,2800	8,6850	8,2750	430,5600	1	8,6850	52				
Certificate	NL0012846620	EUUSD1.2117S OPENH	EUR	7,1300	7,1300	7,1300			7,1300					
Certificate	NL0012615553	EUUSD1.2137S OPENH	EUR	7,3100	7,3100	7,3100			7,3100					
Certificate	DE000VA2T5Y6	EUUSD1.2137S OPENV	EUR	6,8550	6,8550	6,8550			6,8550					
Certificate	NL0012520126	EUUSD1.2147RSOPENH	EUR											
Certificate	NL0012615777	EUUSD1.2147RSOPENH	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	DE000CV8A104	EUUSD1.2147S OPENZ	EUR	6,4500	6,8600	6,4500			6,8600					
Certificate	NL0012613673	EUUSD1.2157S OPENH	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	DE000VA2T8W4	EUUSD1.2157S OPENV	EUR	9,2050	9,2050	9,2050			9,2050					
Certificate	NL0012612675	EUUSD1.2187RSOPENH	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	DE000VA12DX3	EUUSD1.2187S OPENV	EUR	7,2950	7,2950	7,2950			7,2950					
Certificate	LU1756401342	EUUSD1.2197PIOPENS	EUR											
Certificate	NL0012786347	EUUSD1.2218S OPENB	EUR	7,4950	7,4950	7,4950			7,4950					
Certificate	NL0012786545	EUUSD1.2217S OPENB	EUR	9,5850	9,5850	9,5850			9,5850					
Certificate	NL0012615546	EUUSD1.2237S OPENH	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	DE000VA12DZ8	EUUSD1.2237S OPENV	EUR	7,7350	7,7350	7,7350			7,7350					
Certificate	NL0012611545	EUUSD1.2247S OPENH	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	DE000CJ3NRS9	EUUSD1.2247S OPENZ	EUR	7,3200	7,7300	7,3200			7,7300					
Certificate	DE000VA2T8Y0	EUUSD1.2257S OPENV	EUR	10,1050	10,1050	10,1050			10,1050					
Certificate	NL0012612634	EUUSD1.2267RSOPENH	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	NL0012611503	EUUSD1.2287S OPENH	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000VA12D14	EUUSD1.2287S OPENV	EUR	8,1750	8,1750	8,1750			8,1750					
Certificate	LU1756820665	EUUSD1.2297PIOPENS	EUR											
Certificate	NL0012786354	EUUSD1.2318S OPENB	EUR	8,3750	8,3750	8,3750			8,3750					
Certificate	NL0012785588	EUUSD1.2317S OPENB	EUR	10,1000	10,4850	10,1000	2020,0000	1	10,4850	200				
Certificate	NL0012611065	EUUSD1.2327S OPENH	EUR	8,9900	8,9900	8,9900			8,9900					
Certificate	DE000VA12D30	EUUSD1.2337S OPENV	EUR	8,6150	8,6150	8,6150			8,6150					
Certificate	NL0012611248	EUUSD1.2347RSOPENH	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	DE000VA2T802	EUUSD1.2357S OPENV	EUR	11,0050	11,0050	11,0050			11,0050					
Certificate	NL0012609614	EUUSD1.2367S OPENH	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	NL0012609366	EUUSD1.2387RSOPENH	EUR	9,0100	9,0100	9,0100			9,0100					
Certificate	DE000VA12D55	EUUSD1.2387S OPENV	EUR	9,0550	9,0550	9,0550			9,0550					
Certificate	LU1756820822	EUUSD1.2397PIOPENS	EUR											
Certificate	NL0012784540	EUUSD1.2417S OPENB	EUR	11,3850	11,3850	11,3850			11,3850					
Certificate	NL0012609028	EUUSD1.2417S OPENH	EUR	9,7800	9,7800	9,7800			9,7800					
Certificate	NL0012608863	EUUSD1.2427RSOPENH	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	NL0012609099	EUUSD1.2457S OPENH	EUR	10,1400	10,1400	10,1400			10,1400					
Certificate	DE000VA2T828	EUUSD1.2457S OPENV	EUR	11,9050	11,9050	11,9050			11,9050					
Certificate	NL0012602163	EUUSD1.2467RSOPENH	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	NL0012600951	EUUSD1.246TS OPENH	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	NL0012600688	EUUSD1.247TRSOPENH	EUR	9,8100	9,8100	9,8100			9,8100					
Certificate	NL0012600936	EUUSD1.248TS OPENH	EUR	10,4100	10,4100	10,4100			10,4100					
Certificate	DE000VA1S524	EUUSD1.248TS OPENV	EUR	9,9350	9,9350	9,9350			9,9350					
Certificate	DE000CV886D8	EUUSD1.249TS OPENZ	EUR	9,4600	9,8800	9,4600			9,8800					
Certificate	NL0012600647	EUUSD1.252TRSOPENH	EUR	10,1800	10,1800	10,1800			10,1800					
Certificate	NL0012581888	EUUSD1.253TS OPENH	EUR	10,8300	10,8300	10,8300			10,8300					
Certificate	DE000VA1S532	EUUSD1.253TS OPENV	EUR	10,3750	10,3750	10,3750			10,3750					
Certificate	LU1719404789	EUUSD1.255TPIOPEN5	EUR											
Certificate	NL0012582050	EUUSD1.256TRSOPENH	EUR	10,5400	10,5400	10,5400			10,5400					
Certificate	NL0012605372	EUUSD1.256TS OPENH	EUR	11,1100	11,1100	11,1100			11,1100					
Certificate	NL0012582043	EUUSD1.257TRSOPENH	EUR	10,6300	10,6300	10,6300			10,6300					
Certificate	NL0012560254	EUUSD1.259TS OPENH	EUR	11,4300	11,4300	11,4300			11,4300					
Certificate	DE000CE6E2D2	EUUSD1.259TS OPENZ	EUR	10,3800	10,8000	10,3800			10,8000					
Certificate	NL0012581748	EUUSD1.261TRSOPENH	EUR	10,9900	10,9900	10,9900			10,9900					
Certificate	DE000CV52XG1	EUUSD1.261TS OPENC	EUR	10,5900	10,5900	10,5900			10,5900					
Certificate	NL0012560734	EUUSD1.263TRSOPENH	EUR	11,1800	11,1800	11,1800			11,1800					
Certificate	NL0012560221	EUUSD1.263TS OPENH	EUR	11,7800	11,7800	11,7800			11,7800					
Certificate	NL0012088728	EUUSD1.263TS OPENH	EUR	11,7200	11,7200	11,7200			11,7200					
Certificate	LU1695202082	EUUSD1.265TPIOPEN5	EUR											
Certificate	DE000VL2FQ84	EUUSD1.265TS OPENV	EUR	11,2550	11,2550	11,2550			11,2550					
Certificate	NL0012436257	EUUSD1.267TRSOPENH	EUR	11,5300	11,5300	11,5300			11,5300					
Certificate	NL0012560999	EUUSD1.267TS OPENH	EUR	12,1400	12,1400	12,1400			12,1400					
Certificate	NL0012560700	EUUSD1.268TRSOPENH	EUR	11,6200	11,6200	11,6200			11,6200					
Certificate	DE000CE6E523	EUUSD1.269TS OPENZ	EUR	11,2400	11,6700	11,2400			11,6700					
Certificate	NL0011040993	EUUSD1.271TS OPENH	EUR	13,5000	13,5500	13,5000	337,5000	1	13,5500	25				
Certificate	NL0012563589	EUUSD1.271TS OPENH	EUR	12,5000	12,5000	12,5000			12,5000					
Certificate	NL0010155818	EUUSD1.272TL OPENA	EUR											
Certificate	NL0012560668	EUUSD1.273TRSOPENH	EUR	12,0700	12,0700	12,0700			12,0700					
Certificate	NL0012554513	EUUSD1.274TRSOPENH	EUR	12,1400	12,1400	12,1400			12,1400					
Certificate	NL0012563860	EUUSD1.275TRSOPENH	EUR	12,2400	12,2400	12,2400			12,2400					
Certificate	DE000VL2FRA8	EUUSD1.275TS OPENV	EUR	12,1350	12,1350	12,1350			12,1350					
Certificate	NL0010155826	EUUSD1.276TS OPENA	EUR											
Certificate	NL0012563845	EUUSD1.277TRSOPENH	EUR	12,4200	12,4200	12,4200			12,4200					
Certificate	NL0012580807	EUUSD1.277TS OPENH	EUR	12,9500	12,9500	12,9500			12,9500					
Certificate	NL0010876660	EUUSD1.278TS OPENB	EUR	14,6650	14,6650	14,6650			14,6650					
Certificate	DE000CR1JU20	EUUSD1.284TS OPENZ	EUR	12,5200	12,9500	12,5200			12,9500					
Certificate	NL0012554489	EUUSD1.289TRSOPENH	EUR	13,4700	13,4700	13,4700			13,4700					
Certificate	NL0012559512	EUUSD1.294TRSOPENH	EUR	13,9200	13,9200	13,9200			13,9200					
Certificate	DE000CE6E1A1	EUUSD1.294TS OPENZ	EUR	13,4100	13,8400	13,4100			13,8400					
Certificate	NL0010519880	EUUSD1.299BS OPENB	EUR	14,4700	14,4700	14,4700			14,4700					
Certificate	NL0013083785	EUUSD1.305TRSOPENH	EUR	14,9000	14,9000	14,9000			14,9000					
Certificate	DE000CR1JDN2	EUUSD1.311TS OPENZ	EUR	14,9100	15,3500	14,9100			15,3500					
Certificate	NL0012563837	EUUSD1.314TRSOPENH	EUR	15,6900	15,6900	15,6900			15,6900					
Certificate	NL0012851950	EUUSD1.321TS OPENH	EUR	16,8600	16,8600	16,8600			16,8600					
Certificate	DE000CV42KR2	EUUSD1.321TS OPENZ	EUR	15,7900	16,2400	15,7900			16,2400					
Certificate	NL0013083769	EUUSD1.325TRSOPENH	EUR	16,6600	16,6600	16,6600			16,6600					
Certificate	DE000CV42R52	EUUSD1.331TS OPENZ	EUR	16,6700	17,1100	16,6700			17,1100					
Certificate	NL0006280570	EUUSD1.336TS OPENB	EUR	19,9900	19,9900	19,9900			19,9900					
Certificate	NL0012904445	EUUSD1.341TRSOPENH	EUR	18,0800	18,0800	18,0800			18,0800					
Certificate	NL0012851919	EUUSD1.341TS OPENH	EUR	18,6300	18,6300	18,6300			18,6300					
Certificate	DE000CV42R60	EUUSD1.341TS OPENZ	EUR	17,5400	17,9900	17,5400			17,9900					
Certificate	NL0006215667	EUUSD1.348TS OPENB	EUR	21,0700	21,0700	21,0700			21,0700					
Certificate	NL0011228002	EUUSD1.349TS OPENH	EUR	20,5500	20,5500	20,5500			20,5500					
Certificate	NL0012851893	EUUSD1.351TS OPENH	EUR	19,5200	19,5200	19,5200			19,5200					
Certificate	DE000CV42V80	EUUSD1.351TS OPENZ	EUR	18,4000	18,8600	18,4000			18,8600					
Certificate	NL0009755081	EUUSD1.359TS OPENB	EUR	22,0700	22,0700	22,0700			22,0700					
Certificate	NL0012898845	EUUSD1.366TRSOPENH	EUR	20,2600	20,2600	20,2600			20,2600					
Certificate	NL0012851869	EUUSD1.366TS OPENH	EUR	20,8500	20,8500	20,8500			20,8500					
Certificate	NL0006217283	EUUSD1.376TS OPENB	EUR	23,6000	23,6000	23,6000			23,6000					
Certificate	NL0012851828	EUUSD1.386TS OPENH	EUR	22,6200	22,6200	22,6200			22,6200					
Certificate	NL0012906077	EUUSD1.396TRSOPENH	EUR	22,9100	22,9100	22,9100			22,9100					
Certificate	NL0012851786	EUUSD1.406TS OPENH	EUR	24,3800	24,3800	24,3800			24,3800					
Certificate	NL0006280588	EUUSD1.411TS OPENB	EUR	26,7100	26,7100	26,7100			26,7100					
Certificate	NL0012904437	EUUSD1.426TRSOPENH	EUR	25,5600	25,5600	25,5600			25,5600					
Certificate	NL0012851745	EUUSD1.426TS OPENH	EUR	26,1500	26,1500	26,1500			26,1500					
Certificate	NL0012851703	EUUSD1.446TS OPENH	EUR	27,9200	27,9200	27,9200			27,9200					
Certificate	DE000CZ7DV89	EUUSD1.449TS OPENZ	EUR	26,9700	27,4600	26,9700			27,4600					
Certificate	NL0012906069	EUUSD1.456TRSOPENH	EUR	28,1800	28,1800	28,1800			28,1800					
Certificate	NL0012851661	EUUSD1.466TS OPENH	EUR	29,6900	29,6900	29,6900			29,6900					
Certificate	NL0012898803	EUUSD1.481TRSOPENH	EUR	30,3800	30,3800	30,3800			30,3800					
Certificate	NL0011231238	EUUSD1.481TS OPENH	EUR	32,4000	32,4000	32,4000			32,4000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012851620	EUUSD1.486TS OPENH	EUR	31,4600	31,4600	31,4600			31,4600					
Certificate	DE000CV87HF8	EUUSD1.489TS OPENZ	EUR	30,4700	30,9700	30,4700			30,9700					
Certificate	NL0012851588	EUUSD1.506TS OPENH	EUR	33,2200	33,2200	33,2200			33,2200					
Certificate	NL0012851547	EUUSD1.526TS OPENH	EUR	34,9900	34,9900	34,9900			34,9900					
Certificate	NL0012860233	EUUSD1.546TS OPENH	EUR	36,7600	36,7600	36,7600			36,7600					
Certificate	NL0011887989	EUUSF 1.04TRL OPENH	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	DE000CV894G5	EUZAR 13.1TL OPENZ	EUR	21,4700	21,4700	21,0300			21,0300					
Certificate	DE000CE6E150	EUZAR14.11TL OPENZ	EUR	15,4400	15,4400	14,9600			14,9600					
Certificate	DE000CE6BL19	EUZAR15.15TL OPENZ	EUR	9,1550	9,3100	8,6400	186,2000	1	8,6400	20				
Certificate	DE000CV8AVM4	EUZAR16.15TL OPENZ	EUR											
Certificate	DE000CJ3PA18	EUZAR17.17TS OPENZ	EUR	3,4200	4,0000	3,4200			4,0000					
Certificate	DE000CD62221	EUZAR18.16TS OPENZ	EUR	9,3800	10,0000	9,3800			10,0000					
Certificate	DE000CE6E168	EUZAR19.16TS OPENZ	EUR	15,4000	16,0500	15,4000			16,0500					
Certificate	DE000CV88839	EUZAR20.19TS OPENZ	EUR	21,5800	22,2600	21,5800			22,2600					
Certificate	DE000CV88R23	EVTG 12.3TL OPENZ	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000CV892M7	EVTG 13.3TL OPENZ	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000CE6CXQ2	EVTG 11.31TL OPENZ	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	DE000CJ3N8J7	EVTG 14.79TL OPENZ	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CJ3PEG7	EVTG 16.28TL OPENZ	EUR											
Certificate	DE000CE6CX89	EVTG 9.782TL OPENZ	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	NL0009517689	EXXON 47.7TL OPENB	EUR	29,5900	29,5900	29,5900			29,5900					
Certificate	NL0011729777	EXXON102.5TS OPENH	EUR	2,9400	2,9400	2,8800			2,8800					
Certificate	NL0011732607	EXXON103.3TS OPENH	EUR	3,0200	3,0200	2,9600			2,9600					
Certificate	DE000CRAJ0T1	EXXON69.79TL OPENZ	EUR	6,9300	7,4800	6,9300			7,4800					
Certificate	NL0011739172	EXXON89.01TS OPENH	EUR	1,6700	1,6700	1,6000			1,6000					
Certificate	NL0011729785	EXXON90.76TS OPENH	EUR	1,8300	1,8300	1,7700			1,7700					
Certificate	NL0011052170	EXXON90.85TS OPENH	EUR	1,8400	1,8400	1,7800			1,7800					
Certificate	NL0011732615	EXXON91.54TS OPENH	EUR	1,9100	1,9100	1,8400			1,8400					
Certificate	NL0011928379	EXXON99.31TS OPENH	EUR	2,6400	2,6400	2,5800			2,5800					
Certificate	DE000CJ3N4L2	EZJ 7.67TL OPENZ	EUR	4,1300	4,5200	4,1300			4,5200					
Certificate	DE000CE6CFE5	EZJ 10.68TL OPENZ	EUR											
Certificate	DE000CJ3NSG2	EZJ 9.181TL OPENZ	EUR	2,4400	2,8200	2,4400			2,8200					
Certificate	NL0011796818	FAGR 5TL OPENB	EUR											
Certificate	NL0011806328	FAGR 6TL OPENB	EUR											
Certificate	NL0011529383	FAGR 1.9TL OPENB	EUR											
Certificate	NL0011529391	FAGR 2.9TL OPENB	EUR											
Certificate	NL0011648605	FAGR 3.9TL OPENB	EUR											
Certificate	NL0011916036	FAGR 7.1TL OPENB	EUR											
Certificate	NL0012029169	FAGR 8.2TL OPENB	EUR											
Certificate	NL0012109060	FAGR 9.3TL OPENB	EUR	6,0800	6,3000	6,0800	3111,8000	2	6,3000	510				
Certificate	NL0012504484	FAGR 9.8TL OPENB	EUR											
Certificate	NL0012684955	FAGR 10.4TL OPENB	EUR											
Certificate	NL0012684963	FAGR 10.9TL OPENB	EUR											
Certificate	NL0012684971	FAGR 11.4TL OPENB	EUR											
Certificate	DE000CV50322	FAGR 11.4TL OPENZ	EUR	0,6500	0,6500	0,6350	325,0000	1	0,6350	500				
Certificate	NL0012685564	FAGR 11.9TL OPENB	EUR											
Certificate	NL0012780746	FAGR 12.4TL OPENB	EUR	3,5000	3,5000	3,5000	245,0000	1	3,5000	70				
Certificate	NL0012781645	FAGR 12.9TL OPENB	EUR											
Certificate	NL0012782551	FAGR 13.5TL OPENB	EUR											
Certificate	NL0012975510	FAGR 14.1TL OPENB	EUR											
Certificate	NL0012978399	FAGR 14.6TL OPENB	EUR											
Certificate	NL0013012180	FAGR 15.1TL OPENB	EUR											
Certificate	NL0013015647	FAGR 15.7TS OPENB	EUR											
Certificate	NL0013014228	FAGR 16.2TS OPENB	EUR											
Certificate	NL0013004245	FAGR 16.7TS OPENB	EUR											
Certificate	DE000CV88M93	FAGR 17.1TS OPENZ	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	NL0012980551	FAGR 17.2TS OPENB	EUR											
Certificate	NL0012994560	FAGR 17.7TS OPENB	EUR											
Certificate	DE000CD62NE0	FAGR 7.53TL OPENZ	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	DE000CD63MQ4	FAGR 8.52TL OPENZ	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	DE000CE6BH31	FAGR 9.28TL OPENZ	EUR	1,0900	1,0900	1,0350	3270,0000	2	1,0350	3000				
Certificate	DE000CV50301	FAGR 10.35TL OPENZ	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	DE000CV88BD4	FAGR 12.46TL OPENZ	EUR	0,4500	0,4500	0,4350	1800,0000	2	0,4350	4000				
Certificate	DE000CV88D11	FAGR 13.52TL OPENZ	EUR	0,2700	0,2700	0,2350	810,0000	2	0,2350	3000				
Certificate	DE000CV89Z55	FAGR 14.57TL OPENZ	EUR											
Certificate	DE000CV89Z63	FAGR 18.99TS OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000C9R9FH5	FAGR 24.98TS OPENZ	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CV42AL4	FBOOK 84TL OPENC	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CV88BQ6	FBOOK 90TL 1218Z	EUR	5,0400	5,2500	5,0400			5,2500					
Certificate	DE000CX00QC5	FBOOK 100TL OPENC	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000CV88BR4	FBOOK 120TL 1218Z	EUR	2,4350	2,6350	2,4350			2,6350					
Certificate	DE000CQ5AF54	FBOOK 120TL OPENC	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	DE000CQ5AF96	FBOOK 120TL OPENC	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000CQ01L50	FBOOK 125TS OPENC	EUR											
Certificate	DE000CY50R32	FBOOK 130TL OPENC	EUR	0,8300	0,8300	0,6800	2027,0000	3	0,8000	2900				
Certificate	DE000CQ5AF45	FBOOK 130TL OPENC	EUR	1,9400	1,9400	1,9400								
Certificate	DE000CQ5AF62	FBOOK 130TL OPENC	EUR	1,2800	1,2800	1,2800								
Certificate	DE000CJ3N6G7	FBOOK 131TL 1218Z	EUR	1,4900	1,6850	1,4900								
Certificate	DE000CV88BS2	FBOOK 140TL 1218Z	EUR	0,7850	0,9600	0,7850								
Certificate	DE000CQ5AFB3	FBOOK 140TL OPENC	EUR	1,1000	1,1000	1,1000								
Certificate	DE000CP06XU6	FBOOK 148TL OPENC	EUR											
Certificate	DE000CJ3PCN7	FBOOK 150TL 1218Z	EUR											
Certificate	DE000CP07B19	FBOOK 150TL OPENC	EUR											
Certificate	DE000CP07B27	FBOOK 160TS OPENC	EUR											
Certificate	DE000CP06UJ5	FBOOK 160TS OPENC	EUR											
Certificate	DE000CP06PR8	FBOOK 170TS OPENC	EUR	2,7600	2,7600	2,7600				2,7600				
Certificate	DE000CP06P30	FBOOK 170TS OPENC	EUR	1,9100	1,9100	1,9100				1,9100				
Certificate	DE000CQ5B139	FBOOK 180TL OPENC	EUR											
Certificate	DE000CY52C37	FBOOK 180TS OPENC	EUR											
Certificate	DE000CP06537	FBOOK 180TS OPENC	EUR	3,6600	3,6600	3,6600				3,6600				
Certificate	DE000CP064G3	FBOOK 180TS OPENC	EUR	2,7600	2,7600	2,7600				2,7600				
Certificate	DE000CY52AE4	FBOOK 180TS OPENC	EUR											
Certificate	DE000CQ5BVG6	FBOOK 190TS OPENC	EUR	4,5700	4,5700	4,5700				4,5700				
Certificate	DE000CQ5BTV0	FBOOK 190TS OPENC	EUR	3,6200	3,6200	3,6200				3,6200				
Certificate	DE000CQ5BA82	FBOOK 200TS OPENC	EUR											
Certificate	DE000CQ5BVR4	FBOOK 200TS OPENC	EUR	5,5000	5,5000	5,5000				5,5000				
Certificate	DE000CQ5BTV8	FBOOK 200TS OPENC	EUR	4,5000	4,5000	4,5000				4,5000				
Certificate	DE000CQ5B147	FBOOK 200TS OPENC	EUR											
Certificate	DE000CY50W35	FBOOK 200TS OPENC	EUR											
Certificate	DE000CY52JN6	FBOOK 205TS OPENC	EUR											
Certificate	DE000CQ5BVS2	FBOOK 210TS OPENC	EUR	6,4300	6,4300	6,4300				6,4300				
Certificate	DE000CQ5BTV6	FBOOK 210TS OPENC	EUR	5,3700	5,3700	5,3700				5,3700				
Certificate	DE000CQ5BJ18	FBOOK 220TS OPENC	EUR	7,3000	7,3000	7,3000				7,3000				
Certificate	DE000CQ5BPX4	FBOOK 230TS OPENC	EUR	7,1000	7,1000	7,1000				7,1000				
Certificate	DE000CQ5BPY2	FBOOK 240TS OPENC	EUR	7,9700	7,9700	7,9700				7,9700				
Certificate	NL0011659933	FBOOK 117.BL OPENB	EUR	28,7000	28,7000	28,7000				28,7000				
Certificate	NL0013005184	FBOOK 164.BS OPENB	EUR	14,7000	14,7000	14,7000				14,7000				
Certificate	NL0012995575	FBOOK 174.BS OPENB	EUR	23,4900	23,4900	23,4900				23,4900				
Certificate	NL0012775118	FBOOK 175.BS OPENB	EUR											
Certificate	NL0012990469	FBOOK 184.BS OPENB	EUR	32,2700	32,2700	32,2700				32,2700				
Certificate	NL0010155859	FBOOK 22.9TS OPENA	EUR											
Certificate	NL0011042866	FBOOK 67.3TL OPENH	EUR	7,5900	7,8100	7,5900				7,8100				
Certificate	NL0010658084	FBOOK 67.4TL OPENB	EUR	75,5600	75,5600	75,5600				75,5600				
Certificate	NL0011052253	FBOOK 73.2TL OPENH	EUR	7,1300	7,3500	7,1300				7,3500				
Certificate	NL0010892188	FBOOK 78.4TL OPENB	EUR	66,5600	66,5600	66,5600				66,5600				
Certificate	NL0011052246	FBOOK 78.9TL OPENH	EUR	6,6900	6,9100	6,6900				6,9100				
Certificate	NL0011425319	FBOOK 89.4TL OPENB	EUR	55,4500	57,5700	55,4500	2772,5000	1	57,5700	50				
Certificate	DE000CV8AHN1	FBOOK104.8TL OPENZ	EUR	3,6650	3,8750	3,6650				3,8750				
Certificate	NL0011654579	FBOOK111.1TL OPENB	EUR	39,8000	39,8000	39,8000				39,8000				
Certificate	NL0011650742	FBOOK111.4BL OPENB	EUR	32,2100	33,6000	32,2100	966,3000	1	33,6000	30				
Certificate	NL0011803945	FBOOK116.5TL OPENB	EUR	35,3900	35,3900	35,3900				35,3900				
Certificate	DE000CV89X32	FBOOK124.7TL OPENZ	EUR	1,9450	2,2100	1,9450	22,1000	1	2,1450	10				
Certificate	DE000CN6LAF3	FBOOK125.4TL OPENZ	EUR	3,7700	4,1700	3,7700				4,1700				
Certificate	DE000VA71WE8	FBOOK127.3TL OPENV	EUR											
Certificate	DE000VA71WF5	FBOOK129.8TL OPENV	EUR											
Certificate	DE000VA7PXS9	FBOOK132.2TL OPENV	EUR											
Certificate	DE000CJ3NJ11	FBOOK135.1TL OPENZ	EUR	1,1100	1,2550	1,1100				1,2550				
Certificate	DE000VAGECZ4	FBOOK136.8TL OPENV	EUR	0,9800	1,1755	0,9680	16380,5000	9	1,1755	14900				
Certificate	DE000VA71WG3	FBOOK139.8TL OPENV	EUR											
Certificate	DE000VAGD6U6	FBOOK141.7TL OPENV	EUR											
Certificate	DE000VAGEGY8	FBOOK144.4TL OPENV	EUR											
Certificate	DE000CV89U43	FBOOK145.2TL OPENZ	EUR	0,3000	0,5750	0,3000	3734,5000	3	0,5350	7750				
Certificate	DE000VAGEG45	FBOOK146.9TL OPENV	EUR											
Certificate	DE000VA71ST4	FBOOK149.8TL OPENV	EUR											
Certificate	DE000VASRLT2	FBOOK151.4TL OPENV	EUR											
Certificate	DE000VA71SV0	FBOOK152.3TL OPENV	EUR											
Certificate	NL0011597372	FBOOK152.4TS OPENH	EUR											
Certificate	DE000VA71Z57	FBOOK154.8TL OPENV	EUR											
Certificate	DE000VA8FW67	FBOOK157.7TS OPENV	EUR											
Certificate	DE000VA8FSS8	FBOOK160.2TS OPENV	EUR											
Certificate	DE000VA7PSK6	FBOOK162.6TS OPENV	EUR											
Certificate	NL0012777007	FBOOK165.1BS OPENB	EUR											
Certificate	DE000VA7PSL4	FBOOK165.1TS OPENV	EUR											
Certificate	NL0012777247	FBOOK167.5TS 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	NL0013004641	FBOOK167.5TS OPENB	EUR	28,4400	28,4400	28,4400			28,4400					
Certificate	DE000VA7PSM2	FBOOK167.6TS OPENV	EUR											
Certificate	NL0010116786	FBOOK17.75TL OPENB	EUR	116,5500	116,5500	116,5500			116,5500					
Certificate	DE000VA7PSN0	FBOOK170.1TS OPENV	EUR											
Certificate	DE000VA6D6T8	FBOOK172.6TS OPENV	EUR											
Certificate	DE000CJ3NKA2	FBOOK175.6TS OPENZ	EUR	2,5650	2,5650	2,3850			2,3850					
Certificate	NL0012995831	FBOOK177.5TS OPENB	EUR	37,9800	37,9800	37,9800			37,9800					
Certificate	DE000VA6D534	FBOOK177.6TS OPENV	EUR											
Certificate	DE000VA6EGV4	FBOOK180.1TS OPENV	EUR											
Certificate	DE000VASRLP0	FBOOK182.7TS OPENV	EUR											
Certificate	NL0012990626	FBOOK187.5TS OPENB	EUR	47,5000	47,5000	47,5000			47,5000					
Certificate	DE000VASRLQ8	FBOOK187.7TS OPENV	EUR											
Certificate	DE000VASRLR6	FBOOK192.7TS OPENV	EUR											
Certificate	NL0012984926	FBOOK193.9BS OPENB	EUR	41,0500	41,0500	41,0500			41,0500					
Certificate	DE000CV8ADH2	FBOOK195.6TS OPENZ	EUR	4,3050	4,3050	4,1250			4,1250					
Certificate	DE000VASRLS4	FBOOK197.7TS OPENV	EUR											
Certificate	DE000VASRPH8	FBOOK202.7TS OPENV	EUR											
Certificate	NL0012984934	FBOOK203.9BS OPENB	EUR	49,8200	49,8200	49,8200			49,8200					
Certificate	NL0012985352	FBOOK207.5TS OPENB	EUR	66,5300	66,5300	66,5300			66,5300					
Certificate	DE000CV8ADJ8	FBOOK215.7TS OPENZ	EUR	6,0600	6,0600	5,8900			5,8900					
Certificate	NL0012973135	FBOOK227.5TS OPENB	EUR	85,3400	85,6500	85,3400	597,3800	1	85,5800	7				
Certificate	DE000CV4Z951	FBOOK235.8TS OPENZ	EUR	15,6500	15,6500	15,3200			15,3200					
Certificate	NL0010516241	FBOOK48.92TL OPENB	EUR	90,6800	90,6800	90,6800			90,6800					
Certificate	DE000CF80DX8	FBOOK62.34TL OPENC	EUR											
Certificate	DE000CC16AQ9	FBOOK65.72TL OPENC	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	NL0010661773	FBOOK73.49TL OPENB	EUR	70,5500	70,5500	70,5500			70,5500					
Certificate	DE000CB9YG61	FBOOK77.62TL OPENZ	EUR	12,0900	12,5200	12,0900			12,5200					
Certificate	DE000CJ3N5N5	FBOOK89.69TL OPENZ	EUR	4,9850	5,2000	4,9850			5,2000					
Certificate	DE000VN61YH1	FCHI LEVOPENV	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000VN61YG3	FCHI LEVOPENV	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000VN61YF5	FCHI LEVOPENV	EUR	10,0300	10,0300	9,6700	19,7000	2	9,8000	2				
Certificate	DE000VA234R3	FCHI SHROPENV	EUR	4,9050	4,9050	4,9050			4,9050					
Certificate	DE000VN61YK5	FCHI SHROPENV	EUR	0,4760	0,4760	0,3700	476,0000	1	0,3700	1000				
Certificate	DE000VN61YL3	FCHI SHROPENV	EUR	0,0540	0,0540	0,0460	500,0000	2	0,0500	10000				
Certificate	DE000VN61YJ7	FCHI SHROPENV	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CE6EH79	FCHMI11.92TL OPENZ	EUR	1,5900	2,2050	1,5900			2,2050					
Certificate	DE000CE6ENP1	FCHMI13.41TL OPENZ	EUR											
Certificate	DE000CV8ADV3	FCHMI9.915TL OPENZ	EUR	3,5700	4,1950	3,5700			4,1950					
Certificate	DE000CV8APS3	FFARM 5.81TL OPENZ	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	DE000CV8ALY0	FFARM 6.35TL OPENZ	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000CE6CQJ1	FFARM 6.89TL OPENZ	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	DE000CE6CNE9	FFARM 7.64TL OPENZ	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0013008709	FFARM 7.88BL OPENB	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0013006604	FFARM 8.37BL OPENB	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000CE6CND1	FFARM 8.38TL OPENZ	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	NL0013006612	FFARM 8.87BL OPENB	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CV87Z73	FFARM 8.91TL OPENZ	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	NL0013013329	FFARM 9.38BL OPENB	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	NL0013014988	FFARM 9.92BS OPENB	EUR											
Certificate	NL0013006760	FFARM10.92BS OPENB	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0013013568	FFARM11.92BS OPENB	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0012796551	FLOW 32BOC1219Z	EUR	28,7400	28,7400	27,8000			27,8000					
Certificate	NL0012796544	FLOW 34BOC0919Z	EUR	30,0200	30,0200	28,7400			28,7400					
Certificate	DE000CE6EX87	FLOW 15.5TL OPENZ	EUR	1,4350	1,4350	1,2850	2165,1000	2	1,2850	1590				
Certificate	NL0012985162	FLOW 22.4TL OPENB	EUR	8,8200	8,8200	8,0100	4265,6000	3	8,0100	495				
Certificate	NL0012795793	FLOW 28.5BOC0919Z	EUR	26,6100	26,6100	26,0400			26,0400					
Certificate	NL0012795785	FLOW 29.5BOC0619Z	EUR	27,7400	27,7400	27,0400			27,0400					
Certificate	DE000CV4YRA6	FLOW 12.55TL OPENZ	EUR	1,7850	1,7850	1,6450			1,6450					
Certificate	NL0012502769	FLOW 12.58TL OPENB	EUR	16,9500	16,9500	16,9500			16,9500					
Certificate	NL0012490635	FLOW 14.11TL OPENB	EUR	16,3500	16,3500	15,5600	425,1000	1	15,5600	26				
Certificate	DE000CE6FKS8	FLOW 14.21TL OPENZ	EUR	1,6350	1,6350	1,4850			1,4850					
Certificate	DE000CE6F322	FLOW 14.46TL OPENZ	EUR	1,5350	1,5350	1,3950			1,3950					
Certificate	NL0012700801	FLOW 14.84TL OPENB	EUR	14,8900	14,8900	14,8900			14,8900					
Certificate	NL0012504492	FLOW 15.39TL OPENB	EUR	14,3800	14,3800	14,3800			14,3800					
Certificate	DE000CN6FY58	FLOW 15.86TL OPENZ	EUR	0,7400	0,7400	0,6700			0,6700					
Certificate	NL0012700819	FLOW 16.15TL OPENB	EUR	13,6900	13,6900	13,6900			13,6900					
Certificate	DE000CV4YVX0	FLOW 16.51TL OPENZ	EUR	1,3350	1,3350	1,1850	300,0000	1	1,1850	250				
Certificate	DE000CV4YV54	FLOW 17.49TL OPENZ	EUR	1,3250	1,3250	1,1750	2323,2400	2	1,1750	1888				
Certificate	DE000CV4YYU0	FLOW 17.53TL OPENZ	EUR	1,2250	1,2250	1,0850	351,0000	1	1,0850	300				
Certificate	NL0012681001	FLOW 17.66TL OPENB	EUR	12,3200	12,3200	12,3200			12,3200					
Certificate	DE000CV4Z2E8	FLOW 18.55TL OPENZ	EUR	1,1250	1,1250	0,9850			0,9850					
Certificate	NL0012683072	FLOW 19.17TL OPENB	EUR	10,8000	11,1800	10,7500	10990,0000	2	10,9500	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	DE000CV500V7	FLOW 19.65TL OPENZ	EUR	1,1150	1,1150	0,9750			0,9750					
Certificate	DE000CV501B7	FLOW 20.06TL OPENZ	EUR	0,9750	1,0000	0,8350	1186,7500	3	0,8350	1215				
Certificate	NL0012686612	FLOW 20.68TL OPENB	EUR	10,8600	10,8700	9,5700	1086,0000	1	9,5700	100				
Certificate	DE000CV505H5	FLOW 21.55TL OPENZ	EUR	0,8250	0,8250	0,6850			0,6850					
Certificate	DE000CV50632	FLOW 21.78TL OPENZ	EUR	0,9150	0,9150	0,7750	44,0000	1	0,7750	50				
Certificate	DE000CV505J1	FLOW 23.05TL OPENZ	EUR	0,6750	0,6800	0,5350	2611,8000	5	0,5350	4485				
Certificate	DE000CJ3NM32	FLOW 23.89TL OPENZ	EUR	0,7150	0,7600	0,5750	725,0400	4	0,5750	1084				
Certificate	NL0013000698	FLOW 23.91TL OPENB	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	DE000CJ3NZH5	FLOW 24.43TL OPENZ	EUR	0,5350	0,5700	0,3800	2083,5000	15	0,3950	3900				
Certificate	NL0013005440	FLOW 25.38TL OPENB	EUR	6,7500	6,7500	5,1300	8200,0000	3	5,3000	1400				
Certificate	DE000CJ3N468	FLOW 25.92TL OPENZ	EUR											
Certificate	DE000CJ3PEH5	FLOW 25.93TL OPENZ	EUR	0,3950	0,3950	0,2550			0,2550					
Certificate	DE000CJ3PAM3	FLOW 26.39TL OPENZ	EUR											
Certificate	DE000CJ3PFL4	FLOW 26.39TL OPENZ	EUR	0,4850	0,4850	0,3350			0,3350					
Certificate	NL0013014079	FLOW 26.88TL OPENB	EUR	4,6300	4,6300	3,9400	2236,6000	3	3,9400	520				
Certificate	DE000CJ3PFQ3	FLOW 27.42TL OPENZ	EUR	0,2450	0,2800	0,1065	258,0000	4	0,1065	1050				
Certificate	DE000CV8AWT7	FLOW 29.48TS OPENZ	EUR											
Certificate	NL0012978712	FLOW 29.74TS OPENB	EUR											
Certificate	DE000CV89T12	FLOW 32.46TS OPENZ	EUR	0,3050	0,4450	0,3050	3639,6800	3	0,4450	9888				
Certificate	DE000CV875J7	FLOW 37.45TS OPENZ	EUR	0,7950	0,9450	0,7950			0,9450					
Certificate	NL0012782825	FLOW 39.51TS OPENB	EUR	15,6250	15,6250	15,6250			15,6250					
Certificate	NL0009176510	FMOTR 2.7TL OPENB	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	NL0010249736	FMOTR 6.9TL OPENB	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000CR9PCU9	FMOTR13.37TS OPENZ	EUR	4,0150	4,0150	4,0150			4,0150					
Certificate	DE000CN6GBC8	FNV 44.29TL OPENZ	EUR	3,7800	3,7800	3,4650			3,4650					
Certificate	DE000CN6JBR0	FNV 49.61TL OPENZ	EUR	2,8800	2,8800	2,5650			2,5650					
Certificate	DE000CN6K214	FNV 56.08TL OPENZ	EUR	1,7900	1,7900	1,4650			1,4650					
Certificate	DE000CE6C3Q4	FNV 64.55TL OPENZ	EUR											
Certificate	DE000CD61561	FORTU12.15TL OPENZ	EUR	1,5300	1,5900	1,5300			1,5900					
Certificate	DE000CN6HVVH3	FORTU7.988TL OPENZ	EUR	2,5700	2,6300	2,5700			2,6300					
Certificate	NL0012277123	FRARI 89TL OPENB	EUR	29,7000	29,7000	29,7000			29,7000					
Certificate	NL0012676332	FRARI 112TL OPENB	EUR											
Certificate	NL0012104269	FRARI 55.2TL OPENB	EUR	56,7900	56,7900	56,7900			56,7900					
Certificate	NL0012264204	FRARI 81.4TL OPENB	EUR	36,5300	36,5300	35,7800	36,5300	1	35,7800	1				
Certificate	NL0012270144	FRARI 86.6TL OPENB	EUR	31,6400	31,6400	31,6400			31,6400					
Certificate	NL0012278865	FRARI102.1TL OPENB	EUR	19,2400	19,2400	19,2400			19,2400					
Certificate	NL0012281133	FRARI104.6TL OPENB	EUR	17,8300	17,8300	17,2300	53,4900	1	17,2300	3				
Certificate	DE000CV8A0T8	FRARI108.1TL OPENZ	EUR	0,9250	1,1500	0,9250			1,1500					
Certificate	NL0013005192	FRARI119.68S OPENB	EUR	1,9950	1,9950	1,9950			1,9950					
Certificate	NL0012998199	FRARI139.58S OPENB	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	NL0013002637	FRARI159.58S OPENB	EUR	5,9850	5,9850	5,9850			5,9850					
Certificate	DE000CD63Z81	FRARI57.26TL OPENZ	EUR	5,1150	5,3600	5,1150			5,3600					
Certificate	NL0013008691	FRARI75.22BL OPENB	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	NL0012997977	FRARI85.23BL OPENB	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	DE000CV8ALN3	FRARI86.58TL OPENZ	EUR	2,6950	2,9300	2,6950			2,9300					
Certificate	NL0012997985	FRARI95.26BL OPENB	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	NL0011657291	FREEP 8.5TL OPENB	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0012026181	FREEP 10.5TL OPENB	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CR6YK15	FREGD 55.1TL OPENZ	EUR	0,2750	0,3900	0,2750			0,3900					
Certificate	NL0012915599	FREGD 77.5TS OPENH	EUR	2,5100	2,5100	2,4400			2,4400					
Certificate	NL0012849368	FREGD 78.4TS OPENH	EUR	2,6100	2,6100	2,5400			2,5400					
Certificate	DE000CJ3NKK4	FREGD41.04TL OPENZ	EUR	1,6550	1,7800	1,6550			1,7800					
Certificate	NL0011226097	FREGD43.61TL OPENH	EUR	1,7300	1,8000	1,7300			1,8000					
Certificate	NL0011226089	FREGD47.85TL OPENH	EUR	1,3300	1,4200	1,3300			1,4200					
Certificate	DE000CR6YK07	FREGD51.08TL OPENZ	EUR	0,6650	0,7900	0,6650			0,7900					
Certificate	NL0011721196	FREGD56.86TL OPENH	EUR	0,4900	0,5800	0,4900			0,5800					
Certificate	NL0012600985	FREGD59.88TL OPENH	EUR											
Certificate	DE000CJ3NX54	FREGD63.04TL OPENZ	EUR											
Certificate	NL0013085061	FREGD63.88TS OPENH	EUR	1,0600	1,0600	0,9900			0,9900					
Certificate	NL0013083116	FREGD64.43TL OPENH	EUR											
Certificate	NL0012936637	FREGD70.47TS OPENH	EUR	1,7600	1,7600	1,6900			1,6900					
Certificate	NL0012584593	FREGD72.43TS OPENH	EUR	1,9700	1,9700	1,9000			1,9000					
Certificate	NL0012371868	FREGD73.46TS OPENH	EUR	2,0800	2,0800	2,0000			2,0000					
Certificate	NL0012242135	FREGD78.71TS OPENH	EUR	2,6400	2,6400	2,5700			2,5700					
Certificate	NL0012178974	FREGD83.77TS OPENH	EUR	3,1900	3,1900	3,1100			3,1100					
Certificate	NL0012053490	FREGD91.03TS OPENH	EUR	3,9700	3,9700	3,8900			3,8900					
Certificate	NL0012054118	FREGD91.09TS OPENH	EUR	3,9700	3,9700	3,9000			3,9000					
Certificate	NL0012093801	FREGD91.33TS OPENH	EUR	4,0000	4,0000	3,9200			3,9200					
Certificate	DE000CJ3N3D1	FRES 5.46TL OPENZ	EUR	4,3650	4,3650	4,3650			4,3650					
Certificate	DE000CV8BCX9	FRES 6.36TL OPENZ	EUR	3,4150	3,4150	3,4150			3,4150					
Certificate	DE000CV8ASD9	FRES 7.42TL OPENZ	EUR	2,2750	2,2750	2,2750			2,2750					
Certificate	DE000CJ3PAR2	FRES 8.42TL OPENZ	EUR	1,1850	1,1850	1,1850			1,1850					



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	NL0012561666	FRESE 117.TS OPENH	EUR	5,6500	5,7100	5,6500			5,7100					
Certificate	DE000CR6V783	FRESE 66.7TL OPENZ	EUR	0,2600	0,2600	0,2350			0,2350					
Certificate	NL0011225354	FRESE 98.7TS OPENH	EUR	3,6800	3,7400	3,6800			3,7400					
Certificate	NL0012311807	FRESE107.5TS OPENH	EUR	4,6400	4,6900	4,6400			4,6900					
Certificate	NL0011225446	FRESE43.82TL OPENH	EUR	2,8200	2,8200	2,7800			2,7800					
Certificate	DE000CJ3PC32	FRESE51.68TL OPENZ	EUR	1,7400	1,7400	1,7050			1,7050					
Certificate	NL0011225438	FRESE52.29TL OPENH	EUR	2,0300	2,0300	1,9900			1,9900					
Certificate	DE000CR9RQ03	FRESE59.72TL OPENZ	EUR	0,9400	0,9400	0,9150			0,9150					
Certificate	NL0011225420	FRESE60.76TL OPENH	EUR	1,2300	1,2300	1,1900			1,1900					
Certificate	NL0011721154	FRESE68.68TL OPENH	EUR											
Certificate	NL0011891221	FRESE69.96TL OPENH	EUR											
Certificate	NL0013085053	FRESE71.82TS OPENH	EUR	0,8100	0,8600	0,8100			0,8600					
Certificate	DE000CN6F5C7	FRESE73.52TL OPENZ	EUR											
Certificate	NL0012055271	FRESE74.63TL OPENH	EUR											
Certificate	NL0012516157	FRESE77.89TL OPENH	EUR											
Certificate	NL0013085046	FRESE79.82TS OPENH	EUR	1,6700	1,7200	1,6700			1,7200					
Certificate	NL0012611644	FRESE81.84TL OPENH	EUR											
Certificate	NL0012935712	FRESE93.86TS OPENH	EUR	3,1600	3,2200	3,1600			3,2200					
Certificate	NL0011929872	FRESE95.82TS OPENH	EUR	3,3800	3,4300	3,3800			3,4300					
Certificate	NL0010048492	FT100 3930TL OPENB	EUR	35,7050	35,7050	35,7050			35,7050					
Certificate	NL0010288601	FT100 4660TL OPENB	EUR	27,6950	27,6950	27,6950			27,6950					
Certificate	NL0010733788	FTEPR STN0920V	EUR											
Certificate	DE000CN6HXJ5	FTI 19.1TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	DE000CE6F5L7	FTI 20.49TL OPENZ	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	DE000CE6F8P2	FTI 21.99TL OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000CV8BE51	FTI 23.97TL OPENZ	EUR											
Certificate	DE000CE6DL58	FTI 29.72TS OPENZ	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	DE000VN612X5	FTMIB LEVOPENV	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000VN612Z0	FTMIB LEVOPENV	EUR	0,0420	0,0420	0,0420			0,0420					
Certificate	DE000VN612Y3	FTMIB LEVOPENV	EUR	0,5440	0,5440	0,5440			0,5440					
Certificate	DE000VN61205	FTMIB SHROPENV	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000VL51266	FTMIB SHROPENV	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	DE000VN61221	FTMIB SHROPENV	EUR	0,0105	0,0105	0,0105			0,0105					
Certificate	DE000VA1ZH72	FTMIB SHROPENV	EUR	15,3700	15,3700	15,3700			15,3700					
Certificate	DE000VN61213	FTMIB SHROPENV	EUR	0,1540	0,1540	0,1540			0,1540					
Certificate	NL0009335876	FTS4020620TL OPENB	EUR	16,1050	16,1050	16,1050			16,1050					
Certificate	NL0009335884	FTS4028470TL OPENB	EUR	11,7850	11,7850	11,7850			11,7850					
Certificate	DE000VN612T3	FTSE LEVOPENV	EUR	1,2900	1,5600	1,2400	3335,0000	4	1,5300	2380				
Certificate	DE000VN612S5	FTSE LEVOPENV	EUR	4,1150	4,1150	4,1150			4,1150					
Certificate	DE000VN612R7	FTSE LEVOPENV	EUR	7,8250	7,8250	7,8250			7,8250					
Certificate	DE000VN612V9	FTSE SHROPENV	EUR	1,6800	1,6800	1,4850	4205,3000	4	1,5250	2670				
Certificate	DE000VN612W7	FTSE SHROPENV	EUR	0,5080	0,5100	0,4140	2736,1200	5	0,4260	6115				
Certificate	DE000VN612U1	FTSE SHROPENV	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000CX002X8	FUGRO 5TL OPENC	EUR											
Certificate	LU1817292284	FUGRO 10TCIOPENS	EUR	0,9000	0,9000	0,9000	900,0000	1	0,9000	1000				
Certificate	DE000CX599Q7	FUGRO 14TL OPENC	EUR											
Certificate	DE000CW3A5Z7	FUGRO 20TS OPENC	EUR											
Certificate	DE000CW0JWP2	FUGRO 25TS OPENC	EUR											
Certificate	NL0010896429	FUGRO 7.5TL OPENB	EUR	3,5200	3,9600	3,5200	378,0000	1	3,9600	100				
Certificate	NL0010896437	FUGRO 8.5TL OPENB	EUR	2,5600	3,0100	2,4900	66140,0000	12	3,0000	24000				
Certificate	DE000CV8AB89	FUGRO 8.8TL 1218Z	EUR	0,3800	0,4000	0,3800	780,0000	2	0,4000	2000				
Certificate	NL0012505291	FUGRO 8.9TL OPENB	EUR	2,0100	2,4900	1,9900	4180,0000	2	2,4900	2000				
Certificate	NL0012505309	FUGRO 9.2TL OPENB	EUR	2,0500	2,2100	2,0500	4100,0000	1	2,2100	2000				
Certificate	NL0012505317	FUGRO 9.5TL OPENB	EUR	1,3000	1,9200	1,3000	2081,0000	3	1,9200	1450				
Certificate	DE000CV8BEN6	FUGRO 9.8TL 1218Z	EUR	0,1100	0,1700	0,1100	280,0000	2	0,1700	2000				
Certificate	NL0012996995	FUGRO 9.9TL OPENB	EUR	1,3000	1,5900	1,3000	2080,0000	1	1,5900	1600				
Certificate	NL0012997423	FUGRO 10.2TL OPENB	EUR											
Certificate	NL0012997431	FUGRO 10.5TL OPENB	EUR											
Certificate	NL0013012263	FUGRO 11.3TS OPENB	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	NL0013010101	FUGRO 11.8TS OPENB	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0013001928	FUGRO 12.3TS OPENB	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000CV8AXL2	FUGRO 12.6TS OPENZ	EUR											
Certificate	NL0013004252	FUGRO 12.8TS OPENB	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	LU1790692450	FUGRO 12.9TPIOPENS	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	NL0012795694	FUGRO 13.1BOC0619Z	EUR											
Certificate	NL0012795702	FUGRO 13.3BOC0919Z	EUR											
Certificate	NL0012796569	FUGRO 13.4BOC0919Z	EUR											
Certificate	NL0012796577	FUGRO 13.6BOC1219Z	EUR											
Certificate	NL0012795363	FUGRO 13.9BOC1218Z	EUR											
Certificate	NL0012795371	FUGRO 14.4BOC0319Z	EUR	12,0300	12,2700	11,8800	19402,0000	5	12,2700	1600				
Certificate	DE000CY50QM7	FUGRO 14.4TS OPENC	EUR											
Certificate	LU1784830215	FUGRO 16.2TS OPENS	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	NL0012996573	FUGRO 4.87BL OPENB	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	NL0009678168	FUGRO 49.9TS OPENB	EUR	44,7400	44,7400	44,7400			44,7400					
Certificate	NL0010150512	FUGRO 50.2TL OPENA	EUR											
Certificate	NL0011230511	FUGRO 8.62TL OPENH	EUR	0,2500	0,2800	0,2500			0,2800					
Certificate	NL0011052865	FUGRO 8.62TL OPENH	EUR	0,2500	0,2800	0,2500			0,2800					
Certificate	LU1612634193	FUGRO 9.37TCIOPENS	EUR	0,8200	1,3300	0,8200	1651,0000	3	1,3300	1800				
Certificate	DE000CV88E36	FUGRO10.37TL OPENZ	EUR											
Certificate	LU1859832187	FUGRO10.51TCIOPENS	EUR											
Certificate	LU1817372805	FUGRO10.57TCIOPENS	EUR											
Certificate	LU1841154096	FUGRO11.09TP1OPENS	EUR	0,9500	0,9700	0,6200	3092,5000	6	0,6200	3250				
Certificate	NL0013012065	FUGRO11.35BS OPENB	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	LU1840380569	FUGRO12.28TCIOPENS	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0012987515	FUGRO12.34BS OPENB	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0012986210	FUGRO13.34BS OPENB	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0013001738	FUGRO14.33BS OPENB	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	DE000CE6CE82	FUGRO14.59TS OPENZ	EUR											
Certificate	LU1784830306	FUGRO14.85TS OPENS	EUR											
Certificate	NL0011052766	FUGRO25.85TS OPENH	EUR	1,8400	1,8400	1,8000			1,8000					
Certificate	NL0012488928	FUGRO5.873BL OPENB	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	DE000CV88DB3	FUGRO6.363TL OPENZ	EUR											
Certificate	NL0012281075	FUGRO6.905BL OPENB	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	NL0012280945	FUGRO7.939BL OPENB	EUR	2,5000	3,0900	2,5000	1222,0000	2	3,0900	475				
Certificate	DE000CE6GE9	FUGRO8.369TL OPENZ	EUR	0,4000	0,4000	0,4000	200,0000	1	0,4000	500				
Certificate	DE000CE6EBD2	FUGRO8.863TL OPENZ	EUR	0,2900	0,3900	0,2900	1328,0000	4	0,3900	3950				
Certificate	NL0011535059	FUGRO8.972BL OPENB	EUR	1,5200	2,0300	1,5200	144,4000	1	2,0300	95				
Certificate	DE000CN6H8G0	FUGRO9.374TL OPENZ	EUR	0,1750	0,2650	0,1600	12450,0000	11	0,2600	58000				
Certificate	NL0012996821	FUGRO9.975BL OPENB	EUR	0,7700	1,0600	0,7700	1357,0000	3	1,0600	1600				
Certificate	NL0009706282	FVLAN 0%FRN02MAY21	EUR	114,0700	114,0700	114,0700			114,0700					
Certificate	DE000CE6CDS0	FVS LEVOPENZ	EUR	2,4830	2,4830	2,4830			2,4830					
Certificate	DE000CE6CDT8	FVS SHROOPENZ	EUR	13,8800	13,8800	13,8800			13,8800					
Certificate	DE000CV4Z5N5	FVS 12TL OPENZ	EUR	8,2250	8,2250	8,2250			8,2250					
Certificate	NL0012789622	FVS 16TS OPENB	EUR											
Certificate	NL0012776264	FVS 17.5TL OPENB	EUR											
Certificate	DE000CN6GXU4	FVS 19.2TL OPENZ	EUR											
Certificate	DE000CV4ZTK8	FVS 9.79TL OPENZ	EUR	10,3350	10,3350	10,3350			10,3350					
Certificate	DE000CV4ZTJ0	FVS 10.88TL OPENZ	EUR	9,2850	9,2850	9,2850			9,2850					
Certificate	NL0013002728	FVS 11.28TL OPENB	EUR	9,2700	9,2700	9,2700			9,2700					
Certificate	NL0013002736	FVS 12.28TL OPENB	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	DE000CV4Z2E1	FVS 13.07TL OPENZ	EUR	7,1950	7,1950	7,1950			7,1950					
Certificate	NL0013002744	FVS 13.28TL OPENB	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	NL0012979561	FVS 14.28TL OPENB	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0013004880	FVS 15.28TL OPENB	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	NL0013006364	FVS 16.28TL OPENB	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	NL0013013998	FVS 17.27TL OPENB	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	NL0013007065	FVS 19.29TS OPENB	EUR											
Certificate	NL0013011141	FVS 20.03TS OPENB	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	NL0012970081	FVS 22.02TS OPENB	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	DE000CV88KY1	FVS 23.75TS OPENZ	EUR	12,4950	12,4950	12,4950			12,4950					
Certificate	DE000CV88BT0	FVS 27.54TS OPENZ	EUR	17,5450	17,5450	17,5450			17,5450					
Certificate	NL0012688063	FVS 27.91TS OPENB	EUR	11,4800	11,4800	11,4800			11,4800					
Certificate	DE000CV87L87	FVS 31.31TS OPENZ	EUR	22,5850	22,5850	22,5850			22,5850					
Certificate	NL0012106041	FVS 33.83TS OPENB	EUR	18,2500	18,2500	18,0500	14180,2500	1	18,0500	777				
Certificate	DE000CV87L95	FVS 35.06TS OPENZ	EUR	27,5750	27,5750	27,5750			27,5750					
Certificate	NL0012038277	FVS 38.62TS OPENB	EUR	23,3700	23,3700	23,3700			23,3700					
Certificate	DE000CV87LA1	FVS 38.81TS OPENZ	EUR	32,5750	32,5750	32,5750			32,5750					
Certificate	NL0012024582	FVS 43.41TS OPENB	EUR	28,7000	28,7000	28,7000			28,7000					
Certificate	DE000CD61XL6	FVS 60.77TS OPENZ	EUR	61,8650	61,8650	61,8650			61,8650					
Certificate	DE000CN6J0L5	FVS 67.32TS OPENZ	EUR	70,5850	70,5850	70,5850			70,5850					
Certificate	DE000VN61065	GAS LEVOPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN61057	GAS LEVOPENV	EUR	0,4980	0,4980	0,4980			0,4980					
Certificate	DE000VN61073	GAS LEVOPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VA23427	GAS LEVOPENV	EUR	5,3750	5,3750	5,3750			5,3750					
Certificate	DE000VN611A3	GAS SHROOPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN61099	GAS SHROOPENV	EUR	0,0300	0,0300	0,0300			0,0300					
Certificate	DE000VN61081	GAS SHROOPENV	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	NL0013004062	GAS 3TL OPENB	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	NL0012989263	GAS 2.75TL OPENB	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	NL0013004864	GAS 3.74TS OPENB	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	DE000CJ3NXU3	GAS 2.899TL OPENZ	EUR	0,4250	0,4450	0,4250			0,4450					
Certificate	DE000CD63W01	GASI 10.49TL OPENZ	EUR	3,3400	3,5850	3,3400			3,5850					
Certificate	DE000CD640K6	GASI 11.98TL OPENZ	EUR	1,8500	2,1050	1,8500			2,1050					
Certificate	DE000CE6DMR1	GASI 13.48TL OPENZ	EUR	0,3900	0,6350	0,3900			0,6350					



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	NL0012493027	GASOI 507TL OPENB	EUR	19,0300	19,0300	19,0300			19,0300					
Certificate	NL0012777395	GASOI 583TL OPENB	EUR	12,6200	12,6200	12,6200			12,6200					
Certificate	NL0012994164	GASOI 658TL OPENB	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	NL0013002264	GASOI 756TS OPENB	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	NL0010910659	GAZPR 2.1TL OPENB	EUR	2,4500	2,5400	2,4500			2,5400					
Certificate	NL0013011018	GBL 84TS OPENB	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	NL0009071521	GBL 33.7TL OPENB	EUR	48,3700	48,3700	48,3700			48,3700					
Certificate	NL0010887287	GBL 54.8TL OPENB	EUR	26,7500	28,7100	26,7500			28,7100					
Certificate	NL0010893582	GBL 57.6TL OPENB	EUR	24,2000	26,1600	24,2000			26,1600					
Certificate	DE000CN6KC28	GBL 66.1TL OPENZ	EUR	1,2200	1,3700	1,2200			1,3700					
Certificate	NL0011906482	GBL 67.9TL OPENB	EUR	16,0600	16,5400	16,0100	642,4000	1	16,5400	40				
Certificate	NL0012998009	GBL 72.7BL OPENB	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	NL0012115117	GBL 75.7TL OPENB	EUR	9,3200	9,3200	9,3200			9,3200					
Certificate	NL0012118566	GBL 78.3TL OPENB	EUR											
Certificate	NL0013007974	GBL 87.9TS OPENB	EUR	15,3600	15,3600	15,3600			15,3600					
Certificate	NL0012975692	GBL 91.8TS OPENB	EUR	19,5200	19,5200	19,5200			19,5200					
Certificate	NL0012680128	GBL 99.7TS OPENB	EUR	28,0700	28,0700	28,0700			28,0700					
Certificate	NL0012998215	GBL 104.6BS OPENB	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	DE000CR9RIU0	GBL 54.23TL OPENZ	EUR	2,4000	2,5600	2,4000			2,5600					
Certificate	DE000CR1JPL0	GBL 60.21TL OPENZ	EUR	1,8100	1,9600	1,8100			1,9600					
Certificate	NL0013008717	GBL 67.69BL OPENB	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000CD62L88	GBL 73.03TL OPENZ	EUR	0,5200	0,6800	0,5200	4940,0000	1	0,6800	7600				
Certificate	NL0012998017	GBL 77.71BL OPENB	EUR											
Certificate	NL0013009004	GBL 84.68BS OPENB	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	NL0012998207	GBL 94.66BS OPENB	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	NL0013085103	GBPUS 1.3TL OPENH	EUR											
Certificate	NL0012171912	GBPUS 0.96TL OPENH	EUR	29,0600	29,0600	29,0600			29,0600					
Certificate	NL0012171904	GBPUS 0.97TL OPENH	EUR	28,1600	28,1600	28,1600			28,1600					
Certificate	NL0012171896	GBPUS 0.98TL OPENH	EUR	27,2700	27,2700	27,2700			27,2700					
Certificate	NL0012089585	GBPUS 1.15TL OPENH	EUR	12,4800	12,4800	12,4800			12,4800					
Certificate	NL0012089577	GBPUS 1.16TL OPENH	EUR	11,5500	11,5500	11,5500			11,5500					
Certificate	NL0013085921	GBPUS 1.25TRL OPENH	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	NL0012199525	GBPUS 1.26TRL OPENH	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0012055644	GBPUS 1.27TL OPENH	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0013086184	GBPUS 1.28TL OPENH	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0013086952	GBPUS 1.28TRL OPENH	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0013085715	GBPUS 1.32TRSOPEH	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	NL0013085095	GBPUS 1.33TS OPENH	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0012918957	GBPUS 1.34TRSOPEH	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	NL0012863294	GBPUS 1.36TRSOPEH	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	NL0012906119	GBPUS 1.48TRSOPEH	EUR	17,4600	17,4600	17,4600			17,4600					
Certificate	NL0012904502	GBPUS 1.53TRSOPEH	EUR	21,8500	21,8500	21,8500			21,8500					
Certificate	DE000CE6EUR2	GBPUS 1.54TS OPENZ	EUR	22,0200	22,8100	22,0200			22,8100					
Certificate	NL0012904494	GBPUS 1.58TRSOPEH	EUR	26,2500	26,2500	26,2500			26,2500					
Certificate	DE000CV4ZV98	GBPUS 1.61TS OPENZ	EUR	28,2100	29,0100	28,2100			29,0100					
Certificate	NL0012904486	GBPUS 1.64TRSOPEH	EUR	31,5300	31,5300	31,5300			31,5300					
Certificate	NL0012901938	GBPUS 1.69TRSOPEH	EUR	35,9200	35,9200	35,9200			35,9200					
Certificate	NL0012906390	GBPUS.9317TRL OPENH	EUR	30,8000	30,8000	30,8000			30,8000					
Certificate	NL0012906176	GBPUS.9518TRL OPENH	EUR	29,0400	29,0400	29,0400			29,0400					
Certificate	NL0012899751	GBPUS.9835TRL OPENH	EUR	26,2500	26,2500	26,2500			26,2500					
Certificate	NL0012171938	GBPUS0.939TL OPENH	EUR	30,8800	30,8800	30,8800			30,8800					
Certificate	NL0012171920	GBPUS0.949TL OPENH	EUR	29,9800	29,9800	29,9800			29,9800					
Certificate	NL0012171888	GBPUS0.991TL OPENH	EUR	26,3200	26,3200	26,3200			26,3200					
Certificate	NL0012171870	GBPUS1.001TL OPENH	EUR	25,4200	25,4200	25,4200			25,4200					
Certificate	NL0012171862	GBPUS1.012TL OPENH	EUR	24,5100	24,5100	24,5100			24,5100					
Certificate	NL0012906168	GBPUS1.017TRL OPENH	EUR	23,3000	23,3000	23,3000			23,3000					
Certificate	NL0012171854	GBPUS1.023TL OPENH	EUR	23,5400	23,5400	23,5400			23,5400					
Certificate	NL0012171847	GBPUS1.034TL OPENH	EUR	22,5800	22,5800	22,5800			22,5800					
Certificate	NL0012171839	GBPUS1.044TL OPENH	EUR	21,6800	21,6800	21,6800			21,6800					
Certificate	NL0012899736	GBPUS1.044TRL OPENH	EUR	20,9700	20,9700	20,9700			20,9700					
Certificate	NL0012171821	GBPUS1.054TL OPENH	EUR	20,7900	20,7900	20,7900			20,7900					
Certificate	NL0012171813	GBPUS1.065TL OPENH	EUR	19,8600	19,8600	19,8600			19,8600					
Certificate	NL0012904551	GBPUS1.073TRL OPENH	EUR	18,4200	18,4200	18,4200			18,4200					
Certificate	NL0012171805	GBPUS1.075TL OPENH	EUR	18,9800	18,9800	18,9800			18,9800					
Certificate	NL0012171797	GBPUS1.085TL OPENH	EUR	18,0900	18,0900	18,0900			18,0900					
Certificate	NL0012171789	GBPUS1.096TL OPENH	EUR	17,1800	17,1800	17,1800			17,1800					
Certificate	NL0012899710	GBPUS1.099TRL OPENH	EUR	16,1000	16,1000	16,1000			16,1000					
Certificate	NL0012171771	GBPUS1.106TL OPENH	EUR	16,2600	16,2600	16,2600			16,2600					
Certificate	NL0012171763	GBPUS1.116TL OPENH	EUR	15,3800	15,3800	15,3800			15,3800					
Certificate	NL0012904544	GBPUS1.123TRL OPENH	EUR	14,0000	14,0000	14,0000			14,0000					
Certificate	NL0012089601	GBPUS1.127TL OPENH	EUR	14,4200	14,4200	14,4200			14,4200					
Certificate	DE000CE6CAT4	GBPUS1.131TL OPENZ	EUR	14,0100	14,0100	13,3600			13,3600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012089593	GBPUS1.138TL OPENH	EUR	13,4500	13,4500	13,4500			13,4500					
Certificate	NL0012899694	GBPUS1.139TRLOPENH	EUR	12,5800	12,5800	12,5800			12,5800					
Certificate	NL0012904536	GBPUS1.163TRLOPENH	EUR	10,4800	10,4800	10,4800			10,4800					
Certificate	NL0012089569	GBPUS1.171TL OPENH	EUR	10,6400	10,6400	10,6400			10,6400					
Certificate	NL0012899678	GBPUS1.179TRLOPENH	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	NL0012089551	GBPUS1.181TL OPENH	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	NL0012089544	GBPUS1.191TL OPENH	EUR	8,8600	8,8600	8,8600			8,8600					
Certificate	DE000CE6C8K6	GBPUS1.193TL OPENZ	EUR	8,5300	8,5300	7,8650			7,8650					
Certificate	NL0012904528	GBPUS1.198TRLOPENH	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	NL0012089536	GBPUS1.201TL OPENH	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	NL0012089528	GBPUS1.212TL OPENH	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	NL0012201529	GBPUS1.218TRLOPENH	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	NL0012089510	GBPUS1.222TL OPENH	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	NL0012988950	GBPUS1.223TL OPENB	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	NL0012200323	GBPUS1.223TRLOPENH	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	NL0012863336	GBPUS1.231TRLOPENH	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	NL0012089502	GBPUS1.232TL OPENH	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	NL0012906382	GBPUS1.242TRLOPENH	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	NL0012089494	GBPUS1.243TL OPENH	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0012055800	GBPUS1.256TL OPENH	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	DE000CE6C923	GBPUS1.256TL OPENZ	EUR	3,0600	3,0600	2,3750			2,3750					
Certificate	NL0012200398	GBPUS1.256TRLOPENH	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0012208037	GBPUS1.258TRSOPENH	EUR											
Certificate	NL0012208029	GBPUS1.259TRSOPENH	EUR											
Certificate	NL0013004096	GBPUS1.261TL OPENB	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	NL0012171755	GBPUS1.264TL OPENH	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0012198436	GBPUS1.268TRLOPENH	EUR	1,2500	1,2500	1,2000	187,5000	1	1,2000	150				
Certificate	NL0012889554	GBPUS1.273TRLOPENH	EUR	0,7400	0,7400	0,7400	37,0000	1	0,7400	50				
Certificate	NL0013086960	GBPUS1.276TRLOPENH	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0013087372	GBPUS1.277TL OPENH	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	NL0012890222	GBPUS1.277TRLOPENH	EUR	0,5400	0,5400	0,4000	285,0000	3	0,4000	600				
Certificate	NL0013085913	GBPUS1.279TRLOPENH	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	NL0012890180	GBPUS1.281TRLOPENH	EUR											
Certificate	NL0012998298	GBPUS1.283TL OPENB	EUR											
Certificate	NL0013086176	GBPUS1.283TL OPENH	EUR											
Certificate	NL0013085905	GBPUS1.283TRLOPENH	EUR											
Certificate	NL0012906150	GBPUS1.284TRLOPENH	EUR											
Certificate	NL0012902340	GBPUS1.285TL OPENH	EUR											
Certificate	NL0013085897	GBPUS1.286TRLOPENH	EUR											
Certificate	NL0012899652	GBPUS1.287TRLOPENH	EUR											
Certificate	NL0013086168	GBPUS1.289TL OPENH	EUR											
Certificate	NL0012906143	GBPUS1.289TRLOPENH	EUR											
Certificate	NL0013085137	GBPUS1.291TL OPENH	EUR											
Certificate	NL0012904197	GBPUS1.292TRLOPENH	EUR											
Certificate	NL0013085129	GBPUS1.294TL OPENH	EUR											
Certificate	NL0012900500	GBPUS1.294TRLOPENH	EUR											
Certificate	NL0013084718	GBPUS1.296TRLOPENH	EUR											
Certificate	NL0013085111	GBPUS1.297TL OPENH	EUR											
Certificate	NL0013079858	GBPUS1.297TRLOPENH	EUR											
Certificate	NL0013079841	GBPUS1.299TRLOPENH	EUR											
Certificate	NL0013079833	GBPUS1.301TRLOPENH	EUR											
Certificate	NL0013081144	GBPUS1.303TRLOPENH	EUR											
Certificate	NL0013083959	GBPUS1.304TRLOPENH	EUR											
Certificate	NL0013081136	GBPUS1.306TRLOPENH	EUR											
Certificate	NL0013082456	GBPUS1.307TRLOPENH	EUR											
Certificate	NL0013082449	GBPUS1.309TRLOPENH	EUR											
Certificate	NL0013086945	GBPUS1.313TRSOPENH	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	NL0013086937	GBPUS1.314TRSOPENH	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	NL0013087364	GBPUS1.314TS OPENH	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0013086929	GBPUS1.315TRSOPENH	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	NL0013085749	GBPUS1.317TRSOPENH	EUR	2,3400	3,1400	2,3400	152,1000	1	3,1400	65				
Certificate	NL0013087356	GBPUS1.317TS OPENH	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	NL0013085731	GBPUS1.318TRSOPENH	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	NL0013085723	GBPUS1.319TRSOPENH	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	NL0013086150	GBPUS1.319TS OPENH	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	NL0013085707	GBPUS1.321TRSOPENH	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	NL0013085699	GBPUS1.322TRSOPENH	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	NL0013086143	GBPUS1.322TS OPENH	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	NL0013085681	GBPUS1.323TRSOPENH	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	NL0013085673	GBPUS1.324TRSOPENH	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	NL0013085665	GBPUS1.325TRSOPENH	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	NL0013086135	GBPUS1.325TS OPENH	EUR	5,0200	5,0200	5,0200			5,0200					



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	NL0012904171	GBPUS1.327TRSOPENH	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	NL0012905509	GBPUS1.328TRSOPENH	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	NL0013083124	GBPUS1.328TS OPENH	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0012905491	GBPUS1.329TRSOPENH	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	NL0012929319	GBPUS1.331TRSOPENH	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	NL0012904163	GBPUS1.333TRSOPENH	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	NL0012982250	GBPUS1.333TS OPENB	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0013085087	GBPUS1.333TS OPENH	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	NL0012905483	GBPUS1.334TRSOPENH	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	NL0013083942	GBPUS1.335TRSOPENH	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	NL0013085079	GBPUS1.336TS OPENH	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	NL0012918965	GBPUS1.337TRSOPENH	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	NL0012905475	GBPUS1.338TRSOPENH	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	NL0013084700	GBPUS1.339TRSOPENH	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	NL0012902316	GBPUS1.339TS OPENH	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	NL0013083934	GBPUS1.341TRSOPENH	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	NL0012916373	GBPUS1.343TRSOPENH	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	NL0013083926	GBPUS1.344TRSOPENH	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	NL0012902308	GBPUS1.344TS OPENH	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	NL0013082423	GBPUS1.345TRSOPENH	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	NL0012866230	GBPUS1.347TRSOPENH	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	NL0012866198	GBPUS1.351TRSOPENH	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	DE000CV89JC7	GBPUS1.352TS OPENZ	EUR	5,6000	6,3200	5,5300	11,0600	1	6,3200	2				
Certificate	NL0012902290	GBPUS1.354TS OPENH	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	NL0012866156	GBPUS1.355TRSOPENH	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	NL0012793293	GBPUS1.358TS OPENB	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	NL001288689	GBPUS1.363TS OPENH	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	NL0012848303	GBPUS1.365TRSOPENH	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	NL0012615801	GBPUS1.369TRSOPENH	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	NL0012614663	GBPUS1.373TRSOPENH	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	NL0012612832	GBPUS1.377TRSOPENH	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	NL0012612790	GBPUS1.381TRSOPENH	EUR	8,7500	8,7500	8,7500			8,7500					
Certificate	NL0012612758	GBPUS1.385TRSOPENH	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	NL0012612717	GBPUS1.389TRSOPENH	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	NL0012903900	GBPUS1.404TS OPENH	EUR	11,9700	11,9700	11,9700			11,9700					
Certificate	NL0012614614	GBPUS1.408TRSOPENH	EUR	11,1200	11,1200	11,1200			11,1200					
Certificate	NL0012785596	GBPUS1.408TS OPENB	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000CV88K12	GBPUS1.413TS OPENZ	EUR	10,8600	11,6000	10,8600	305,1000	1	11,6000	27				
Certificate	NL0012784086	GBPUS1.432TS OPENB	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	NL0012171649	GBPUS1.433TS OPENH	EUR	14,6700	14,6700	14,6700			14,6700					
Certificate	NL0012899645	GBPUS1.435TRSOPENH	EUR	13,4800	13,4800	13,4800			13,4800					
Certificate	NL0012171631	GBPUS1.443TS OPENH	EUR	15,5500	15,5500	15,5500			15,5500					
Certificate	NL0013082415	GBPUS1.445TRSOPENH	EUR	14,3900	14,3900	14,3900			14,3900					
Certificate	NL0012171623	GBPUS1.453TS OPENH	EUR	16,4300	16,4300	16,4300			16,4300					
Certificate	NL0012775266	GBPUS1.457TS OPENB	EUR	1,9450	1,9450	1,9450			1,9450					
Certificate	NL0012171615	GBPUS1.463TS OPENH	EUR	17,3000	17,3000	17,3000			17,3000					
Certificate	NL0012904510	GBPUS1.465TRSOPENH	EUR	16,1400	16,1400	16,1400			16,1400					
Certificate	DE000CE6D608	GBPUS1.472TS OPENZ	EUR	16,1100	16,8700	16,1100			16,8700					
Certificate	NL0012171607	GBPUS1.473TS OPENH	EUR	18,1800	18,1800	18,1800			18,1800					
Certificate	NL0012898985	GBPUS1.505TRSOPENH	EUR	19,6300	19,6300	19,6300			19,6300					
Certificate	NL0012896637	GBPUS1.515TRSOPENH	EUR	20,5200	20,5200	20,5200			20,5200					
Certificate	NL0012898969	GBPUS1.555TRSOPENH	EUR	24,0300	24,0300	24,0300			24,0300					
Certificate	NL0012898944	GBPUS1.615TRSOPENH	EUR	29,3100	29,3100	29,3100			29,3100					
Certificate	NL0012578991	GBPUS1.632TS OPENH	EUR	32,2800	32,2800	32,2800			32,2800					
Certificate	NL0012898928	GBPUS1.675TRSOPENH	EUR	34,5900	34,5900	34,5900			34,5900					
Certificate	DE0006874803	GBUGS PI OPENN	EUR	133,7700	133,7700	133,7700			133,7700					
Certificate	NL0011264189	GBUGS 79.4TL OPENB	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	NL0011264197	GBUGS 95.9TL OPENB	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	NL0011639588	GBUGS112.3TL OPENB	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0011642673	GBUGS128.5TL OPENB	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0012989974	GBUGS152.1TS OPENB	EUR											
Certificate	NL0012985709	GBUGS175.1TS OPENB	EUR	4,3150	4,3150	4,3150			4,3150					
Certificate	NL0013010739	GBUGS201.3TS OPENB	EUR	6,8650	6,8650	6,8650			6,8650					
Certificate	NL0012021315	GBUGS232.1TS OPENB	EUR	9,8850	9,8850	9,8850			9,8850					
Certificate	DE000VN61X80	GDAXI LEVOPENV	EUR	3,7750	3,7750	3,7750			3,7750					
Certificate	DE000VL51217	GDAXI LEVOPENV	EUR	0,7560	0,7560	0,7560			0,7560					
Certificate	DE000VN61X72	GDAXI LEVOPENV	EUR	11,1450	11,1450	11,1450			11,1450					
Certificate	DE000VL51233	GDAXI LEVOPENV	EUR	0,2120	0,2120	0,2120			0,2120					
Certificate	DE000VL51241	GDAXI LEVOPENV	EUR	0,0180	0,0180	0,0180			0,0180					
Certificate	DE000VL51209	GDAXI LEVOPENV	EUR	5,5750	5,5750	5,5750			5,5750					
Certificate	DE000VN61X98	GDAXI LEVOPENV	EUR	0,6980	0,8520	0,6980	7678,0000	6	0,8520	10000				
Certificate	DE000VN61YA6	GDAXI LEVOPENV	EUR	0,1280	0,1720	0,1240	15336,0000	8	0,1640	106000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA234W3	GDAXI SHROPNV	EUR	20,7200	20,7200	20,7200			20,7200					
Certificate	DE000VN61YC2	GDAXI SHROPNV	EUR	3,4700	3,4750	3,3350	20,4300	2	3,3750	6				
Certificate	DE000VN61YB4	GDAXI SHROPNV	EUR	7,0550	7,0550	7,0550			7,0550					
Certificate	DE000VN61YE8	GDAXI SHROPNV	EUR	0,2760	0,2760	0,1960	29320,3600	11	0,2060	137810				
Certificate	DE000VN61YD0	GDAXI SHROPNV	EUR	0,8840	0,8840	0,8620	1768,0000	1	0,8620	2000				
Certificate	NL0000479152	GDRUG PI OPENN	EUR	23,8200	23,9600	23,8200			23,9600					
Certificate	NL0011521554	GE 31.2TS OPENB	EUR	20,0800	20,0800	20,0800			20,0800					
Certificate	NL0011530662	GE 34.5TS OPENB	EUR	23,2900	23,2900	23,2900			23,2900					
Certificate	DE000CJ3N583	GEAUT 9TL OPENZ	EUR	0,6350	0,7000	0,6350			0,7000					
Certificate	DE000CJ3NWG4	GEAUT 12TL OPENZ	EUR	0,3250	0,3800	0,3250			0,3800					
Certificate	DE000CJ3NYES	GEAUT 10.5TL OPENZ	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000CJ3PHJ4	GEAUT 13.5TL OPENZ	EUR	0,1650	0,2300	0,1650			0,2300					
Certificate	DE000CJ3PDM7	GEAUT 13.5TL OPENZ	EUR											
Certificate	DE000CE6BQ80	GENMA LEVOPENZ	EUR	0,0560	0,0560	0,0480			0,0480					
Certificate	DE000CE6BQA2	GENMA SHROPNV	EUR	3,4610	3,9200	3,4610			3,9200					
Certificate	NL0011425384	GENMA 475TL OPENB	EUR	4,9750	5,0000	4,9750	500,0000	1	5,0000	100				
Certificate	NL0011425392	GENMA 527TL OPENB	EUR	4,3450	4,3450	4,3450			4,3450					
Certificate	NL0011425400	GENMA 581TL OPENB	EUR	3,6950	3,6950	3,6950			3,6950					
Certificate	NL0011442751	GENMA 634TL OPENB	EUR	3,0350	3,0350	2,9800	1355,9000	1	2,9950	455				
Certificate	NL0011649959	GENMA 687TL OPENB	EUR	2,3950	2,4300	2,3200	17177,2600	9	2,3650	7337				
Certificate	NL0011651930	GENMA 739TL OPENB	EUR	1,7800	1,8100	1,6500	28183,1000	12	1,6700	16710				
Certificate	NL0011655212	GENMA 791TL OPENB	EUR	1,1150	1,1400	1,0600	14214,2000	10	1,1250	12825				
Certificate	DE000VA7PV75	GENMA 1007TS OPENV	EUR	3,0010	3,0010	3,0010			3,0010					
Certificate	DE000VA7PW87	GENMA 1011TS OPENV	EUR	3,7260	3,7260	3,7260			3,7260					
Certificate	DE000VA3TFH0	GENMA 1015TS OPENV	EUR											
Certificate	DE000VA3TFJ6	GENMA 1017TS OPENV	EUR											
Certificate	NL0013012958	GENMA 1026TS OPENB	EUR	4,5450	4,5450	4,5450			4,5450					
Certificate	DE000VA64XJ0	GENMA 1057TS OPENV	EUR	3,6680	3,6680	3,6680			3,6680					
Certificate	DE000VA64XK8	GENMA 1061TS OPENV	EUR	4,4230	4,4230	4,4230			4,4230					
Certificate	DE000VA6D500	GENMA 1109TS OPENV	EUR	4,3350	4,3350	4,3350			4,3350					
Certificate	DE000VA6D518	GENMA 1111TS OPENV	EUR	5,0950	5,0950	5,0950			5,0950					
Certificate	NL0013012966	GENMA 1117TS OPENB	EUR	5,8850	5,8850	5,8850			5,8850					
Certificate	DE000VA4YQV4	GENMA 1131TS OPENV	EUR	4,6010	4,6010	4,6010			4,6010					
Certificate	DE000VA5RB46	GENMA 1133TS OPENV	EUR	5,3750	5,3750	5,3750			5,3750					
Certificate	DE000VL76M20	GENMA 1135TL OPENV	EUR											
Certificate	DE000VL76M05	GENMA 1155TL OPENV	EUR											
Certificate	DE000VA32492	GENMA 1155TS OPENV	EUR	5,6450	5,6450	5,6450			5,6450					
Certificate	DE000VA15TN2	GENMA 1157TS OPENV	EUR	4,8650	4,8650	4,8650			4,8650					
Certificate	DE000VA4RL52	GENMA 1174TS OPENV	EUR	5,1250	5,1250	5,1250			5,1250					
Certificate	DE000VA5ELM5	GENMA 1191TS OPENV	EUR	5,3950	5,3950	5,3950			5,3950					
Certificate	DE000VA4RM44	GENMA 1195TS OPENV	EUR	6,2150	6,2150	6,2150			6,2150					
Certificate	NL0012975700	GENMA 1217TS OPENB	EUR	7,3750	7,3750	7,3750			7,3750					
Certificate	DE000VA15QK7	GENMA 1237TL OPENV	EUR											
Certificate	DE000VA15S28	GENMA 1237TS OPENV	EUR	5,9150	5,9150	5,9150			5,9150					
Certificate	DE000VA15S06	GENMA 1237TS OPENV	EUR	6,7450	6,7450	6,7450			6,7450					
Certificate	DE000VA15R49	GENMA 1257TS OPENV	EUR	6,1850	6,1850	6,1850			6,1850					
Certificate	DE000VA15R64	GENMA 1257TS OPENV	EUR	7,0250	7,0250	7,0250			7,0250					
Certificate	DE000VA15R56	GENMA 1277TS OPENV	EUR	6,4450	6,4450	6,4450			6,4450					
Certificate	DE000VA15R72	GENMA 1277TS OPENV	EUR	7,2950	7,2950	7,2950			7,2950					
Certificate	DE000CE6FEB7	GENMA 1295TS OPENZ	EUR	8,4150	8,7200	8,4150			8,7200					
Certificate	DE000VA15Q67	GENMA 1297TS OPENV	EUR											
Certificate	DE000VA12GL1	GENMA 1298TS OPENV	EUR	6,7050	6,7050	6,7050			6,7050					
Certificate	NL0012975718	GENMA 1316TS OPENB	EUR	8,8450	8,8450	8,8450			8,8450					
Certificate	DE000VA12GM9	GENMA 1318TS OPENV	EUR	6,9750	6,9750	6,9750			6,9750					
Certificate	DE000CN6JDA2	GENMA643.9TL OPENZ	EUR	3,0750	3,0750	2,7700	7391,8000	3	2,7700	2490				
Certificate	DE000CJ3N3A7	GENMA722.2TL OPENZ	EUR	2,0850	2,0850	1,8100	6499,8000	3	1,8100	3140				
Certificate	DE000VA8FU80	GENMA800.6TL OPENV	EUR											
Certificate	DE000CN6K0X7	GENMA802.2TL OPENZ	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	DE000VA8FTY4	GENMA803.4TL OPENV	EUR											
Certificate	DE000VA71XP2	GENMA850.6TL OPENV	EUR											
Certificate	DE000VA71W43	GENMA853.2TL OPENV	EUR											
Certificate	DE000CJ3PEA0	GENMA882.2TL OPENZ	EUR											
Certificate	DE000VA8FRY8	GENMA900.6TL OPENV	EUR											
Certificate	DE000VA711H1	GENMA903.2TL OPENV	EUR											
Certificate	DE000VA8FTX6	GENMA905.7TS OPENV	EUR	1,6650	1,6650	1,6650			1,6650					
Certificate	DE000VA8FUA2	GENMA910.6TS OPENV	EUR	2,3330	2,3330	2,3330			2,3330					
Certificate	DE000VA77GK3	GENMA956.3TS OPENV	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	DE000VA7THJ3	GENMA960.6TS OPENV	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	DE000VA2T745	GENMA977.1TS OPENV	EUR											
Certificate	DE000VA3TH65	GENMA977.1TS OPENV	EUR											
Certificate	DE000VA3TEX0	GENMA994.6TL OPENV	EUR											
Certificate	DE000VA3TEZ5	GENMA995.3TL 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	DE000VA3TH73	GENMA997.1TS OPENV	EUR											
Certificate	DE000CV880E9	GFS 1.6TL OPENZ	EUR	0,7100	0,7600	0,7100			0,7600					
Certificate	DE000CV4ZVF4	GFS 1.82TL OPENZ	EUR	0,4800	0,5400	0,4800			0,5400					
Certificate	DE000CV4YZX1	GFS 2.05TL OPENZ	EUR	0,2300	0,2900	0,2300			0,2900					
Certificate	DE000CX598V9	GILEA 60TL OPENC	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CD61PF4	GILEA 63.5TL OPENZ	EUR	0,3600	0,3800	0,3600			0,3800					
Certificate	DE000CD638X3	GILEA58.04TL OPENZ	EUR	0,5800	0,6000	0,5800			0,6000					
Certificate	DE000CV4ZTV5	GIMV 43.1TL OPENZ	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	DE000CV898B7	GIMV 28.45TL OPENZ	EUR	1,9250	1,9250	1,9250			1,9250					
Certificate	DE000CE6D6C6	GIMV 32.76TL OPENZ	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	DE000CE6CQM5	GIMV 36.95TL OPENZ	EUR	1,1150	1,1150	1,1150			1,1150					
Certificate	DE000CE6CQL7	GIMV 41.15TL OPENZ	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	DE000CV4YYD6	GIVN 1753TL OPENZ	EUR	2,5150	2,7750	2,5150			2,7750					
Certificate	DE000CV508T4	GIVN 1956TL OPENZ	EUR	1,6450	1,9150	1,6450			1,9150					
Certificate	DE000CV895N5	GIVN 2159TL OPENZ	EUR	0,7750	1,0450	0,7750			1,0450					
Certificate	DE000CN6FBU2	GLAXO 12.TL OPENZ	EUR	0,7700	0,7700	0,7400	7400,0000	1	0,7450	10000				
Certificate	DE000CR9Q7V8	GLAXO10.15TL OPENZ	EUR	1,1900	1,1900	1,1500	14950,0000	3	1,1550	13000				
Certificate	DE000CR9PR57	GLAXO10.99TL OPENZ	EUR	1,0000	1,0000	0,9650			0,9650					
Certificate	DE000CV886G1	GLAXO12.99TL OPENZ	EUR	0,5500	0,5500	0,5150			0,5150					
Certificate	DE000CJ3PF39	GLAXO14.49TL OPENZ	EUR	0,2100	0,2100	0,1850			0,1850					
Certificate	DE000CR9ROA6	GLAXO9.125TL OPENZ	EUR	1,4200	1,4200	1,3850			1,3850					
Certificate	DE000CN6HWWG3	GLENC 0.68TL OPENZ	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	DE000CN6K8C4	GLENC 1.22TL OPENZ	EUR	1,9950	1,9950	1,9950			1,9950					
Certificate	DE000CD63559	GLENC 1.92TL OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000CD63EL2	GLENC 2.25TL OPENZ	EUR	0,8850	1,0200	0,8850	2040,0000	1	1,0200	2000				
Certificate	DE000CD64C38	GLENC 2.61TL OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	XS1894611869	GLPG STN1021B	EUR	98,9500	99,0500	97,0000	51094,0000	14	97,1500	52000				
Certificate	DE000CY50UM9	GLPG 50TL OPENC	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000CY50WZ7	GLPG 50TL OPENC	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	DE000CY50X00	GLPG 55TL OPENC	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	DE000CY50J08	GLPG 56TL OPENC	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000CY50J16	GLPG 58TL OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CY50J57	GLPG 58TL OPENC	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	DE000CY16M30	GLPG 60TL OPENC	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	DE000CY50J65	GLPG 60TL OPENC	EUR	2,8400	2,8400	2,7800	204,4800	1	2,7800	72				
Certificate	DE000CY511D9	GLPG 62TL OPENC	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000CY52BE2	GLPG 65TL OPENC	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000CY511B3	GLPG 65TL OPENC	EUR	2,3100	2,3300	2,1500	57808,9600	10	2,1700	25776				
Certificate	DE000CY514E1	GLPG 70TL OPENC	EUR											
Certificate	DE000CY516N7	GLPG 70TL OPENC	EUR	2,0400	2,1400	1,6800	71990,3300	91	1,8300	37139				
Certificate	DE000CQ5BPO2	GLPG 75TL OPENC	EUR	1,6000	1,6400	1,3500	11530,0000	3	1,4000	7400				
Certificate	DE000CQ5B089	GLPG 75TL OPENC	EUR											
Certificate	DE000CQ5BNF6	GLPG 75TL OPENC	EUR	1,5000	1,5000	1,1700	6069,5000	7	1,2400	4400				
Certificate	DE000CQ5B2J7	GLPG 75TL OPENC	EUR											
Certificate	DE000CQ5B097	GLPG 80TL OPENC	EUR											
Certificate	DE000CQ5B2K5	GLPG 80TL OPENC	EUR											
Certificate	DE000CQ5ACT2	GLPG 85TS OPENC	EUR											
Certificate	DE000CQ5AK99	GLPG 85TS OPENC	EUR											
Certificate	DE000CP06ZT3	GLPG 90TS OPENC	EUR											
Certificate	DE000CP06TX8	GLPG 90TS OPENC	EUR											
Certificate	NL0012976625	GLPG 918OC0619B	EUR	88,4300	88,4300	88,4300			88,4300					
Certificate	DE000CP06MA1	GLPG 100TS OPENC	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CP06PH9	GLPG 100TS OPENC	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	NL0012796403	GLPG 101BOC0919Z	EUR	86,5000	86,5000	86,5000			86,5000					
Certificate	NL0012793038	GLPG 103BOC1218B	EUR	98,5500	98,5500	98,5500			98,5500					
Certificate	NL0012796668	GLPG 105BOC0919Z	EUR	85,8500	85,8500	85,8500			85,8500					
Certificate	NL0012796411	GLPG 105BOC1219Z	EUR	86,2900	86,2900	86,2900			86,2900					
Certificate	NL0012796676	GLPG 105BOC1219Z	EUR	86,2900	86,2900	86,2900			86,2900					
Certificate	DE000CY51C12	GLPG 110TS OPENC	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	DE000CY51AC0	GLPG 110TS OPENC	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0012796684	GLPG 115BOC1219Z	EUR	84,8600	84,8600	84,8600			84,8600					
Certificate	DE000CP06K50	GLPG 120TS OPENC	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000CP06K19	GLPG 120TS OPENC	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000CP06K68	GLPG 130TS OPENC	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	DE000CP06K27	GLPG 130TS OPENC	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	NL0012677488	GLPG 105.BS OPENB	EUR	20,8600	20,8600	20,8600			20,8600					
Certificate	NL0012984355	GLPG 108.BS OPENB	EUR	23,8500	23,8500	23,8500			23,8500					
Certificate	NL0012985618	GLPG 111.BS OPENB	EUR	27,6200	27,6700	26,8300	7558,0000	2	26,8300	275				
Certificate	NL0012997266	GLPG 114.BS OPENB	EUR	28,3500	29,8400	28,3500	1134,0000	1	29,8400	40				
Certificate	NL0011898101	GLPG 41.3TL OPENB	EUR	48,7200	48,7200	48,7200			48,7200					
Certificate	NL0011818539	GLPG 43.2TL OPENB	EUR	46,9300	46,9300	46,9300			46,9300					
Certificate	NL0011898119	GLPG 45.4TL OPENB	EUR	44,9500	44,9500	44,9500			44,9500					



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	NL0012016281	GLPG 50.2TL OPENB	EUR	41,9900	41,9900	40,5800	667,1400	2	40,5800		16			
Certificate	NL0012016489	GLPG 52.8TL OPENB	EUR	38,2300	38,2300	38,2300			38,2300					
Certificate	NL0012030472	GLPG 55.5TL OPENB	EUR	35,8200	35,8200	35,8200			35,8200					
Certificate	NL0012100606	GLPG 58.3TL OPENB	EUR	34,4900	34,5100	33,2800	77002,5000	6		2250				
Certificate	NL0012108377	GLPG 61.2TL OPENB	EUR	30,5700	30,5700	30,5700			30,5700					
Certificate	NL0012488019	GLPG 66.3TL OPENB	EUR	28,2400	28,2400	25,5200	82732,0000	9		3200				
Certificate	NL0012488100	GLPG 66.78L OPENB	EUR	22,4900	23,9700	21,2700	14980,0900	10	21,5200	669				
Certificate	NL0012692172	GLPG 69.3TL OPENB	EUR	25,0800	25,0800	23,2100	1003,2000	1	23,2100	40				
Certificate	NL0012580880	GLPG 70.7TL OPENH	EUR	2,4100	2,4100	2,1400	14479,0000	4	2,1800	6200				
Certificate	NL0012976898	GLPG 72.4TL OPENB	EUR	20,4300	20,4300	20,4300			20,4300					
Certificate	NL0012976906	GLPG 75.4TL OPENB	EUR	18,4200	18,4200	17,6900	7368,0000	2	17,6900	400				
Certificate	NL0012977359	GLPG 75.88L OPENB	EUR	14,7700	14,8100	10,7900	30852,3000	9	12,4200	2270				
Certificate	NL0012978407	GLPG 78.4TL OPENB	EUR	16,3200	16,6600	14,9700	2608,4000	3	14,9700	160				
Certificate	NL0012997001	GLPG 81.4TL OPENB	EUR	14,6700	14,6700	11,5600	4880,3700	6	12,2600	369				
Certificate	NL0013014087	GLPG 87.4TL OPENB	EUR	0,9000	0,9000	0,8000	24930,0000	8	0,8100	30750				
Certificate	NL0013005606	GLPG 95.2TS OPENB	EUR											
Certificate	LU1784830991	GLPG 96.8TS OPENS	EUR											
Certificate	NL0013001936	GLPG 101.1TS OPENB	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	LU1840348830	GLPG 103.4TPIOPENS	EUR	19,0000	19,0000	19,0000			19,0000					
Certificate	NL0012910558	GLPG 105.3TS OPENH	EUR	2,8500	3,0900	2,8500	116,4000	1	3,0900	40				
Certificate	LU1784830728	GLPG 105.6TS OPENS	EUR											
Certificate	DE000CE6CEZ3	GLPG 105.9TS OPENZ	EUR	1,3700	1,4700	1,3000	5883,7800	4	1,4350	4224				
Certificate	NL0013002975	GLPG 107.1TS OPENB	EUR	3,2850	3,2850	3,2850			3,2850					
Certificate	LU1817318188	GLPG 107.2TPIOPENS	EUR	22,7100	22,7100	22,7100			22,7100					
Certificate	LU1817318261	GLPG 112.3TPIOPENS	EUR	27,7500	27,7500	27,7500			27,7500					
Certificate	DE000CV8AGJ6	GLPG 115.2TS OPENZ	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000CV8AGL7	GLPG 124.5TS OPENZ	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	DE000CN6JF02	GLPG 18.35TL OPENZ	EUR	3,4150	3,4150	3,4150			3,4150					
Certificate	DE000CN6QE7	GLPG 21.54TL OPENZ	EUR	3,2650	3,2650	3,2650			3,2650					
Certificate	DE000CN6EN80	GLPG 25.32TL OPENZ	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	DE000CR9R185	GLPG 32.85TL OPENZ	EUR	2,7350	2,7350	2,7350			2,7350					
Certificate	DE000CN6ETT9	GLPG 36.54TL OPENZ	EUR	2,5650	2,5650	2,5650			2,5650					
Certificate	DE000CN6JU04	GLPG 39.44TL OPENZ	EUR	2,5700	2,5700	2,4300	27507,4000	3	2,4350	11220				
Certificate	NL0011899190	GLPG 42.588L OPENB	EUR	44,7900	44,7900	44,7900			44,7900					
Certificate	DE000CNGL865	GLPG 42.99TL OPENZ	EUR	2,2650	2,2650	2,2650			2,2650					
Certificate	NL0011899216	GLPG 46.838L OPENB	EUR	42,0500	42,0500	40,5400	1261,5000	1	40,5400	30				
Certificate	DE000CD61LN7	GLPG 47.02TL OPENZ	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	NL0011915012	GLPG 48.948L OPENB	EUR	38,4300	38,4300	38,4300			38,4300					
Certificate	DE000CD62S08	GLPG 51.02TL OPENZ	EUR	1,9900	1,9900	1,8950	895,5000	1	1,8950	450				
Certificate	NL0012016380	GLPG 51.058L OPENB	EUR	36,3200	36,3200	36,3200			36,3200					
Certificate	NL0012592794	GLPG 52.53TL OPENH	EUR	4,0600	4,0600	3,8300			3,8300					
Certificate	NL0012016562	GLPG 53.158L OPENB	EUR	34,2200	34,2200	34,2200			34,2200					
Certificate	NL0012028856	GLPG 55.258L OPENB	EUR	32,1100	32,1100	32,1100			32,1100					
Certificate	DE000CD63MR2	GLPG 55.51TL OPENZ	EUR	1,8400	1,8400	1,6750	3595,3000	5	1,6750	2010				
Certificate	NL0012585293	GLPG 56.54TL OPENH	EUR	3,7000	3,7000	3,4700			3,4700					
Certificate	NL0012100044	GLPG 57.348L OPENB	EUR	30,0700	30,0700	30,0700			30,0700					
Certificate	NL0012100929	GLPG 59.448L OPENB	EUR	30,0000	30,0000	27,9300	7092,0000	2	27,9300	240				
Certificate	DE000CD645U4	GLPG 59.91TL OPENZ	EUR	1,6400	1,6400	1,4750	1205,4000	4	1,4750	770				
Certificate	NL0012102263	GLPG 61.538L OPENB	EUR	25,9600	25,9600	25,8300	1298,0000	1	25,8300	50				
Certificate	NL0012580906	GLPG 62.62TL OPENH	EUR	3,1500	3,1500	2,9100			2,9100					
Certificate	NL0012113682	GLPG 63.618L OPENB	EUR	23,7600	23,7600	23,7600			23,7600					
Certificate	LU1650907055	GLPG 65.39TPIOPENS	EUR	21,8500	21,8500	21,2800	437,0000	1	21,2800	20				
Certificate	DE000CE6BH80	GLPG 65.39TL OPENZ	EUR	1,3800	1,3800	1,2000	17467,8600	14	1,2300	13294				
Certificate	NL0012580898	GLPG 66.66TL OPENH	EUR	2,7800	2,7800	2,5500	816,0000	1	2,5500	300				
Certificate	LU1573743462	GLPG 67.31TPIOPENS	EUR	19,9800	21,2000	18,8800	7489,9200	5	18,8800	369				
Certificate	LU1650954560	GLPG 69.61TPIOPENS	EUR	19,0000	19,1200	15,3700	24845,6500	19	16,9900	1386				
Certificate	NL0012700959	GLPG 69.768L OPENB	EUR	18,9900	18,9900	17,0900	3911,1000	3	18,4600	220				
Certificate	DE000CE6E929	GLPG 71.91TL OPENZ	EUR	2,0400	2,1500	1,8300	9531,7000	8	1,8300	4660				
Certificate	LU1790451410	GLPG 72.57TPIOPENS	EUR	16,5800	16,6200	15,1700	166,2000	1	15,1700	10				
Certificate	NL0012976682	GLPG 72.788L OPENB	EUR	17,5900	17,8500	15,4400	9110,6100	4	15,4400	519				
Certificate	NL0012935738	GLPG 76.58TL OPENH	EUR	1,8700	1,8700	1,5900	172,0000	1	1,6400	100				
Certificate	LU1817217661	GLPG 77.23TPIOPENS	EUR	12,2500	12,9000	10,8500	14064,3000	5	10,8500	1170				
Certificate	DE000CJ3N617	GLPG 77.91TL OPENZ	EUR	1,5200	1,5200	1,1800	8244,0000	9	1,2600	6000				
Certificate	NL0012979439	GLPG 78.818L OPENB	EUR	11,9700	12,3900	7,8400	44458,8000	35	9,4000	4428				
Certificate	LU1817216267	GLPG 79.12TPIOPENS	EUR	8,9700	8,9700	8,9700			8,9700					
Certificate	LU1817292367	GLPG 81.44TPIOPENS	EUR	7,4300	9,3900	6,4500	16797,9000	10	6,7000	2180				
Certificate	NL0012996839	GLPG 81.828L OPENB	EUR	8,9700	9,4600	4,9200	54137,3700	45	6,4000	7189				
Certificate	DE000CJ3PEY0	GLPG 84.91TL OPENZ	EUR	0,9000	0,9000	0,6000	3000,0000	2	0,6000	4000				
Certificate	LU1841096891	GLPG 85.43TPIOPENS	EUR	5,2500	5,2800	2,9600	5107,6000	7	2,9600	1160				
Certificate	LU1841096974	GLPG 87.36TPIOPENS	EUR	2,7000	2,7000	2,7000	540,0000	1	2,7000	200				
Certificate	LU1840911868	GLPG 91.07TPIOPENS	EUR											
Certificate	LU1841152801	GLPG 91.88TPIOPENS	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	NL0013006992	GLPG 93.09BS OPENB	EUR											
Certificate	LU1840911042	GLPG 94.44TPIOPENS	EUR											
Certificate	DE000CJ3N3L4	GLPG 95.89TS OPENZ	EUR											
Certificate	LU1859714146	GLPG 98.85TPIOPENS	EUR	14,7800	14,8200	14,7800	11087,5000	3	14,8200	750				
Certificate	NL0013004443	GLPG 99.06BS OPENB	EUR	1,2400	1,4950	1,2350	5252,5000	4	1,4950	4000				
Certificate	NL0012370779	GMLTO 31TL OPENH	EUR	2,2200	2,2200	2,2200								
Certificate	DE000CV52M84	GMLTO 45TL OPENC	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CW3AWX9	GMLTO 70TS OPENC	EUR											
Certificate	DE000CX00M47	GMLTO 75TS OPENC	EUR											
Certificate	DE000CW3AE57	GMLTO 80TS OPENC	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000CX00N95	GMLTO 80TS OPENC	EUR											
Certificate	NL0011713904	GMLTO 96TS OPENH	EUR	5,6300	5,6400	5,6300			5,6400					
Certificate	DE000CE6EY00	GMLTO 29.TL OPENZ	EUR											
Certificate	NL0012438279	GMLTO 12.4TL OPENH	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	NL0011991138	GMLTO 16.4TL OPENH	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	NL0011991120	GMLTO 20.5TL OPENH	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	NL0012526552	GMLTO 24.4TL OPENH	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	NL0012500672	GMLTO 25.8TL OPENB	EUR	26,3400	26,3400	26,3400			26,3400					
Certificate	DE000CE6F264	GMLTO 26.9TL OPENZ	EUR	2,3500	2,3500	2,3500	23,5000	1	2,3500	10				
Certificate	NL0011416433	GMLTO 27.4TL OPENZ	EUR	2,5400	2,5500	2,5400			2,5500					
Certificate	NL0012499677	GMLTO 28.8TL OPENB	EUR	23,4900	23,4900	23,4900			23,4900					
Certificate	NL0012527956	GMLTO 30.5TL OPENH	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	NL0012541767	GMLTO 30.7TL OPENH	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0012693170	GMLTO 31.9TL OPENB	EUR	20,6400	20,6400	20,6400			20,6400					
Certificate	NL0012548192	GMLTO 34.3TL OPENH	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0012548184	GMLTO 36.3TL OPENH	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0012548176	GMLTO 38.3TL OPENH	EUR	1,5400	1,5500	1,5400			1,5500					
Certificate	NL0012548168	GMLTO 40.4TL OPENH	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	NL0012548150	GMLTO 42.4TL OPENH	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0012549091	GMLTO 44.4TL OPENH	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	NL0012549943	GMLTO 46.4TL OPENH	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0012370746	GMLTO 50.7TS OPENH	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	NL0012494579	GMLTO 53.4BOC1218B	EUR	53,1500	53,1500	53,1500			53,1500					
Certificate	NL0012523898	GMLTO 54.6TS OPENH	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0012206783	GMLTO 57.9TS OPENH	EUR	1,4000	1,4100	1,4000			1,4100					
Certificate	NL0012437891	GMLTO 62.4TS OPENH	EUR	1,9000	1,9100	1,9000			1,9100					
Certificate	NL0011425418	GMLTO 63.6TS OPENB	EUR	18,4600	18,4600	18,4600			18,4600					
Certificate	NL0011991039	GMLTO 64.6TS OPENH	EUR	2,1500	2,1600	2,1500			2,1600					
Certificate	NL0012435267	GMLTO 70.2TS OPENH	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	NL0012240147	GMLTO 73.4TS OPENH	EUR	3,1200	3,1300	3,1200			3,1300					
Certificate	NL0012330187	GMLTO 83.5TS OPENH	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	NL0012488951	GMLTO26.84BL OPENB	EUR	24,4200	24,4200	24,4200			24,4200					
Certificate	NL0012500581	GMLTO28.91BL OPENB	EUR	22,3600	22,3600	22,3600			22,3600					
Certificate	NL0012279590	GMLTO30.96BL OPENB	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CE6EMM0	GMLTO31.08TL OPENZ	EUR											
Certificate	NL0011442587	GMLTO61.26BS OPENB	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CR9S779	GMLTO61.45TS OPENZ	EUR											
Certificate	NL0009938836	GMOTR11.59TL OPENB	EUR	18,4600	18,4600	18,4600			18,4600					
Certificate	NL0010132064	GMOTR13.91TL OPENB	EUR	16,6000	16,6000	16,6000			16,6000					
Certificate	NL0011903802	GMOTR25.61TL OPENB	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	NL0011917034	GMOTR28.47TL OPENB	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	DE000VN610B3	GOLD LEVOPENV	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	DE000VN610A5	GOLD LEVOPENV	EUR	5,5650	5,5650	5,5650			5,5650					
Certificate	DE000VN61296	GOLD LEVOPENV	EUR	9,8650	9,8650	9,8650			9,8650					
Certificate	DE000CE6C1D6	GOLD LEVOPENZ	EUR	2,6520	2,6520	2,4990			2,4990					
Certificate	DE000CE6C1B0	GOLD LEVOPENZ	EUR	6,0300	6,0300	5,8650			5,8650					
Certificate	DE000CE6C1A2	GOLD LEVOPENZ	EUR	8,6150	8,6150	8,5950			8,5950					
Certificate	NL0000778801	GOLD PI OPENN	EUR	10,7800	10,7800	10,7800			10,7800					
Certificate	DE000VN610E7	GOLD SHROPENV	EUR	1,4750	1,4750	1,4750			1,4750					
Certificate	DE000VN610D9	GOLD SHROPENV	EUR	3,6550	3,6550	3,6550			3,6550					
Certificate	DE000VN610C1	GOLD SHROPENV	EUR	8,6350	8,6350	8,6350			8,6350					
Certificate	DE000CE6C1C8	GOLD SHROPENZ	EUR	7,9200	8,2200	7,9200			8,2200					
Certificate	DE000CE6C1E4	GOLD SHROPENZ	EUR	4,6080	4,9510	4,6080			4,9510					
Certificate	NL0000457703	GOLD 602TL OPENB	EUR	57,7000	57,7000	57,7000			57,7000					
Certificate	NL0000457679	GOLD 619TL OPENB	EUR	56,2600	56,2600	56,2600			56,2600					
Certificate	NL0000459378	GOLD 639TL OPENB	EUR	54,6400	54,6400	54,6400			54,6400					
Certificate	NL0000452894	GOLD 654TL OPENB	EUR	53,3800	53,3800	53,3800			53,3800					
Certificate	NL0000174795	GOLD 668TL OPENB	EUR	52,2000	52,2000	52,2000			52,2000					
Certificate	NL0000430742	GOLD 670TL OPENB	EUR	52,0500	52,0500	52,0500			52,0500					
Certificate	NL0000431138	GOLD 699TL OPENB	EUR	49,6000	49,6000	49,6000			49,6000					
Certificate	NL0000171015	GOLD 724TL OPENB	EUR	47,5300	47,5300	47,5300			47,5300					
Certificate	NL0000171262	GOLD 739TL OPENB	EUR	46,2500	46,2500	46,2500			46,2500					



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	NL0000172435	GOLD 765TL OPENB	EUR	44,0400	44,0400	44,0400			44,0400					
Certificate	NL0000172443	GOLD 780TL OPENB	EUR	42,9300	42,9300	42,8300	171,7200	1	42,8300	4				
Certificate	NL0000174092	GOLD 791TL OPENB	EUR	41,8500	41,8500	41,8500			41,8500					
Certificate	NL0000173045	GOLD 809TL OPENB	EUR	40,4000	40,4000	40,4000			40,4000					
Certificate	NL0000377968	GOLD 829TL OPENB	EUR	36,6600	36,6600	36,6600			36,6600					
Certificate	NL0000078327	GOLD 861TL OPENB	EUR	35,9800	35,9800	35,9800			35,9800					
Certificate	DE000CV8AVT9	GOLD 900TL 1218Z	EUR	2,9950	2,9950	2,9450			2,9450					
Certificate	NL00006473126	GOLD 902TL OPENB	EUR	30,3200	30,3200	30,3200			30,3200					
Certificate	DE000CX0K6H2	GOLD 920TL OPENC	EUR	19,9300	19,9300	19,9300			19,9300					
Certificate	NL00006518250	GOLD 928TL OPENB	EUR	28,0600	28,0600	28,0600			28,0600					
Certificate	DE000CX0K6G4	GOLD 950TL OPENC	EUR	17,0500	17,0500	17,0500			17,0500					
Certificate	NL00006520884	GOLD 956TL OPENB	EUR	26,0000	26,0200	25,7100	260,0000	1	25,7100	10				
Certificate	NL0011423553	GOLD 959TL OPENH	EUR	25,2600	25,2600	25,2600			25,2600					
Certificate	DE000CX0K6F6	GOLD 980TL OPENC	EUR	14,1800	14,1800	14,1800			14,1800					
Certificate	DE000CW42322	GOLD 980TL OPENC	EUR	16,4700	16,4700	16,4700			16,4700					
Certificate	NL00006521288	GOLD 983TL OPENB	EUR	23,3700	23,3700	23,3700			23,3700					
Certificate	DE000CV8A427	GOLD 1000TL 1218Z	EUR	2,1250	2,1250	2,0650			2,0650					
Certificate	DE000CP06586	GOLD 1000TL OPENC	EUR	22,2900	22,2900	22,2900			22,2900					
Certificate	DE000CC5KZ25	GOLD 1000TL OPENC	EUR	12,6100	12,6100	12,6100			12,6100					
Certificate	DE000CW0JYK9	GOLD 1000TL OPENC	EUR	11,4900	11,4900	11,4900			11,4900					
Certificate	LU1816980129	GOLD 1003TCIOPENS	EUR	19,7100	19,7100	19,2600			19,2600					
Certificate	NL0011408133	GOLD 1005TRLOPENH	EUR	20,1400	20,1400	20,1400			20,1400					
Certificate	NL0011417688	GOLD 1007TL OPENH	EUR	21,7500	21,7500	21,1300	543,7500	1	21,1300	25				
Certificate	NL0010876017	GOLD 1008TL OPENB	EUR	21,1700	21,1700	21,1700			21,1700					
Certificate	DE000CB1NF48	GOLD 1010TL OPENZ	EUR	20,0150	20,0150	19,4100			19,4100					
Certificate	NL00006527384	GOLD 1012TL OPENB	EUR	20,8700	20,8700	20,8700			20,8700					
Certificate	DE000VA7TEN2	GOLD 1017TL OPENV	EUR	20,4050	20,4050	20,4050			20,4050					
Certificate	NL0011524517	GOLD 1020BL OPENB	EUR	18,6350	18,6350	18,6350			18,6350					
Certificate	DE000CW0JYL7	GOLD 1020TL OPENC	EUR	9,5700	9,5700	9,5700			9,5700					
Certificate	NL0011048657	GOLD 1020TL OPENH	EUR	20,0300	20,0300	20,0300			20,0300					
Certificate	DE000CF04SN7	GOLD 1025TL OPENC	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	DE000CC5KZY8	GOLD 1025TL OPENC	EUR	10,2200	10,2200	10,2200			10,2200					
Certificate	DE000VASREC3	GOLD 1026TL OPENV	EUR	19,3450	19,3450	19,3450			19,3450					
Certificate	DE000VASRJL3	GOLD 1026TL OPENV	EUR	17,6750	17,6750	17,6750			17,6750					
Certificate	DE000CV4Z0F2	GOLD 1028TL OPENZ	EUR	2,1150	2,1150	2,0350			2,0350					
Certificate	DE000VAGEGZ5	GOLD 1038TL OPENV	EUR	17,4900	17,4900	16,7850	787,0500	1	16,7850	45				
Certificate	NL00006527392	GOLD 1042TL OPENB	EUR	18,7500	18,7500	18,2900	937,5000	1	18,2900	50				
Certificate	NL0011048640	GOLD 1042TL OPENH	EUR	18,1200	18,1200	18,1200			18,1200					
Certificate	DE000VA4Y1U4	GOLD 1046TL OPENV	EUR	17,5850	17,5850	17,5850			17,5850					
Certificate	DE000VA4Y1V2	GOLD 1046TL OPENV	EUR	15,8250	15,8250	15,8250			15,8250					
Certificate	DE000CR9R201	GOLD 1046TL OPENZ	EUR	16,8800	16,8800	16,2600			16,2600					
Certificate	NL0010897146	GOLD 1048BL OPENB	EUR	16,1650	16,1650	16,1650			16,1650					
Certificate	DE000CV8A419	GOLD 1050TL 1218Z	EUR	1,6850	1,6850	1,6250			1,6250					
Certificate	NL0011408125	GOLD 1050TRLOPENH	EUR	16,2000	16,2000	16,2000			16,2000					
Certificate	NL0011601257	GOLD 1052TL OPENH	EUR	17,1900	17,1900	17,1900			17,1900					
Certificate	LU1816980392	GOLD 1053TCIOPENS	EUR	15,2700	15,2700	14,8000			14,8000					
Certificate	DE000CX0KBQ1	GOLD 1060TL OPENC	EUR	7,1500	7,1800	6,6000	520,0000	3	6,6000	75				
Certificate	DE000VN66XC3	GOLD 1061TL OPENV	EUR	12,4850	12,4850	12,4850			12,4850					
Certificate	NL0011417548	GOLD 1061TRLOPENH	EUR	15,9100	15,9100	15,2000	445,4800	1	15,2000	28				
Certificate	NL0011048632	GOLD 1064TL OPENH	EUR	16,2000	16,2000	16,2000			16,2000					
Certificate	DE000VAGEGH3	GOLD 1066TL OPENV	EUR	16,0750	16,0750	16,0750			16,0750					
Certificate	DE000CR9R121	GOLD 1066TL OPENZ	EUR	15,1200	15,1200	14,5000			14,5000					
Certificate	NL0012989453	GOLD 1067BL OPENB	EUR	14,4900	14,4900	14,4900			14,4900					
Certificate	DE000VAGEG29	GOLD 1068TL OPENV	EUR	14,3200	14,3250	14,1350	1002,4000	1	14,1350	70				
Certificate	DE000VL5RYU0	GOLD 1069TL OPENV	EUR	14,3550	14,3550	14,3550			14,3550					
Certificate	DE000CN6GCN3	GOLD 1069TL OPENZ	EUR	16,9300	16,9300	16,1500			16,1500					
Certificate	NL00006527400	GOLD 1072TL OPENB	EUR	16,3100	16,3100	15,7000	832,7300	2	15,7000	52				
Certificate	NL0011417530	GOLD 1073TRLOPENH	EUR	14,1900	14,1900	14,1900			14,1900					
Certificate	DE000VA7PSR1	GOLD 1077TL OPENV	EUR	15,1950	15,1950	15,1950			15,1950					
Certificate	DE000CP063P6	GOLD 1080TL OPENC	EUR	15,3900	15,3900	15,3900			15,3900					
Certificate	DE000VN66XD1	GOLD 1081TL OPENV	EUR	10,6850	10,6850	10,6850			10,6850					
Certificate	NL0012989818	GOLD 1083TL OPENB	EUR	14,7500	14,7500	14,7500			14,7500					
Certificate	NL0011417522	GOLD 1085TRLOPENH	EUR	13,1100	13,1100	13,1000	1311,0000	1	13,1000	100				
Certificate	NL0011048624	GOLD 1086TL OPENH	EUR	14,2900	14,2900	14,2900			14,2900					
Certificate	DE000CB4TDG7	GOLD 1086TL OPENZ	EUR	1,3350	1,3350	1,2750			1,2750					
Certificate	DE000VL37D12	GOLD 1087TL OPENV	EUR	12,5850	12,5850	12,5850			12,5850					
Certificate	DE000VAGEGL5	GOLD 1096TL OPENV	EUR	13,4750	13,4750	13,4750			13,4750					
Certificate	NL0011408117	GOLD 1096TRLOPENH	EUR	12,1100	12,1100	12,1100			12,1100					
Certificate	NL0009071398	GOLD 1099TL OPENB	EUR	13,3600	13,3600	13,3600			13,3600					
Certificate	DE000CV88RN9	GOLD 1100TL 1218Z	EUR	1,2550	1,2550	1,1850			1,1850					
Certificate	DE000CO5BUL9	GOLD 1100TL OPENC	EUR	10,5600	10,5600	10,5600			10,5600					
Certificate	DE000CY16Q36	GOLD 1100TL OPENC	EUR	8,7800	8,7800	8,7800			8,7800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1790448978	GOLD 1102TClOPENS	EUR	10,3700	10,3700	9,8900			9,8900					
Certificate	NL0012101489	GOLD 1102TL OPENB	EUR	13,0600	13,0600	13,0600			13,0600					
Certificate	DE000CV8APV7	GOLD 1103TL OPENZ	EUR	11,9300	11,9300	11,2900			11,2900					
Certificate	NL0010897153	GOLD 1106BL OPENB	EUR	11,0450	11,0450	11,0450			11,0450					
Certificate	NL0010441531	GOLD 1107BL OPENB	EUR	10,9550	10,9550	10,9550			10,9550					
Certificate	DE000VL37D20	GOLD 1107TL OPENV	EUR	10,8250	10,8250	10,8250			10,8250					
Certificate	NL0012981088	GOLD 1108BL OPENB	EUR	10,9100	10,9100	10,9100			10,9100					
Certificate	NL0011048616	GOLD 1108TL OPENH	EUR	12,3800	12,3800	12,3800			12,3800					
Certificate	LU1651059070	GOLD 1109TClOPENS	EUR	7,0200	7,0200	6,5300	1365,0000	2	6,5300	200				
Certificate	DE000CN6EUV7	GOLD 1110TL OPENZ	EUR	12,9000	12,9000	12,1200			12,1200					
Certificate	DE000VA6EGP6	GOLD 1116TL OPENV	EUR	11,7550	11,7550	11,7550			11,7550					
Certificate	NL0011594080	GOLD 1118TL OPENH	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	DE000VAGTY61	GOLD 1118TL OPENV	EUR	9,7350	9,7350	9,7350			9,7350					
Certificate	NL0010876025	GOLD 1120TL OPENB	EUR	11,3900	11,5050	11,3900	1195,9500	1	11,5050	105				
Certificate	DE000CY50ZT3	GOLD 1120TL OPENC	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	NL0009170935	GOLD 1122TL OPENB	EUR	11,3250	11,3250	11,3250			11,3250					
Certificate	DE000CB4TPD8	GOLD 1124TL OPENZ	EUR	1,0050	1,0050	0,9450	204,2500	1	0,9450	215				
Certificate	DE000VASRJM1	GOLD 1126TL OPENV	EUR	8,8450	8,8450	8,8450			8,8450					
Certificate	NL0012099683	GOLD 1128BL OPENB	EUR	9,3700	9,3800	9,1100	374,8000	1	9,1100	40				
Certificate	NL0011417506	GOLD 1128TRL OPENH	EUR	9,2900	9,2900	9,2900			9,2900					
Certificate	DE000VN66JW0	GOLD 1129TL OPENV	EUR	9,0550	9,0550	9,0550			9,0550					
Certificate	NL0011048608	GOLD 1130TL OPENH	EUR	10,6800	10,6800	10,4600	33108,0000	1	10,4600	3100				
Certificate	DE000VN66KA4	GOLD 1130TL OPENV	EUR	7,0750	7,0750	7,0750			7,0750					
Certificate	NL0012989271	GOLD 1133TL OPENB	EUR	10,7700	10,7700	10,3900	538,5000	1	10,3900	50				
Certificate	NL0011594072	GOLD 1133TL OPENH	EUR	10,2000	10,2000	10,2000			10,2000					
Certificate	DE000VAGEG50	GOLD 1136TL OPENV	EUR	10,0250	10,0250	10,0250			10,0250					
Certificate	NL0011594064	GOLD 1138TL OPENH	EUR	9,8300	9,8300	9,8300			9,8300					
Certificate	DE000VAGEG52	GOLD 1138TL OPENV	EUR	7,9650	7,9650	7,9650			7,9650					
Certificate	NL0011407705	GOLD 1139TRL OPENH	EUR	8,3300	8,3300	8,3300			8,3300					
Certificate	NL0011263561	GOLD 1140BL OPENB	EUR	8,3400	8,3400	8,0850	834,0000	1	8,0850	100				
Certificate	DE000CV8AXQ1	GOLD 1140TL OPENZ	EUR	8,6900	8,6900	8,0400			8,0400					
Certificate	NL0011593520	GOLD 1143TL OPENH	EUR	10,0700	10,0700	9,3400	10070,0000	1	9,3400	1000				
Certificate	NL0011530860	GOLD 1148TL OPENB	EUR	9,1450	9,1450	9,1450			9,1450					
Certificate	DE000CV88RM1	GOLD 1150TL 1218Z	EUR	0,8150	0,8150	0,7450	152,0000	1	0,7450	200				
Certificate	DE000CQ58UM7	GOLD 1150TL OPENC	EUR	6,1300	6,1300	6,1300			6,1300					
Certificate	DE000CR9QX90	GOLD 1150TL OPENZ	EUR	7,7750	7,7750	7,1150			7,1150					
Certificate	DE000CR9R4Z5	GOLD 1151TL OPENZ	EUR	8,7400	8,7400	7,9600			7,9600					
Certificate	NL0011593512	GOLD 1154TL OPENH	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	NL0011812300	GOLD 1157TL OPENB	EUR	8,6000	8,6000	8,3600	860,0000	1	8,3600	100				
Certificate	NL0011594056	GOLD 1157TL OPENH	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	DE000CQ58FX5	GOLD 1160TL OPENC	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	DE000CP061W6	GOLD 1160TL OPENC	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	DE000CV8AVX1	GOLD 1160TL OPENZ	EUR	6,9100	6,9100	6,2500			6,2500					
Certificate	NL0012975833	GOLD 1162BL OPENB	EUR	6,1300	6,1300	6,1300			6,1300					
Certificate	NL0011407697	GOLD 1162TRL OPENH	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	DE000VASRJK5	GOLD 1165TL OPENV	EUR	7,3550	7,3550	7,3550			7,3550					
Certificate	DE000VASRJN9	GOLD 1166TL OPENV	EUR	5,3250	5,3250	5,3250			5,3250					
Certificate	NL0011259635	GOLD 1169BL OPENB	EUR	6,2800	6,2800	5,5650	14004,0000	3	5,5650	2250				
Certificate	DE000CP061X4	GOLD 1170TL OPENC	EUR	5,0000	5,0000	4,6100	1457,0000	4	4,6100	300				
Certificate	DE000CR9QUV7	GOLD 1170TL OPENZ	EUR	5,9900	5,9900	5,3300			5,3300					
Certificate	DE000VAGEGW2	GOLD 1176TL OPENV	EUR	6,5650	6,5650	6,5650			6,5650					
Certificate	NL0012991087	GOLD 1177TL OPENB	EUR	6,8900	6,8900	6,6500	35120,0000	2	6,6500	5100				
Certificate	DE000VAGEG86	GOLD 1178TL OPENV	EUR	4,4475	4,4475	4,4475			4,4475					
Certificate	DE000CP06594	GOLD 1180TL OPENC	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	DE000CP063Q4	GOLD 1180TL OPENC	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	DE000CJ3NYT3	GOLD 1180TL OPENZ	EUR	5,1400	5,2400	4,4800	31245,0500	6	4,4800	6185				
Certificate	LU1841026419	GOLD 1187TClOPENS	EUR	4,1600	4,1600	3,6500			3,6500					
Certificate	DE000VA71SY4	GOLD 1187TL OPENV	EUR	5,7650	5,7650	5,7650			5,7650					
Certificate	NL0013011919	GOLD 1188BL OPENB	EUR	4,0200	4,0200	3,7000	22219,0000	4	3,8200	5880				
Certificate	DE000VA71S07	GOLD 1189TL OPENV	EUR	3,6045	3,6045	3,6045			3,6045					
Certificate	DE000CP06YW0	GOLD 1190TL OPENC	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000CJ3N799	GOLD 1190TL OPENZ	EUR	4,3150	4,3150	3,6400			3,6400					
Certificate	DE000CJ3N8N9	GOLD 1191TL OPENZ	EUR	0,4850	0,4850	0,4050	215,0000	1	0,4050	500				
Certificate	NL0013012115	GOLD 1197TL OPENB	EUR	5,1300	5,1300	4,8700	5108,0000	2	4,8700	1000				
Certificate	DE000VA71SZ1	GOLD 1197TL OPENV	EUR	4,9115	4,9115	4,9115			4,9115					
Certificate	DE000VA71WK5	GOLD 1199TL OPENV	EUR	2,7415	2,7415	2,7415			2,7415					
Certificate	DE000CJ3PAK7	GOLD 1199TL OPENC	EUR	3,4550	3,4550	2,7050	375,7000	2	2,7800	130				
Certificate	DE000CJ3PAS0	GOLD 1200TL 1218Z	EUR											
Certificate	DE000CJ3PHA3	GOLD 1200TL 1218Z	EUR	0,3750	0,3750	0,2950			0,2950					
Certificate	DE000CP06YX8	GOLD 1200TL OPENC	EUR	2,8200	2,8500	2,6100	1837,5000	2	2,6100	650				
Certificate	DE000CP07CH5	GOLD 1200TL OPENC	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000CY50LT3	GOLD 1200TL 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	DE000VA71WJ7	GOLD 1207TL OPENV	EUR	4,0635	4,0635	4,0635			4,0635					
Certificate	DE000CJ3PHB1	GOLD 1209TL OPENZ	EUR											
Certificate	DE000CY50WK9	GOLD 1210TL OPENC	EUR											
Certificate	DE000CY50WL7	GOLD 1220TL OPENC	EUR											
Certificate	DE000VL2FME1	GOLD 1222TL OPENV	EUR											
Certificate	DE000CX01D39	GOLD 1225TL OPENC	EUR											
Certificate	DE000CY50NN2	GOLD 1225TL OPENC	EUR											
Certificate	DE000VL37D38	GOLD 1227TL OPENV	EUR											
Certificate	DE000CY518G7	GOLD 1240TL OPENC	EUR											
Certificate	DE000CQ58UP0	GOLD 1240TS OPENC	EUR											
Certificate	DE000CP063R2	GOLD 1240TS OPENC	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	DE000VA710A8	GOLD 1241TS OPENV	EUR	3,2505	3,2505	3,2505			3,2505					
Certificate	DE000CV8ALC6	GOLD 1242TS OPENZ	EUR											
Certificate	DE000CV8A674	GOLD 1242TS OPENZ	EUR											
Certificate	NL0012982243	GOLD 1248TS OPENB	EUR	3,6100	3,8900	3,6100	523,4500	1	3,8900	145				
Certificate	NL0012987572	GOLD 1249BS OPENB	EUR	1,6700	1,9400	1,6600	1155,5000	3	1,8500	630				
Certificate	DE000CJ3PF47	GOLD 1249TS OPENZ	EUR											
Certificate	DE000CJ3PGH0	GOLD 1250TS 1218Z	EUR											
Certificate	DE000CP06129	GOLD 1250TS OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	DE000VA4YYX6	GOLD 1253TS OPENV	EUR	1,6835	1,6835	1,6835			1,6835					
Certificate	DE000VA4YYZ1	GOLD 1256TS OPENV	EUR	4,1005	4,1005	4,1005			4,1005					
Certificate	DE000CV8A3D6	GOLD 1257TS OPENZ	EUR											
Certificate	DE000CV8A3H7	GOLD 1259TS OPENZ	EUR	1,9600	2,7100	1,9600	399800,0000	14	2,6450	155000				
Certificate	DE000CY52K52	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ581X0	GOLD 1260TL OPENC	EUR											
Certificate	DE000CY52NN8	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ5A735	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ5AJV3	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ58UQ8	GOLD 1260TS OPENC	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	DE000CQ58WE0	GOLD 1260TS OPENC	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	NL0012980254	GOLD 1268TS OPENB	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0012981096	GOLD 1269BS OPENB	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000CV8A815	GOLD 1269TS OPENZ	EUR	2,8450	3,5400	2,8450			3,5400					
Certificate	DE000CP06YY6	GOLD 1270TS OPENC	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000VA4YYY4	GOLD 1273TS OPENV	EUR	3,4135	3,4135	3,4135			3,4135					
Certificate	LU1790505447	GOLD 1275TPIOPENS	EUR	3,4100	3,9400	3,4100			3,9400					
Certificate	DE000CY0AVR7	GOLD 1275TS OPENC	EUR											
Certificate	DE000VA3TKM0	GOLD 1276TS OPENV	EUR											
Certificate	DE000VA3TKP3	GOLD 1277TS OPENV	EUR	5,7550	5,7550	5,7550			5,7550					
Certificate	DE000CV89XK1	GOLD 1279TS OPENZ	EUR	3,7100	4,4100	3,7100			4,4100					
Certificate	DE000CY52NP3	GOLD 1280TL OPENC	EUR											
Certificate	DE000CX01XL0	GOLD 1280TL OPENC	EUR											
Certificate	DE000CQ58NX9	GOLD 1280TS OPENC	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	DE000CP063S0	GOLD 1280TS OPENC	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	NL0012975858	GOLD 1289BS OPENB	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	DE000CV8A8D5	GOLD 1289TS OPENZ	EUR	4,5850	5,2900	4,5850			5,2900					
Certificate	DE000CY52WQ2	GOLD 1290TL OPENC	EUR											
Certificate	DE000CQ58MA9	GOLD 1290TS OPENC	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	DE000VA3TKN8	GOLD 1296TS OPENV	EUR	5,1350	5,1350	5,1350			5,1350					
Certificate	DE000VA3TKQ1	GOLD 1297TS OPENV	EUR	7,5250	7,5250	7,5250			7,5250					
Certificate	DE000CV89KJ0	GOLD 1297TS OPENZ	EUR	0,6050	0,6850	0,6050			0,6850					
Certificate	DE000CV89JS3	GOLD 1299TS OPENZ	EUR	5,4400	6,1500	5,4400			6,1500					
Certificate	DE000CX595Y9	GOLD 1300TL OPENC	EUR											
Certificate	DE000CV8A8Q7	GOLD 1300TS 1218Z	EUR	0,5250	0,5950	0,5250			0,5950					
Certificate	DE000CQ58MB7	GOLD 1300TS OPENC	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	DE000CQ58PC8	GOLD 1300TS OPENC	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	DE000CP063T8	GOLD 1300TS OPENC	EUR	9,4900	9,4900	9,4900			9,4900					
Certificate	NL0012972491	GOLD 1308TS OPENB	EUR	9,2900	9,2900	9,2900			9,2900					
Certificate	DE000CQ58MC5	GOLD 1310TS OPENC	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	DE000VA3KSD1	GOLD 1316TS OPENV	EUR	6,8750	6,8750	6,8750			6,8750					
Certificate	DE000VA3KSE9	GOLD 1317TS OPENV	EUR	9,2550	9,2550	9,2550			9,2550					
Certificate	DE000CV89HX7	GOLD 1318TS OPENZ	EUR	7,1900	7,9100	7,1900	118,9300	11	7,9100	16				
Certificate	DE000CY51GG8	GOLD 1320TS OPENC	EUR											
Certificate	DE000CQ58B24	GOLD 1320TS OPENC	EUR	10,9900	10,9900	10,9900			10,9900					
Certificate	DE000CQ58PD6	GOLD 1320TS OPENC	EUR	11,1400	11,1400	11,1400			11,1400					
Certificate	DE000CQ58JT5	GOLD 1320TS OPENC	EUR	11,0700	11,0700	11,0700			11,0700					
Certificate	NL0012790737	GOLD 1328BS OPENB	EUR	8,5500	8,8600	8,5500	256,5000	1	8,8600	30				
Certificate	LU1757003238	GOLD 1329TPIOPENS	EUR	7,9400	8,4900	7,9400			8,4900					
Certificate	NL0012786537	GOLD 1329TS OPENB	EUR	11,1700	11,1700	11,1700			11,1700					
Certificate	DE000CQ58F12	GOLD 1330TS OPENC	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	DE000VA2T9C4	GOLD 1337TS OPENV	EUR	10,9850	10,9850	10,9850			10,9850					
Certificate	DE000CV88UM5	GOLD 1337TS OPENZ	EUR	1,0050	1,0850	1,0050			1,0850					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV88UT0	GOLD 1338TS OPENZ	EUR	8,9300	9,6500	8,9300			9,6500					
Certificate	DE000VA15NP0	GOLD 1339TS OPENV	EUR	8,6150	8,6150	8,6150			8,6150					
Certificate	DE000CQ5AW79	GOLD 1340TS OPENC	EUR	12,7100	12,7100	12,7100			12,7100					
Certificate	DE000CQ5AV29	GOLD 1340TS OPENC	EUR	9,2500	9,2500	9,2500			9,2500					
Certificate	NL0012784532	GOLD 1349TS OPENB	EUR	12,9600	12,9600	12,9600			12,9600					
Certificate	DE000CV8A435	GOLD 1350TS 1218Z	EUR	0,9550	1,0250	0,9550			1,0250					
Certificate	DE000CQ5AW04	GOLD 1350TS OPENC	EUR	10,1200	10,1200	10,1200			10,1200					
Certificate	DE000VA2T9D2	GOLD 1357TS OPENV	EUR	12,7650	12,7650	12,7650			12,7650					
Certificate	DE000CV886P2	GOLD 1358TS OPENZ	EUR	10,6700	11,4000	10,6700			11,4000					
Certificate	DE000CQ5AW12	GOLD 1360TS OPENC	EUR	10,9900	10,9900	10,9900			10,9900					
Certificate	DE000VA15SU2	GOLD 1360TS OPENV	EUR	10,3450	10,3450	10,3450			10,3450					
Certificate	DE000VAGEGD2	GOLD 1364TS OPENV	EUR	14,0650	14,0650	14,0650			14,0650					
Certificate	NL0011899745	GOLD 13688S OPENB	EUR	12,3500	12,3500	12,3500			12,3500					
Certificate	LU1756002058	GOLD 1375TPIOPENS	EUR	12,5600	13,1200	12,5600			13,1200					
Certificate	DE000VASM76	GOLD 1376TS OPENV	EUR	14,9850	14,9850	14,9850			14,9850					
Certificate	DE000CV4ZRD7	GOLD 1377TS OPENZ	EUR	1,4150	1,4850	1,4150			1,4850					
Certificate	DE000CV88C53	GOLD 1378TS OPENZ	EUR	12,4300	13,1600	12,4300			13,1600					
Certificate	DE000CV52CT8	GOLD 1380TS OPENC	EUR	16,0400	16,0400	16,0400			16,0400					
Certificate	DE000CV51WZ5	GOLD 1380TS OPENC	EUR	16,0200	16,0200	16,0200			16,0200					
Certificate	DE000CX59WM8	GOLD 1380TS OPENC	EUR	11,9500	11,9500	11,9500			11,9500					
Certificate	DE000CX00UD5	GOLD 1380TS OPENC	EUR	13,7600	13,7600	13,7600			13,7600					
Certificate	DE000CV52NQ1	GOLD 1380TS OPENC	EUR	16,0400	16,0400	16,0400			16,0400					
Certificate	DE000CV50ZY3	GOLD 1380TS OPENC	EUR	15,9300	15,9300	15,9300			15,9300					
Certificate	DE000CV51NS9	GOLD 1380TS OPENC	EUR	15,9900	15,9900	15,9900			15,9900					
Certificate	DE000CV518J1	GOLD 1380TS OPENC	EUR	15,9500	15,9500	15,9500			15,9500					
Certificate	DE000CQ5AAE8	GOLD 1380TS OPENC	EUR	16,0700	16,0700	16,0700			16,0700					
Certificate	DE000CQ5AMC7	GOLD 1380TS OPENC	EUR	16,2200	16,2200	16,2200			16,2200					
Certificate	NL0011603147	GOLD 1383TS OPENH	EUR	16,0500	16,0500	16,0500			16,0500					
Certificate	NL0011705074	GOLD 1385TRSOPENH	EUR	14,1100	14,1100	14,1100			14,1100					
Certificate	NL0012696900	GOLD 13888S OPENB	EUR	14,1000	14,1000	14,1000			14,1000					
Certificate	DE000CV518B8	GOLD 1390TS OPENC	EUR	13,2600	13,2600	13,2600			13,2600					
Certificate	DE000CX00U47	GOLD 1390TS OPENC	EUR	12,2900	12,2900	12,2900			12,2900					
Certificate	NL0010377610	GOLD 1392TS OPENB	EUR	16,7600	16,7600	16,7600			16,7600					
Certificate	DE000VA7PSP5	GOLD 1392TS OPENV	EUR	16,6650	16,6650	16,6650			16,6650					
Certificate	NL0010377040	GOLD 13978S OPENB	EUR	14,8950	14,8950	14,8950			14,8950					
Certificate	NL0012694616	GOLD 1399TS OPENB	EUR	17,4400	17,4400	17,4400			17,4400					
Certificate	DE000CN6JEK9	GOLD 1399TS OPENZ	EUR	14,2500	14,9900	14,2500			14,9900					
Certificate	DE000CV88RP4	GOLD 1400TS 1218Z	EUR	1,3950	1,4650	1,3950			1,4650					
Certificate	DE000VN66XA7	GOLD 1402TS OPENV	EUR	12,0850	12,0850	12,0850			12,0850					
Certificate	DE000VA715X6	GOLD 1402TS OPENV	EUR	17,6450	17,6450	17,6450			17,6450					
Certificate	NL0011730817	GOLD 1405TS OPENH	EUR	17,9500	17,9500	17,9500			17,9500					
Certificate	LU1651060839	GOLD 1408TPIOPENS	EUR	14,1100	14,6800	14,1100			14,6800					
Certificate	DE000CX00U54	GOLD 1410TS OPENC	EUR	14,0200	14,0200	14,0200			14,0200					
Certificate	DE000CV52W58	GOLD 1410TS OPENC	EUR	15,1000	15,1000	15,1000			15,1000					
Certificate	DE000VA71WH1	GOLD 1412TS OPENV	EUR	18,5450	18,5450	18,5450			18,5450					
Certificate	DE000CN6LC84	GOLD 1417TS OPENZ	EUR	15,8600	16,6100	15,8600			16,6100					
Certificate	DE000CN6KFD9	GOLD 1417TS OPENZ	EUR	18,1000	18,8800	18,1000			18,8800					
Certificate	DE000CQ5AAAF5	GOLD 1420TS OPENC	EUR	19,6700	19,6700	19,6700			19,6700					
Certificate	DE000CV517Y2	GOLD 1420TS OPENC	EUR	19,5500	19,5500	19,5500			19,5500					
Certificate	DE000CV52962	GOLD 1420TS OPENC	EUR	19,6400	19,6400	19,6400			19,6400					
Certificate	DE000CV52NR9	GOLD 1420TS OPENC	EUR	19,6400	19,6400	19,6400			19,6400					
Certificate	DE000CV51NT7	GOLD 1420TS OPENC	EUR	19,5900	19,5900	19,5900			19,5900					
Certificate	DE000CQ5AMD5	GOLD 1420TS OPENC	EUR	19,8300	19,8300	19,8300			19,8300					
Certificate	DE000CQ58FZ0	GOLD 1420TS OPENC	EUR	20,0500	20,0500	20,0500			20,0500					
Certificate	DE000CQ5A2N0	GOLD 1420TS OPENC	EUR	15,9700	15,9700	15,9700			15,9700					
Certificate	DE000CX00UE3	GOLD 1420TS OPENC	EUR	17,3000	17,3000	17,3000			17,3000					
Certificate	DE000VN66XB5	GOLD 1422TS OPENV	EUR	13,7950	13,7950	13,7950			13,7950					
Certificate	DE000CX01D70	GOLD 1425TS OPENC	EUR	15,4500	15,4500	15,4500			15,4500					
Certificate	NL0011048350	GOLD 1427TS OPENH	EUR	19,9800	19,9800	19,9800			19,9800					
Certificate	DE000CN6LC92	GOLD 1437TS OPENZ	EUR	17,6100	18,3700	17,6100			18,3700					
Certificate	DE000CV50Z20	GOLD 1440TS OPENC	EUR	21,3200	21,3200	21,3200			21,3200					
Certificate	DE000CV50WP8	GOLD 1440TS OPENC	EUR	17,5900	17,5900	17,5900			17,5900					
Certificate	DE000CV518K9	GOLD 1440TS OPENC	EUR	21,3500	21,3500	21,3500			21,3500					
Certificate	DE000VL2FMC5	GOLD 1441TS OPENV	EUR	15,5250	15,5250	15,5250			15,5250					
Certificate	NL0011705066	GOLD 1444TRSOPENH	EUR	19,2500	19,2500	19,2500			19,2500					
Certificate	NL0011730809	GOLD 1444TS OPENH	EUR	21,4500	21,4500	21,4500			21,4500					
Certificate	NL0010377644	GOLD 1447TS OPENB	EUR	21,7400	21,7400	21,7400			21,7400					
Certificate	DE000CV88RQ2	GOLD 1450TS 1218Z	EUR	1,8250	1,9050	1,8250			1,9050					
Certificate	DE000CV16QB1	GOLD 1450TS OPENC	EUR	22,0300	22,0300	22,0300			22,0300					
Certificate	DE000CV16Q28	GOLD 1450TS OPENC	EUR	18,2800	18,2800	18,2800			18,2800					
Certificate	LU1651918119	GOLD 1453TPIOPENS	EUR	18,1900	18,7700	18,1900			18,7700					
Certificate	DE000CD61CH8	GOLD 1457TS OPENZ	EUR	19,2900	20,0500	19,2900			20,0500					



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	DE000CN6KFE7	GOLD 1457TS OPENZ	EUR	22,0900	22,8700	22,0900			22,8700					
Certificate	DE000CV518D6	GOLD 1460TS OPENZ	EUR	19,3800	19,3800	19,3800			19,3800					
Certificate	DE000VL2FMD3	GOLD 1461TS OPENV	EUR	17,2350	17,2350	17,2350			17,2350					
Certificate	NL0011417449	GOLD 1467TRSOPENH	EUR	21,3100	21,3100	21,3100			21,3100					
Certificate	NL0010377131	GOLD 1473TS OPENB	EUR	24,0800	24,0800	24,0800			24,0800					
Certificate	DE000CX01XN6	GOLD 1475TS OPENZ	EUR	19,9400	19,9400	19,9400			19,9400					
Certificate	DE000CD61XA9	GOLD 1475TS OPENZ	EUR	20,8900	21,6600	20,8900			21,6600					
Certificate	DE000CV52970	GOLD 1480TS OPENZ	EUR	25,0400	25,0400	25,0400			25,0400					
Certificate	DE000CV518L7	GOLD 1480TS OPENZ	EUR	24,9500	24,9500	24,9500			24,9500					
Certificate	NL0011730791	GOLD 1483TS OPENH	EUR	24,9700	24,9700	24,9700			24,9700					
Certificate	DE000CD61XB7	GOLD 1495TS OPENZ	EUR	22,6400	23,4100	22,6400			23,4100					
Certificate	DE000CE6CFH8	GOLD 1497TS OPENZ	EUR	2,6050	2,6850	2,6050			2,6850					
Certificate	DE000CV88RR0	GOLD 1500TS 1218Z	EUR	2,2650	2,3450	2,2650			2,3450					
Certificate	LU1651918382	GOLD 1503TPIOPENS	EUR	22,5400	23,1300	22,5400			23,1300					
Certificate	NL0011048343	GOLD 1504TS OPENH	EUR	26,8500	26,8500	26,8500			26,8500					
Certificate	DE000CD62197	GOLD 1515TS OPENZ	EUR	24,4000	25,1800	24,4000			25,1800					
Certificate	DE000CQ5AAG3	GOLD 1520TS OPENZ	EUR	28,6700	28,6700	28,6700			28,6700					
Certificate	DE000CV518C6	GOLD 1520TS OPENZ	EUR	24,6100	24,6100	24,6100			24,6100					
Certificate	DE000CQ5AW87	GOLD 1520TS OPENZ	EUR	28,9400	28,9400	28,9400			28,9400					
Certificate	DE000CQ581Y8	GOLD 1520TS OPENZ	EUR	25,0900	25,0900	25,0900			25,0900					
Certificate	DE000CV51729	GOLD 1520TS OPENZ	EUR	28,5400	28,5400	28,5400			28,5400					
Certificate	DE000CT9MZY7	GOLD 1526TS OPENZ	EUR	21,8700	21,8700	21,8700			21,8700					
Certificate	DE000CE6EQR0	GOLD 1534TS OPENZ	EUR	26,0500	26,8400	26,0500			26,8400					
Certificate	DE000CE6EQW0	GOLD 1536TS OPENZ	EUR	2,9950	3,0750	2,9950			3,0750					
Certificate	DE000CV88RS8	GOLD 1550TS 1218Z	EUR	2,7050	2,7750	2,7050			2,7750					
Certificate	DE000CV52WT6	GOLD 1560TS OPENZ	EUR	28,2000	28,2000	28,2000			28,2000					
Certificate	DE000CV518M5	GOLD 1560TS OPENZ	EUR	32,1400	32,1400	32,1400			32,1400					
Certificate	NL0011417654	GOLD 1572TS OPENH	EUR	33,0100	33,0100	33,0100			33,0100					
Certificate	DE000CE6EQX8	GOLD 1576TS OPENZ	EUR	3,3950	3,4750	3,3950			3,4750					
Certificate	NL0011417423	GOLD 1580TRSOPENH	EUR	31,2400	31,2400	31,2400			31,2400					
Certificate	DE000CN6JEL7	GOLD 1598TS OPENZ	EUR	31,7000	32,5100	31,7000			32,5100					
Certificate	DE000CV50889	GOLD 1616TS OPENZ	EUR	3,7950	3,8750	3,7950			3,8750					
Certificate	NL0011417647	GOLD 1631TS OPENH	EUR	38,2300	38,2300	38,2300			38,2300					
Certificate	DE000CV87HK8	GOLD 1638TS OPENZ	EUR	35,1900	36,0100	35,1900			36,0100					
Certificate	DE000CV50897	GOLD 1656TS OPENZ	EUR	4,1950	4,2750	4,1950			4,2750					
Certificate	NL0011048335	GOLD 1657TS OPENH	EUR	40,6100	40,6100	40,6100			40,6100					
Certificate	DE000CV87HL6	GOLD 1678TS OPENZ	EUR	38,6900	39,5300	38,6900			39,5300					
Certificate	NL0009990315	GOLD 1682TS OPENB	EUR	42,8400	42,8400	42,8400			42,8400					
Certificate	NL0011603139	GOLD 1754TS OPENH	EUR	49,2800	49,2800	49,2800			49,2800					
Certificate	DE000CV87HM4	GOLD 1758TS OPENZ	EUR	45,7000	46,5600	45,7000			46,5600					
Certificate	NL0011705058	GOLD 1767TRSOPENH	EUR	47,7000	47,7000	47,7000			47,7000					
Certificate	NL0011048327	GOLD 1810TS OPENH	EUR	54,3600	54,3600	54,3600			54,3600					
Certificate	NL0011730783	GOLD 1874TS OPENH	EUR	60,0800	60,0800	60,0800			60,0800					
Certificate	NL0011048715	GOLD 577.1TL OPENH	EUR	58,2800	58,2800	58,2800			58,2800					
Certificate	NL0011048707	GOLD 665.6TL OPENH	EUR	50,6300	50,6300	50,6300			50,6300					
Certificate	NL0011048699	GOLD 754.1TL OPENH	EUR	42,9800	42,9800	42,9800			42,9800					
Certificate	NL0011601265	GOLD 824.8TL OPENH	EUR	36,8700	36,8700	36,8700			36,8700					
Certificate	DE000CV89YQ6	GOLD 828.8TL OPENZ	EUR	35,9200	35,9200	35,3800			35,3800					
Certificate	NL0011600994	GOLD 870.4TRLOPENH	EUR	31,9800	31,9800	31,9800			31,9800					
Certificate	DE000CB1NF30	GOLD 910.4TL OPENZ	EUR	28,7800	28,7800	28,2000			28,2000					
Certificate	DE000CN6HP69	GOLD 930.2TL OPENZ	EUR	27,0500	27,0500	26,4700			26,4700					
Certificate	NL0011048673	GOLD 931.1TL OPENH	EUR	27,6800	27,6800	27,6800			27,6800					
Certificate	NL0011264742	GOLD 933.9BL OPENB	EUR	26,5300	26,5450	26,2150	6632,5000	1	26,2150	250				
Certificate	NL0011423561	GOLD 948.2TL OPENH	EUR	26,2000	26,2000	26,2000			26,2000					
Certificate	DE000CN6HP51	GOLD 950.3TL OPENZ	EUR	25,2800	25,2800	24,6900			24,6900					
Certificate	DE000CN6HP44	GOLD 970.4TL OPENZ	EUR	23,5200	23,5200	22,9200			22,9200					
Certificate	NL0011048665	GOLD 975.3TL OPENH	EUR	23,8600	23,8600	23,8600			23,8600					
Certificate	DE000CN6HP36	GOLD 990.6TL OPENZ	EUR	21,7500	21,7500	21,1500			21,1500					
Certificate	NL0011423546	GOLD 991.7TL OPENH	EUR	22,4300	22,4300	22,4300			22,4300					
Certificate	DE000CV8AYZ0	GOLDC 9.1TL OPENZ	EUR	0,5300	0,5300	0,4800	737,2800	2	0,4800	1411				
Certificate	DE000CJ3N1P9	GOLDC 7.04TL OPENZ	EUR	1,9600	1,9600	1,9150	3136,0000	1	1,9150	1600				
Certificate	DE000CV8AYY3	GOLDC 8.04TL OPENZ	EUR	1,1800	1,1800	1,0950	2253,1200	2	1,0950	2001				
Certificate	NL0012906507	GOLDF 1022TRLOPENH	EUR	18,6700	18,6700	18,6700			18,6700					
Certificate	NL0012910335	GOLDF 1037TRLOPENH	EUR	17,2900	17,2900	17,2900			17,2900					
Certificate	NL0013079924	GOLDF 1073TRLOPENH	EUR	14,1900	14,1900	14,1900			14,1900					
Certificate	NL0012209902	GOLDF 1075TL OPENH	EUR	15,2100	15,2100	15,2100			15,2100					
Certificate	NL0011995592	GOLDF 1097TL OPENH	EUR	13,3000	13,3000	13,3000			13,3000					
Certificate	NL0012052393	GOLDF 1109TRLOPENH	EUR	10,9800	10,9800	10,9800			10,9800					
Certificate	NL0013079916	GOLDF 1133TRLOPENH	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	NL0013079908	GOLDF 1135TRLOPENH	EUR	8,6800	8,6800	8,6800			8,6800					
Certificate	NL0012916068	GOLDF 1139TRLOPENH	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	NL0012895833	GOLDF 1144TRLOPENH	EUR	7,9500	7,9500	7,9500			7,9500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012938625	GOLDF 1147TRLOPENH	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	NL0012938609	GOLDF 1153TRLOPENH	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	NL0011735824	GOLDF 1156TRLOPENH	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	NL0013079890	GOLDF 1160TRLOPENH	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	NL0012938591	GOLDF 1165TRLOPENH	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	NL0012889174	GOLDF 1167TL OPENH	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	NL0012938575	GOLDF 1170TRLOPENH	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	NL0012889646	GOLDF 1174TRLOPENH	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0012889620	GOLDF 1179TRLOPENH	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	NL0012891477	GOLDF 1183TRLOPENH	EUR	5,2000	5,2000	4,3800	7427,4400	14	4,4800	1583				
Certificate	NL0013083223	GOLDF 1192TL OPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0013082464	GOLDF 1192TRLOPENH	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	NL0013082977	GOLDF 1199TRLOPENH	EUR	3,7500	3,7500	3,0500	349806,2500	13	3,0500	106135				
Certificate	NL0013087000	GOLDF 1203TRLOPENH	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0013086994	GOLDF 1208TRLOPENH	EUR	2,5000	2,7200	2,1500	333725,0000	17	2,2500	130500				
Certificate	NL0012935209	GOLDF 1236TRSOPENH	EUR											
Certificate	NL0012905533	GOLDF 1241TRSOPENH	EUR	1,3200	1,3800	1,3200	396,0000	1	1,3800	300				
Certificate	NL0012935522	GOLDF 1241TS OPENH	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	NL0012905525	GOLDF 1243TRSOPENH	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0012930564	GOLDF 1246TRSOPENH	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	NL0012930952	GOLDF 1252TS OPENH	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	NL0012930044	GOLDF 1256TRSOPENH	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0012930945	GOLDF 1262TS OPENH	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	NL0012930002	GOLDF 1266TRSOPENH	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	NL0012520282	GOLDF 1270TRSOPENH	EUR											
Certificate	NL0012925945	GOLDF 1271TS OPENH	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	NL0012924922	GOLDF 1275TRSOPENH	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	NL0012548630	GOLDF 1280TS OPENH	EUR											
Certificate	NL0012923809	GOLDF 1282TS OPENH	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	NL0012922868	GOLDF 1283TRSOPENH	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	NL0012919435	GOLDF 1288TRSOPENH	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0011995030	GOLDF 1289TRSOPENH	EUR											
Certificate	NL0012922553	GOLDF 1292TS OPENH	EUR	7,8000	7,8000	7,8000			7,8000					
Certificate	NL0013086986	GOLDF 1293TRSOPENH	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	NL0011995576	GOLDF 1294TS OPENH	EUR											
Certificate	NL0012919401	GOLDF 1295TRSOPENH	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	NL0012918775	GOLDF 1302TS OPENH	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	NL0012551279	GOLDF 1304TRLOPENH	EUR											
Certificate	NL0012916472	GOLDF 1305TRSOPENH	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	NL0012556492	GOLDF 1309TL OPENH	EUR											
Certificate	NL0012861926	GOLDF 1317TS OPENH	EUR	10,0500	10,0500	10,0500			10,0500					
Certificate	NL0012863559	GOLDF 1318TRSOPENH	EUR	8,1800	8,1800	8,1800			8,1800					
Certificate	NL0012863542	GOLDF 1320TRSOPENH	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	NL0012863500	GOLDF 1330TRSOPENH	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	NL0012614333	GOLDF 1334TS OPENH	EUR	11,6400	11,6400	11,6400			11,6400					
Certificate	NL0012847826	GOLDF 1343TRSOPENH	EUR	10,3700	10,3700	10,3700			10,3700					
Certificate	NL0012614325	GOLDF 1344TS OPENH	EUR	12,5400	12,5400	12,5400			12,5400					
Certificate	NL0012613046	GOLDF 1345TRSOPENH	EUR	10,5900	10,5900	10,5900			10,5900					
Certificate	NL0012848428	GOLDF 1353TRSOPENH	EUR	11,2500	11,2500	11,2500			11,2500					
Certificate	NL0012614317	GOLDF 1354TS OPENH	EUR	13,4200	13,4200	13,4200			13,4200					
Certificate	NL0012864284	GOLDF 1358TRSOPENH	EUR	11,7000	11,7000	11,7000			11,7000					
Certificate	NL0012520274	GOLDF 1360TRSOPENH	EUR											
Certificate	NL0012848410	GOLDF 1363TRSOPENH	EUR	12,1200	12,1200	12,1200			12,1200					
Certificate	NL0012551451	GOLDF 1367TS OPENH	EUR	14,5600	14,5600	14,5600			14,5600					
Certificate	NL0012847776	GOLDF 1373TRSOPENH	EUR	12,9900	12,9900	12,9900			12,9900					
Certificate	NL0012614309	GOLDF 1374TS OPENH	EUR	15,2200	15,2200	15,2200			15,2200					
Certificate	NL0012848394	GOLDF 1375TRSOPENH	EUR	13,2100	13,2100	13,2100			13,2100					
Certificate	NL0011998273	GOLDF 1382TS OPENH	EUR	15,9300	15,9300	15,9300			15,9300					
Certificate	NL0012048706	GOLDF 1383TS OPENH	EUR	16,0500	16,0500	16,0500			16,0500					
Certificate	NL0012199921	GOLDF 1386TS OPENH	EUR	16,3100	16,3100	16,3100			16,3100					
Certificate	NL0012906499	GOLDF 1408TRSOPENH	EUR	16,1400	16,1400	16,1400			16,1400					
Certificate	NL0012548598	GOLDF 1416TS OPENH	EUR	19,0000	19,0000	19,0000			19,0000					
Certificate	NL0012906481	GOLDF 1418TRSOPENH	EUR	17,0200	17,0200	17,0200			17,0200					
Certificate	NL0013084015	GOLDF 1430TRSOPENH	EUR	18,0300	18,0300	18,0300			18,0300					
Certificate	NL0012096507	GOLDF 1448TRSOPENH	EUR	19,6600	19,6600	19,6600			19,6600					
Certificate	NL0012195416	GOLDF 1450TRSOPENH	EUR	19,7900	19,7900	19,7900			19,7900					
Certificate	NL0012368104	GOLDF 1464TS OPENH	EUR	23,2700	23,2700	23,2700			23,2700					
Certificate	NL0012095566	GOLDF 1464TS OPENH	EUR	23,2600	23,2600	23,2600			23,2600					
Certificate	NL0012847768	GOLDF 1470TRSOPENH	EUR	21,5400	21,5400	21,5400			21,5400					
Certificate	NL0012548580	GOLDF 1476TS OPENH	EUR	24,3800	24,3800	24,3800			24,3800					
Certificate	NL0012329296	GOLDF 1477TS OPENH	EUR	24,4200	24,4200	24,4200			24,4200					
Certificate	NL0012906473	GOLDF 1488TRSOPENH	EUR	23,1700	23,1700	23,1700			23,1700					



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	NL0012313522	GOLDF 1496TS OPENH	EUR	26,1800	26,1800	26,1800			26,1800					
Certificate	NL0012549208	GOLDF 1496TS OPENH	EUR	26,1700	26,1700	26,1700			26,1700					
Certificate	NL0012906465	GOLDF 1498TRSOPENH	EUR	24,0500	24,0500	24,0500								
Certificate	NL0011892609	GOLDF 1515TRSOPENH	EUR	25,5200	25,5200	25,5200								
Certificate	NL0012432157	GOLDF 1521TS OPENH	EUR	28,4400	28,4400	28,4400								
Certificate	NL0012211528	GOLDF 1528TS OPENH	EUR	29,0100	29,0100	29,0100								
Certificate	NL0013084007	GOLDF 1530TRSOPENH	EUR	26,8200	26,8200	26,8200								
Certificate	NL0012311179	GOLDF 1536TS OPENH	EUR	29,7300	29,7300	29,7300								
Certificate	NL0012906457	GOLDF 1538TRSOPENH	EUR	27,5700	27,5700	27,5700								
Certificate	NL0012847750	GOLDF 1540TRSOPENH	EUR	27,7000	27,7000	27,7000								
Certificate	NL0011891601	GOLDF 1547TS OPENH	EUR	30,7300	30,7300	30,7300								
Certificate	NL0012519086	GOLDF 1566TS OPENH	EUR	32,4400	32,4400	32,4400								
Certificate	NL0011894324	GOLDF 1567TS OPENH	EUR	32,5300	32,5300	32,5300								
Certificate	NL0012437974	GOLDF 1586TS OPENH	EUR	34,1900	34,1900	34,1900								
Certificate	NL0012437966	GOLDF 1595TS OPENH	EUR	35,0800	35,0800	35,0800								
Certificate	NL0012565857	GOLDF 1606TS OPENH	EUR	36,0300	36,0300	36,0300								
Certificate	NL0011896113	GOLDF 1609TS OPENH	EUR	36,2500	36,2500	36,2500								
Certificate	NL0012847701	GOLDF 1640TRSOPENH	EUR	36,4900	36,4900	36,4900								
Certificate	NL0012848378	GOLDF 1670TRSOPENH	EUR	39,1200	39,1200	39,1200								
Certificate	NL0012847677	GOLDF 1700TRSOPENH	EUR	41,7500	41,7500	41,7500								
Certificate	NL0012311161	GOLDF 1705TS OPENH	EUR	44,8800	44,8800	44,8800								
Certificate	NL0012048698	GOLDF 1719TS OPENH	EUR	46,1800	46,1800	46,1800								
Certificate	NL0011996210	GOLDF 1745TRSOPENH	EUR	45,7600	45,7600	45,7600								
Certificate	NL0012330823	GOLDF 1818TRSOPENH	EUR	52,1700	52,1700	52,1700								
Certificate	NL0011891668	GOLDF 1898TRSOPENH	EUR	59,2300	59,2300	59,2300								
Certificate	NL0012848360	GOLDF 1949TRSOPENH	EUR	63,6500	63,6500	63,6500								
Certificate	NL0012313514	GOLDF 1963TS OPENH	EUR	68,0900	68,0900	68,0900								
Certificate	NL0012516694	GOLDF 1973TRSOPENH	EUR	65,7900	65,7900	65,7900								
Certificate	NL0012432140	GOLDF 2029TS OPENH	EUR	73,9700	73,9700	73,9700								
Certificate	NL0012437792	GOLDF 2090TS OPENH	EUR	79,4300	79,4300	79,4300								
Certificate	NL0012439780	GOLDF 2153TS OPENH	EUR	85,1400	85,1400	85,1400								
Certificate	NL0012906598	GOLDF 776.TRLOPENH	EUR	40,2800	40,2800	40,2800								
Certificate	NL0012902654	GOLDF 924.TRLOPENH	EUR	27,2700	27,2700	27,2700								
Certificate	NL0012847891	GOLDF 996.TRLOPENH	EUR	20,9300	20,9300	20,9300								
Certificate	NL0012906630	GOLDF625.6TRLOPENH	EUR	53,5100	53,5100	53,5100								
Certificate	NL0012906622	GOLDF650.6TRLOPENH	EUR	51,3100	51,3100	51,3100								
Certificate	NL0012906614	GOLDF675.7TRLOPENH	EUR	49,1100	49,1100	49,1100								
Certificate	NL0012906606	GOLDF700.8TRLOPENH	EUR	46,9000	46,9000	46,9000								
Certificate	NL0012847909	GOLDF745.9TRLOPENH	EUR	42,9300	42,9300	42,9300								
Certificate	NL0012906580	GOLDF801.1TRLOPENH	EUR	38,0800	38,0800	38,0800								
Certificate	NL0012057822	GOLDF802.5TL OPENH	EUR	38,8000	38,8000	38,8000								
Certificate	NL0012906572	GOLDF826.1TRLOPENH	EUR	35,8800	35,8800	35,8800								
Certificate	NL0012906564	GOLDF851.2TRLOPENH	EUR	33,6600	33,6600	33,6600								
Certificate	NL0012896062	GOLDF884.1TL OPENH	EUR	31,7400	31,7400	31,7400								
Certificate	NL0012906556	GOLDF891.3TRLOPENH	EUR	30,1400	30,1400	30,1400								
Certificate	NL0012906549	GOLDF911.3TRLOPENH	EUR	28,3800	28,3800	28,3800								
Certificate	NL0012906531	GOLDF921.3TRLOPENH	EUR	27,5000	27,5000	27,5000								
Certificate	NL0012906523	GOLDF941.5TRLOPENH	EUR	25,7300	25,7300	25,7300								
Certificate	NL0011990619	GOLDF954.8TRLOPENH	EUR	24,5600	24,5600	24,5600								
Certificate	NL0012906515	GOLDF971.5TRLOPENH	EUR	23,0900	23,0900	23,0900								
Certificate	NL0012851133	GOLDF995.8TRLOPENH	EUR	20,9500	20,9500	20,9500								
Certificate	DE000CJ3N963	GOPRO 6TL 1218Z	EUR											
Certificate	DE000CJ3N6J1	GOPRO 4.9TL 1218Z	EUR	1,0550	1,0850	1,0550				1,0850				
Certificate	DE000CJ3N765	GOPRO 5.6TL 1218Z	EUR	0,4850	0,5100	0,4850								
Certificate	DE000CJ3PCP2	GOPRO 6.4TL 1218Z	EUR											
Certificate	DE000CJ3N6H5	GOPRO 4.55TL 1218Z	EUR	1,3550	1,3850	1,3550				1,3850				
Certificate	DE000CV8ACU7	GOPRO 5.25TL 1218Z	EUR	0,7650	0,7950	0,7650				0,7950				
Certificate	DE000CV89YE2	GOPRO 5.61TL OPENZ	EUR	0,4750	0,5050	0,4750				0,5050				
Certificate	DE000CV89U68	GOPRO4.089TL OPENZ	EUR	1,7650	1,7950	1,7650				1,7950				
Certificate	DE000CV8AHP6	GOPRO4.599TL OPENZ	EUR	1,3250	1,3550	1,3250				1,3550				
Certificate	DE000CV89U76	GOPRO5.106TL OPENZ	EUR	0,8950	0,9250	0,8950				0,9250				
Certificate	DE000CJ3PBH1	GOPRO6.206TL OPENZ	EUR											
Certificate	NL0000455905	GOUD CT OPENN	EUR	1079,5000	1079,5000	1078,0000				1078,0000				
Certificate	DE000CJ3PAL5	GRMN 45.31TL OPENZ	EUR	1,5850	1,6250	1,5850				1,6250				
Certificate	DE000CV8ASY5	GRMN 52.31TL OPENZ	EUR	1,0050	1,0450	1,0050				1,0450				
Certificate	NL0012988216	GRVNV 24.6TS OPENB	EUR	5,9350	5,9350	5,9350				5,9350				
Certificate	DE000CV89RM9	GRVNV11.42TL OPENZ	EUR	9,3100	9,3100	9,3100				9,3100				
Certificate	DE000CV4ZUQ3	GRVNV13.46TL OPENZ	EUR	7,2700	7,2700	7,2700				7,2700				
Certificate	DE000CV4ZQ87	GRVNV14.47TL OPENZ	EUR	6,2650	6,2650	6,2650				6,2650				
Certificate	NL0012682777	GRVNV15.04TL OPENB	EUR	6,3400	6,6950	6,3000	7895,0000	2		1250				
Certificate	DE000CD63RB5	GRVNV15.48TL OPENZ	EUR	5,2550	5,2550	5,2550				5,2550				
Certificate	NL0010933560	GRVNV16.07TL OPENB	EUR	5,7350	5,7350	5,7350				5,7350				



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
Certificate	DE000CD63G35	GRVNV16.47TL OPENZ	EUR	4,2650	4,2650	4,2650			4,2650					
Certificate	NL0012998884	GRVNV17.03BL OPENB	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	NL0012034094	GRVNV17.15TL OPENB	EUR	4,7350	4,7350	4,7350			4,7350					
Certificate	DE000CD63DQ3	GRVNV17.48TL OPENZ	EUR	3,2550	3,2550	3,2550			3,2550					
Certificate	NL0012977557	GRVNV18.02BL OPENB	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	NL0012785844	GRVNV18.16TL OPENB	EUR	3,7950	3,7950	3,7950			3,7950					
Certificate	DE000CV89VH1	GRVNV18.46TL OPENZ	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	NL0012977565	GRVNV19.03BL OPENB	EUR	0,2050	0,2050	0,2050			0,2050					
Certificate	NL0012983340	GRVNV19.16TL OPENB	EUR	2,8650	2,8650	2,8650			2,8650					
Certificate	DE000CJ3NPV7	GRVNV19.46TL OPENZ	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	NL0013012016	GRVNV20.04BL OPENB	EUR	0,0950	0,0950	0,0950			0,0950					
Certificate	NL0012996490	GRVNV21.61TS OPENB	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	NL0012977805	GRVNV21.83BS OPENB	EUR	0,1550	0,1550	0,1550			0,1550					
Certificate	NL0012786313	GRVNV23.07TS OPENB	EUR	4,2850	4,2850	4,2850			4,2850					
Certificate	DE000CE6E4W8	GRVNV23.66TS OPENZ	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	NL0012982839	GRVNV23.81BS OPENB	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	DE000CN6FG88	GRVNV26.15TS OPENZ	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0010135000	GS 113TL OPENB	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	XS1219743553	GSCI STN0419B	EUR	80,4000	82,3500	80,4000			82,3500					
Certificate	DE000CJ3NLH5	GVCHD6.968TL OPENZ	EUR	1,8950	1,9750	1,8950			1,9750					
Certificate	DE000CV8A3N5	GVCHD7.976TL OPENZ	EUR	0,7850	0,8650	0,7850			0,8650					
Certificate	DE000CV8AX34	GWPH 108.4TL OPENZ	EUR	1,5900	1,6400	1,5900			1,6400					
Certificate	DE000CV8AX42	GWPH 129.9TL OPENZ	EUR	0,7100	0,7600	0,7100			0,7600					
Certificate	DE000CN6ERD7	HEIDL 49.7TL OPENZ	EUR	0,5500	0,7700	0,5500	404,4000	2	0,7700	540				
Certificate	NL0012245559	HEIDL 99.6TS OPENH	EUR	5,1500	5,1500	4,9800			4,9800					
Certificate	NL0011990346	HEIDL103.2TS OPENH	EUR	5,5400	5,5400	5,3600			5,3600					
Certificate	NL0011989876	HEIDL105.1TS OPENH	EUR	5,7400	5,7400	5,5600			5,5600					
Certificate	NL0012541650	HEIDL115.6TS OPENH	EUR	6,8700	6,8700	6,7000			6,7000					
Certificate	NL0011225545	HEIDL35.75TL OPENH	EUR	2,2000	2,3800	2,2000			2,3800					
Certificate	DE000CJ3N476	HEIDL40.66TL OPENZ	EUR	1,4400	1,6600	1,4400			1,6600					
Certificate	NL0011225529	HEIDL52.68TL OPENH	EUR	0,6200	0,7900	0,6200			0,7900					
Certificate	DE000CR9RQR1	HEIDL54.92TL OPENZ	EUR	0,0280	0,0280	0,0280			0,0280					
Certificate	DE000CR6Y7D9	HEIDL59.88TL OPENZ	EUR											
Certificate	NL0013081680	HEIDL64.08TS OPENH	EUR	1,3400	1,3400	1,1700			1,1700					
Certificate	NL0012905137	HEIDL70.27TS OPENH	EUR	2,0000	2,0000	1,8300			1,8300					
Certificate	NL0012938302	HEIDL72.15TS OPENH	EUR	2,2000	2,2000	2,0300			2,0300					
Certificate	NL0012920896	HEIDL73.78TS OPENH	EUR	2,3800	2,3800	2,2000			2,2000					
Certificate	NL0012919757	HEIDL75.75TS OPENH	EUR	2,5900	2,5900	2,4100			2,4100					
Certificate	NL0012917165	HEIDL77.72TS OPENH	EUR	2,8000	2,8000	2,6300			2,6300					
Certificate	NL0012911945	HEIDL79.66TS OPENH	EUR	3,0100	3,0100	2,8300	1728,0000	1	2,8300	600				
Certificate	NL0012861280	HEIDL81.34TS OPENH	EUR	3,1900	3,1900	3,0100			3,0100					
Certificate	NL0011992573	HEIDL83.68TL OPENH	EUR											
Certificate	NL0012580914	HEIDL84.59TS OPENH	EUR	3,5400	3,5400	3,3600			3,3600					
Certificate	NL0012582225	HEIDL86.57TS OPENH	EUR	3,7500	3,7500	3,5800			3,5800					
Certificate	NL0012565246	HEIDL88.45TS OPENH	EUR	3,9600	3,9600	3,7800			3,7800					
Certificate	NL0012561674	HEIDL90.33TS OPENH	EUR	4,1600	4,1600	3,9800			3,9800					
Certificate	NL0012312896	HEIDL94.08TS OPENH	EUR	4,5600	4,5600	4,3800			4,3800					
Certificate	NL0012246367	HEIDL98.82TS OPENH	EUR	5,0700	5,0700	4,8900			4,8900					
Certificate	NL0011993852	HEIDL99.58TS OPENH	EUR	5,1500	5,1500	4,9700			4,9700					
Certificate	NL0012102735	HEIJM 6.1TL OPENB	EUR	3,3000	3,5500	3,2800	4115,7500	4	3,4550	1235				
Certificate	NL0012033849	HEIJM 3.51TL OPENB	EUR	5,7050	5,7050	5,7050			5,7050					
Certificate	NL0010124293	HEIJM 4.02TL OPENB	EUR	5,2350	5,2350	5,2350			5,2350					
Certificate	NL0012034102	HEIJM 4.55TL OPENB	EUR	4,8050	4,8050	4,8050			4,8050					
Certificate	NL0012035893	HEIJM 5.06TL OPENB	EUR	4,3550	4,3550	4,3550			4,3550					
Certificate	NL0012102404	HEIJM 5.58TL OPENB	EUR	3,8950	3,8950	3,8950			3,8950					
Certificate	NL0012257836	HEIJM 6.11TL OPENB	EUR	3,0150	3,0150	3,0150			3,0150					
Certificate	NL0012488993	HEIJM 7.11TL OPENB	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	NL0012504518	HEIJM 7.36TL OPENB	EUR	2,3450	2,3450	2,3450			2,3450					
Certificate	NL0012489223	HEIJM 7.62TL OPENB	EUR	2,1200	2,1500	2,0950	881,5600	2	2,1350	413				
Certificate	NL0012489470	HEIJM 8.14TL OPENB	EUR	1,5100	1,7200	1,5050	1805,6000	3	1,6850	1060				
Certificate	NL0012504534	HEIJM 8.39TL OPENB	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	NL0012684989	HEIJM 8.88TL OPENB	EUR											
Certificate	NL0013012792	HEIJM 9.38TL OPENB	EUR											
Certificate	NL0013014541	HEIJM 9.47TS OPENB	EUR	2,4250	2,4250	2,4250			2,4250					
Certificate	NL0013012974	HEIJM 9.97TS OPENB	EUR	3,0050	3,0050	3,0050			3,0050					
Certificate	NL0013012982	HEIJM10.47TS OPENB	EUR	3,5950	3,5950	3,5950			3,5950					
Certificate	NL0013011851	HEIJM10.97TS OPENB	EUR	4,1850	4,1850	4,1850			4,1850					
Certificate	NL0013011869	HEIJM11.47TS OPENB	EUR	4,7750	4,7750	4,7750			4,7750					
Certificate	NL0013010127	HEIJM11.97TS OPENB	EUR	5,3650	5,3650	5,3650			5,3650					
Certificate	NL0013005929	HEIJM12.47TS OPENB	EUR	5,9550	5,9550	5,9550			5,9550					
Certificate	NL0013001944	HEIJM12.96TS OPENB	EUR	6,5250	6,5250	6,5250			6,5250					
Certificate	NL0012791909	HEIJM13.45TS OPENB	EUR	7,1050	7,1050	7,1050			7,1050					



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	NL001293539	HEIJM13.97TS OPENB	EUR	7,7050	7,7050	7,7050			7,7050					
Certificate	DE000CX59UA7	HEINK 50TL OPENC	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	DE000CC60NZ1	HEINK 58TL OPENC	EUR	25,3200	25,3200	25,3200			25,3200					
Certificate	DE000CX000X2	HEINK 60TL OPENC	EUR	1,9800	1,9900	1,9800	29700,0000	1	1,9900	15000				
Certificate	DE000CW42PP3	HEINK 60TL OPENC	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000CC60C41	HEINK 60TL OPENC	EUR	20,2500	20,2500	20,2500			20,2500					
Certificate	DE000CC60P04	HEINK 60TL OPENC	EUR	23,3300	23,3300	23,3300			23,3300					
Certificate	DE000CC60C58	HEINK 62TL OPENC	EUR	18,1500	18,1500	18,1500			18,1500					
Certificate	DE000CV8B9B6	HEINK 64TL 1218Z	EUR	2,6900	2,8300	2,6900			2,8300					
Certificate	NL0011425525	HEINK 64TL OPENB	EUR	18,6100	18,6100	18,6100			18,6100					
Certificate	DE000CC8ATM1	HEINK 64TL OPENC	EUR	16,2600	16,2600	16,2600			16,2600					
Certificate	DE000CX00336	HEINK 65TL OPENC	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CX0K1H3	HEINK 65TL OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CP06TY6	HEINK 65TL OPENC	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000C8AE29	HEINK 65TL OPENC	EUR	15,1100	15,1100	15,1100			15,1100					
Certificate	DE000CV8BA14	HEINK 69TL 1218Z	EUR	1,6900	1,8400	1,6900			1,8400					
Certificate	DE000CP06ZU1	HEINK 70TL OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CY0AZC0	HEINK 70TL OPENC	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CY0AYM2	HEINK 70TL OPENC	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CP06WP8	HEINK 70TL OPENC	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CP06WQ6	HEINK 72TL OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CP06ZV9	HEINK 72TL OPENC	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CV8ABA1	HEINK 74TL 1218Z	EUR	0,7100	0,8500	0,7100			0,8500					
Certificate	DE000CY16AP5	HEINK 75TL OPENC	EUR	0,3900	0,4400	0,3900	195,0000	1	0,4400	500				
Certificate	DE000CY16FR0	HEINK 75TL OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CY50UQ0	HEINK 75TL OPENC	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CY50X34	HEINK 75TL OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CP06WR4	HEINK 78TS OPENC	EUR											
Certificate	DE000CP06TZ3	HEINK 80TS OPENC	EUR											
Certificate	DE000CP06ZW7	HEINK 80TS OPENC	EUR											
Certificate	DE000CX59PQ3	HEINK 80TS OPENC	EUR											
Certificate	DE000CP06WS2	HEINK 82TS OPENC	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	DE000CP067V5	HEINK 85TS OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CP06792	HEINK 85TS OPENC	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	LU1817099010	HEINK 89TPIOPENS	EUR	11,0400	11,0400	11,0400			11,0400					
Certificate	DE000CP060F3	HEINK 90TS OPENC	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CQ58V12	HEINK 90TS OPENC	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	NL0012987275	HEINK 92B0C0619B	EUR	80,9500	80,9500	80,9500			80,9500					
Certificate	NL0012649016	HEINK 92B0C1218Z	EUR	85,5050	86,5900	85,5050			86,5900					
Certificate	NL0012494587	HEINK 98B0C1218B	EUR	77,5500	77,9000	77,5500			77,9000					
Certificate	DE000CY16HZ9	HEINK 100TS OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CY52483	HEINK 100TS OPENC	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000CY16JD2	HEINK 100TS OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CY505Z5	HEINK 100TS OPENC	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CP060G1	HEINK 100TS OPENC	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000CQ582L3	HEINK 100TS OPENC	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CY50X42	HEINK 110TS OPENC	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000CQ582M1	HEINK 110TS OPENC	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CQ5AWP8	HEINK 110TS OPENC	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	DE000CY50NU7	HEINK 110TS OPENC	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	NL0011042197	HEINK 27.4TL OPENH	EUR	52,3500	52,5500	52,3500			52,5500					
Certificate	NL0011042189	HEINK 35.9TL OPENH	EUR	44,4400	44,6400	44,4400			44,6400					
Certificate	NL0010176335	HEINK 37.1TL OPENB	EUR	43,6500	43,6500	43,6500			43,6500					
Certificate	NL0010657144	HEINK 42.4TL OPENB	EUR	38,6800	38,6800	38,6800			38,6800					
Certificate	NL0011042171	HEINK 44.4TL OPENH	EUR	36,5200	36,7200	36,5200			36,7200					
Certificate	NL0010887451	HEINK 47.7TL OPENB	EUR	33,4600	33,7800	33,4600			33,7800					
Certificate	NL0011042163	HEINK 52.9TL OPENH	EUR	28,6000	28,7900	28,6000			28,7900					
Certificate	NL0011042155	HEINK 57.1TL OPENH	EUR	24,6500	24,8500	24,6500			24,8500					
Certificate	NL0010921391	HEINK 57.6TL OPENB	EUR	25,5600	25,5600	24,5000	1622,6400	3	24,5200	65				
Certificate	NL0011042148	HEINK 61.4TL OPENH	EUR	20,6900	20,8900	20,6900			20,8900					
Certificate	NL0010928503	HEINK 61.9TL OPENB	EUR	20,5700	20,5700	20,5700			20,5700					
Certificate	NL0012048524	HEINK 65.6TL OPENH	EUR	16,8000	17,0000	16,8000			17,0000					
Certificate	NL0012094064	HEINK 69.1TL OPENH	EUR	13,5300	13,7300	13,5300			13,7300					
Certificate	NL0012489975	HEINK 69.3TL OPENB	EUR	13,6300	13,6300	13,6300			13,6300					
Certificate	DE000CE6BG24	HEINK 70.9TL OPENZ	EUR	1,2900	1,4400	1,2900			1,4400					
Certificate	NL0012171946	HEINK 71.1TL OPENH	EUR	11,6600	11,8600	11,6600			11,8600					
Certificate	NL0011996079	HEINK 71.6TS OPENC	EUR											
Certificate	NL0013010556	HEINK 71.9BL OPENB	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	NL0012111355	HEINK 72.3TL OPENB	EUR	10,8200	10,8200	10,8200			10,8200					
Certificate	NL0012175319	HEINK 73.1TL OPENH	EUR	9,7700	9,7700	9,7700			9,7700					
Certificate	DE000VAGD3E7	HEINK 73.6TL OPENV	EUR	0,4220	0,5070	0,4070	59,9400	2	0,4245	138				
Certificate	NL0013009681	HEINK 73.8TL OPENB	EUR	9,5000	9,5000	9,5000			9,5000					



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	NL0012202949	HEINK 75.2TL OPENH	EUR	7,8400	8,0400	7,8400			8,0400					
Certificate	NL0013012800	HEINK 75.3TL OPENB	EUR	8,0300	8,0300	8,0300			8,0300					
Certificate	NL0013014095	HEINK 76.8TL OPENB	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	NL0013007354	HEINK 79.2TS OPENB	EUR											
Certificate	NL0013004260	HEINK 82.2TS OPENB	EUR	10,5400	10,7800	10,5200	4220,0000	2	10,7800	400				
Certificate	NL0012899975	HEINK 82.9TS OPENH	EUR	11,8500	11,8500	11,7000			11,7000					
Certificate	NL0012996912	HEINK 83.9BS OPENB	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	NL0012995864	HEINK 85.1TS OPENB	EUR	13,9700	13,9700	13,9700			13,9700					
Certificate	NL0012989131	HEINK 88.1TS OPENB	EUR	17,1600	17,1600	17,1600			17,1600					
Certificate	NL0012936652	HEINK 88.6TS OPENH	EUR	17,9800	17,9800	17,8400			17,8400					
Certificate	NL0012933618	HEINK 92.4TS OPENH	EUR	22,0600	22,0600	21,9100			21,9100					
Certificate	NL0011728753	HEINK 94.1TS OPENH	EUR	23,9700	23,9700	23,8000			23,8000					
Certificate	LU1790554817	HEINK 94.6TPIOPENS	EUR	15,7200	15,7200	15,7200			15,7200					
Certificate	NL0011241187	HEINK 94.9TS OPENH	EUR	24,8400	24,8400	24,6600			24,6600					
Certificate	NL0012275671	HEINK 96.9TS OPENB	EUR	26,5600	26,7200	26,5400	185,9200	1	26,7200	7				
Certificate	NL0012889083	HEINK 98.7TS OPENH	EUR	28,8200	28,8200	28,6700			28,6700					
Certificate	NL0012971931	HEINK 99.9TS OPENB	EUR	29,9300	29,9300	29,9300			29,9300					
Certificate	NL0012931216	HEINK100.3TS OPENH	EUR	30,6000	30,6000	30,4600			30,4600					
Certificate	NL0012604698	HEINK105.2TS OPENH	EUR	35,8800	35,8800	35,7100			35,7100					
Certificate	NL0012246375	HEINK105.7TS OPENH	EUR	36,4800	36,4800	36,3000			36,3000					
Certificate	DE000CV875K5	HEINK106.3TS OPENZ	EUR	5,8700	5,8700	5,7200			5,7200					
Certificate	DE000CF80AP0	HEINK48.16TL OPENC	EUR											
Certificate	DE000CD63X18	HEINK53.49TL OPENZ	EUR	23,7500	24,4900	23,7500			24,4900					
Certificate	DE000CR1JCA1	HEINK58.55TL OPENZ	EUR	18,6900	19,4300	18,6900			19,4300					
Certificate	LU1841030361	HEINK60.34TPIOPENS	EUR	18,1600	18,1600	18,1600			18,1600					
Certificate	DE000CR4UJ35	HEINK61.98TL OPENZ	EUR	15,2850	16,0150	15,2850			16,0150					
Certificate	DE000CR6V955	HEINK62.88TL OPENZ	EUR	14,4000	15,1300	14,4000			15,1300					
Certificate	NL0011539267	HEINK65.49BL OPENB	EUR	13,0600	13,0600	13,0600			13,0600					
Certificate	DE000CR6XCW5	HEINK65.94TL OPENZ	EUR	11,3500	12,0800	11,3500			12,0800					
Certificate	DE000VA7TEH4	HEINK66.74TL OPENV	EUR	1,1225	1,1225	1,1225			1,1225					
Certificate	NL0011532023	HEINK67.65BL OPENB	EUR	10,9200	10,9200	10,9200			10,9200					
Certificate	LU1493003252	HEINK68.14TPIOPENS	EUR	10,2200	10,2200	10,2200			10,2200					
Certificate	DE000VA7PV26	HEINK68.72TL OPENV	EUR	0,9235	0,9235	0,9235			0,9235					
Certificate	NL0012109375	HEINK69.73BL OPENB	EUR	8,8300	8,8300	8,8300			8,8300					
Certificate	DE000VAGEFN3	HEINK70.67TL OPENV	EUR	0,7235	0,7235	0,7235			0,7235					
Certificate	LU1840980673	HEINK70.88TPIOPENS	EUR	7,6400	7,6400	7,6400			7,6400					
Certificate	DE000VAGEFR4	HEINK71.67TL OPENV	EUR	0,6235	0,6235	0,6235			0,6235					
Certificate	LU1840912916	HEINK73.02TPIOPENS	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	NL0012111611	HEINK73.92BL OPENB	EUR	4,2500	4,6500	4,2300	425,0000	1	4,6500	100				
Certificate	DE000VA7PSH2	HEINK74.72TL OPENV	EUR	0,3325	0,3325	0,3325			0,3325					
Certificate	DE000VA71Z73	HEINK75.76TL OPENV	EUR	0,2445	0,2445	0,2445			0,2445					
Certificate	NL0013013808	HEINK75.91BL OPENB	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	DE000VA8FSP4	HEINK76.76TL OPENV	EUR	0,1555	0,1555	0,1555			0,1555					
Certificate	LU1841152983	HEINK77.03TPIOPENS	EUR											
Certificate	DE000VA8FTT4	HEINK77.76TL OPENV	EUR											
Certificate	LU1841029272	HEINK77.94TPIOPENS	EUR											
Certificate	NL0013010648	HEINK77.97BS OPENB	EUR											
Certificate	DE000VA71SF3	HEINK78.61TS OPENV	EUR											
Certificate	DE000VA7TEG6	HEINK79.62TS OPENV	EUR											
Certificate	DE000VA7TC82	HEINK80.62TS OPENV	EUR	0,3225	0,3225	0,3225			0,3225					
Certificate	NL0013007008	HEINK80.91BS OPENB	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	LU1840912080	HEINK81.37TPIOPENS	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000VA7PXU5	HEINK81.62TS OPENV	EUR	0,4105	0,4105	0,4105			0,4105					
Certificate	DE000VAGECD1	HEINK83.74TS OPENV	EUR	0,6085	0,6085	0,6085			0,6085					
Certificate	LU1817217406	HEINK85.48TPIOPENS	EUR	7,5800	7,5800	7,5800			7,5800					
Certificate	DE000VAD6D90	HEINK85.77TS OPENV	EUR	0,8075	0,8075	0,8075			0,8075					
Certificate	DE000CJ3NZ52	HEINK86.33TS OPENZ	EUR	1,8800	1,8800	1,5100	697,8500	7	1,7450	403				
Certificate	NL0012994875	HEINK86.89BS OPENB	EUR	9,2900	9,2900	9,2900			9,2900					
Certificate	DE000VASRQX3	HEINK87.81TS OPENV	EUR	1,0065	1,0065	1,0065			1,0065					
Certificate	DE000VASRQY1	HEINK89.81TS OPENV	EUR	1,2055	1,2055	1,2055			1,2055					
Certificate	NL0012985824	HEINK89.87BS OPENB	EUR	12,2700	12,2700	12,2700			12,2700					
Certificate	DE000VASRQZ8	HEINK91.81TS OPENV	EUR	1,4045	1,4045	1,4045			1,4045					
Certificate	NL0012490163	HEINK92.26BS OPENB	EUR	14,6600	14,6600	14,6600			14,6600					
Certificate	DE000VASRQ07	HEINK93.81TS OPENV	EUR	1,6045	1,6045	1,6045			1,6045					
Certificate	DE000VASRQ15	HEINK95.81TS OPENV	EUR	1,8035	1,8035	1,8035			1,8035					
Certificate	DE000CE6D4Q1	HEINK96.29TS OPENZ	EUR	3,8800	3,8800	3,7300			3,7300					
Certificate	DE000VASRQ23	HEINK97.81TS OPENV	EUR	2,0025	2,0025	2,0025			2,0025					
Certificate	NL0011721345	HENKE 84.7TL OPENH	EUR	1,4200	1,5400	1,4200			1,5400					
Certificate	NL0011721337	HENKE 88.9TL OPENH	EUR	1,0300	1,1500	1,0300			1,1500					
Certificate	NL0011714027	HENKE 91.8TL OPENH	EUR	0,7600	0,8800	0,7600			0,8800					
Certificate	NL0013082605	HENKE100.4TS OPENH	EUR	1,4500	1,4500	1,3500			1,3500					
Certificate	NL0012905145	HENKE104.9TS OPENH	EUR	1,9400	1,9400	1,8300			1,8300					



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	NL001288697	HENKE114.8TS OPENH	EUR	3,0000	3,0000	2,8900			2,8900					
Certificate	NL0012565261	HENKE116.6TS OPENH	EUR	3,1900	3,1900	3,0800			3,0800					
Certificate	NL0012333819	HENKE124.4TS OPENH	EUR	4,0300	4,0300	3,9200			3,9200					
Certificate	NL0011225552	HENKE127.4TS OPENH	EUR	4,3500	4,3500	4,2400			4,2400					
Certificate	NL0012210108	HENKE151.6TS OPENH	EUR	6,9400	6,9400	6,8300			6,8300					
Certificate	DE000CJ3NUE3	HENKE67.35TL OPENZ	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	DE000CR9RQT7	HENKE77.36TL OPENZ	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CR9P6H0	HENKE86.34TL OPENZ	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CV893G7	HERMS466.9TL OPENZ	EUR	1,9850	2,6550	1,9850			2,6550					
Certificate	DE000CJ3N3M2	HFSH 7.25TL OPENZ	EUR	0,7950	0,8100	0,7950			0,8100					
Certificate	DE000CV4Y2R3	HFSH 8.25TL OPENZ	EUR	0,6150	0,6300	0,6150			0,6300					
Certificate	DE000CV4YRD0	HFSH 9.11TL OPENZ	EUR	2,3000	2,3750	2,3000			2,3750					
Certificate	DE000CJ3PB41	HLAN 105TL OPENZ	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000CJ3PB58	HLAN 120TL OPENZ	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	DE000CJ3PB66	HLAN 135TL OPENZ	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	NL0013015357	HLAN 119.4TL OPENB	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	NL0013005713	HLAN 126.9TL OPENB	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0013005721	HLAN 134.4TL OPENB	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	NL0013005739	HLAN 141.9TL OPENB	EUR											
Certificate	NL0013005762	HLAN 150.5TS OPENB	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	NL0013005770	HLAN 165.5TS OPENB	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000CV880X9	HMB 96.TL OPENZ	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CV4ZTT9	HMB 106.TL OPENZ	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CV887N5	HMB 115.9TL OPENZ	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CJ3NB2	HMB 125.9TL OPENZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CJ3NS02	HMB 140.9TL OPENZ	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CJ3NY38	HMB 155.8TL OPENZ	EUR	0,0810	0,0810	0,0810			0,0810					
Certificate	DE000CV87TK3	HMB 85.87TL OPENZ	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0011525654	HOMED106.4TL OPENB	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	DE000CD62361	HSBC 4.089TL OPENZ	EUR	2,1350	2,2650	2,1350			2,2650					
Certificate	DE000CD62LF1	HSBC 4.766TL OPENZ	EUR	1,3750	1,5050	1,3750			1,5050					
Certificate	DE000CD641B3	HSBC 5.772TL OPENZ	EUR	0,2550	0,3850	0,2550			0,3850					
Certificate	NL0000456457	HSCEI PI OPENN	EUR	113,9000	113,9000	113,9000			113,9000					
Certificate	NL0011218367	HSCEI STN1019V	EUR	102,7500	102,8500	102,7500			102,8500					
Certificate	NL0000450922	HSCEI 1360TL OPENB	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	NL0006473597	HSCEI 2050TL OPENB	EUR	9,3100	9,3100	9,3100			9,3100					
Certificate	NL0006518359	HSCEI 3590TL OPENB	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	NL0009067479	HSCEI 4500TL OPENB	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	NL0009069947	HSCEI 5510TL OPENB	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	NL0009995448	HSCEI 6530TL OPENB	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	NL0012277933	HSCEI 8690TL OPENB	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	NL0012277958	HSCEI 9730TL OPENB	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0012277966	HSCEI 9990TL OPENB	EUR											
Certificate	NL0012976286	HSCEI11470TS OPENB	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	NL0012976294	HSCEI11970TS OPENB	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	NL0012976302	HSCEI12470TS OPENB	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	NL0011252796	HSCEI13950TS OPENB	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	DE0005718605	HSI PI OPENN	EUR	277,4500	277,4500	277,4500			277,4500					
Certificate	NL0006467334	HSI 3560TL OPENB	EUR	24,3250	24,3250	24,3250			24,3250					
Certificate	NL0009172667	HSI 6300TL OPENB	EUR	21,4250	21,4250	21,4250			21,4250					
Certificate	NL0009172675	HSI 9930TL OPENB	EUR	17,5850	17,5850	17,5850			17,5850					
Certificate	NL0010609160	HSI 15260TL OPENB	EUR	11,9250	11,9250	11,9250			11,9250					
Certificate	NL0012277990	HSI 18300TL OPENB	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	NL0012278006	HSI 21420TL OPENB	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	NL0012278014	HSI 23490TL OPENB	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0012278022	HSI 24530TL OPENB	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0012976328	HSI 29070TS OPENB	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	NL0012976336	HSI 31060TS OPENB	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	DE000CJ3PHU1	HUGO 39.04TL OPENZ	EUR	2,0450	2,1400	2,0450			2,1400					
Certificate	DE000CE6DQL5	HUGO 49.05TL OPENZ	EUR	1,0550	1,1400	1,0550			1,1400					
Certificate	DE000CE6CCZ7	HUGO 55.03TL OPENZ	EUR	0,4650	0,5500	0,4650			0,5500					
Certificate	NL0000458172	IABBP PI OPENN	EUR	91,5000	92,9500	91,5000			92,9500					
Certificate	NL0000847689	IAEET PI OPENN	EUR	1,3200	1,3300	1,3200			1,3300					
Certificate	NL0006303281	IAVIT PI OPENN	EUR	18,3600	18,5500	18,3600			18,5500					
Certificate	NL0000290195	IAWUT PI OPENN	EUR	31,8200	32,4200	31,8200			32,4200					
Certificate	DE000CJ3N633	IBAB 9.36TL OPENZ	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	DE000CV4ZCG2	IBAB 10.36TL OPENZ	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	DE000CJ3NLR4	IBAB 11.47TL OPENZ	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	NL0013009707	IBAB 12.53TL OPENB	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CV4ZCE7	IBAB 12.55TL OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	NL0013005812	IBAB 13.53TL OPENB	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CV4ZCD9	IBAB 13.64TL OPENZ	EUR	0,1700	0,1700	0,1550	170,0000	1	0,1550	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	NL0013004567	IBAB 14.53TL OPENB	EUR											
Certificate	DE000CV4ZAK8	IBAB 14.71TL OPENZ	EUR											
Certificate	NL0013012198	IBAB 15.53TL OPENB	EUR											
Certificate	DE000CJ3PB74	IBAB 15.71TL OPENZ	EUR											
Certificate	NL0013015670	IBAB 16.45TS OPENB	EUR	0,4400	0,4400	0,4400				0,4400				
Certificate	NL0013012826	IBAB 16.53TL OPENB	EUR											
Certificate	NL0013001969	IBAB 19.45TS OPENB	EUR	0,7800	0,7800	0,7800				0,7800				
Certificate	NL0012994040	IBAB 22.43TS OPENB	EUR	1,1300	1,1300	1,1300				1,1300				
Certificate	NL0012993315	IBAB 25.42TS OPENB	EUR	1,4700	1,4700	1,4700				1,4700				
Certificate	DE000CE6EAD4	IBAB 33.02TS OPENZ	EUR	2,0850	2,0850	2,0850				2,0850				
Certificate	DE000CV505N3	IBERD4.512TL OPENZ	EUR	1,7850	1,8500	1,7850				1,8500				
Certificate	DE000CE6CA03	IBERD5.213TL OPENZ	EUR	1,0850	1,1600	1,0850				1,1600				
Certificate	NL0010131066	IBEX 4670TL OPENB	EUR	42,3200	42,3200	42,3200				42,3200				
Certificate	NL0010134136	IBEX 5780TL OPENB	EUR	31,5200	31,5200	31,5200				31,5200				
Certificate	DE000CN6JQA4	IBEX 6276TL OPENZ	EUR	23,8600	24,7700	23,8600				24,7700				
Certificate	NL0010443057	IBEX 6340TL OPENB	EUR	26,0500	26,0500	26,0500				26,0500				
Certificate	DE000CN6HNC1	IBEX 6795TL OPENZ	EUR	18,6700	19,5800	18,6700				19,5800				
Certificate	NL0010445706	IBEX 6900TL OPENB	EUR	20,6800	20,6800	20,6800				20,6800				
Certificate	DE000CX0JRX5	IBEX 7000TL OPENC	EUR	15,5800	15,5800	15,5800				15,5800				
Certificate	DE000CX0J551	IBEX 7000TL OPENC	EUR	16,5300	16,5300	16,5300				16,5300				
Certificate	DE000CN6H3U2	IBEX 7316TL OPENZ	EUR	13,4600	14,3700	13,4600				14,3700				
Certificate	DE000CX005F8	IBEX 7500TL OPENC	EUR	10,5900	10,5900	10,5900				10,5900				
Certificate	DE000CX004V8	IBEX 7500TL OPENC	EUR	9,6600	9,6600	9,6600				9,6600				
Certificate	DE000CD626D0	IBEX 7826TL OPENZ	EUR	8,3500	9,2600	8,3500				9,2600				
Certificate	DE000CX590N3	IBEX 8200TL OPENC	EUR	2,3800	2,3800	2,3800				2,3800				
Certificate	DE000CD63YL0	IBEX 8331TL OPENZ	EUR	3,3100	4,2200	3,3100				4,2200				
Certificate	DE000CY0AK56	IBEX 8500TL OPENC	EUR											
Certificate	DE000CP063N1	IBEX 8500TL OPENC	EUR	4,1600	4,1600	4,1600				4,1600				
Certificate	DE000CP07C75	IBEX 9500TS OPENC	EUR	9,6200	9,6200	9,6200				9,6200				
Certificate	DE000CP06VN5	IBEX 9500TS OPENC	EUR	7,6300	7,6300	7,6300				7,6300				
Certificate	DE000CJ3N740	IBEX 9680TS OPENZ	EUR	10,2500	10,2500	9,3400				9,3400				
Certificate	DE000CE6BU18	IBEX 10376TS OPENZ	EUR	17,2100	17,2100	16,3000				16,3000				
Certificate	NL0011048897	IBEX 10420TS OPENH	EUR	26,6200	26,6200	25,4900				25,4900				
Certificate	DE000CQ5AJU5	IBEX 10500TS OPENC	EUR	13,2000	13,2000	13,2000				13,2000				
Certificate	DE000CQ5AMA1	IBEX 10500TS OPENC	EUR	15,3900	15,3900	15,3900				15,3900				
Certificate	NL0011048889	IBEX 10790TS OPENH	EUR	30,6100	30,6100	29,4800				29,4800				
Certificate	DE000CE6C2X2	IBEX 11069TS OPENZ	EUR	24,1400	24,1400	23,2300				23,2300				
Certificate	DE000CY16UK4	IBEX 11500TS OPENC	EUR	14,9500	14,9500	14,9500				14,9500				
Certificate	DE000CY50MT1	IBEX 11500TS OPENC	EUR	18,4300	18,4300	18,4300				18,4300				
Certificate	DE000CY51WX0	IBEX 11500TS OPENC	EUR	22,0200	22,0200	22,0200				22,0200				
Certificate	DE000CE6C899	IBEX 11766TS OPENZ	EUR	31,1100	31,1100	30,2000				30,2000				
Certificate	DE000CY50MU9	IBEX 12000TS OPENC	EUR	23,2100	23,2100	23,2100				23,2100				
Certificate	DE000CY51YA4	IBEX 12000TS OPENC	EUR	24,5400	24,5400	24,5400				24,5400				
Certificate	DE000CY16RS3	IBEX 12000TS OPENC	EUR	19,3400	19,3400	19,3400				19,3400				
Certificate	NL0011048871	IBEX 12260TS OPENH	EUR	46,5600	46,5600	45,4300				45,4300				
Certificate	DE000CE6CU58	IBEX 12462TS OPENZ	EUR	38,0700	38,0700	37,1600				37,1600				
Certificate	DE000CY16U30	IBEX 13000TS OPENC	EUR	30,2800	30,2800	30,2800				30,2800				
Certificate	DE000CY16RT1	IBEX 13000TS OPENC	EUR	28,7000	28,7000	28,7000				28,7000				
Certificate	NL0011048863	IBEX 13720TS OPENH	EUR	62,5200	62,5200	61,3800				61,3800				
Certificate	NL0009172253	IBM 80TL OPENB	EUR	44,7800	44,7800	44,7800				44,7800				
Certificate	NL0011637277	IBM 107.2TL OPENB	EUR	2,2300	2,2300	2,2300				2,2300				
Certificate	NL0011240395	IBM 111.4TL OPENH	EUR	2,0500	2,0500	1,8600				1,8600				
Certificate	NL0011651534	IBM 113.5TL OPENB	EUR	1,7200	1,7200	1,7200				1,7200				
Certificate	NL0011658224	IBM 126.6TL OPENB	EUR											
Certificate	NL0013014558	IBM 136.8TS OPENB	EUR	1,9850	1,9850	1,9850				1,9850				
Certificate	NL0013010135	IBM 150.5TS OPENB	EUR	3,2850	3,2850	3,2850				3,2850				
Certificate	NL0012682975	IBM 165.6TS OPENB	EUR	4,7250	4,7250	4,7250				4,7250				
Certificate	NL0011240346	IBM 173.3TS OPENH	EUR	5,1500	5,3800	5,1500				5,3800				
Certificate	NL0012031686	IBM 182.7TS OPENB	EUR	6,3550	6,3550	6,3550				6,3550				
Certificate	NL0011052089	IBM 188.4TS OPENH	EUR	6,5700	6,8000	6,5700				6,8000				
Certificate	NL0011408976	ICAAG205.5TL OPENH	EUR											
Certificate	NL0011408968	ICAAG221.2TL OPENH	EUR											
Certificate	NL0011714035	ICAAG339.6TS OPENH	EUR											
Certificate	DE000CJ3NOG0	ICAG 4.32TL OPENZ	EUR	1,6450	1,6450	1,6450				1,6450				
Certificate	DE000CV4YZY9	ICAG 5.02TL OPENZ	EUR	0,9050	0,9050	0,9050				0,9050				
Certificate	DE000CJ3NVA9	ICICI 6.34TL OPENZ	EUR	0,2250	0,2350	0,2250				0,2350				
Certificate	DE000CV8ASZ2	ICICI 7.41TL OPENZ	EUR	0,1350	0,1450	0,1350				0,1450				
Certificate	DE000CN6KYM1	IFSfu13937TL OPENZ	EUR	4,8400	4,8400	4,8400				4,8400				
Certificate	DE000CE6C7N2	IFSfu15552TL OPENZ	EUR	3,2300	3,2300	3,2300				3,2300				
Certificate	DE000CE6C7P7	IFSfu17060TL OPENZ	EUR	1,7200	1,7200	1,7200				1,7200				
Certificate	DE000CE6C7Q5	IFSfu18566TL OPENZ	EUR											
Certificate	DE000CV894D2	IFSfu22813TS OPENZ	EUR	4,1700	4,1700	4,1700				4,1700				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV87ER0	IFSfu24809TS OPENZ	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	DE000CV508E6	IFSfu26807TS OPENZ	EUR	8,1600	8,1600	8,1600			8,1600					
Certificate	NL0012031348	IMCD 33.3TL OPENB	EUR	27,1200	27,1200	27,1200			27,1200					
Certificate	DE000CN6KVU0	IMCD 33.66TL OPENZ	EUR	2,5650	2,5650	2,5650			2,5650					
Certificate	DE000CD63QL6	IMCD 36.81TL OPENZ	EUR	2,2650	2,2650	2,2650			2,2650					
Certificate	NL0012038764	IMCD 37.39TL OPENB	EUR	23,3100	23,3100	23,3100			23,3100					
Certificate	NL0012102743	IMCD 39.41TL OPENB	EUR	21,4200	21,4200	21,4200			21,4200					
Certificate	DE000CE6BNC5	IMCD 39.47TL OPENZ	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	DE000CD64AG8	IMCD 39.93TL OPENZ	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	DE000CE6BPL1	IMCD 42.45TL OPENZ	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	NL0012119820	IMCD 43.46TL OPENB	EUR	17,6600	17,6600	17,6600			17,6600					
Certificate	DE000CE6BLK2	IMCD 43.55TL OPENZ	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	DE000CE6C6F0	IMCD 45.42TL OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	NL0012122030	IMCD 45.48TL OPENB	EUR	15,7800	15,7800	15,7800			15,7800					
Certificate	NL0012281810	IMCD 47.48TL OPENB	EUR	13,9200	13,9200	13,9200			13,9200					
Certificate	DE000CV88M28	IMCD 49.38TL OPENZ	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	NL0012977573	IMCD 52.63BL OPENB	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	DE000CV89FA9	IMCD 53.36TL OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	NL0012977581	IMCD 55.14BL OPENB	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	NL0012971048	IMCD 55.42TL OPENB	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	DE000CJ3N8K5	IMCD 57.33TL OPENZ	EUR											
Certificate	NL0012978423	IMCD 57.38TL OPENB	EUR											
Certificate	NL0013008725	IMCD 57.64BL OPENB	EUR											
Certificate	NL0013012818	IMCD 59.38TL OPENB	EUR											
Certificate	NL0013014996	IMCD 60.08BS OPENB	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	NL0013015654	IMCD 61.65TS OPENB	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	NL0013007982	IMCD 64.65TS OPENB	EUR	11,8500	11,8500	11,8500			11,8500					
Certificate	NL0013007719	IMCD 65.07BS OPENB	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	DE000CJ3N484	IMCD 65.38TS OPENZ	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	NL0013005614	IMCD 67.63TS OPENB	EUR	15,0700	15,0700	15,0700			15,0700					
Certificate	NL0012979546	IMCD 70.07BS OPENB	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	NL0012990659	IMCD 70.54TS OPENB	EUR	18,2200	18,2200	18,2200			18,2200					
Certificate	DE000CV89FC5	IMCD 73.35TS OPENZ	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	NL0012994578	IMCD 73.61TS OPENB	EUR	21,5300	21,5300	21,5300			21,5300					
Certificate	NL0012990477	IMCD 75.05BS OPENB	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	DE000CV8B0A7	IMCD 83.36TS OPENZ	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	DE000CP06Y23	INBEV 50TL OPENC	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	NL0011993399	INBEV 57TL OPENH	EUR	1,2300	1,2600	1,2300	123,0000	1	1,2600	100				
Certificate	DE000CV52UY0	INBEV 60TL OPENC	EUR	0,8400	0,9000	0,6400	8928,0000	6	0,7000	11500				
Certificate	DE000CQ5ARW4	INBEV 60TL OPENC	EUR	1,1300	1,1300	0,9200	651,0000	2	0,9200	640				
Certificate	NL0010609806	INBEV 61TL OPENB	EUR	8,9500	8,9500	7,4350	15926,5000	7	7,4350	1950				
Certificate	DE000VA71UJ1	INBEV 64TL 0319V	EUR	0,2150	0,2150	0,2150			0,2150					
Certificate	DE000CP06VY2	INBEV 65TL OPENC	EUR											
Certificate	DE000VA7PTT5	INBEV 66TL 0319V	EUR											
Certificate	DE000VA71UG7	INBEV 66TL 1218V	EUR											
Certificate	DE000VA7PTU3	INBEV 68TL 0319V	EUR											
Certificate	DE000VA71NX7	INBEV 68TL 1218V	EUR											
Certificate	DE000VA7PTV1	INBEV 70TL 0319V	EUR											
Certificate	DE000VA6EB16	INBEV 70TL 1218V	EUR											
Certificate	DE000CP06NP7	INBEV 70TL OPENC	EUR											
Certificate	DE000CP06Z04	INBEV 70TL OPENC	EUR											
Certificate	DE000VA8F571	INBEV 72TL 0319V	EUR											
Certificate	DE000VA7PTW9	INBEV 72TL 0319V	EUR											
Certificate	DE000VA6D5P8	INBEV 72TL 1218V	EUR											
Certificate	DE000VA8F563	INBEV 72TL 1218V	EUR											
Certificate	DE000CP06VZ9	INBEV 75TS OPENC	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CP06Z12	INBEV 75TS OPENC	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000VA71NV1	INBEV 76TS 0319V	EUR	1,1770	1,1770	1,1770			1,1770					
Certificate	DE000VA71N02	INBEV 76TS 1218V	EUR	1,1680	1,1680	1,1680			1,1680					
Certificate	DE000VA7PTQ1	INBEV 78TS 0319V	EUR	1,3790	1,3790	1,3790			1,3790					
Certificate	DE000VA64XR3	INBEV 78TS 1218V	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0012796122	INBEV 80BON1219Z	EUR											
Certificate	DE000VA7PTR9	INBEV 80TS 0319V	EUR	1,5790	1,5790	1,5790			1,5790					
Certificate	DE000VA6D724	INBEV 80TS 1218V	EUR	1,5710	1,5710	1,5710			1,5710					
Certificate	DE000CP06TK5	INBEV 80TS OPENC	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000CP06Z20	INBEV 80TS OPENC	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000VA7PTS7	INBEV 82TS 0319V	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000VA6D237	INBEV 82TS 1218V	EUR	1,7710	1,7710	1,7710			1,7710					
Certificate	DE000VA7PVN4	INBEV 84TS 0319V	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000VA6D245	INBEV 84TS 1218V	EUR	1,9720	1,9720	1,9720			1,9720					
Certificate	NL0012796700	INBEV 86BON1219Z	EUR											
Certificate	DE000VA5RQP9	INBEV 86TS 1218V	EUR	2,1720	2,1720	2,1720			2,1720					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VASRME2	INBEV 88TS 1218V	EUR	2,3720	2,3720	2,3720			2,3720					
Certificate	DE000VA4YTU2	INBEV 90TS 1218V	EUR	2,5720	2,5720	2,5720			2,5720					
Certificate	DE000CQ3ANR3	INBEV 90TS OPENC	EUR											
Certificate	DE000CP06206	INBEV 90TS OPENC	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000CQ585U4	INBEV 90TS OPENC	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	NL0012795520	INBEV 92BOC0619Z	EUR	64,9100	64,9100	64,9100	4089,3300	1	64,9100	63				
Certificate	DE000VA320T8	INBEV 92TS 1218V	EUR	2,7720	2,7720	2,7720			2,7720					
Certificate	NL0012795538	INBEV 93BOC0919Z	EUR											
Certificate	NL0012795231	INBEV 93BOC1218Z	EUR											
Certificate	DE000VA320U6	INBEV 94TS 1218V	EUR	2,9720	2,9720	2,9720			2,9720					
Certificate	DE000VA321L3	INBEV 96TS 1218V	EUR	3,1720	3,1720	3,1720			3,1720					
Certificate	DE000VA323K1	INBEV 98TS 1218V	EUR	3,3730	3,3730	3,3730			3,3730					
Certificate	DE000CY52B04	INBEV 100TS OPENC	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000CY529L4	INBEV 100TS OPENC	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	DE000CY50230	INBEV 110TS OPENC	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CY50032	INBEV 110TS OPENC	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000CX0IAJ0	INBEV 125TS OPENC	EUR											
Certificate	DE000CX0J969	INBEV 125TS OPENC	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000CW42UQ1	INBEV 130TS OPENC	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000CV4Z2C2	INBEV 65.TL OPENZ	EUR											
Certificate	NL0012993919	INBEV 84.8S OPENB	EUR	20,5350	20,5350	20,5350			20,5350					
Certificate	NL0012331979	INBEV 26.5TL OPENH	EUR	4,2600	4,2600	4,0900	468,6000	1	4,0900	110				
Certificate	NL0012331987	INBEV 32.7TL OPENH	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	NL0011993407	INBEV 41.5TL OPENH	EUR	2,6900	2,7000	2,6500	1098,5000	2	2,7000	410				
Certificate	NL0010127148	INBEV 45.8TL OPENB	EUR	24,0900	24,0900	21,6150	11846,8000	3	21,6150	520				
Certificate	NL0010127932	INBEV 50.3TL OPENB	EUR	20,0900	20,2500	17,4450	26262,6400	11	17,4450	1417				
Certificate	NL0011995246	INBEV 50.8TL OPENH	EUR	1,8600	1,9900	1,7000	5219,1200	9	1,8300	2842				
Certificate	NL0012331995	INBEV 63.3TL OPENH	EUR	0,7100	0,7900	0,5200	6013,5000	7	0,6700	8740				
Certificate	NL0013012149	INBEV 63.5TL OPENB	EUR	7,8900	7,9000	5,1700	51558,7500	8	5,1700	6625				
Certificate	NL0012901656	INBEV 65.6TL OPENH	EUR											
Certificate	NL0010655817	INBEV 66.8TL OPENB	EUR											
Certificate	DE000VL76DY2	INBEV 69.1TL OPENV	EUR											
Certificate	NL0012578512	INBEV 69.5TL OPENH	EUR											
Certificate	DE000CV4YVH7	INBEV 70.1TL OPENZ	EUR											
Certificate	NL0010890745	INBEV 70.4TL OPENB	EUR											
Certificate	DE000VL76DZ9	INBEV 71.1TL OPENV	EUR											
Certificate	NL0011993381	INBEV 72.4TL OPENH	EUR											
Certificate	NL0013014152	INBEV 74.3TS OPENB	EUR	16,1350	16,1350	16,1350			16,1350					
Certificate	DE000VA7PSB5	INBEV 76.6TS OPENV	EUR	1,1310	1,1310	1,1310			1,1310					
Certificate	NL0013079247	INBEV 77.3TS OPENH	EUR	1,7200	1,8100	1,6600	1690,0000	2	1,8100	1000				
Certificate	NL0012995781	INBEV 79.3TS OPENB	EUR	18,6800	21,4950	18,6800	934,0000	1	21,4950	50				
Certificate	NL0012894083	INBEV 81.4TS OPENH	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	NL0012894075	INBEV 83.4TS OPENH	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	NL0012994024	INBEV 84.2TS OPENB	EUR	26,8650	26,8650	26,8650			26,8650					
Certificate	NL0012890719	INBEV 87.3TS OPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0012984611	INBEV 89.2TS OPENB	EUR	32,2250	32,2250	32,2250			32,2250					
Certificate	NL0012595094	INBEV 91.3TS OPENH	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	NL0012580435	INBEV 93.3TS OPENH	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	NL0012580427	INBEV 95.2TS OPENH	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	NL0012539944	INBEV 98.2TS OPENH	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	NL0012583405	INBEV101.2TS OPENH	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000VL61MR9	INBEV101.6TS OPENV	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000CE6DKR5	INBEV101.6TS OPENZ	EUR											
Certificate	NL0012925994	INBEV103.4TS OPENH	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	NL0011421862	INBEV106.9TS OPENH	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	NL0012585129	INBEV107.1TS OPENH	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	NL0012592687	INBEV107.1TS OPENH	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	NL0011081377	INBEV108.6TS OPENB	EUR	53,1750	53,1750	53,1750			53,1750					
Certificate	NL0011041876	INBEV109.6TS OPENH	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0012048383	INBEV115.7TS OPENH	EUR	5,9600	5,9600	5,9600			5,9600					
Certificate	NL0011995162	INBEV121.1TS OPENH	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0011995154	INBEV126.8TS OPENH	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	NL0011995147	INBEV132.5TS OPENH	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	NL0012549034	INBEV139.7TS OPENH	EUR	8,5400	8,5400	8,5400			8,5400					
Certificate	NL0012559611	INBEV140.2TS OPENH	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	NL0012332027	INBEV141.3TS OPENH	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	NL0012332035	INBEV147.1TS OPENH	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	NL0012329445	INBEV155.8TS OPENH	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	DE000CJ3NUC7	INBEV45.96TL OPENZ	EUR	4,1500	4,1500	3,8100	5177,5000	2	3,8100	1350				
Certificate	DE000CV88D37	INBEV54.96TL OPENZ	EUR	2,3800	2,3800	1,9100	2779,6000	5	1,9100	1345				
Certificate	DE000CJ3N8C2	INBEV60.46TL OPENZ	EUR	1,3700	1,3700	0,8700	15776,0000	9	0,8700	14800				
Certificate	DE000VA71WA6	INBEV61.72TL OPENV	EUR	0,4180	0,4180	0,4180			0,4180					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71R08	INBEV62.72TL OPENV	EUR	0,3170	0,3170	0,3170			0,3170					
Certificate	DE000VA31LV2	INBEV63.94TL OPENV	EUR											
Certificate	NL0013004351	INBEV63.96BL OPENB	EUR	3,8200	3,8200	0,9300	19087,9000	18	0,9350	8965				
Certificate	DE000VA71R32	INBEV65.72TL OPENV	EUR											
Certificate	DE000VA6EFE2	INBEV66.63TL OPENV	EUR											
Certificate	NL0012995344	INBEV67.16BL OPENB	EUR											
Certificate	DE000VA8FTQ0	INBEV69.73TL OPENV	EUR											
Certificate	NL0012786669	INBEV70.52BL OPENB	EUR											
Certificate	DE000VA71R65	INBEV71.72TL OPENV	EUR											
Certificate	DE000VA8FTR8	INBEV71.73TL OPENV	EUR											
Certificate	DE000VA8FSN9	INBEV74.51TS OPENV	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	DE000VA71RX8	INBEV75.54TS OPENV	EUR	1,0330	1,0330	1,0330			1,0330					
Certificate	NL0013008899	INBEV76.21BS OPENB	EUR	12,7350	12,7350	12,7350			12,7350					
Certificate	DE000VA64ZF3	INBEV77.61TS OPENV	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000VA64XZ6	INBEV78.61TS OPENV	EUR	1,3270	1,3270	1,3270			1,3270					
Certificate	DE000VA6D716	INBEV79.76TS OPENV	EUR	1,4260	1,4260	1,4260			1,4260					
Certificate	NL0012995526	INBEV80.01BS OPENB	EUR	16,5450	16,5450	16,5450			16,5450					
Certificate	DE000CV8BE10	INBEV81.67TS OPENZ	EUR	3,2000	3,3200	3,1500	63999,0000	3	3,3200	20075				
Certificate	DE000VASRRX1	INBEV81.78TS OPENV	EUR	1,6240	1,6240	1,6240			1,6240					
Certificate	DE000VASRRY9	INBEV83.78TS OPENV	EUR	1,8230	1,8230	1,8230			1,8230					
Certificate	DE000VASRQND	INBEV85.79TS OPENV	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000VASRMD4	INBEV87.83TS OPENV	EUR	2,2180	2,2180	2,2180			2,2180					
Certificate	DE000VA1GMD6	INBEV89.02TS OPENV	EUR											
Certificate	DE000VA4YTS6	INBEV90.06TS OPENV	EUR	2,4170	2,4170	2,4170			2,4170					
Certificate	DE000CV8AUE3	INBEV91.64TS OPENZ	EUR											
Certificate	NL0012693477	INBEV92.58BS OPENB	EUR	29,1150	29,1150	29,1150			29,1150					
Certificate	DE000VL61MX7	INBEV95.56TS OPENV	EUR	2,6140	2,6140	2,6140			2,6140					
Certificate	DE000VL61MY5	INBEV97.56TS OPENV	EUR	2,8090	2,8090	2,8090			2,8090					
Certificate	DE000VL61M22	INBEV99.56TS OPENV	EUR	3,0050	3,0050	3,0050			3,0050					
Certificate	NL0000456465	INDIA PI OPENN	EUR	90,3000	92,0000	90,3000			92,0000					
Certificate	NL0000290302	INDIA PI OPENN	EUR	14,1000	14,3900	14,1000			14,3900					
Certificate	DE000CV87MS2	INDIT19.28TL OPENZ	EUR	1,0300	1,1100	1,0300			1,1100					
Certificate	DE000CN6JRC8	INDIT21.28TL OPENZ	EUR	0,6300	0,7100	0,6300			0,7100					
Certificate	DE000CV87ZQ7	INDIT23.27TL OPENZ	EUR	0,2400	0,3200	0,2400			0,3200					
Certificate	NL0012527964	INFIN 35TS OPENH	EUR	21,1700	21,1700	21,1700			21,1700					
Certificate	NL0011926860	INFIN 12.5TL OPENH	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	NL0012049316	INFIN 15.6TL OPENH	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	NL0012557763	INFIN 26.7TS OPENH	EUR	12,2600	12,2600	12,2600			12,2600					
Certificate	NL0012312979	INFIN 5.89TL OPENH	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	NL0012312961	INFIN 7.42TL OPENH	EUR	9,5200	9,5200	9,5200			9,5200					
Certificate	NL0012312953	INFIN 8.95TL OPENH	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	NL0011714183	INFIN10.73TL OPENH	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	NL0011714167	INFIN11.25TL OPENH	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	DE000CN6K2G8	INFIN11.55TL OPENZ	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0011896576	INFIN11.73TL OPENH	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	NL0011896568	INFIN11.99TL OPENH	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	NL0011896550	INFIN12.24TL OPENH	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	NL0011927827	INFIN12.76TL OPENH	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	NL0011927819	INFIN13.02TL OPENH	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	NL0011928742	INFIN13.28TL OPENH	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0011929377	INFIN13.54TL OPENH	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	NL0011934120	INFIN13.81TL OPENH	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	NL0011934336	INFIN14.06TL OPENH	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	NL0011975651	INFIN14.56TL OPENH	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000CD62KN7	INFIN14.63TL OPENZ	EUR	1,5300	1,8900	1,5300	622,6000	3	1,8900	360				
Certificate	NL0011993936	INFIN15.08TL OPENH	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	NL0012333801	INFIN15.32TL OPENH	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0011996319	INFIN15.55TL OPENH	EUR											
Certificate	NL0012314496	INFIN15.84TL OPENH	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	NL0011997523	INFIN16.05TL OPENH	EUR											
Certificate	NL0012055198	INFIN16.11TL OPENH	EUR											
Certificate	NL0012057558	INFIN16.61TL OPENH	EUR											
Certificate	DE000CD64G42	INFIN16.62TL OPENZ	EUR											
Certificate	NL0012197453	INFIN16.86TL OPENH	EUR											
Certificate	NL0012206882	INFIN17.12TL OPENH	EUR											
Certificate	NL0012206874	INFIN17.38TL OPENH	EUR											
Certificate	NL0013085145	INFIN18.83TL OPENH	EUR											
Certificate	NL0013079338	INFIN19.58TS OPENH	EUR											
Certificate	NL0012897953	INFIN21.08TS OPENH	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	NL0012938310	INFIN22.46TS OPENH	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	NL0012920904	INFIN23.37TS OPENH	EUR	8,5200	8,6800	8,5200	1704,0000	1	8,6800	200				
Certificate	NL0012919765	INFIN24.36TS OPENH	EUR	9,7400	9,7400	9,7400			9,7400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012917173	INFIN24.85TS OPENH	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	NL0012057533	INFIN25.56TS OPENH	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	NL0012093819	INFIN25.58TS OPENH	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	NL0012861298	INFIN26.25TS OPENH	EUR	11,7700	11,7700	11,7700			11,7700					
Certificate	NL0012542195	INFIN26.78TS OPENH	EUR	12,3400	12,3400	12,3400			12,3400					
Certificate	NL0012206825	INFIN27.15TS OPENH	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	NL0012312920	INFIN28.81TS OPENH	EUR	14,5200	14,5200	14,5200			14,5200					
Certificate	NL0012312912	INFIN30.26TS OPENH	EUR	16,0800	16,0800	16,0800			16,0800					
Certificate	NL0012519037	INFIN31.99TS OPENH	EUR	17,9400	17,9400	17,9400			17,9400					
Certificate	NL0012524995	INFIN32.04TS OPENH	EUR	18,0000	18,0000	18,0000			18,0000					
Certificate	NL0012546469	INFIN33.69TS OPENH	EUR	19,7600	19,7600	19,7600			19,7600					
Certificate	NL0012540595	INFIN35.08TS OPENH	EUR	21,2600	21,2600	21,2600			21,2600					
Certificate	NL0012561021	INFIN36.55TS OPENH	EUR	22,8300	22,8300	22,8300			22,8300					
Certificate	NL0012538110	INFIN37.99TS OPENH	EUR	24,3800	24,3800	24,3800			24,3800					
Certificate	DE000CV8AT14	INFOS 7.38TL OPENZ	EUR	0,3550	0,3750	0,3550			0,3750					
Certificate	DE000CJ3NKR6	INFOS 8.43TL OPENZ	EUR	0,0890	0,0950	0,0890			0,0950					
Certificate	DE000CE6BQM7	ING LEVOPENZ	EUR	11,6400	12,2350	11,6400			12,2350					
Certificate	DE000CE6BQC8	ING SHROPENZ	EUR	45,0000	45,0000	42,7700			42,7700					
Certificate	XS1365096327	ING STN0219B	EUR	108,4000	108,5000	108,4000			108,5000					
Certificate	XS1758704230	ING STN0221B	EUR	61,4500	62,7000	61,2000	4284,0000	1	62,7000	7000				
Certificate	XS1649307003	ING STN0720B	EUR											
Certificate	XS1536788042	ING STN1219B	EUR	78,9500	81,7000	78,9500	12902,0000	3	80,6000	16000				
Certificate	DE000VA8FUZ9	ING 9TL 0319V	EUR	1,3910	1,3910	1,3910			1,3910					
Certificate	DE000CX0KWW5	ING 9TL OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	LU1451815937	ING TCI 0133S	EUR											
Certificate	LU1859832260	ING 10TCIOPENS	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000VA7PSY7	ING 10TL 0319V	EUR	0,4360	0,4360	0,4360			0,4360					
Certificate	DE000VAGEAG8	ING 10TL 1218V	EUR	0,4230	0,4230	0,4230			0,4230					
Certificate	DE000CV8BEQ9	ING 10TL 1218Z	EUR	0,3250	0,4500	0,3000	985,0000	3	0,4300	2300				
Certificate	DE000CX0KYW1	ING 10TL OPENC	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CX59PR1	ING 10TL OPENC	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CX01QS9	ING 10TL OPENC	EUR											
Certificate	DE000CX59G60	ING 11TL OPENC	EUR											
Certificate	DE000CX59PS9	ING 11TL OPENC	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000VA8FR56	ING 11TS 0319V	EUR	0,7530	0,7530	0,7530			0,7530					
Certificate	DE000VA8FR64	ING 11TS 1218V	EUR	0,7410	0,7410	0,7410			0,7410					
Certificate	DE000VA7PSV3	ING 12TS 0319V	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	DE000VASRRU7	ING 12TS 1218V	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	DE000CJ3PE30	ING 12TS 1218Z	EUR	1,8050	1,8050	1,7100			1,7100					
Certificate	DE000CP062G7	ING 12TS OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CP060H9	ING 12TS OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	NL0012795579	ING 13BOC0619Z	EUR	10,2800	10,4200	10,2800			10,4200					
Certificate	DE000CY16AQ3	ING 13TL OPENC	EUR											
Certificate	DE000VASELT0	ING 13TS 1218V	EUR	2,7360	2,7360	2,7360			2,7360					
Certificate	DE000CP065G0	ING 13TS OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000CQ58E62	ING 13TS OPENC	EUR											
Certificate	DE000VA322P2	ING 14TS 1218V	EUR	3,7370	3,7370	3,7370			3,7370					
Certificate	DE000CQ582P4	ING 14TS OPENC	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	DE000CQ5AZ35	ING 14TS OPENC	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	DE000CQ5A7Q2	ING 15TS OPENC	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	NL0012648786	ING 16BON0619Z	EUR	9,8700	10,0100	9,8700			10,0100					
Certificate	DE000CY52YE4	ING 16TS OPENC	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000CY52QT8	ING 16TS OPENC	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	NL0012579072	ING 17TS OPENH	EUR	8,1300	8,1300	8,0100			8,0100					
Certificate	NL0012648315	ING 18BOC0619Z	EUR	9,8700	10,0100	9,8700			10,0100					
Certificate	DE000CY16F05	ING 18TS OPENC	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	DE000CY16WW5	ING 18TS OPENC	EUR											
Certificate	DE000CY16FU4	ING 18TS OPENC	EUR											
Certificate	NL0009900224	ING 2.3TL OPENB	EUR	8,2750	8,2750	8,2750			8,2750					
Certificate	NL0010174165	ING 2.5TL OPENB	EUR	8,0350	8,0350	8,0350			8,0350					
Certificate	NL0010175436	ING 2.9TL OPENB	EUR	7,7050	7,7050	7,7050			7,7050					
Certificate	NL0010175758	ING 3.3TL OPENB	EUR	7,3750	7,3750	7,3750			7,3750					
Certificate	NL0010378568	ING 3.7TL OPENB	EUR	6,9950	6,9950	6,9950			6,9950					
Certificate	NL0010380408	ING 4.4TL OPENB	EUR	6,3450	6,3450	6,3450			6,3450					
Certificate	NL0010441309	ING 4.8TL OPENB	EUR	5,9250	5,9250	5,9250			5,9250					
Certificate	NL0010442323	ING 5.3TL OPENB	EUR	5,4750	5,4750	5,4750			5,4750					
Certificate	NL0010445599	ING 5.9TL OPENB	EUR	4,9550	4,9550	4,9550			4,9550					
Certificate	NL0011051487	ING 6.4TL OPENH	EUR	4,2800	4,4000	4,2800			4,4000					
Certificate	NL0010515508	ING 6.5TL OPENB	EUR	4,4050	4,4050	4,4050			4,4050					
Certificate	NL0010153235	ING 6.6TL OPENA	EUR											
Certificate	NL0010887501	ING 6.6TL OPENB	EUR	4,1150	4,2550	4,1150			4,2550					
Certificate	NL0011051479	ING 6.8TL OPENH	EUR	3,9100	4,0300	3,9100			4,0300					



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	NL0011039474	ING 6.9TL OPENH	EUR	3,8100	3,9300	3,8100			3,9300					
Certificate	DE000CV8BEP1	ING 8.5TL 1218Z	EUR	1,8050	1,9100	1,8050			1,9100					
Certificate	DE000CX00369	ING 8.5TL OPENC	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000VA7TDW5	ING 9.5TL 0319V	EUR	0,8980	0,8980	0,8980			0,8980					
Certificate	DE000VA8FUY2	ING 9.5TL 1218V	EUR	0,8870	0,8870	0,8870			0,8870					
Certificate	DE000CV8APH6	ING 9.5TL 1218Z	EUR	0,8150	0,9200	0,8150			0,9200					
Certificate	DE000CX0KYV3	ING 9.5TL OPENC	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000CP065R7	ING 9.5TL OPENC	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CP065B1	ING 9.5TL OPENC	EUR	0,8100	0,9900	0,7800	760,6000	4	0,8800	855				
Certificate	DE000VA6D3A5	ING 10.1TL OPENV	EUR											
Certificate	DE000VA6D3C1	ING 10.3TL OPENV	EUR											
Certificate	DE000VA7PS24	ING 10.5TL 0319V	EUR											
Certificate	DE000VASRF59	ING 10.5TL 1218V	EUR											
Certificate	DE000CV8AU52	ING 10.5TL 1218Z	EUR											
Certificate	DE000CQ58KS5	ING 10.5TL OPENC	EUR											
Certificate	DE000CP065D7	ING 10.5TL OPENC	EUR											
Certificate	DE000CP065U1	ING 10.5TL OPENC	EUR											
Certificate	DE000VASRMN3	ING 10.5TL OPENV	EUR											
Certificate	DE000VA8FUW6	ING 10.5TS 0319V	EUR											
Certificate	DE000VA8FU10	ING 10.5TS 1218V	EUR											
Certificate	DE000VA641M0	ING 11.5TS 0319V	EUR	1,2430	1,2430	1,2430			1,2430					
Certificate	DE000VA7PS13	ING 11.5TS 1218V	EUR	1,2340	1,2340	1,2340			1,2340					
Certificate	DE000CP06PK3	ING 11.5TS OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CP06NW3	ING 11.5TS OPENC	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0012907117	ING 11.5TS OPENH	EUR	2,1900	2,1900	2,0700			2,0700					
Certificate	NL0013003247	ING 12.18OC0919B	EUR	10,5800	10,5800	10,5800			10,5800					
Certificate	NL0012796379	ING 12.18OC1219Z	EUR	10,2900	10,3900	10,2900			10,3900					
Certificate	NL0012796361	ING 12.28OC0919Z	EUR	10,2600	10,3500	10,2600			10,3500					
Certificate	LU1816972027	ING 12.3TPIOPENS	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000VA7PSW1	ING 12.5TS 0319V	EUR	2,2460	2,2460	2,2460			2,2460					
Certificate	DE000VASRDL6	ING 12.5TS 1218V	EUR	2,2360	2,2360	2,2360			2,2360					
Certificate	DE000CQ58KT3	ING 12.5TS OPENC	EUR											
Certificate	DE000CP065Z0	ING 12.5TS OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CQ58T73	ING 12.5TS OPENC	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000VA3THR5	ING 12.5TS OPENV	EUR											
Certificate	NL0012796619	ING 12.68OC1219Z	EUR	10,2200	10,3500	10,2200			10,3500					
Certificate	NL0012988752	ING 12.7TS OPENB	EUR	3,3650	3,3650	3,3650			3,3650					
Certificate	NL0012789564	ING 13.3BS OPENB	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	LU1790555038	ING 13.3TPIOPENS	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000VA3ZYX5	ING 13.5TS 1218V	EUR	3,2360	3,2360	3,2360			3,2360					
Certificate	DE000CV8AVR3	ING 13.5TS 1218Z	EUR	3,3050	3,3050	3,2000			3,2000					
Certificate	DE000CP06610	ING 13.5TS OPENC	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	DE000CQ58088	ING 13.5TS OPENC	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000CQ582N9	ING 13.5TS OPENC	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	NL0012976633	ING 13.68OC0619B	EUR	10,8700	10,8700	10,6200	88318,8000	2	10,6200	8205				
Certificate	NL0012795587	ING 13.68OC0919Z	EUR	10,0800	10,2200	10,0800			10,2200					
Certificate	DE000CV89713	ING 13.6TS OPENZ	EUR	3,8050	3,8050	3,7000			3,7000					
Certificate	DE000CQ5AWQ6	ING 14.5TS OPENC	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000CQ5APM9	ING 14.5TS OPENC	EUR											
Certificate	DE000CV8ABD5	ING 15.5TS 1218Z	EUR	5,3000	5,3000	5,2000			5,2000					
Certificate	DE000CY527Q7	ING 15.5TS OPENC	EUR											
Certificate	DE000CY52VM3	ING 15.5TS OPENC	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000CY52B11	ING 15.5TS OPENC	EUR											
Certificate	DE000CY52YF1	ING 15.5TS OPENC	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	NL0012236194	ING 16.58ON1218Z	EUR	10,1900	10,3300	10,1900			10,3300					
Certificate	DE000CY52QV4	ING 16.5TS OPENC	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	DE000CY52YD6	ING 16.5TS OPENC	EUR											
Certificate	NL0012579080	ING 16.5TS OPENH	EUR	7,6000	7,6000	7,4800			7,4800					
Certificate	NL0012649024	ING 16.68OC1218Z	EUR	10,1800	10,3200	10,1800			10,3200					
Certificate	NL0012649032	ING 16.98OC0619Z	EUR	9,8700	10,0000	9,8700			10,0000					
Certificate	NL0012494595	ING 17.58OC1218B	EUR	10,2100	10,4000	10,2100	5200,0000	1	10,3400	500				
Certificate	DE000CY51AH9	ING 17.5TS OPENC	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	NL0012676266	ING 17.98OC1218B	EUR	10,2200	10,3600	10,2200			10,3600					
Certificate	NL0011051529	ING 2.04TL OPENH	EUR	8,3500	8,4600	8,3500			8,4600					
Certificate	NL0011039508	ING 3.33TL OPENH	EUR	7,1400	7,2600	7,1400			7,2600					
Certificate	NL0011040241	ING 4.12TL OPENH	EUR	6,4000	6,5200	6,4000			6,5200					
Certificate	NL0011040233	ING 5.71TL OPENH	EUR	4,9200	5,0400	4,9200			5,0400					
Certificate	NL0011230487	ING 6.02TL OPENH	EUR	4,6400	4,7500	4,6400			4,7500					
Certificate	NL0013014780	ING 6.32BL OPENB	EUR	4,2050	4,2050	4,2050			4,2050					
Certificate	NL0011040225	ING 6.51TL OPENH	EUR	4,1800	4,3000	4,1800			4,3000					
Certificate	NL0013011356	ING 6.82BL OPENB	EUR	3,7050	3,7050	3,7050			3,7050					
Certificate	NL0011904982	ING 7.32BL OPENB	EUR	3,2050	3,2050	3,2050			3,2050					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011906516	ING 7.65TL OPENB	EUR	3,1000	3,2600	3,1000	9608,2000	2	3,2550	3070				
Certificate	NL0012996078	ING 8.16BL OPENB	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	NL0011914221	ING 8.16TL OPENB	EUR	2,8700	2,8750	2,7850	648,6200	1	2,7850					
Certificate	DE000CD624J2	ING 8.16TL OPENZ	EUR	2,3350	2,5900	2,3350	2545,0000	2	2,4400	1000				
Certificate	DE000CV883Q7	ING 8.37TL OPENZ	EUR	1,9150	2,0200	1,9150			2,0200					
Certificate	LU1840913054	ING 8.66TCIOPENS	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	NL0012579205	ING 8.67TL OPENH	EUR	2,1600	2,3200	2,1600	3480,0000	1	2,2800	1500				
Certificate	NL0011914874	ING 8.68TL OPENB	EUR	2,1600	2,4550	2,1500	5869,5000	3	2,3050	2450				
Certificate	NL0011914635	ING 8.95TL OPENB	EUR	1,9200	2,1700	1,9200	3802,0000	3	2,0550	1850				
Certificate	DE000CD62KB2	ING 9.18TL OPENZ	EUR	1,3450	1,6000	1,3450	714,7100	7	1,4500	478				
Certificate	NL0012020358	ING 9.44TL OPENB	EUR	1,5900	1,5900	1,5850	4770,0000	1	1,5850	3000				
Certificate	LU1840913138	ING 9.74TCIOPENS	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CP06555	ING 9.75TL OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CP065C9	ING 9.75TL OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0012023980	ING 9.96TL OPENB	EUR	0,9600	1,2500	0,9600	30530,0000	7	1,1050	29280				
Certificate	NL0012579197	ING 10.19TL OPENH	EUR											
Certificate	DE000CD63BK0	ING 10.21TL OPENZ	EUR											
Certificate	NL0012021844	ING 10.22BL OPENB	EUR											
Certificate	DE000CP065T3	ING 10.25TL OPENC	EUR											
Certificate	LU1784828748	ING 10.28TL OPENS	EUR											
Certificate	DE000CD638D5	ING 10.36TL OPENZ	EUR											
Certificate	NL0012027692	ING 10.48TL OPENB	EUR											
Certificate	DE000VA8FV19	ING 10.58TS OPENV	EUR	0,3220	0,3220	0,3220			0,3220					
Certificate	LU1859830561	ING 10.63TCIOPENS	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	LU1817129452	ING 10.64TCIOPENS	EUR											
Certificate	NL0013015662	ING 10.71TS OPENB	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	NL0013014236	ING 10.71TS OPENB	EUR											
Certificate	DE000VA8FR98	ING 10.78TS OPENV	EUR	0,5350	0,5350	0,3800	499,2500	3	0,5040	1100				
Certificate	NL0013013865	ING 10.82BS OPENB	EUR	0,7100	0,7150	0,6150	213,0000	1	0,6150	300				
Certificate	DE000VA8FSB4	ING 10.98TS OPENV	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	LU1841029355	ING 11.05TCIOPENS	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CJ3PFS9	ING 11.18TS OPENZ	EUR	0,9750	0,9750	0,8800			0,8800					
Certificate	DE000VA7TBC1	ING 11.19TS OPENV	EUR	0,8780	0,8780	0,8780			0,8780					
Certificate	NL0013005937	ING 11.21TS OPENB	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	DE000CP06U09	ING 11.25TS OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	NL0013006273	ING 11.31BS OPENB	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	DE000VA7PWS1	ING 11.39TS OPENV	EUR	1,0770	1,0770	1,0770			1,0770					
Certificate	DE000VN6ZCB5	ING 11.53TL OPENV	EUR											
Certificate	LU1840979402	ING 11.55TCIOPENS	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000VA7PPB1	ING 11.59TS OPENV	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	NL0013001951	ING 11.71TS OPENB	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	DE000CP065X5	ING 11.75TS OPENC	EUR											
Certificate	DE000CP065E5	ING 11.75TS OPENC	EUR											
Certificate	DE000CP06MF0	ING 11.75TS OPENC	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0012994883	ING 11.81BS OPENB	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	DE000VA6D4X5	ING 11.81TS OPENV	EUR	1,4740	1,4740	1,4740			1,4740					
Certificate	DE000VA6D294	ING 12.01TS OPENV	EUR	1,6730	1,6730	1,6730			1,6730					
Certificate	DE000CV8BC12	ING 12.07TS OPENZ	EUR	1,8550	1,8550	1,7500			1,7500					
Certificate	NL0012889091	ING 12.12TS OPENH	EUR	2,8600	2,8600	2,7400			2,7400					
Certificate	NL0012989149	ING 12.21TS OPENB	EUR	2,8250	2,8250	2,8250			2,8250					
Certificate	DE000VASRDK8	ING 12.22TS OPENV	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000CP065Y3	ING 12.25TS OPENC	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000CP060J5	ING 12.25TS OPENC	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	NL0012988943	ING 12.31BS OPENB	EUR	2,1050	2,1050	2,1050			2,1050					
Certificate	NL0013003304	ING 12.35BOC0719B	EUR	10,4100	10,4100	10,4100			10,4100					
Certificate	DE000VASRMK9	ING 12.42TS OPENV	EUR	2,0710	2,0710	2,0710			2,0710					
Certificate	DE000CV8BED7	ING 12.56TS OPENZ	EUR	2,7250	2,7250	2,6200			2,6200					
Certificate	NL0012938328	ING 12.61TS OPENH	EUR	3,4000	3,4000	3,2800			3,2800					
Certificate	NL0012796148	ING 12.65BON0919Z	EUR	10,2700	10,4000	10,2700			10,4000					
Certificate	NL0012796155	ING 12.65BON1219Z	EUR	10,1500	10,2800	10,1500			10,2800					
Certificate	DE000VASRCP9	ING 12.72TS OPENV	EUR	2,3670	2,3670	2,3670			2,3670					
Certificate	DE000CP06602	ING 12.75TS OPENC	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	DE000CP065F2	ING 12.75TS OPENC	EUR	2,5000	2,5000	2,2600	1724,3500	6	2,4600	704				
Certificate	NL0012988539	ING 12.81BS OPENB	EUR	2,5950	2,5950	2,5950			2,5950					
Certificate	DE000VASRML7	ING 13.02TS OPENV	EUR	2,6680	2,6680	2,6680			2,6680					
Certificate	DE000CV898L6	ING 13.07TS OPENZ	EUR	2,8550	2,8550	2,7300	887,2500	1	2,7500	325				
Certificate	NL0012935449	ING 13.32TS OPENH	EUR	4,1600	4,1600	4,0400			4,0400					
Certificate	DE000VASRMM5	ING 13.42TS OPENV	EUR	3,0660	3,0660	3,0660			3,0660					
Certificate	NL0012789234	ING 13.45TS OPENB	EUR	4,1750	4,1750	4,1750			4,1750					
Certificate	DE000VA15SW5	ING 13.53TS OPENV	EUR	2,8620	2,8620	2,8620			2,8620					
Certificate	LU1757001372	ING 13.62TCIOPENS	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	DE000CQ5AZ27	ING 13.75TS OPENC	EUR	3,1300	3,1300	3,1300			3,1300					



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	NL0012586630	ING 13.87TS OPENH	EUR	4,7500	4,7500	4,6300			4,6300					
Certificate	LU1756863715	ING 13.89TPIOPENS	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000VA15K61	ING 14.04TS OPENV	EUR	3,3540	3,3540	3,3540			3,3540					
Certificate	DE000CV881Y5	ING 14.07TS OPENZ	EUR	3,8450	3,8450	3,7400			3,7400					
Certificate	NL0012793046	ING 14.13BOC1218B	EUR	10,3500	10,3500	10,3500			10,3500					
Certificate	LU1784829399	ING 14.14TS OPENS	EUR											
Certificate	NL0012687313	ING 14.27BS OPENB	EUR	4,0650	4,0650	4,0650			4,0650					
Certificate	NL0012579122	ING 14.53TS OPENH	EUR	5,4600	5,4600	5,3500			5,3500					
Certificate	DE000CQ5A5H5	ING 14.75TS OPENC	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	NL0013000482	ING 14.77BS OPENB	EUR	4,5650	4,5650	4,5650			4,5650					
Certificate	NL0012579114	ING 15.03TS OPENH	EUR	6,0000	6,0000	5,8800			5,8800					
Certificate	DE000VL76NS3	ING 15.03TS OPENV	EUR	3,8460	3,8460	3,8460			3,8460					
Certificate	DE000CV505P8	ING 15.06TS OPENZ	EUR	4,8350	4,8350	4,7400			4,7400					
Certificate	DE000CQ5A0Z8	ING 15.25TS OPENC	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	NL0013000490	ING 15.27BS OPENB	EUR	5,0650	5,0650	5,0650			5,0650					
Certificate	LU1784829126	ING 15.42TS OPENS	EUR											
Certificate	NL0012579106	ING 15.52TS OPENH	EUR	6,5300	6,5300	6,4100			6,4100					
Certificate	DE000CV50657	ING 15.54TS OPENZ	EUR	5,7950	5,7950	5,6900			5,6900					
Certificate	DE000VL76J26	ING 15.55TS OPENV	EUR	4,3370	4,3370	4,3370			4,3370					
Certificate	DE000CY52VN1	ING 15.75TS OPENC	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000CY527R5	ING 15.75TS OPENC	EUR											
Certificate	DE000CY52BK9	ING 15.75TS OPENC	EUR											
Certificate	NL0012579098	ING 16.01TS OPENH	EUR	7,0600	7,0600	6,9400			6,9400					
Certificate	NL0011051388	ING 16.01TS OPENH	EUR	7,0500	7,0500	6,9400			6,9400					
Certificate	DE000CY52QU6	ING 16.25TS OPENC	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	NL0012264246	ING 16.74TS OPENB	EUR	7,7150	7,7150	7,7150			7,7150					
Certificate	NL0012579064	ING 17.49TS OPENH	EUR	8,6600	8,6600	8,5400			8,5400					
Certificate	DE000VL37FH4	ING 17.68TS OPENV	EUR	7,2450	7,2450	7,2450			7,2450					
Certificate	NL0012579056	ING 17.98TS OPENH	EUR	9,1900	9,1900	9,0700			9,0700					
Certificate	NL0011051370	ING 18.01TS OPENH	EUR	9,2100	9,2100	9,1000			9,1000					
Certificate	NL0012601819	ING 19.96TS OPENH	EUR	11,3200	11,3200	11,2000			11,2000					
Certificate	NL0012580971	ING 20.25TS OPENH	EUR	11,6400	11,6400	11,5200			11,5200					
Certificate	NL0012595151	ING 20.29TS OPENH	EUR	11,6900	11,6900	11,5700			11,5700					
Certificate	NL0012580963	ING 21.73TS OPENH	EUR	13,2300	13,2300	13,1100			13,1100					
Certificate	DE000CG29M52	ING 4.477TL OPENC	EUR											
Certificate	NL0011636469	ING 5.713BL OPENB	EUR	4,8150	4,8150	4,8150			4,8150					
Certificate	DE000CJ3PFR1	ING 6.461TL OPENZ	EUR	3,8150	3,9200	3,8150			3,9200					
Certificate	DE000CV89P65	ING 7.364TL OPENZ	EUR	2,9150	3,0200	2,9150			3,0200					
Certificate	DE000CF3A6C9	ING 7.419TL OPENC	EUR											
Certificate	DE000CF3A6U1	ING 7.675TL OPENC	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	NL0012993711	ING 8.663BL OPENB	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	DE000VA8FSC2	ING 8.723TL OPENV	EUR	1,6410	1,6410	1,6410			1,6410					
Certificate	DE000CJ3PEJ1	ING 8.873TL OPENZ	EUR	1,4150	1,5200	1,4150			1,5200					
Certificate	DE000VA71VH3	ING 8.923TL OPENV	EUR	1,4380	1,4380	1,4380			1,4380					
Certificate	NL0011914775	ING 9.165BL OPENB	EUR	1,2100	1,4150	1,2100	17724,5000	5	1,3550	14175				
Certificate	DE000VAGEAP9	ING 9.306TL OPENV	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CD62H01	ING 9.372TL OPENZ	EUR	0,9150	1,0500	0,9150	596,2500	3	1,0200	605				
Certificate	DE000VAGEAR5	ING 9.506TL OPENV	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012020606	ING 9.692BL OPENB	EUR	0,7000	0,9800	0,7000	4040,0000	6	0,8350	5100				
Certificate	DE000VAD64Y3	ING 9.704TL OPENV	EUR	0,6510	0,7750	0,6370	2266,5200	2	0,6370	3116				
Certificate	DE000CD62JC2	ING 9.872TL OPENZ	EUR	0,4250	0,6700	0,4250	3584,3400	12	0,5200	6067				
Certificate	DE000VAD6344	ING 9.903TL OPENV	EUR	0,4660	0,4660	0,4660			0,4660					
Certificate	NL0009557792	INTEL 13TL OPENB	EUR	28,3800	28,3800	28,3800			28,3800					
Certificate	NL0009626548	INTEL 14.8TL OPENB	EUR	26,9000	26,9000	26,9000			26,9000					
Certificate	NL0010379327	INTEL 19.1TL OPENB	EUR	23,4600	23,4600	23,4600			23,4600					
Certificate	NL0010610119	INTEL 21.7TL OPENB	EUR	21,4000	21,4000	21,4000			21,4000					
Certificate	NL0011902838	INTEL32.49BL OPENB	EUR	10,3300	10,3300	10,3300			10,3300					
Certificate	NL0013015365	INTER 11TL OPENB	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CE6E978	INTER 11.7TL OPENZ	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CJ3N625	INTER 9.12TL OPENZ	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CE6E2E0	INTER10.12TL OPENZ	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CE6BT86	INTER11.19TL OPENZ	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	NL0013009699	INTER12.01TL OPENB	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CD64DV1	INTER12.25TL OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	NL0012999312	INTER13.02TL OPENB	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000CE6FQG0	INTER13.31TL OPENZ	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0012999320	INTER14.02TL OPENB	EUR											
Certificate	NL0013011877	INTER14.96TS OPENB	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	NL0012999346	INTER16.96TS OPENB	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000CV88JB1	INTER17.06TS OPENZ	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CD64DW9	INTER18.93TS OPENZ	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0012999353	INTER18.97TS OPENB	EUR	1,4400	1,4400	1,4400			1,4400					



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	NL0012555916	INVEB 435.TS OPENH	EUR	10,2600	10,2600	9,7100			9,7100					
Certificate	NL0011410162	INVEB223.5TL OPENH	EUR	16,6500	17,3100	16,6500			17,3100					
Certificate	NL0011714290	INVEB242.5TL OPENH	EUR	14,9900	15,6400	14,9900			15,6400					
Certificate	NL0011892203	INVEB254.3TL OPENH	EUR	13,9700	14,6100	13,9700			14,6100					
Certificate	NL0011926878	INVEB264.8TL OPENH	EUR	13,0400	13,6900	13,0400			13,6900					
Certificate	NL0011929906	INVEB273.4TL OPENH	EUR	12,2900	12,9300	12,2900			12,9300					
Certificate	NL0011935598	INVEB283.7TL OPENH	EUR	11,3800	12,0200	11,3800			12,0200					
Certificate	NL0012048557	INVEB290.8TL OPENH	EUR	10,7600	11,4100	10,7600			11,4100					
Certificate	NL0012681829	INVEB291.58L OPENB	EUR											
Certificate	NL0011993969	INVEB295.5TL OPENH	EUR	10,3500	10,9900	10,3500			10,9900					
Certificate	NL0012049852	INVEB306.2TL OPENH	EUR	9,4200	10,0600	9,4200			10,0600					
Certificate	NL0012051379	INVEB316.4TL OPENH	EUR	8,5200	9,1600	8,5200			9,1600					
Certificate	NL0012698862	INVEB322.18L OPENB	EUR											
Certificate	NL0012053862	INVEB326.4TL OPENH	EUR	7,6500	8,2800	7,6500			8,2800					
Certificate	NL0012057582	INVEB335.8TL OPENH	EUR	6,8200	7,4500	6,8200			7,4500					
Certificate	NL0012565329	INVEB341.4TL OPENH	EUR	6,3300	6,9600	6,3300			6,9600					
Certificate	NL0012579213	INVEB351.4TL OPENH	EUR	5,4600	6,0900	5,4600			6,0900					
Certificate	NL0012689947	INVEB352.58L OPENB	EUR											
Certificate	NL0012929624	INVEB360.7TL OPENH	EUR	4,6400	5,2700	4,6400			5,2700					
Certificate	NL0012930812	INVEB366.6TL OPENH	EUR	4,1300	4,7500	4,1300			4,7500					
Certificate	NL0012930804	INVEB371.6TL OPENH	EUR	3,6900	4,3100	3,6900			4,3100					
Certificate	NL0013085384	INVEB379.5TL OPENH	EUR											
Certificate	NL0013083132	INVEB391.4TS OPENH	EUR											
Certificate	NL0013087380	INVEB391.4TS OPENH	EUR	5,6700	5,6700	5,1100			5,1100					
Certificate	NL0013081698	INVEB404.5TS OPENH	EUR	7,0300	7,0300	6,4700			6,4700					
Certificate	NL0012848071	INVEB422.5TS OPENH	EUR	8,9200	8,9200	8,3700			8,3700					
Certificate	NL0012057566	INVEB424.1TS OPENH	EUR	9,0900	9,0900	8,5400			8,5400					
Certificate	NL0012849400	INVEB424.5TS OPENH	EUR	9,1400	9,1400	8,5800			8,5800					
Certificate	NL0012700066	INVEB426.68S OPENB	EUR											
Certificate	NL0012202964	INVEB441.4TS OPENH	EUR	10,9500	10,9500	10,4000			10,4000					
Certificate	NL0012549513	INVEB463.1TS OPENH	EUR	13,2500	13,2500	12,7100			12,7100					
Certificate	NL0012210660	INVEB465.8TS OPENH	EUR	13,5500	13,5500	13,0000			13,0000					
Certificate	NL0012988067	INVEB466.38S OPENB	EUR											
Certificate	NL0012609689	INVEB487.5TS OPENH	EUR	15,8600	15,8600	15,3200			15,3200					
Certificate	NL0011813787	INXN 29.2TL OPENB	EUR	29,0350	29,0350	29,0350			29,0350					
Certificate	DE000CJ3NX70	ISPMI1.372TL OPENZ	EUR	0,5250	0,5850	0,5250			0,5850					
Certificate	DE000CJ3N096	ISPMI1.572TL OPENZ	EUR	0,3350	0,3950	0,3350			0,3950					
Certificate	DE000CE6CB77	ISPMI1.771TL OPENZ	EUR	0,1350	0,1950	0,1350			0,1950					
Certificate	NL0013079197	JDCOM 21TL OPENH	EUR	1,8300	2,1800	1,8300			2,1800					
Certificate	NL0012907679	JDCOM 22TL OPENH	EUR											
Certificate	NL0013087398	JDCOM 23TL OPENH	EUR											
Certificate	NL0012907893	JDCOM 25TS OPENH	EUR	4,1100	4,1100	3,7600			3,7600					
Certificate	NL0012907604	JDCOM 27TS OPENH	EUR	5,9700	5,9700	5,6300			5,6300					
Certificate	NL0012907588	JDCOM 30TS OPENH	EUR	8,7600	8,7600	8,4300			8,4300					
Certificate	DE000CJ3N1Q7	JDCOM 16.8TL OPENZ	EUR	0,5150	0,5550	0,5150			0,5550					
Certificate	DE000CJ3NVB7	JDCOM 18.8TL OPENZ	EUR	0,3550	0,3950	0,3550			0,3950					
Certificate	NL0013081722	JDCOM 21.6TL OPENH	EUR	1,3500	1,6900	1,3500			1,6900					
Certificate	NL0013082621	JDCOM 22.6TL OPENH	EUR											
Certificate	NL0013083157	JDCOM 23.2TL OPENH	EUR											
Certificate	NL0013083140	JDCOM 23.6TL OPENH	EUR											
Certificate	NL0013085392	JDCOM 23.8TS OPENH	EUR											
Certificate	NL0013086192	JDCOM 24.4TS OPENH	EUR	3,5600	3,5600	3,2100			3,2100					
Certificate	NL0012907885	JDCOM 25.4TS OPENH	EUR	4,4800	4,4800	4,1300			4,1300					
Certificate	NL0012907638	JDCOM 25.8TS OPENH	EUR	4,8500	4,8500	4,5100			4,5100					
Certificate	NL0012907620	JDCOM 26.2TS OPENH	EUR	5,2200	5,2200	4,8800			4,8800					
Certificate	NL0012907612	JDCOM 26.4TS OPENH	EUR	5,4100	5,4100	5,0700			5,0700					
Certificate	NL0012907596	JDCOM 27.6TS OPENH	EUR	6,5300	6,5300	6,1900			6,1900					
Certificate	NL0013005077	JDCOM19.658L OPENB	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	NL0012988892	JDCOM21.168L OPENB	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000CV889K7	JDCOM21.37TL OPENZ	EUR	0,1350	0,1850	0,1350	150,0000	1	0,1850	1000				
Certificate	NL0013010564	JDCOM22.658L OPENB	EUR											
Certificate	DE000CJ3PDK1	JDCOM23.37TL OPENZ	EUR											
Certificate	NL0013013576	JDCOM24.568S OPENB	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0012993877	JDCOM26.298L OPENB	EUR											
Certificate	DE000CV8A583	JDCOM26.54TL OPENZ	EUR											
Certificate	NL0013002215	JDCOM27.078S OPENB	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	NL0012995609	JDCOM29.588S OPENB	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	NL0012989735	JDCOM34.588S OPENB	EUR	11,5900	11,5900	11,5900			11,5900					
Certificate	NL0012771950	JDCOM47.078S OPENB	EUR	22,5800	22,5800	22,5800			22,5800					
Certificate	DE000CR9PZL9	JOHNS81.48TL OPENZ	EUR	4,8800	5,0300	4,8800			5,0300					
Certificate	DE000CR6XPQ9	JOHNS82.67TL OPENZ	EUR	4,9900	5,1300	4,9900			5,1300					
Certificate	JE00B297KF09	JPINTDE 200625	EUR	133,4200	133,4200	133,4200			133,4200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013014103	K S 14TL OPENB	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	NL0012024756	K S 17TL OPENB	EUR											
Certificate	NL0011647912	K S 12.6TL OPENB	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	NL0011534367	K S 15.3TL OPENB	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0012990212	K S 20.3TS OPENB	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0012793525	K S 24.4TS OPENB	EUR	11,1900	11,1900	11,1900			11,1900					
Certificate	DE000CJ3PAE0	K S 10.65TL OPENZ	EUR	5,4000	5,4200	5,4000			5,4200					
Certificate	DE000CJ3PHV9	K S 12.66TL OPENZ	EUR	3,4000	3,4200	3,4000			3,4200					
Certificate	DE000CN6JP34	K S 14.16TL OPENZ	EUR	1,9100	1,9400	1,9100			1,9400					
Certificate	DE000CN6HT40	K S 15.66TL OPENZ	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CD639M4	K S 17.13TL OPENZ	EUR											
Certificate	DE000CE6BQV8	KBC LEVOPENZ	EUR	41,7500	43,3550	41,7500	216,7000	1	43,3550		5			
Certificate	DE000CE6BQL9	KBC SHROPEZ	EUR	10,6600	10,6600	10,2850			10,2850					
Certificate	NL0010280178	KBC 16TL OPENB	EUR	45,6300	45,6300	45,6300			45,6300					
Certificate	DE000CX59GG3	KBC 45TL OPENC	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0011990924	KBC 49TL OPENH	EUR	1,7100	1,7900	1,7100			1,7900					
Certificate	DE000CX59GH1	KBC 50TL OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CX59A74	KBC 50TL OPENC	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0012196422	KBC 53TL OPENH	EUR	1,3600	1,4400	1,3600			1,4400					
Certificate	DE000CP060N7	KBC 55TL OPENC	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CX59KSO	KBC 55TL OPENC	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CX59Q27	KBC 55TL OPENC	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CP062K9	KBC 55TL OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CY16WY1	KBC 60TL OPENC	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CY50305	KBC 60TL OPENC	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	NL0012997027	KBC 61TL OPENB	EUR											
Certificate	DE000CQ5AWS2	KBC 65TL OPENC	EUR											
Certificate	DE000CP06WU8	KBC 68TS OPENC	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0012796163	KBC 70BON12192	EUR	60,3500	60,7900	60,3500			60,7900					
Certificate	DE000CQ58FG0	KBC 70TS OPENC	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CQ58E96	KBC 70TS OPENC	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	DE000CQ5AKE7	KBC 75TS OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	DE000CQ5AD07	KBC 75TS OPENC	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000CQ5A7V2	KBC 80TS OPENC	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CQ5AD15	KBC 80TS OPENC	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CQ58BV20	KBC 80TS OPENC	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000CY52QZ5	KBC 85TS OPENC	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000CY16WZ8	KBC 90TS OPENC	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	DE000CY51GZ8	KBC 90TS OPENC	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	DE000CQ5APQ0	KBC 90TS OPENC	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	NL0010046579	KBC 3.9TL OPENB	EUR											
Certificate	DE000CK6UX27	KBC 13.8TL OPENZ	EUR	46,7500	47,1950	46,7500			47,1950					
Certificate	NL0010284618	KBC 19.3TL OPENB	EUR	42,5700	42,5700	42,5700			42,5700					
Certificate	NL0011042296	KBC 24.3TL OPENH	EUR	3,8700	3,9500	3,8700			3,9500					
Certificate	NL0010517561	KBC 27.9TL OPENB	EUR	34,5900	34,5900	34,5900			34,5900					
Certificate	NL0011891346	KBC 31.3TL OPENH	EUR	3,2600	3,3400	3,2600			3,3400					
Certificate	NL0010903977	KBC 32.7TL OPENB	EUR	29,3300	29,3300	29,3300			29,3300					
Certificate	NL0010903985	KBC 35.4TL OPENB	EUR	26,8200	26,8200	26,8200			26,8200					
Certificate	NL0011928981	KBC 39.7TL OPENH	EUR	2,5300	2,6100	2,5300			2,6100					
Certificate	NL0011933957	KBC 40.2TL OPENH	EUR	2,4800	2,5600	2,4800			2,5600					
Certificate	NL0011934724	KBC 42.3TL OPENH	EUR	2,3000	2,3800	2,3000			2,3800					
Certificate	NL0011935606	KBC 42.8TL OPENH	EUR	2,2500	2,3300	2,2500			2,3300					
Certificate	NL0011970538	KBC 43.8TL OPENH	EUR	2,1600	2,2400	2,1600			2,2400					
Certificate	NL0011970520	KBC 44.9TL OPENH	EUR	2,0700	2,1500	2,0700			2,1500					
Certificate	NL0012021166	KBC 45.7TL OPENB	EUR											
Certificate	NL0011978952	KBC 45.9TL OPENH	EUR	1,9800	2,0600	1,9800			2,0600					
Certificate	NL0011978945	KBC 46.9TL OPENH	EUR	1,8900	1,9700	1,8900			1,9700					
Certificate	NL0011990361	KBC 47.9TL OPENH	EUR	1,8100	1,8900	1,8100			1,8900					
Certificate	NL0012894661	KBC 50.2TL OPENH	EUR	1,6100	1,6900	1,6100			1,6900					
Certificate	NL0011996996	KBC 51.1TL OPENH	EUR	1,5300	1,6100	1,5300			1,6100					
Certificate	NL0012029680	KBC 51.98L OPENB	EUR	9,0200	9,0200	8,9800	2706,0000	1	8,9800		300			
Certificate	NL0012115133	KBC 53.5TL OPENB	EUR											
Certificate	NL0011994058	KBC 54.2TL OPENH	EUR											
Certificate	NL0012365381	KBC 54.2TL OPENH	EUR	1,2600	1,3400	1,2600			1,3400					
Certificate	NL0012199665	KBC 55.2TL OPENH	EUR	1,1800	1,2600	1,1800			1,2600					
Certificate	NL0012116750	KBC 56.1TL OPENB	EUR											
Certificate	NL0012214530	KBC 56.2TL OPENH	EUR	1,0900	1,1700	1,0900			1,1700					
Certificate	NL0011997317	KBC 56.2TL OPENH	EUR											
Certificate	NL0012214522	KBC 57.2TL OPENH	EUR	1,0000	1,0800	1,0000			1,0800					
Certificate	NL0012214514	KBC 58.2TL OPENH	EUR	0,9100	0,9900	0,9100			0,9900					
Certificate	NL0012260095	KBC 58.6TL OPENB	EUR	5,8700	5,9700	5,7900	17700,0000	2	5,9700		3000			
Certificate	NL0012214506	KBC 59.2TL OPENH	EUR	0,8200	0,9000	0,8200			0,9000					



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	NL0012214498	KBC 60.3TL OPENH	EUR											
Certificate	NL0012899454	KBC 62.2TL OPENH	EUR											
Certificate	NL0013085400	KBC 66.2TS OPENH	EUR	1,8200	1,8200	1,7500			1,7500					
Certificate	NL0013011885	KBC 66.6TS OPENB	EUR											
Certificate	NL0012909626	KBC 69.3TS OPENH	EUR	2,1700	2,1700	2,1000			2,1000					
Certificate	NL0012793533	KBC 71.6TS OPENB	EUR											
Certificate	NL0012594980	KBC 72.9TS OPENH	EUR	2,6100	2,6100	2,5300			2,5300					
Certificate	NL0012847131	KBC 75.1TS OPENH	EUR	2,8600	2,8600	2,7900			2,7900					
Certificate	NL0012555940	KBC 76.4TS OPENH	EUR	3,0100	3,0100	2,9400			2,9400					
Certificate	NL0012555932	KBC 78.4TS OPENH	EUR	3,2400	3,2400	3,1700			3,1700					
Certificate	NL0011994009	KBC 81.1TS OPENH	EUR	3,5700	3,5700	3,4800	1740,0000	1	3,5000	500				
Certificate	NL0012676084	KBC 81.6TS OPENB	EUR											
Certificate	NL0012313001	KBC 90.3TS OPENH	EUR	4,6400	4,6400	4,5700			4,5700					
Certificate	NL0012312995	KBC 96.1TS OPENH	EUR	5,3200	5,3200	5,2500			5,2500					
Certificate	NL0012312987	KBC 101.9TS OPENH	EUR	6,0100	6,0100	5,9400			5,9400					
Certificate	NL0012520449	KBC 108.7TS OPENH	EUR	6,8000	6,8000	6,7300			6,7300					
Certificate	NL0012557862	KBC 115.7TS OPENH	EUR	7,6300	7,6300	7,5600			7,5600					
Certificate	DE000CZ79T69	KBC 28.62TL OPENZ	EUR	31,5300	31,9650	31,5300			31,9650					
Certificate	DE000CZ7DPG0	KBC 37.35TL OPENZ	EUR	22,8100	23,4400	22,8100	773,5200	1	23,2550	33				
Certificate	NL0011909072	KBC 41.34BL OPENB	EUR											
Certificate	DE000CV89BW2	KBC 42.93TL OPENZ	EUR	1,7250	1,7700	1,7250			1,7700					
Certificate	NL0011916838	KBC 43.99BL OPENB	EUR											
Certificate	DE000CD62ML7	KBC 44.45TL OPENZ	EUR	17,3000	17,7350	17,3000			17,7350					
Certificate	DE000CD62ME2	KBC 47.01TL OPENZ	EUR	13,1900	13,6400	13,1900	4774,0000	1	13,6200	350				
Certificate	NL0012024095	KBC 49.27BL OPENB	EUR	11,9500	11,9500	11,9100	2390,0000	1	11,9100	200				
Certificate	DE000CD63AN6	KBC 49.99TL OPENZ	EUR	10,2300	10,6650	10,2300			10,6650					
Certificate	DE000CD63Y66	KBC 52.69TL OPENZ	EUR	9,3700	9,8150	9,3700			9,8150					
Certificate	DE000CD63PQ7	KBC 52.97TL OPENZ	EUR	7,2900	7,7200	7,2900			7,7200					
Certificate	NL0012037030	KBC 54.52BL OPENB	EUR	6,3000	6,5000	6,3000	3989,0000	2	6,4600	630				
Certificate	DE000CE6BTQ2	KBC 55.95TL OPENZ	EUR	0,4350	0,4900	0,4350	122,5000	1	0,4800	250				
Certificate	NL0012116008	KBC 57.13BL OPENB	EUR	4,0100	4,0100	3,9700	10025,0000	1	3,9700	2500				
Certificate	DE000CE6CGD5	KBC 58.92TL OPENZ	EUR	0,1450	0,2600	0,1100	7450,0000	7	0,1900	39000				
Certificate	NL0012258933	KBC 59.72BL OPENB	EUR											
Certificate	DE000CE6CN73	KBC 60.96TL OPENZ	EUR											
Certificate	NL0012996847	KBC 62.22BL OPENB	EUR											
Certificate	DE000CJ3NJR8	KBC 62.87TL OPENZ	EUR											
Certificate	NL0013015019	KBC 63.75BS OPENB	EUR											
Certificate	NL0012793905	KBC 68.75BS OPENB	EUR											
Certificate	DE000CV898M4	KBC 70.22TS OPENZ	EUR	1,0450	1,0450	1,0100			1,0100					
Certificate	NL0012771174	KBC 73.67BS OPENB	EUR											
Certificate	DE000CV883R5	KBC 74.21TS OPENZ	EUR	1,4450	1,4450	1,4000			1,4000					
Certificate	DE000CE6E5Z8	KBC 78.17TS OPENZ	EUR	1,8350	1,8350	1,8000			1,8000					
Certificate	DE000CV885A6	KBC 82.17TS OPENZ	EUR	2,2350	2,2350	2,1900			2,1900					
Certificate	NL0012700090	KBC 83.41BS OPENB	EUR											
Certificate	DE000CV4ZMK3	KBC 86.16TS OPENZ	EUR	2,6350	2,6350	2,5900			2,5900					
Certificate	DE000CD62Z82	KBCA 23.47TL OPENZ	EUR	1,8050	1,8050	1,8050			1,8050					
Certificate	DE000CD62Z90	KBCA 25.94TL OPENZ	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000CD62ZA2	KBCA 28.42TL OPENZ	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	DE000CD63Z57	KBCA 33.06TL OPENZ	EUR	0,8000	0,8850	0,8000	1600,0000	1	0,8850	2000				
Certificate	NL0013014798	KBCA 35.16BL OPENB	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CD64C53	KBCA 36.15TL OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	NL0012996599	KBCA 37.16BL OPENB	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	NL0012992739	KBCA 39.16BL OPENB	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	DE000CE6CKW7	KBCA 39.25TL OPENZ	EUR	0,2850	0,2850	0,2850			0,2850					
Certificate	NL0012992747	KBCA 41.16BL OPENB	EUR											
Certificate	DE000CJ3NW55	KBCA 41.75TL OPENZ	EUR											
Certificate	NL0013015001	KBCA 43.26BS OPENB	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0012993018	KBCA 46.25BS OPENB	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CV89R89	KBCA 47.31TS OPENZ	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	NL0012993026	KBCA 49.24BS OPENB	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CV4ZZL3	KBCA 52.13TS OPENZ	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	DE000CV4Z5G9	KBCA 57.87TS OPENZ	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	DE000VL51258	KC1 LEVOPENV	EUR	0,0780	0,0780	0,0780			0,0780					
Certificate	NL0012779102	KER 351.7L OPENB	EUR	6,4300	6,4300	5,9800	2526,9900	1	5,9800	393				
Certificate	NL0013014244	KER 387.7S OPENB	EUR											
Certificate	NL0013010168	KER 407.7S OPENB	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	NL0013007990	KER 427.7S OPENB	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	NL0012026207	KER 173.2TL OPENB	EUR	23,7900	23,7900	23,7900			23,7900					
Certificate	NL0012261069	KER 239.2TL OPENB	EUR	17,1800	17,1800	17,1800			17,1800					
Certificate	NL0012261077	KER 248.7TL OPENB	EUR	16,2300	16,2300	16,2300			16,2300					
Certificate	NL0012265763	KER 258.1TL OPENB	EUR	15,2900	15,2900	15,2900			15,2900					
Certificate	NL0012272058	KER 267.3TL OPENB	EUR	14,3700	14,3700	14,3700			14,3700					



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	DE000CJ3N2X1	KER 269.2TL OPENZ	EUR	2,2500	2,2600	2,2500	2250,0000	1	2,2600	1000				
Certificate	NL0012493597	KER 285.8TL OPENB	EUR	12,5100	12,5100	12,5100			12,5100					
Certificate	NL0012500508	KER 313.8TL OPENB	EUR	9,7100	9,7100	9,7100			9,7100					
Certificate	DE000CV4YZ04	KER 314.5TL OPENZ	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	NL0012502991	KER 323.1TL OPENB	EUR	8,7800	8,7800	8,7800			8,7800					
Certificate	NL0012503007	KER 332.6TL OPENB	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	NL0013010895	KER 360.6TL OPENB	EUR											
Certificate	DE000CV88AK1	KER 364.1TL OPENZ	EUR											
Certificate	NL0013005945	KER 446.9TS OPENB	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	NL0013004955	KER 466.8TS OPENB	EUR	12,2100	12,2100	12,2100			12,2100					
Certificate	NL0012985493	KER 486.2TS OPENB	EUR	14,3100	14,3100	14,3100			14,3100					
Certificate	NL0013004278	KER 506.7TS OPENB	EUR	16,5200	16,5200	16,5200			16,5200					
Certificate	DE000CV8AYG0	KGF 1.806TL OPENZ	EUR	0,6900	0,7300	0,6900			0,7300					
Certificate	DE000CD64FX2	KGF 2.307TL OPENZ	EUR	0,1300	0,1700	0,1300			0,1700					
Certificate	DE000CE6D4V1	KIN 38.3TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	DE000CE6D3A7	KIN 42.6TL OPENZ	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	DE000CJ3PB82	KIN 46.1TL OPENZ	EUR											
Certificate	DE000CJ3NOE5	KIN 30.47TL OPENZ	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	DE000CE6D6E2	KIN 34.47TL OPENZ	EUR	1,2300	1,3550	1,2300	615,0000	1	1,3550	500				
Certificate	NL0013005085	KIN 39.18BL OPENB	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	NL0013004393	KIN 42.19BL OPENB	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	NL0012996607	KIN 45.18BL OPENB	EUR											
Certificate	NL0013005200	KIN 52.71BS OPENB	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0012993034	KIN 57.69BS OPENB	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	NL0012993042	KIN 62.67BS OPENB	EUR	1,8050	1,8050	1,8050			1,8050					
Certificate	NL00120131355	KLPIR 25.3TL OPENB	EUR	5,4800	5,8300	5,4800	19436,5000	11	5,8300	3530				
Certificate	NL0011818661	KLPIR 27.8TL OPENB	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	NL0011092424	KLPIR 38.4TS OPENB	EUR	12,8100	12,8100	12,2900			12,2900					
Certificate	DE000CV8B979	KLPIR19.79TL OPENZ	EUR	4,3550	4,7400	4,3550			4,7400					
Certificate	NL0013010572	KLPIR24.46BL OPENB	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	DE000CE6E8X7	KLPIR24.82TL OPENZ	EUR	1,8450	2,2300	1,8450			2,2300					
Certificate	NL0012994743	KLPIR25.96BL OPENB	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	NL0012979686	KLPIR27.47BL OPENB	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	DE000CN6H8K2	KLPIR28.32TL OPENZ	EUR	0,1150	0,4900	0,1150			0,4900					
Certificate	NL0013013493	KLPIR28.98BL OPENB	EUR											
Certificate	NL0013004765	KLPIR30.39BS OPENB	EUR	0,1550	0,1550	0,1550			0,1550					
Certificate	NL0012977839	KLPIR33.39BS OPENB	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	NL0012977847	KLPIR36.36BS OPENB	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	DE000CV89VP4	KNIN 101.3TL OPENZ	EUR	3,0250	3,3350	3,0250			3,3350					
Certificate	DE000CV508U2	KNIN 121.9TL OPENZ	EUR	1,2550	1,5650	1,2550			1,5650					
Certificate	XS1408340252	KPN STN0519B	EUR	78,9000	78,9000	77,5000			77,5000					
Certificate	DE000CQ5B0D4	KPN 2TL OPENC	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000CP06644	KPN 2TL OPENC	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000CQ5B2Q2	KPN 2TL OPENC	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CY52A13	KPN 3TL OPENC	EUR											
Certificate	DE000CY52BP8	KPN 3TL OPENC	EUR											
Certificate	DE000CQ5B0G7	KPN 3TS OPENC	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CQ5B2T6	KPN 3TS OPENC	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	NL0010154480	KPN 4TL OPENA	EUR											
Certificate	NL0010380127	KPN 0.6TL OPENB	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	NL0010439741	KPN 0.7TL OPENB	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	NL0010446142	KPN 1.1TL OPENB	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	DE000CP06WT0	KPN 1.5TL OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CP06628	KPN 1.7TL OPENC	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CP065H8	KPN 1.7TL OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	NL0011044581	KPN 1.7TL OPENH	EUR	0,9000	0,9000	0,8600			0,8600					
Certificate	DE000CP06636	KPN 1.8TL OPENC	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CP065J4	KPN 1.8TL OPENC	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	NL0011044573	KPN 1.8TL OPENH	EUR	0,8000	0,8000	0,7600			0,7600					
Certificate	DE000CP065K2	KPN 1.9TL OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CP065L0	KPN 2.1TL OPENC	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	DE000CP06651	KPN 2.1TL OPENC	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CJ3PE48	KPN 2.2TL 1218Z	EUR	0,1700	0,1750	0,1700	1062,5000	1	0,1750	6250				
Certificate	DE000CP065N6	KPN 2.4TS OPENC	EUR											
Certificate	NL0013003254	KPN 2.5B0C0919B	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CP062J1	KPN 2.5TS OPENC	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CQ5B799	KPN 2.5TS OPENC	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CP065P1	KPN 2.6TS OPENC	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000CP06685	KPN 2.6TS OPENC	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CP065Q9	KPN 2.7TS OPENC	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	NL0012649057	KPN 2.8B0C1218Z	EUR	2,7550	2,7550	2,7550			2,7550					
Certificate	NL0012648794	KPN 2.8B0N0619Z	EUR	2,5750	2,5750	2,5750			2,5750					



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	NL0012649073	KPN 2.98OC0619Z	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	NL0012649065	KPN 2.98OC1218Z	EUR	2,7450	2,7450	2,7450			2,7450					
Certificate	NL0012236236	KPN 3.18ON1218Z	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0012649081	KPN 3.38OC0619Z	EUR	2,6650	2,6650	2,6650			2,6650					
Certificate	NL0012648414	KPN 3.38OC1218Z	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0012648422	KPN 3.48OC0619Z	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	NL0012236285	KPN 3.48OC1218Z	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0010248548	KPN 4.2TS OPENB	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	NL0009809987	KPN 7.1TS OPENB	EUR	5,3550	5,3850	5,3550			5,3850					
Certificate	NL0010887550	KPN 1.26TL OPENB	EUR	1,2250	1,2250	1,1950			1,1950					
Certificate	NL0011044607	KPN 1.32TL OPENH	EUR	1,2900	1,2900	1,2500			1,2500					
Certificate	NL0010893657	KPN 1.59TL OPENB	EUR	0,9250	0,9250	0,8950			0,8950					
Certificate	DE000C27D080	KPN 1.69TL OPENZ	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	DE000CV882B1	KPN 1.75TL OPENZ	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	DE000C27E039	KPN 1.77TL OPENZ	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	NL0010923660	KPN 1.83TL OPENB	EUR	0,7000	0,7000	0,6650	2100,0000	1	0,6650	3000				
Certificate	DE000CV8ABK0	KPN 1.85TL 1218Z	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	NL0011044565	KPN 1.89TL OPENH	EUR	0,7000	0,7000	0,6600			0,6600					
Certificate	DE000CV881Q1	KPN 1.95TL OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	NL0011044557	KPN 1.99TL OPENH	EUR	0,6100	0,6100	0,5700			0,5700					
Certificate	LU1817100552	KPN 2.04TCIOPENS	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CV88CJ8	KPN 2.05TL 1218Z	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	NL0012893267	KPN 2.06TL OPENH	EUR	0,4800	0,4800	0,4500			0,4500					
Certificate	NL0010931887	KPN 2.12TL OPENB	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	DE000CV88CT7	KPN 2.17TL OPENZ	EUR	0,2850	0,2850	0,2850			0,2850					
Certificate	LU1859832427	KPN 2.19TCIOPENS	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	NL0013085418	KPN 2.34TL OPENH	EUR											
Certificate	NL0012888713	KPN 2.44TS OPENH	EUR	0,2500	0,2800	0,2500			0,2800					
Certificate	NL0012864755	KPN 2.54TS OPENH	EUR	0,3500	0,3900	0,3500			0,3900					
Certificate	NL0012936264	KPN 2.64TS OPENH	EUR	0,4600	0,4900	0,4600			0,4900					
Certificate	NL0012682991	KPN 2.67TS OPENB	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	NL0012864748	KPN 2.73TS OPENH	EUR	0,5700	0,6000	0,5700			0,6000					
Certificate	NL0012976641	KPN 2.758OC0619B	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CP06ZY3	KPN 2.75TS OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0011051180	KPN 2.95TS OPENH	EUR	0,8800	0,9200	0,8800			0,9200					
Certificate	NL0012369805	KPN 3.14TS OPENH	EUR	1,0100	1,0500	1,0100			1,0500					
Certificate	NL0012494603	KPN 3.258OC1218B	EUR	2,4100	2,4100	2,3800			2,3800					
Certificate	NL0012993729	KPN 1.435BL OPENB	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	DE000CV89BX0	KPN 1.483TL OPENZ	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	NL0012775076	KPN 1.585BL OPENB	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	NL0012684468	KPN 1.735BL OPENB	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	DE000CX59KQ4	KPN 1.862TL OPENC	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CR4GYN8	KPN 1.868TL OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	LU1719605922	KPN 1.873TCIOPENS	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	NL0012016182	KPN 1.888BL OPENB	EUR	0,5100	0,5250	0,5100	76,5000	1	0,5250	150				
Certificate	DE000VASRRB7	KPN 1.921TL OPENV	EUR											
Certificate	DE000CV50947	KPN 1.963TL OPENZ	EUR	0,4300	0,4300	0,3900	820,0000	2	0,4050	2000				
Certificate	DE000VASRRC5	KPN 2.021TL OPENV	EUR											
Certificate	NL0011443270	KPN 2.046BL OPENB	EUR	0,3300	0,3550	0,3300	1980,0000	1	0,3550	6000				
Certificate	DE000CR4H3S9	KPN 2.065TL OPENZ	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	DE000VASRRD3	KPN 2.121TL OPENV	EUR											
Certificate	DE000CV88C20	KPN 2.168TL OPENZ	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	NL0012998918	KPN 2.197BL OPENB	EUR	0,2100	0,2250	0,2100	1050,0000	1	0,2250	5000				
Certificate	DE000VAGED06	KPN 2.223TL OPENV	EUR											
Certificate	DE000CJ3PA42	KPN 2.271TL OPENZ	EUR	0,1200	0,1200	0,0950	108,0000	1	0,0950	900				
Certificate	DE000VA71W76	KPN 2.326TL OPENV	EUR											
Certificate	DE000CV88466	KPN 2.378TS OPENZ	EUR											
Certificate	DE000VA8FTZ1	KPN 2.418TS OPENV	EUR											
Certificate	DE000VASRRA9	KPN 2.527TS OPENV	EUR											
Certificate	DE000CV505Q6	KPN 2.578TS OPENZ	EUR	0,2350	0,2350	0,2350			0,2350					
Certificate	DE000VAGEDZ2	KPN 2.624TS OPENV	EUR											
Certificate	LU1719345917	KPN 2.685TCIOPENS	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0012681936	KPN 2.713BS OPENB	EUR	0,4100	0,4150	0,4100	549,4000	1	0,4150	1340				
Certificate	DE000VA71W68	KPN 2.719TS OPENV	EUR											
Certificate	DE000CV4Z2F5	KPN 2.825TS OPENZ	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	NL0012693766	KPN 2.911TS OPENB	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	LU1612244134	KPN 2.998TCIOPENS	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	NL0011443346	KPN 3.005BS OPENB	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	DE000CR9PEN0	KPN 3.073TS OPENZ	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	LU1612320686	KPN 3.186TCIOPENS	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CN6KQ63	KPN 3.419TS OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	NL0012269484	KPN 3.559BS OPENB	EUR	1,2550	1,2550	1,2550			1,2550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013009715	KVW 13.4TL OPENB	EUR	3,3750	3,3750	3,3750			3,3750					
Certificate	NL0012978472	KVW 15.3TL OPENB	EUR											
Certificate	NL0013010184	KVW 18.1TS OPENB	EUR	3,9050	3,9050	3,9050			3,9050					
Certificate	NL0012980031	KVW 20.1TS OPENB	EUR	6,0350	6,0350	6,0350			6,0350					
Certificate	NL0012978753	KVW 22.1TS OPENB	EUR	8,1750	8,1750	8,1750			8,1750					
Certificate	DE000CJ3N8Y6	KVW 9.76TL OPENZ	EUR	1,3350	1,3350	1,3350			1,3350					
Certificate	DE000CV8AZR4	KVW 10.76TL OPENZ	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000CV89SU0	KVW 11.87TL OPENZ	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	DE000CV89SV8	KVW 12.95TL OPENZ	EUR	0,7200	0,7550	0,7200	72,0000	1	0,7550	100				
Certificate	DE000CV89SW6	KVW 14.03TL OPENZ	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	DE000CE6DCF7	KVW 15.14TL OPENZ	EUR											
Certificate	DE000CJ3PAH3	LANXE37.39TL OPENZ	EUR	1,4300	1,5900	1,4300			1,5900					
Certificate	NL0011927900	LANXE38.73TL OPENH	EUR	1,5900	1,6900	1,5900			1,6900					
Certificate	DE000CD62MF9	LANXE45.42TL OPENZ	EUR	0,6400	0,8000	0,6400			0,8000					
Certificate	NL0011976055	LANXE46.95TL OPENH	EUR	0,8200	0,9200	0,8200			0,9200					
Certificate	NL0011977848	LANXE50.04TL OPENH	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CD634V6	LANXE53.36TL OPENZ	EUR											
Certificate	NL0011996491	LANXE54.15TL OPENH	EUR											
Certificate	NL0013079353	LANXE64.07TS OPENH	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	NL0012897979	LANXE67.53TS OPENH	EUR	2,0400	2,0400	1,9400			1,9400					
Certificate	NL0012894281	LANXE70.49TS OPENH	EUR	2,3600	2,3600	2,2600			2,2600					
Certificate	NL0012559843	LANXE72.33TS OPENH	EUR	2,5600	2,5600	2,4500			2,4500					
Certificate	NL0012581045	LANXE72.53TS OPENH	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	NL0012915631	LANXE78.26TS OPENH	EUR	3,1900	3,1900	3,0900			3,0900					
Certificate	NL0012581557	LANXE78.44TS OPENH	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012579920	LANXE80.18TS OPENH	EUR	3,4000	3,4000	3,3000			3,3000					
Certificate	NL0012057616	LANXE83.07TS OPENH	EUR	3,7100	3,7100	3,6100			3,6100					
Certificate	FR0013123726	LDAX1 LEVOPENS	EUR											
Certificate	DE000CV89NE5	LEGRD41.34TL OPENZ	EUR	1,3600	1,5700	1,3600			1,5700					
Certificate	DE000CV4YXL1	LEGRD51.34TL OPENZ	EUR	0,3700	0,5800	0,3700			0,5800					
Certificate	DE000CV88C46	LHN 26.23TL OPENZ	EUR											
Certificate	DE000CV87TW8	LHN 31.27TL OPENZ	EUR											
Certificate	DE000CV4YXK3	LHN 36.32TL OPENZ	EUR											
Certificate	DE000CV8AV77	LHNS 41.4TL OPENZ	EUR											
Certificate	DE000CJ3PFH2	LHNS 31.25TL OPENZ	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	DE000CV8AV69	LHNS 36.25TL OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000CP06WV6	LIGHT 14TL OPENC	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CP06WW4	LIGHT 16TL OPENC	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CP06ZZ0	LIGHT 16TL OPENC	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CP069H0	LIGHT 18TL OPENC	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CP06WX2	LIGHT 22TS OPENC	EUR											
Certificate	DE000CP07A02	LIGHT 22TS OPENC	EUR											
Certificate	DE000CQ5ASY8	LIGHT 23TL OPENC	EUR											
Certificate	DE000CP06PL1	LIGHT 25TS OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CP06NX1	LIGHT 25TS OPENC	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CP069J6	LIGHT 26TS OPENC	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CP06941	LIGHT 26TS OPENC	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CQ58KX5	LIGHT 18.TL OPENC	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CQ582U4	LIGHT 20.1TL OPENC	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	DE000CQ582W0	LIGHT 27.9TS OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CQ582X8	LIGHT 29.9TS OPENC	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0012690796	LIGHT 35.2TS OPENB	EUR	16,8300	16,8300	16,8300			16,8300					
Certificate	DE000CJ3N294	LIGHT13.14TL OPENZ	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CV88KN4	LIGHT16.16TL OPENZ	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CD611L5	LIGHT16.42TL OPENZ	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	NL0012025951	LIGHT16.73TL OPENB	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	LU1841120865	LIGHT17.37TCIOPENS	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	DE000CJ3N0A3	LIGHT17.66TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0013005101	LIGHT18.11BL OPENB	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	DE000CD611K7	LIGHT18.52TL OPENZ	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	NL0012026231	LIGHT18.79TL OPENB	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	NL0012976096	LIGHT19.12BL OPENB	EUR	1,9800	2,2800	1,9800	6240,0000	2	2,2800	3000				
Certificate	DE000CV89L93	LIGHT19.18TL OPENZ	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	LU1841120949	LIGHT19.54TCIOPENS	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0013010929	LIGHT19.76TL OPENB	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	DE000CQ580H5	LIGHT20.02TL OPENC	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	NL0012098909	LIGHT20.13BL OPENB	EUR	0,6000	1,2700	0,6000	1194,0000	4	1,2700	1290				
Certificate	LU1841121087	LIGHT20.62TCIOPENS	EUR											
Certificate	NL0013012222	LIGHT20.76TL OPENB	EUR											
Certificate	NL0013013345	LIGHT21.12BL OPENB	EUR											
Certificate	NL0013015746	LIGHT21.34TS OPENB	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	LU1859831296	LIGHT21.53TCIOPENS	EUR	0,9000	0,9000	0,9000			0,9000					



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	LU1841120279	LIGHT22.43TPIOPENS	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0013005226	LIGHT22.748S OPENB	EUR	2,0900	2,0900	1,7200	6038,0000	3	1,7200	3200				
Certificate	DE000CQ5AV05	LIGHT22.98TL OPENC	EUR											
Certificate	NL0013002561	LIGHT23.34TS OPENB	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000CJ3NOB1	LIGHT23.78TS OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	LU1841120352	LIGHT23.88TPIOPENS	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0013002231	LIGHT24.738S OPENB	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0013002579	LIGHT25.34TS OPENB	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	NL0012785539	LIGHT26.738S OPENB	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000CV88KP9	LIGHT26.78TS OPENZ	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0012786131	LIGHT27.33TS OPENB	EUR	8,3300	8,3300	8,3300			8,3300					
Certificate	DE000CQ5AWT0	LIGHT28.67TS OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	NL0012785547	LIGHT28.698S OPENB	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	DE000CV89NH8	LIGHT28.78TS OPENZ	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CQ580K9	LIGHT29.94TS OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CV4YYX4	LIGHT31.76TS OPENZ	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	DE000CQ5AV47	LIGHT33.63TS OPENC	EUR											
Certificate	NL0011935630	LIND1 125TL OPENH	EUR	10,2200	10,6300	10,2200			10,6300					
Certificate	NL0011225826	LIND1 99.8TL OPENH	EUR	12,5700	12,9900	12,5700			12,9900					
Certificate	NL0011934153	LIND1119.6TL OPENH	EUR	10,7300	11,1400	10,7300			11,1400					
Certificate	NL0011975156	LIND1135.4TL OPENH	EUR	9,2500	9,6700	9,2500			9,6700					
Certificate	NL0012209258	LIND1147.3TL OPENH	EUR	8,1300	8,5500	8,1300	83,9000	1	8,5500	10				
Certificate	DE000CJ3NP39	LIND1188.4TL OPENZ	EUR	2,9550	3,5050	2,9550			3,5050					
Certificate	DE000CN6GLP9	LINDE104.6TL OPENZ	EUR	11,3050	11,8550	11,3050			11,8550					
Certificate	DE000CN6K2H6	LINDE117.7TL OPENZ	EUR	9,9850	10,5450	9,9850			10,5450					
Certificate	DE000CD62LA2	LINDE132.6TL OPENZ	EUR	8,4950	9,0550	8,4950			9,0550					
Certificate	DE000CE6DD58	LINDE158.5TL OPENZ	EUR	5,9200	6,4700	5,9200			6,4700					
Certificate	DE000CV87RQ4	LISP 4089TL OPENZ	EUR	2,2700	2,2850	2,2700			2,2850					
Certificate	DE000CE6CBE4	LISP 4596TL OPENZ	EUR	1,8300	1,8350	1,8300			1,8350					
Certificate	DE000CE6E3M1	LISP 5191TL OPENZ	EUR	1,3000	1,3150	1,3000			1,3150					
Certificate	DE000CV88CY8	LISP 5686TL OPENZ	EUR	0,8700	0,8850	0,8700			0,8850					
Certificate	DE000CV89XL9	LISP 6180TL OPENZ	EUR	0,4400	0,4550	0,4400			0,4550					
Certificate	DE000CJ3NX21	LLOYD0.381TL OPENZ	EUR											
Certificate	DE000CN6J8W5	LLOYD0.438TL OPENZ	EUR											
Certificate	DE000CD625P6	LLOYD0.486TL OPENZ	EUR											
Certificate	DE000CD63Q25	LLOYD0.536TL OPENZ	EUR											
Certificate	DE000CR9SBA7	LMRTN208.6TL OPENZ	EUR	2,2700	2,2700	2,2000			2,2000					
Certificate	DE000CN6KY97	LMRTN229.2TL OPENZ	EUR	1,8200	1,8200	1,7500			1,7500					
Certificate	DE000CJ3N4Q1	LOGIT26.66TL OPENZ	EUR	1,5000	1,6800	1,5000			1,6800					
Certificate	DE000CJ3NU57	LOGIT31.16TL OPENZ	EUR	0,7400	0,9200	0,7400			0,9200					
Certificate	DE000CV8AV93	LOGIT36.14TL OPENZ	EUR											
Certificate	NL0011418132	LOREA 127.TL OPENH	EUR	7,1800	7,3700	7,1800			7,3700					
Certificate	DE000CR9QDV3	LOREA 129.TL OPENZ	EUR	6,0050	6,3250	6,0050			6,3250					
Certificate	NL0011800321	LOREA 148.TL OPENB	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	NL0012592844	LOREA 263.TS OPENH	EUR	9,4000	9,4000	9,2000			9,2000					
Certificate	NL0011418157	LOREA106.1TL OPENH	EUR	9,1300	9,3200	9,1300			9,3200					
Certificate	NL0011418140	LOREA116.5TL OPENH	EUR	8,1500	8,3500	8,1500			8,3500					
Certificate	NL0010913471	LOREA127.4TL OPENB	EUR	7,1450	7,4250	7,1450			7,4250					
Certificate	NL0011418124	LOREA137.5TL OPENH	EUR	6,2000	6,3900	6,2000			6,3900					
Certificate	DE000CR6YDJ8	LOREA144.9TL OPENZ	EUR	2,2050	2,3650	2,2050			2,3650					
Certificate	NL0011732300	LOREA154.7TL OPENH	EUR	4,6000	4,7900	4,6000			4,7900					
Certificate	NL0012179030	LOREA168.2TL OPENH	EUR	3,3500	3,5400	3,3500			3,5400					
Certificate	DE000CJ3NP47	LOREA174.9TL OPENZ	EUR	1,4550	1,7650	1,4550			1,7650					
Certificate	NL0012779847	LOREA178.2TL OPENB	EUR	2,6850	2,6850	2,6850			2,6850					
Certificate	NL0012610232	LOREA178.2TL OPENH	EUR	2,4100	2,6000	2,4100			2,6000					
Certificate	NL0013011893	LOREA190.4TS OPENB	EUR											
Certificate	NL0013007362	LOREA205.4TS OPENB	EUR	2,9250	2,9250	2,9250			2,9250					
Certificate	NL0011418058	LOREA214.7TS OPENH	EUR	4,1800	4,1800	3,9800			3,9800					
Certificate	NL0012786099	LOREA220.1TS OPENB	EUR	4,5150	4,5150	4,5150			4,5150					
Certificate	NL0012611693	LOREA224.6TS OPENH	EUR	5,2600	5,2600	5,0600			5,0600					
Certificate	NL0012792527	LOREA235.1TS OPENB	EUR	6,1350	6,1350	6,1350			6,1350					
Certificate	NL0012864862	LOREA244.9TS OPENH	EUR	7,4500	7,4500	7,2500			7,2500					
Certificate	NL0012556179	LOREA265.5TS OPENH	EUR	9,6800	9,6800	9,4800			9,4800					
Certificate	NL0012565451	LOREA267.3TS OPENH	EUR	9,8600	9,8600	9,6600			9,6600					
Certificate	NL0012586747	LOREA267.4TS OPENH	EUR	9,8700	9,8700	9,6700			9,6700					
Certificate	NL0012536759	LOREA292.9TS OPENH	EUR	12,6300	12,6300	12,4300			12,4300					
Certificate	NL0012526602	LOREA294.4TS OPENH	EUR	12,7900	12,7900	12,5900			12,5900					
Certificate	NL0012538458	LOREA294.4TS OPENH	EUR	12,8000	12,8000	12,6000			12,6000					
Certificate	NL0012546501	LOREA294.6TS OPENH	EUR	12,8100	12,8100	12,6100			12,6100					
Certificate	NL0012864854	LOREA324.3TS OPENH	EUR	16,0100	16,0100	15,8200			15,8200					
Certificate	NL0011989124	LUFTH 8.5TL OPENH	EUR	10,2600	10,7900	10,2600			10,7900					
Certificate	NL0012055891	LUFTH 10.5TL OPENH	EUR	8,3800	8,9200	8,3800			8,9200					



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	NL0012201859	LUFTH 13.3TL OPENH	EUR	5,7700	6,3000	5,7700			6,3000					
Certificate	DE000CE6C7Y9	LUFTH 14.2TL OPENZ	EUR	1,9900	2,2850	1,9900			2,2850					
Certificate	NL0012565360	LUFTH 29.7TS OPENH	EUR	13,7000	13,7000	13,2100			13,2100					
Certificate	NL0012529184	LUFTH 32.3TS OPENH	EUR	16,4900	16,4900	16,0000			16,0000					
Certificate	NL0012536643	LUFTH 34.3TS OPENH	EUR	18,6400	18,6400	18,1400			18,1400					
Certificate	NL0011054234	LUFTH 4.59TL OPENH	EUR	13,9100	14,4400	13,9100			14,4400					
Certificate	NL0011054226	LUFTH 6.71TL OPENH	EUR	11,9300	12,4600	11,9300			12,4600					
Certificate	NL0011054218	LUFTH 7.77TL OPENH	EUR	10,9400	11,4700	10,9400			11,4700					
Certificate	NL0011992359	LUFTH 9.99TL OPENH	EUR	8,8600	9,3900	8,8600			9,3900					
Certificate	DE000CD63C96	LUFTH10.51TL OPENZ	EUR	3,8200	4,1250	3,8200			4,1250					
Certificate	NL0012175426	LUFTH11.77TL OPENH	EUR	7,2000	7,7300	7,2000			7,7300					
Certificate	NL0012196430	LUFTH12.28TL OPENH	EUR	6,7300	7,2600	6,7300			7,2600					
Certificate	NL0012212047	LUFTH14.32TL OPENH	EUR	4,8100	5,3400	4,8100			5,3400					
Certificate	NL0013014459	LUFTH14.94TL OPENB	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	NL0012243315	LUFTH15.35TL OPENH	EUR	3,8500	4,3800	3,8500			4,3800					
Certificate	DE000CJ3N443	LUFTH15.72TL OPENZ	EUR	1,2400	1,5350	1,2400			1,5350					
Certificate	NL0012307011	LUFTH16.36TL OPENH	EUR	2,9100	3,4400	2,9100			3,4400					
Certificate	NL0013005804	LUFTH16.45TL OPENB	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	NL0012311021	LUFTH16.88TL OPENH	EUR	2,4200	2,9500	2,4200			2,9500					
Certificate	DE000CV89N00	LUFTH17.23TL OPENZ	EUR	0,5000	0,7950	0,5000			0,7950					
Certificate	NL0012370803	LUFTH17.37TL OPENH	EUR	1,9600	2,4900	1,9600			2,4900					
Certificate	NL0012374219	LUFTH17.89TL OPENH	EUR											
Certificate	NL0012975502	LUFTH17.96TL OPENB	EUR											
Certificate	NL0013010077	LUFTH19.86TS OPENB	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	NL0012907687	LUFTH20.82TS OPENH	EUR	4,1700	4,1700	3,6700			3,6700					
Certificate	NL0012904916	LUFTH22.36TS OPENH	EUR	5,8200	5,8200	5,3200			5,3200					
Certificate	NL0013002520	LUFTH22.84TS OPENB	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	NL0012934731	LUFTH24.24TS OPENH	EUR	7,8300	7,8300	7,3400			7,3400					
Certificate	NL0012909659	LUFTH25.08TS OPENH	EUR	8,7400	8,7400	8,2500			8,2500					
Certificate	NL0012611107	LUFTH25.48TS OPENH	EUR	9,1600	9,1600	8,6700			8,6700					
Certificate	NL0012610190	LUFTH25.48TS OPENH	EUR	9,1700	9,1700	8,6700			8,6700					
Certificate	NL0012785125	LUFTH25.82TS OPENB	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	NL0012849434	LUFTH26.04TS OPENH	EUR	9,7700	9,7700	9,2700			9,2700					
Certificate	NL0012596225	LUFTH26.37TS OPENH	EUR	10,1200	10,1200	9,6200			9,6200					
Certificate	NL0012861439	LUFTH27.02TS OPENH	EUR	10,8200	10,8200	10,3200			10,3200					
Certificate	NL0012581029	LUFTH27.27TS OPENH	EUR	11,0900	11,0900	10,5900			10,5900					
Certificate	NL0012581011	LUFTH28.25TS OPENH	EUR	12,1400	12,1400	11,6500			11,6500					
Certificate	NL0012558282	LUFTH28.65TS OPENH	EUR	12,5700	12,5700	12,0800			12,0800					
Certificate	NL0012685697	LUFTH28.77TS OPENB	EUR	12,2500	12,2500	12,2500			12,2500					
Certificate	NL0012525927	LUFTH30.32TS OPENH	EUR	14,3700	14,3700	13,8700			13,8700					
Certificate	NL0012542047	LUFTH31.41TS OPENH	EUR	15,5300	15,5300	15,0300			15,0300					
Certificate	NL0012543904	LUFTH36.32TS OPENH	EUR	20,8100	20,8100	20,3100			20,3100					
Certificate	DE000CR9RR14	LUFTH7.776TL OPENZ	EUR	5,1900	5,4800	5,1900			5,4800					
Certificate	DE000CR9PZJ3	LUFTH8.892TL OPENZ	EUR	4,6300	4,9250	4,6300			4,9250					
Certificate	NL0010903365	LUXOT 22TL OPENB	EUR	36,2100	36,2100	36,2100			36,2100					
Certificate	NL0010903373	LUXOT 29TL OPENB	EUR	29,8100	29,8100	29,8100			29,8100					
Certificate	DE000CV8A5U5	LUXOT40.47TL OPENZ	EUR	1,4800	1,5100	1,4800			1,5100					
Certificate	DE000CV8A5V3	LUXOT45.47TL OPENZ	EUR	0,9800	1,0200	0,9800			1,0200					
Certificate	DE000CV8A5W1	LUXOT50.47TL OPENZ	EUR	0,4900	0,5200	0,4900			0,5200					
Certificate	DE000CX59Q50	LVMH 160TL OPENC	EUR	10,9700	10,9700	10,9700			10,9700					
Certificate	DE000CX59KT8	LVMH 160TL OPENC	EUR	10,3200	10,3200	10,3200			10,3200					
Certificate	DE000CX59VC1	LVMH 170TL OPENC	EUR	10,0000	10,0000	10,0000			10,0000					
Certificate	DE000CX59UF6	LVMH 170TL OPENC	EUR	9,1700	9,1700	9,1700			9,1700					
Certificate	DE000CY0AUK4	LVMH 170TL OPENC	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	DE000CY0AZG1	LVMH 180TL OPENC	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	DE000CY0ATL4	LVMH 180TL OPENC	EUR	8,1800	8,1800	8,1800			8,1800					
Certificate	DE000CY50H00	LVMH 200TL OPENC	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	DE000CY500W2	LVMH 200TL OPENC	EUR	6,1300	6,1300	6,1300			6,1300					
Certificate	DE000CY50H18	LVMH 210TL OPENC	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	DE000CY50727	LVMH 210TL OPENC	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	DE000CY51AL1	LVMH 220TL OPENC	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	DE000CY524Q4	LVMH 230TL OPENC	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	NL0012581037	LVMH 232TL OPENH	EUR	4,2900	4,8700	4,2900			4,8700					
Certificate	DE000CQ5AFQ1	LVMH 240TL OPENC	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000CQ5AHL8	LVMH 250TL OPENC	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CQ5AV62	LVMH 260TL OPENC	EUR											
Certificate	DE000CQ5APW8	LVMH 270TL OPENC	EUR											
Certificate	DE000CQ5AWU8	LVMH 280TL OPENC	EUR											
Certificate	DE000CQ5AAW6	LVMH 310TS OPENC	EUR											
Certificate	DE000CQ5BEB4	LVMH 320TS OPENC	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	DE000CQ5APX6	LVMH 340TS OPENC	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	NL0012313167	LVMH 325.TS OPENH	EUR	9,2000	9,2000	8,6200			8,6200					



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	NL0012526206	LVMH 371.TS OPENH	EUR	14,1700	14,1700	13,5800			13,5800					
Certificate	NL0012539308	LVMH 372.TS OPENH	EUR	14,2700	14,2700	13,6900			13,6900					
Certificate	NL0009992189	LVMH 77.4TL OPENB	EUR	21,4350	21,4350	21,4350			21,4350					
Certificate	NL0011415500	LVMH 106.3TL OPENH	EUR	16,0000	16,5800	16,0000			16,0000					
Certificate	NL0010918751	LVMH 118.8TL OPENB	EUR	14,8450	15,4650	14,8450			15,4650					
Certificate	NL0011415484	LVMH 122.1TL OPENH	EUR	14,5400	15,1100	14,5400			15,1100					
Certificate	NL0011931258	LVMH 135.1TL OPENH	EUR	13,3300	13,9000	13,3300			13,9000					
Certificate	NL0011979372	LVMH 147.6TL OPENH	EUR	12,1600	12,7300	12,1600			12,7300					
Certificate	NL0012022503	LVMH 149.7TL OPENB	EUR	12,5850	12,5850	12,5850			12,5850					
Certificate	NL0012212054	LVMH 159.1TL OPENH	EUR	11,0900	11,6600	11,0900			11,6600					
Certificate	NL0012054472	LVMH 172.9TL OPENH	EUR	9,8000	10,3800	9,8000			10,3800					
Certificate	NL0012051767	LVMH 173.4TL OPENH	EUR	9,7500	10,3300	9,7500			10,3300					
Certificate	DE000CD64D52	LVMH 177.2TL OPENZ	EUR	80,5400	88,1350	80,5400			88,1350					
Certificate	NL0012199301	LVMH 186.3TL OPENH	EUR	8,5500	9,1300	8,5500			9,1300					
Certificate	NL0012209266	LVMH 196.3TL OPENH	EUR	7,6300	8,2000	7,6300			8,2000					
Certificate	DE000CE6CC76	LVMH 199.1TL OPENZ	EUR	2,9400	3,3200	2,9400			3,3200					
Certificate	NL0012122881	LVMH 200.7TL OPENB	EUR	7,8350	7,8350	7,8350			7,8350					
Certificate	NL0012365811	LVMH 208.2TL OPENH	EUR	6,5100	7,0900	6,5100			7,0900					
Certificate	NL0012239347	LVMH 210.2TL OPENH	EUR	6,3300	6,9000	6,3300			6,9000					
Certificate	NL0012557912	LVMH 222.8TL OPENH	EUR	5,1500	5,7300	5,1500			5,7300					
Certificate	DE000CE6F1W3	LVMH 224.9TL OPENZ	EUR	1,6600	2,0300	1,6600			2,0300					
Certificate	NL0012500524	LVMH 230.8TL OPENB	EUR	5,0450	5,0450	5,0450			5,0450					
Certificate	DE000CV888L7	LVMH 244.8TL OPENZ	EUR	0,6800	1,0600	0,6800	37,0000	1	1,0600	50				
Certificate	NL0012602775	LVMH 253.5TL OPENH	EUR	2,3000	2,8700	2,3000			2,8700					
Certificate	NL0012313159	LVMH 344.4TS OPENH	EUR	11,2900	11,2900	10,7100			10,7100					
Certificate	NL0012545669	LVMH 364.9TS OPENH	EUR	13,5100	13,5100	12,9200			12,9200					
Certificate	NL0012601843	LVMH 396.6TS OPENH	EUR	16,9300	16,9300	16,3500			16,3500					
Certificate	NL0012604722	LVMH 436.3TS OPENH	EUR	21,2100	21,2100	20,6300			20,6300					
Certificate	NL0012606396	LVMH 436.6TS OPENH	EUR	21,2500	21,2500	20,6600			20,6600					
Certificate	NL0012608053	LVMH 438.2TS OPENH	EUR	21,4200	21,4200	20,8400			20,8400					
Certificate	NL0012901144	LVMH 462.8TS OPENH	EUR	24,0800	24,0800	23,4900			23,4900					
Certificate	NL0012864813	LVMH 475.7TS OPENH	EUR	25,4800	25,4800	24,8900			24,8900					
Certificate	NL0012313175	LVMH 77.42TL OPENH	EUR	18,6900	19,2700	18,6900			19,2700					
Certificate	DE000CK1CMU0	LVMH 98.97TL OPENZ	EUR	161,3300	168,9450	161,3300			168,9450					
Certificate	DE000CV89MM0	MAERS 5931TL OPENZ	EUR	3,3650	3,5300	3,3650			3,5300					
Certificate	DE000CV89V18	MAERS 5887TL OPENZ	EUR	2,7050	2,8700	2,7050			2,8700					
Certificate	DE000CV87UE4	MAERS 6394TL OPENZ	EUR	2,0350	2,2000	2,0350			2,2000					
Certificate	DE000CV89Q98	MAERS 6887TL OPENZ	EUR	1,3850	1,5500	1,3850			1,5500					
Certificate	DE000CV87RP6	MAERS 7394TL OPENZ	EUR	0,7150	0,8800	0,7150	4000,0000	1	0,8800	5000				
Certificate	DE000CD63EB3	MASTE109.8TL OPENZ	EUR	7,5000	8,1000	7,5000			8,1000					
Certificate	DE000CR6YBA1	MASTE88.34TL OPENZ	EUR	9,3800	9,9900	9,3800			9,9900					
Certificate	NL0011445705	MCDON 103TL OPENB	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	NL0010248456	MCDON 58.1TL OPENB	EUR	10,7500	10,7500	10,7500			10,7500					
Certificate	NL0012774434	MCDON176.3TS OPENB	EUR											
Certificate	NL0013002538	MCDON186.3TS OPENB	EUR	2,1500	2,1950	2,1500	64,5000	1	2,1950	30				
Certificate	DE000CR9RWR9	MDAX 17054TL OPENZ	EUR	6,1000	6,6600	6,1000			6,6600					
Certificate	DE000CR9PS49	MDAX 18313TL OPENZ	EUR	4,8550	5,4150	4,8550			5,4150					
Certificate	DE000CN6JST0	MDAX 19570TL OPENZ	EUR	3,5950	4,1550	3,5950			4,1550					
Certificate	DE000CD626E8	MDAX 20797TL OPENZ	EUR	2,3750	2,9350	2,3750			2,9350					
Certificate	DE000CD64144	MDAX 22003TL OPENZ	EUR	1,1750	1,7350	1,1750			1,7350					
Certificate	DE000CD64FS2	MDAX 23208TL OPENZ	EUR											
Certificate	DE000CJ3NZY0	MDAX 26617TS OPENZ	EUR	3,6350	3,6350	3,0750			3,0750					
Certificate	DE000CE6CGY1	MDAX 28597TS OPENZ	EUR	5,6100	5,6100	5,0500			5,0500					
Certificate	DE000CE6DNE7	MDAX 30080TS OPENZ	EUR	7,0900	7,0900	6,5300			6,5300					
Certificate	DE000CE6FAF6	MDAX 31580TS OPENZ	EUR	8,5900	8,5900	8,0300			8,0300					
Certificate	DE000CV88X33	MDAX 35576TS OPENZ	EUR	12,5900	12,5900	12,0300			12,0300					
Certificate	DE000CV8AT48	MEDTR62.14TL OPENZ	EUR	2,7550	2,7650	2,7550			2,7650					
Certificate	DE000CV8AT55	MEDTR72.51TL OPENZ	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	DE000CV8AT63	MEDTR82.88TL OPENZ	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	DE000CJ3NR03	MEDTR92.86TL OPENZ	EUR											
Certificate	NL0012370860	MERCK 47TL OPENH	EUR	4,4800	4,4800	4,4200			4,4200					
Certificate	NL0012586671	MERCK 51TL OPENH	EUR	4,1000	4,1000	4,0500			4,0500					
Certificate	NL0012370845	MERCK 99TS OPENH	EUR	1,7700	1,8400	1,7700			1,8400					
Certificate	NL0011054481	MERCK 122TS OPENH	EUR	4,2400	4,3100	4,2400			4,3100					
Certificate	NL0012370886	MERCK 30.7TL OPENH	EUR	6,0000	6,0000	5,9500			5,9500					
Certificate	NL0012370878	MERCK 38.9TL OPENH	EUR	5,2400	5,2400	5,1900			5,1900					
Certificate	NL0012565394	MERCK 55.5TL OPENH	EUR	3,6800	3,6800	3,6300			3,6300					
Certificate	NL0011416508	MERCK 63.1TL OPENH	EUR	2,9500	2,9500	2,9100			2,9100					
Certificate	NL0011416490	MERCK 67.3TL OPENH	EUR	2,5700	2,5700	2,5200			2,5200					
Certificate	NL0011729090	MERCK 71.5TL OPENH	EUR	2,1800	2,1800	2,1300			2,1300					
Certificate	NL0012601017	MERCK 75.1TL OPENH	EUR	1,8500	1,8500	1,7900			1,7900					
Certificate	NL0012606701	MERCK 79.2TL OPENH	EUR	1,4700	1,4700	1,4100			1,4100					



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	NL0012929426	MERCK 83.1TL OPENH	EUR	1,1000	1,1000	1,0400			1,0400					
Certificate	NL0012558290	MERCK 92.7TS OPENH	EUR											
Certificate	NL0012370837	MERCK106.8TS OPENH	EUR	2,6100	2,6700	2,6100				2,6700				
Certificate	NL0011729066	MERCK116.9TS OPENH	EUR	3,6900	3,7600	3,6900				3,7600				
Certificate	NL0012539316	MERCK131.6TS OPENH	EUR	5,2700	5,3300	5,2700				5,3300				
Certificate	NL0011737192	MERCK132.4TS OPENH	EUR	5,3600	5,4200	5,3600				5,4200				
Certificate	NL0012556021	MERCK139.8TS OPENH	EUR	6,1500	6,2200	6,1500				6,2200				
Certificate	NL0011929948	MERCK140.6TS OPENH	EUR	6,2400	6,3100	6,2400				6,3100				
Certificate	DE000CN6JH67	MERCK61.05TL OPENZ	EUR	2,8150	2,8150	2,7000				2,7000				
Certificate	DE000CR9RR48	MERCK68.33TL OPENZ	EUR	2,0850	2,0850	1,9800				1,9800				
Certificate	DE000CV88P25	MERCK78.27TL OPENZ	EUR	1,1050	1,1050	0,8800	176,0000	2	0,9900	200				
Certificate	NL0000290534	MEXIC PI OPENN	EUR	13,7700	13,7700	13,7700				13,7700				
Certificate	DE000CN6KKW9	MHG 108.6TL OPENZ	EUR	1,8300	1,9400	1,8300				1,9400				
Certificate	DE000CE6CL26	MHG 123.7TL OPENZ	EUR	1,5100	1,6200	1,5100				1,6200				
Certificate	DE000CV87LY1	MHG 143.8TL OPENZ	EUR	1,0800	1,1900	1,0800				1,1900				
Certificate	DE000CV8AH34	MHG 163.7TL OPENZ	EUR	0,6700	0,7800	0,6700				0,7800				
Certificate	DE000CJ3PA26	MHG 183.7TL OPENZ	EUR	0,2500	0,3600	0,2500				0,3600				
Certificate	DE000CR9PK21	MHG 67.42TL OPENZ	EUR	2,6900	2,8100	2,6900				2,8100				
Certificate	DE000CR9SMH9	MHG 82.19TL OPENZ	EUR	2,3800	2,4900	2,3800				2,4900				
Certificate	NL0011979380	MICHL 143.TS OPENH	EUR	68,1600	68,1600	67,5000				67,5000				
Certificate	NL0012900021	MICHL 60.5TL OPENH	EUR	29,9500	30,5800	29,9500				30,5800				
Certificate	NL0012891303	MICHL112.2TS OPENH	EUR	34,9900	34,9900	34,3400				34,3400				
Certificate	NL0012600431	MICHL120.4TS OPENH	EUR	43,7600	43,7600	43,1100				43,1100				
Certificate	NL0011729033	MICHL127.4TS OPENH	EUR	51,3600	51,3600	50,7100				50,7100				
Certificate	NL0011732185	MICHL127.6TS OPENH	EUR	51,6200	51,6200	50,9700				50,9700				
Certificate	NL0012862460	MICHL140.2TS OPENH	EUR	65,1600	65,1600	64,5100				64,5100				
Certificate	NL0011973870	MICHL142.9TS OPENH	EUR	68,1100	68,1100	67,4600				67,4600				
Certificate	NL0011996509	MICHL143.2TS OPENH	EUR	68,4100	68,4100	67,7600				67,7600				
Certificate	NL0012900013	MICHL156.2TS OPENH	EUR	82,4900	82,4900	81,8400				81,8400				
Certificate	NL0012536684	MICHL172.9TS OPENH	EUR	100,4200	100,4200	99,7700				99,7700				
Certificate	NL0012539712	MICHL176.4TS OPENH	EUR	104,2800	104,2800	103,6200				103,6200				
Certificate	NL0009862820	MICHL24.32TL OPENB	EUR	6,4350	6,4350	6,4350				6,4350				
Certificate	NL0010438149	MICHL54.45TL OPENB	EUR	36,4550	36,4550	36,4550				36,4550				
Certificate	DE000CV89Q56	MICHL69.37TL OPENZ	EUR	0,6250	0,7100	0,6250				0,7100				
Certificate	NL0011650080	MICHL72.52TL OPENB	EUR	19,0700	19,7350	19,0700	4195,4000	1	19,7350	220				
Certificate	NL0011890249	MICHL74.62TL OPENH	EUR	16,8000	17,4300	16,8000				17,4300				
Certificate	DE000CV89BY8	MICHL79.36TL OPENZ	EUR	0,2350	0,3200	0,2350				0,3200				
Certificate	NL0011927918	MICHL82.73TL OPENH	EUR	9,2500	9,8800	9,2500				9,8800				
Certificate	NL0011994074	MICHL88.95TL OPENH	EUR											
Certificate	DE000CV88353	MICHL89.44TL OPENZ	EUR											
Certificate	NL0012036743	MICHL92.99TL OPENB	EUR											
Certificate	NL0013086218	MICHL96.18TS OPENH	EUR	17,8100	17,8100	17,1500				17,1500				
Certificate	NL0012897987	MICHL96.55TL OPENH	EUR											
Certificate	DE000CP06XX0	MICRO 30TL OPENC	EUR	0,5600	0,5600	0,5600				0,5600				
Certificate	DE000CV88CL4	MICRO 34TL 1218Z	EUR	0,2350	0,2350	0,2350				0,2350				
Certificate	DE000CP06XY8	MICRO 35TL OPENC	EUR	0,1200	0,1200	0,1200				0,1200				
Certificate	DE000CV88E69	MICRO 37TL 1218Z	EUR											
Certificate	DE000CV8AL61	MICRO 39TL 1218Z	EUR											
Certificate	DE000CP06XZ5	MICRO 40TL OPENC	EUR											
Certificate	DE000CP06Y05	MICRO 44TS OPENC	EUR	0,6900	0,6900	0,6900				0,6900				
Certificate	DE000CP06Y13	MICRO 50TS OPENC	EUR	1,2200	1,2200	1,2200				1,2200				
Certificate	DE000CP06Y21	MICRO 55TS OPENC	EUR	1,6600	1,6600	1,6600				1,6600				
Certificate	DE000CV88B03	MICRO30.59TL OPENZ	EUR	0,4050	0,5150	0,4050	240,0000	1	0,5150	500				
Certificate	DE000CV88DE7	MICRO35.63TL OPENZ	EUR											
Certificate	DE000CV8A6F4	MICRO40.67TL OPENZ	EUR											
Certificate	DE000CJ3N1K0	MITRA13.84TL OPENZ	EUR	2,0900	2,0900	2,0550	21788,2500	4	2,0550	10425				
Certificate	DE000CV88DE8	MITRA15.84TL OPENZ	EUR	1,6950	1,6950	1,6950				1,6950				
Certificate	DE000CV88DF5	MITRA17.87TL OPENZ	EUR	1,4200	1,4200	1,3350	3645,1400	1	1,3350	2567				
Certificate	NL0013007222	MITRA18.99TL OPENB	EUR	1,3000	1,3150	1,1350	799,5000	1	1,1350	615				
Certificate	DE000CV88DG3	MITRA19.79TL OPENZ	EUR	1,0100	1,1200	0,9500	3820,0000	4	0,9850	3600				
Certificate	NL0013007230	MITRA20.99TL OPENB	EUR	0,8200	0,9150	0,7000	944,6000	3	0,7750	1230				
Certificate	DE000CV88DH1	MITRA21.81TL OPENZ	EUR	0,5600	0,6150	0,5600	336,0000	1	0,6150	600				
Certificate	NL0013009723	MITRA22.99TL OPENB	EUR											
Certificate	DE000CJ3N8Z3	MITRA23.81TL OPENZ	EUR											
Certificate	NL0013014251	MITRA25.97TS OPENB	EUR	1,1950	1,1950	1,1950				1,1950				
Certificate	NL0013004971	MITRA29.97TS OPENB	EUR	2,0750	2,0750	2,0750				2,0750				
Certificate	NL0012999395	MITRA33.93TS OPENB	EUR	2,9550	2,9550	2,9550				2,9550				
Certificate	NL0012999403	MITRA37.93TS OPENB	EUR	3,8450	3,8450	3,8450				3,8450				
Certificate	DE000CJ3NU99	MKS 2.14TL OPENZ	EUR	0,9300	0,9400	0,9300				0,9400				
Certificate	DE000CV4YYC8	MKS 2.48TL OPENZ	EUR	0,5600	0,5700	0,5600				0,5700				
Certificate	DE000CV87WA8	MKS 1.962TL OPENZ	EUR	0,9900	1,0000	0,9900				1,0000				
Certificate	DE000CV509G9	MKS 2.462TL OPENZ	EUR	0,4300	0,4400	0,4300				0,4400				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012995617	MLXIS 73.38S OPENB	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000CR9R9L4	MLXIS33.99TL OPENZ	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	DE000CR9RYW5	MLXIS37.31TL OPENZ	EUR	0,3400	0,4400	0,3400	9142,0000	7	0,3850	23300				
Certificate	DE000CN6KAK5	MLXIS44.36TL OPENZ	EUR	0,6400	1,0200	0,6400	3149,8400	4	0,8500	3881				
Certificate	DE000CN6LJE7	MLXIS48.53TL OPENZ	EUR	0,2400	0,6400	0,2400	4801,8700	12	0,4400	10507				
Certificate	NL0013008741	MLXIS50.12BL OPENB	EUR											
Certificate	DE000CD61VC9	MLXIS52.53TL OPENZ	EUR											
Certificate	NL0013006141	MLXIS53.13BL OPENB	EUR											
Certificate	NL0012997613	MLXIS56.13BL OPENB	EUR											
Certificate	DE000CD63SY5	MLXIS56.51TL OPENZ	EUR											
Certificate	NL0013011364	MLXIS59.13BL OPENB	EUR											
Certificate	NL0013004781	MLXIS67.31BS OPENB	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CJ3NUF0	MLXIS71.95TS OPENZ	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	NL0012993059	MLXIS79.27BS OPENB	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000CV8B987	MLXIS79.94TS OPENZ	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000CV8YT38	MLXIS81.98TS OPENZ	EUR											
Certificate	NL0012993067	MLXIS85.24BS OPENB	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000CV89QX8	MLXIS89.91TS OPENZ	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000CE6FC16	MLXIS99.87TS OPENZ	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	DE000CX00R34	MNST 30.92TL OPENC	EUR											
Certificate	DE000CX00R26	MNST 34.35TL OPENC	EUR											
Certificate	DE000CX00R18	MNST 37.79TL OPENC	EUR											
Certificate	DE000CX01Z25	MNST 62.53TS OPENC	EUR											
Certificate	DE000CN6J0D2	MODLZ33.25TL OPENZ	EUR	7,2500	7,2500	6,9500			6,9500					
Certificate	DE000CJ3N641	MONC 23.41TL OPENZ	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CJ3NVL6	MONC 26.91TL OPENZ	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	NL0000696565	MOOIV PI OPENN	EUR	17,6900	18,4500	17,6900			18,4500					
Certificate	DE000CE6CXV2	MORPH56.67TL OPENZ	EUR	2,2050	2,2250	2,2050			2,2250					
Certificate	DE000CE6ENQ9	MORPH63.72TL OPENZ	EUR	1,5150	1,5350	1,5150			1,5350					
Certificate	DE000CE6F1A9	MORPH71.67TL OPENZ	EUR	0,7350	0,7550	0,7200	324,0000	1	0,7550	450				
Certificate	DE000CV87QA0	MORPH74.47TL OPENZ	EUR	0,4650	0,4850	0,3600	54,7200	1	0,4850	152				
Certificate	DE000CQ5BVX2	MSOFT 115TS OPENC	EUR											
Certificate	DE000CP06UP2	MSOFT 115TS OPENC	EUR	0,6100	0,7000	0,5500	8850,0000	3	0,7000	15000				
Certificate	DE000CP06164	MSOFT 115TS OPENC	EUR											
Certificate	DE000CP07B68	MSOFT 115TS OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CQ5BJ42	MSOFT 120TS OPENC	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CQ5BEL3	MSOFT 120TS OPENC	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CP06MM6	MSOFT 125TS OPENC	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CP06PT4	MSOFT 125TS OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CP06172	MSOFT 130TS OPENC	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000CP06227	MSOFT 130TS OPENC	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0009069301	MSOFT 9.2TL OPENB	EUR	87,0300	87,0300	87,0300			87,0300					
Certificate	NL0009173210	MSOFT 14.4TL OPENB	EUR	82,7300	82,7300	82,7300			82,7300					
Certificate	NL0010520151	MSOFT 30.5TL OPENB	EUR	69,5600	69,5600	69,5600			69,5600					
Certificate	NL0011052402	MSOFT 34.6TL OPENH	EUR	63,8400	66,1100	63,8400			66,1100					
Certificate	NL0011043013	MSOFT 35.1TL OPENH	EUR	63,3800	65,6400	63,3800			65,6400					
Certificate	NL0010658969	MSOFT 37.8TL OPENB	EUR	63,5500	63,5500	63,5500			63,5500					
Certificate	NL0011432307	MSOFT 41.8TL OPENB	EUR	60,2900	60,2900	60,2900			60,2900					
Certificate	NL0011908140	MSOFT 51.5TL OPENB	EUR	52,3400	52,3400	52,3400			52,3400					
Certificate	NL0012025613	MSOFT 57.1TL OPENB	EUR	47,7700	47,7700	47,7700			47,7700					
Certificate	NL0013006299	MSOFT115.9BS OPENB	EUR	7,8450	7,8450	7,8450			7,8450					
Certificate	NL0012786107	MSOFT117.4TS OPENB	EUR	17,1850	17,1850	17,1850			17,1850					
Certificate	NL0012981492	MSOFT127.5BS OPENB	EUR	18,0550	18,0550	18,0550			18,0550					
Certificate	NL0012983076	MSOFT129.1TS OPENB	EUR	28,2850	28,2850	28,2850			28,2850					
Certificate	NL0013004799	MSOFT140.2BS OPENB	EUR	29,2550	29,2550	29,2550			29,2550					
Certificate	DE000CF801L0	MSOFT36.35TL OPENC	EUR											
Certificate	NL0011447529	MSOFT42.46BL OPENB	EUR	57,5800	57,5800	57,5800			57,5800					
Certificate	DE000CD62JN9	MSOFT59.03TL OPENZ	EUR	42,6400	42,6400	42,6400			42,6400					
Certificate	DE000CD62LB0	MUENC 147.TL OPENZ	EUR	3,6550	3,9200	3,6550			3,9200					
Certificate	DE000CD618Z0	MUENC113.2TL OPENZ	EUR	7,0200	7,3000	7,0200			7,3000					
Certificate	NL0011225701	MUENC113.6TL OPENH	EUR	7,7100	8,0900	7,7100			8,0900					
Certificate	DE000CR9P841	MUENC129.2TL OPENZ	EUR	5,4300	5,7000	5,4300			5,7000					
Certificate	NL0011225693	MUENC130.6TL OPENH	EUR	6,1300	6,5000	6,1300			6,5000					
Certificate	NL0011927934	MUENC134.1TL OPENH	EUR	5,8100	6,1700	5,8100			6,1700					
Certificate	NL0011935648	MUENC144.4TL OPENH	EUR	4,8500	5,2100	4,8500			5,2100					
Certificate	NL0011978960	MUENC149.3TL OPENH	EUR	4,3800	4,7500	4,3800			4,7500					
Certificate	NL0011988969	MUENC154.6TL OPENH	EUR	3,8800	4,2500	3,8800			4,2500					
Certificate	NL0012179022	MUENC159.7TL OPENH	EUR	3,4000	3,7800	3,4000			3,7800					
Certificate	NL0012516181	MUENC164.7TL OPENH	EUR	2,9300	3,3100	2,9300			3,3100					
Certificate	DE000CE6E202	MUENC166.8TL OPENZ	EUR	1,6850	1,9600	1,6850			1,9600					
Certificate	NL0012591838	MUENC174.8TL OPENH	EUR	1,9900	2,3600	1,9900			2,3600					
Certificate	NL0012899470	MUENC179.7TL OPENH	EUR	1,5400	1,9100	1,5400			1,9100					



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	DE000CE6CDU6	NASDA LEVOPENZ	EUR	11,0700	11,2900	11,0700			11,2900					
Certificate	DE000CE6CDV4	NASDA LEVOPENZ	EUR	16,3100	17,6850	16,3100			17,6850					
Certificate	DE000CE6CDW2	NASDA LEVOPENZ	EUR	9,1050	10,5250	9,1050			10,5250					
Certificate	DE000CE6CDY8	NASDA SHROPENZ	EUR	0,1000	0,1000	0,0820	191,5800	3		2202				
Certificate	DE000CE6CDX0	NASDA SHROPENZ	EUR	1,5780	1,5780	1,4450			1,4450					
Certificate	NL0011411582	NASDA 2980TL OPENH	EUR	36,9900	36,9900	36,9900								
Certificate	NL0011411558	NASDA 3770TL OPENH	EUR	30,4600	30,4600	30,4600								
Certificate	NL0011411541	NASDA 3930TL OPENH	EUR	29,1500	29,1500	29,1500								
Certificate	NL0011411533	NASDA 4090TL OPENH	EUR	27,8500	27,8500	27,8500								
Certificate	DE0005437446	NASDQ PI OPENN	EUR	59,9100	59,9100	59,9100								
Certificate	NL0009565852	NASDQ 1780TL OPENB	EUR	46,4800	46,4800	46,4800								
Certificate	NL0009667161	NASDQ 2040TL OPENB	EUR	44,3900	44,3900	44,3900								
Certificate	NL0010126223	NASDQ 2520TL OPENB	EUR	40,4000	40,4000	40,4000								
Certificate	NL0010255592	NASDQ 2630TL OPENB	EUR	39,4600	39,4600	39,4600								
Certificate	NL0010380721	NASDQ 2880TL OPENB	EUR	37,4000	37,4000	37,4000								
Certificate	NL0010445714	NASDQ 3140TL OPENB	EUR	35,2400	35,2400	35,2400								
Certificate	NL0010518056	NASDQ 3280TL OPENB	EUR	34,0200	34,0200	34,0200								
Certificate	DE000CZ7DN84	NASDQ 3399TL OPENZ	EUR	30,7450	31,8650	30,7450								
Certificate	NL0010523825	NASDQ 3510TL OPENB	EUR	32,1300	32,1300	32,1300								
Certificate	DE000CF80D19	NASDQ 3514TL OPENC	EUR	28,8600	28,8600	28,8600								
Certificate	NL0010655759	NASDQ 3630TL OPENB	EUR	31,1600	31,1600	31,1600								
Certificate	DE000CZ7DY65	NASDQ 3679TL OPENZ	EUR	28,3250	29,4350	28,3250								
Certificate	NL0010657540	NASDQ 3750TL OPENB	EUR	30,1500	30,1500	30,1500								
Certificate	DE000CR1HPW1	NASDQ 3958TL OPENZ	EUR	25,9250	27,0150	25,9250								
Certificate	DE000CX00L30	NASDQ 4000TL OPENC	EUR	24,3300	24,3300	24,3300								
Certificate	DE000CR1HML1	NASDQ 4101TL OPENZ	EUR	24,1500	25,2450	24,1500								
Certificate	DE000CX0KXG6	NASDQ 4200TL OPENC	EUR	22,6700	22,6700	22,6700								
Certificate	DE000CR9RY64	NASDQ 4233TL OPENZ	EUR	23,5450	24,6350	23,5450								
Certificate	DE000CN6JT63	NASDQ 4435TL OPENZ	EUR	21,2250	22,3050	21,2250								
Certificate	DE000CN6K776	NASDQ 4449TL OPENZ	EUR	21,6800	22,7650	21,6800								
Certificate	DE000CX59H69	NASDQ 4500TL OPENC	EUR	20,0000	20,0000	20,0000								
Certificate	DE000CX59NQ8	NASDQ 4500TL OPENC	EUR	20,0100	20,0100	20,0100								
Certificate	DE000CY0AL55	NASDQ 4500TL OPENC	EUR	20,0600	20,0600	20,0600								
Certificate	DE000CX0KXH4	NASDQ 4500TL OPENC	EUR	19,8300	19,8300	19,8300								
Certificate	DE000CX59ZY6	NASDQ 4500TL OPENC	EUR	20,0500	20,0500	20,0500								
Certificate	DE000CX59BZ4	NASDQ 4500TL OPENC	EUR	20,4800	20,4800	20,4800								
Certificate	NL0012023865	NASDQ 4540TL OPENB	EUR	22,5250	22,5250	22,5250								
Certificate	DE000CN6K7Z7	NASDQ 4543TL OPENZ	EUR	20,2800	21,3550	20,2800								
Certificate	DE000CX59C07	NASDQ 4600TL OPENC	EUR	19,5300	19,5300	19,5300								
Certificate	DE000CX0KZU2	NASDQ 4600TL OPENC	EUR	18,9000	18,9000	18,9000								
Certificate	DE000CD61U47	NASDQ 4649TL OPENZ	EUR	19,3500	20,4200	19,3500								
Certificate	DE000CD61W45	NASDQ 4662TL OPENZ	EUR	19,8450	20,9150	19,8450								
Certificate	DE000CX59LY6	NASDQ 4700TL OPENC	EUR	18,1200	18,1200	18,1200								
Certificate	DE000CX59RS5	NASDQ 4700TL OPENC	EUR	18,7500	18,7500	18,7500								
Certificate	NL0012028021	NASDQ 4733BL OPENB	EUR	19,8050	19,8050	19,8050								
Certificate	NL0012023881	NASDQ 4750TL OPENB	EUR	20,6950	20,6950	20,6950								
Certificate	DE000CD61V79	NASDQ 4756TL OPENZ	EUR	18,4100	19,4800	18,4100								
Certificate	DE000CY0AL63	NASDQ 4800TL OPENC	EUR	17,2400	17,2400	17,2400								
Certificate	DE000CY0ALR8	NASDQ 4800TL OPENC	EUR	17,8700	17,8700	17,8700								
Certificate	NL0012028385	NASDQ 4850TL OPENB	EUR	19,8050	19,8050	19,8050								
Certificate	DE000CD626N9	NASDQ 4862TL OPENZ	EUR	17,4900	18,5550	17,4900								
Certificate	DE000CD62A24	NASDQ 4876TL OPENZ	EUR	18,0000	19,0650	18,0000								
Certificate	DE000CY0ASV5	NASDQ 4900TL OPENC	EUR	16,4100	16,4100	16,4100								
Certificate	DE000CD628P0	NASDQ 4968TL OPENZ	EUR	16,5600	17,6200	16,5600								
Certificate	DE000CY0ASW3	NASDQ 5000TL OPENC	EUR	15,4700	15,4700	15,4700								
Certificate	DE000CY0AV61	NASDQ 5000TL OPENC	EUR	16,1400	16,1400	16,1400								
Certificate	DE000CD62DX1	NASDQ 5074TL OPENZ	EUR	15,6300	16,6900	15,6300								
Certificate	DE000CD641T5	NASDQ 5086TL OPENZ	EUR	16,1850	17,2450	16,1850								
Certificate	DE000CY0AZY4	NASDQ 5100TL OPENC	EUR	15,1900	15,1900	15,1900								
Certificate	DE000CJ3N6B8	NASDQ 5150TL 1218Z	EUR	15,0500	16,1100	15,0500								
Certificate	DE000CD632X2	NASDQ 5178TL OPENZ	EUR	14,7250	15,7750	14,7250								
Certificate	DE000CY16CU1	NASDQ 5200TL OPENC	EUR	14,3200	14,3200	14,3200								
Certificate	DE000CY16BL2	NASDQ 5200TL OPENC	EUR	13,6400	13,6400	13,6400								
Certificate	NL0012107114	NASDQ 5220BL OPENB	EUR	15,5250	15,5250	15,5250								
Certificate	NL0012107924	NASDQ 5274BL OPENB	EUR	15,0450	15,0450	15,0450								
Certificate	DE000CD64CC3	NASDQ 5281TL OPENZ	EUR	13,8150	14,8650	13,8150								
Certificate	DE000CD64EL0	NASDQ 5295TL OPENZ	EUR	14,3850	15,4350	14,3850								
Certificate	DE000CY16H78	NASDQ 5300TL OPENC	EUR	13,4200	13,4200	13,4200								
Certificate	DE000CD64F50	NASDQ 5385TL OPENZ	EUR	12,9100	13,9500	12,9100								
Certificate	DE000CY16TW1	NASDQ 5400TL OPENC	EUR	12,6100	12,6100	12,6100								
Certificate	DE000CY16UH0	NASDQ 5400TL OPENC	EUR	11,9000	11,9000	11,9000								
Certificate	NL0012112486	NASDQ 5434BL OPENB	EUR	13,6350	13,6350	13,6350								



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	NL0013082332	NASDQ 5457TRLOPENH	EUR	13,2800	13,2800	13,2800			13,2800					
Certificate	NL0012114540	NASDQ 5488BL OPENB	EUR	13,1650	13,1650	13,1650			13,1650					
Certificate	DE000CE6BHP9	NASDQ 5488TL OPENZ	EUR	12,0150	13,0550	12,0150			13,0550					
Certificate	DE000CY16XY9	NASDQ 5500TL OPENC	EUR	10,9700	10,9700	10,9700			10,9700					
Certificate	DE000CY50446	NASDQ 5500TL OPENC	EUR	11,7500	11,7500	11,7500			11,7500					
Certificate	DE000CE6BN66	NASDQ 5505TL OPENZ	EUR	12,5750	13,6250	12,5750			13,6250					
Certificate	NL0012260889	NASDQ 5590TL OPENB	EUR	12,5900	13,5250	12,5900	2916,6000	4	13,5250	230				
Certificate	DE000CE6BMX3	NASDQ 5591TL OPENZ	EUR	11,1100	12,1400	11,1100			12,1400					
Certificate	DE000CY50K88	NASDQ 5600TL OPENC	EUR	10,2000	10,2000	10,2000			10,2000					
Certificate	DE000CY50KQ1	NASDQ 5600TL OPENC	EUR	10,9300	10,9300	10,9300			10,9300					
Certificate	NL0013081532	NASDQ 5607TL OPENH	EUR	12,8800	12,8800	12,8800			12,8800					
Certificate	DE000VL9VUP2	NASDQ 5673TL OPENV	EUR	9,7100	10,7050	9,7000	3982,0000	3	10,5750	400				
Certificate	NL0012898613	NASDQ 5681TRLOPENH	EUR	11,3100	11,3100	11,3100			11,3100					
Certificate	DE000CE6CH55	NASDQ 5693TL OPENZ	EUR	10,2100	11,2400	10,2100			11,2400					
Certificate	DE000CY50LK2	NASDQ 5700TL OPENC	EUR	9,2900	9,2900	9,2900			9,2900					
Certificate	DE000CY50MJ2	NASDQ 5700TL OPENC	EUR	10,0300	10,0300	10,0300			10,0300					
Certificate	DE000CE6CJF4	NASDQ 5713TL OPENZ	EUR	10,7800	11,8150	10,7800			11,8150					
Certificate	NL0012265870	NASDQ 5740TL OPENB	EUR	11,7900	12,1950	11,7900	966,7800	1	12,1950	82				
Certificate	DE000CV8AC54	NASDQ 5750TL 1218Z	EUR	9,8100	10,8500	9,8100			10,8500					
Certificate	NL0012265284	NASDQ 5754BL OPENB	EUR	10,8250	10,8250	10,8250			10,8250					
Certificate	NL0013083694	NASDQ 5756TRLOPENH	EUR	10,6500	10,6500	10,6500			10,6500					
Certificate	DE000CE6CKR7	NASDQ 5796TL OPENZ	EUR	9,3200	10,3500	9,3200			10,3500					
Certificate	DE000CY51824	NASDQ 5800TL OPENC	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	DE000CY517M7	NASDQ 5800TL OPENC	EUR	9,2200	9,2200	9,2200			9,2200					
Certificate	DE000CY50GK2	NASDQ 5800TS OPENC	EUR											
Certificate	NL0013083686	NASDQ 5806TRLOPENH	EUR	10,2100	10,2100	10,2100			10,2100					
Certificate	NL0012266852	NASDQ 5807BL OPENB	EUR	10,3550	10,3550	10,3550			10,3550					
Certificate	NL0012276992	NASDQ 5840TL OPENB	EUR	11,3850	11,3850	11,3850			11,3850					
Certificate	NL0013083678	NASDQ 5856TRLOPENH	EUR	9,7700	9,7700	9,7700			9,7700					
Certificate	NL0012898258	NASDQ 5874TL OPENH	EUR	10,5800	10,5800	10,5800			10,5800					
Certificate	DE000CE6D8E8	NASDQ 5898TL OPENZ	EUR	8,4300	9,4550	8,4300			9,4550					
Certificate	NL0012277446	NASDQ 5900TL OPENB	EUR	10,8650	10,8650	10,8650			10,8650					
Certificate	DE000CY51NF6	NASDQ 5900TL OPENC	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	DE000CY51LF0	NASDQ 5900TL OPENC	EUR	7,6900	7,6900	7,6900			7,6900					
Certificate	NL0012277388	NASDQ 5913BL OPENB	EUR	8,4300	9,4250	8,4300	843,0000	1	9,4250	100				
Certificate	DE000CE6DYJ3	NASDQ 5920TL OPENZ	EUR	8,9950	10,0250	8,9950			10,0250					
Certificate	NL0012898605	NASDQ 5932TRLOPENH	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	NL0012498448	NASDQ 6000TL OPENB	EUR	10,0050	10,0050	10,0050			10,0050					
Certificate	DE000CY52822	NASDQ 6000TL OPENC	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	DE000CE6DYB0	NASDQ 6000TL OPENZ	EUR	7,5450	8,5650	7,5450	656,0000	1	8,5650	80				
Certificate	NL0013083660	NASDQ 6006TRLOPENH	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	NL0012491476	NASDQ 6016BL OPENB	EUR	8,5250	8,5250	8,5250			8,5250					
Certificate	NL0013083652	NASDQ 6056TRLOPENH	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	NL0012499487	NASDQ 6066BL OPENB	EUR	7,2900	8,0850	7,2850	109,3500	1	8,0850	15				
Certificate	DE000CY51W42	NASDQ 6100TL OPENC	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	DE000CY51WN1	NASDQ 6100TL OPENC	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	DE000CE6EK41	NASDQ 6100TL OPENZ	EUR	6,6650	7,6850	6,6650	200,1000	1	7,6850	30				
Certificate	NL0013083645	NASDQ 6106TRLOPENH	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	NL0012925457	NASDQ 6107TL OPENH	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	DE000CE6F0G8	NASDQ 6128TL OPENZ	EUR	7,2000	8,2250	7,2000	2352,0000	1	8,2250	300				
Certificate	NL0012501910	NASDQ 6160TL OPENB	EUR	7,8500	8,6450	7,8450	628,0000	1	8,6450	80				
Certificate	NL0012504799	NASDQ 6170BL OPENB	EUR	7,1650	7,1650	7,1650			7,1650					
Certificate	NL0012924849	NASDQ 6179TRLOPENH	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	NL0012505010	NASDQ 6200TL OPENB	EUR	7,3600	8,2550	7,3600	83378,7000	3	8,2550	11253				
Certificate	DE000CE6F1M4	NASDQ 6201TL OPENZ	EUR	5,7950	6,8050	5,7950			6,8050					
Certificate	NL0012925440	NASDQ 6234TL OPENH	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	DE000VL76G29	NASDQ 6250TL OPENV	EUR	5,1850	5,1850	5,1850			5,1850					
Certificate	NL0013083637	NASDQ 6256TRLOPENH	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	NL0012507057	NASDQ 6274BL OPENB	EUR	6,2550	6,2550	6,2550			6,2550					
Certificate	LU1840978008	NASDQ 6280TCIOPENS	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	DE000CQ5AGC9	NASDQ 6300TL OPENC	EUR	4,1000	4,6500	4,1000	4835,0000	6	4,6500	1100				
Certificate	DE000CQ5AM14	NASDQ 6300TL OPENC	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000CE6FBK4	NASDQ 6302TL OPENZ	EUR	4,9150	5,9150	4,9150			5,9150					
Certificate	NL0012925432	NASDQ 6310TL OPENH	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	NL0012508881	NASDQ 6326BL OPENB	EUR	5,7950	5,7950	5,7950			5,7950					
Certificate	DE000VA1GKL3	NASDQ 6327TL OPENV	EUR	4,7455	4,7455	4,7455			4,7455					
Certificate	NL0012924831	NASDQ 6331TRLOPENH	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000CV50848	NASDQ 6336TL OPENZ	EUR	5,4100	6,4250	5,4100			6,4250					
Certificate	DE000CV8AC62	NASDQ 6350TL 1218Z	EUR	4,5950	5,6100	4,5950			5,6100					
Certificate	NL0012687149	NASDQ 6377BL OPENB	EUR	4,6700	5,4000	4,6700	931,9500	3	5,3450	180				
Certificate	DE000VA1GKN9	NASDQ 6377TL OPENV	EUR	4,2965	4,2965	4,2965			4,2965					
Certificate	NL0012925424	NASDQ 6386TL OPENH	EUR	6,1600	6,1600	6,1600			6,1600					



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	NL0012687453	NASDQ 6400TL OPENB	EUR	6,2200	6,7250	6,2200	1099,0500	2	6,5650	170				
Certificate	DE000CQ5AM22	NASDQ 6400TL OPENC	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000CQ5AJM2	NASDQ 6400TL OPENC	EUR	3,0700	3,7700	3,0700	614,0000	1	3,7700	200				
Certificate	DE000CV50780	NASDQ 6401TL OPENZ	EUR	4,0500	5,0500	4,0500			5,0500					
Certificate	NL0012924823	NASDQ 6407TRLOPENH	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	NL0012925416	NASDQ 6431TL OPENH	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	DE000VA1ZE19	NASDQ 6442TL OPENV	EUR	3,8515	3,8515	3,8515			3,8515					
Certificate	NL0012779664	NASDQ 6450TL OPENB	EUR	5,5000	6,3600	5,5000	1779,0000	2	6,1450	300				
Certificate	NL0012925408	NASDQ 6462TL OPENH	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	NL0012924815	NASDQ 6484TRLOPENH	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	DE000VA1ZE15	NASDQ 6492TL OPENV	EUR	3,4035	3,4035	3,4035			3,4035					
Certificate	DE000CQ5AXH3	NASDQ 6500TL OPENC	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000CQ5AXU6	NASDQ 6500TL OPENC	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	DE000CQ5BEW0	NASDQ 6500TL OPENC	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000CQ5BFQ9	NASDQ 6500TL OPENC	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000CP06YG3	NASDQ 6500TL OPENC	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000CP07BR6	NASDQ 6500TL OPENC	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	DE000CV50798	NASDQ 6502TL OPENZ	EUR	3,1650	4,1650	3,1650			4,1650					
Certificate	NL0012925390	NASDQ 6512TL OPENH	EUR	4,2800	5,0700	4,2800	4330,0000	2	5,0700	1000				
Certificate	NL0012780050	NASDQ 6531BL OPENB	EUR	3,4600	3,9850	3,4550	4674,0000	3	3,9850	1200				
Certificate	LU1840978180	NASDQ 6541TCIOPENS	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000VA1ZE13	NASDQ 6542TL OPENV	EUR	2,9555	2,9555	2,9555			2,9555					
Certificate	NL0012925382	NASDQ 6553TL OPENH	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	NL0012924807	NASDQ 6560TRLOPENH	EUR	3,1300	3,6000	3,1300	78,2500	1	3,6000	25				
Certificate	NL0012786438	NASDQ 6582BL OPENB	EUR	3,5450	3,5450	3,5450			3,5450					
Certificate	NL0012925374	NASDQ 6583TL OPENH	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CV88K87	NASDQ 6590TL OPENZ	EUR	3,2200	4,2250	3,2200			4,2250					
Certificate	DE000VA1ZEX1	NASDQ 6592TL OPENV	EUR	2,5115	2,5115	2,5115			2,5115					
Certificate	NL0012785653	NASDQ 6600TL OPENB	EUR	4,2600	4,8950	4,2550	319,5000	1	4,8950	75				
Certificate	DE000CQ5AXJ9	NASDQ 6600TL OPENC	EUR	1,5600	2,2100	1,3500	1874,0000	4	2,2100	1200				
Certificate	DE000CQ5AXV4	NASDQ 6600TL OPENC	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000CV88MH2	NASDQ 6600TL OPENZ	EUR	2,3150	3,3050	2,3150			3,3050					
Certificate	NL0012925366	NASDQ 6614TL OPENH	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	NL0012787261	NASDQ 6633BL OPENB	EUR	2,6000	3,0950	2,5850	1567,4000	2	3,0950	580				
Certificate	NL0012924799	NASDQ 6636TRLOPENH	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0012925358	NASDQ 6639TL OPENH	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	DE000VA1ZE26	NASDQ 6642TL OPENV	EUR	1,1960	2,0525	1,1905	6413,2500	8	2,0525	4300				
Certificate	DE000CV8AGC6	NASDQ 6650TL 1218Z	EUR	1,9700	2,9750	1,9700			2,9750					
Certificate	NL0012787535	NASDQ 6650TL OPENB	EUR	4,4750	4,4750	4,4750			4,4750					
Certificate	NL0012785034	NASDQ 6670TS OPENB	EUR											
Certificate	NL0012925341	NASDQ 6674TL OPENH	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0013010390	NASDQ 6680BL OPENB	EUR	1,8000	2,6850	1,7200	18587,5000	4	2,6850	10500				
Certificate	LU1840978263	NASDQ 6687TCIOPENS	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000VA15NJ3	NASDQ 6693TL OPENV	EUR											
Certificate	DE000CQ58AW8	NASDQ 6700TL OPENC	EUR											
Certificate	DE000CQ581R2	NASDQ 6700TL OPENC	EUR											
Certificate	DE000CV88N92	NASDQ 6701TL OPENZ	EUR	1,4350	2,4350	1,4350	5898,6100	5	2,4350	3057				
Certificate	NL0012925333	NASDQ 6705TL OPENH	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0012924781	NASDQ 6712TRLOPENH	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0013010408	NASDQ 6730BL OPENB	EUR	1,2700	2,2450	1,2650	7731,5000	10	2,2450	4450				
Certificate	LU1756866817	NASDQ 6730TCIOPENS	EUR											
Certificate	NL0012925325	NASDQ 6735TL OPENH	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000VA15NL9	NASDQ 6743TL OPENV	EUR											
Certificate	NL0013083629	NASDQ 6747TRLOPENH	EUR	1,1500	2,0400	1,0000	12159,1300	7	2,0000	7175				
Certificate	NL0012788533	NASDQ 6750TL OPENB	EUR	2,6000	3,6150	2,6000	63447,3000	8	3,6150	21880				
Certificate	NL0012925317	NASDQ 6755TL OPENH	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0012925309	NASDQ 6776TL OPENH	EUR	2,1300	2,8700	2,0900	3346,4400	12	2,8000	1376				
Certificate	NL0013011158	NASDQ 6779BL OPENB	EUR											
Certificate	NL0012924773	NASDQ 6788TRLOPENH	EUR											
Certificate	NL0012925291	NASDQ 6791TL OPENH	EUR											
Certificate	DE000CV88NA5	NASDQ 6802TL OPENZ	EUR											
Certificate	NL0012924765	NASDQ 6809TRLOPENH	EUR											
Certificate	NL0012925283	NASDQ 6816TL OPENH	EUR											
Certificate	NL0013011166	NASDQ 6829BL OPENB	EUR											
Certificate	NL0012924757	NASDQ 6829TRLOPENH	EUR											
Certificate	NL0012925275	NASDQ 6836TL OPENH	EUR											
Certificate	DE000CV88U69	NASDQ 6844TL OPENZ	EUR											
Certificate	NL0012924740	NASDQ 6849TRLOPENH	EUR											
Certificate	NL0012788954	NASDQ 6850TL OPENB	EUR											
Certificate	DE000VA215R0	NASDQ 6855TL OPENV	EUR											
Certificate	NL0012925267	NASDQ 6857TL OPENH	EUR											
Certificate	NL0012924732	NASDQ 6865TRLOPENH	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	NL0012925259	NASDQ 6877TL OPENH	EUR											
Certificate	NL0013011174	NASDQ 6879BL OPENB	EUR											
Certificate	DE000VA71L79	NASDQ 6881TL OPENV	EUR											
Certificate	NL0012924724	NASDQ 6890TRL OPENH	EUR											
Certificate	NL0012925242	NASDQ 6892TL OPENH	EUR											
Certificate	DE000CJ3N750	NASDQ 6898TL OPENZ	EUR											
Certificate	DE000CP07BS4	NASDQ 6900TL OPENC	EUR											
Certificate	DE000CP06VB0	NASDQ 6900TL OPENC	EUR											
Certificate	NL0013011471	NASDQ 6910TL OPENB	EUR											
Certificate	NL0013083611	NASDQ 6927TRL OPENH	EUR											
Certificate	NL0013011182	NASDQ 6929BL OPENB	EUR											
Certificate	NL0012969406	NASDQ 6930TL OPENB	EUR											
Certificate	DE000VA71L87	NASDQ 6931TL OPENV	EUR											
Certificate	NL0013083603	NASDQ 6947TRL OPENH	EUR											
Certificate	NL0013082324	NASDQ 6949TRL OPENH	EUR											
Certificate	DE000CJ3N7P6	NASDQ 6950TL 1218Z	EUR											
Certificate	DE000VA2T5T6	NASDQ 6955TL OPENV	EUR											
Certificate	NL0013083009	NASDQ 6956TL OPENH	EUR											
Certificate	NL0013011489	NASDQ 6960TL OPENB	EUR											
Certificate	NL0013013105	NASDQ 6978BL OPENB	EUR											
Certificate	DE000CV89DW8	NASDQ 6979TL OPENZ	EUR											
Certificate	DE000VA71MA7	NASDQ 6981TL OPENV	EUR											
Certificate	NL0013083595	NASDQ 6987TRL OPENH	EUR											
Certificate	DE000CJ3PCU2	NASDQ 6996TL OPENZ	EUR											
Certificate	DE000CP07BT2	NASDQ 7000TL OPENC	EUR											
Certificate	DE000CQ58NN0	NASDQ 7000TL OPENC	EUR											
Certificate	DE000CQ58F55	NASDQ 7000TL OPENC	EUR											
Certificate	DE000CQ58EY6	NASDQ 7000TL OPENC	EUR											
Certificate	DE000CP06YH1	NASDQ 7000TL OPENC	EUR											
Certificate	NL0013083587	NASDQ 7007TRL OPENH	EUR											
Certificate	NL0013011497	NASDQ 7010TL OPENB	EUR											
Certificate	NL0013084940	NASDQ 7024TL OPENH	EUR											
Certificate	NL0013083579	NASDQ 7027TRL OPENH	EUR											
Certificate	NL0013013113	NASDQ 7029BL OPENB	EUR											
Certificate	DE000VA71XR8	NASDQ 7032TL OPENV	EUR											
Certificate	NL0013083561	NASDQ 7047TRL OPENH	EUR											
Certificate	NL0013083553	NASDQ 7057TRL OPENH	EUR											
Certificate	NL0013012537	NASDQ 7060TL OPENB	EUR											
Certificate	DE000CV880H2	NASDQ 7071TS OPENZ	EUR											
Certificate	NL0013083546	NASDQ 7080TRSOPEH	EUR											
Certificate	DE000VA71XS6	NASDQ 7082TL OPENV	EUR											
Certificate	NL0013085582	NASDQ 7082TRL OPENH	EUR											
Certificate	NL0013084932	NASDQ 7084TL OPENH	EUR											
Certificate	DE000CJ3PDJ3	NASDQ 7094TL OPENZ	EUR											
Certificate	NL0013012545	NASDQ 7100TL OPENB	EUR											
Certificate	DE000CQ58JM0	NASDQ 7100TL OPENC	EUR											
Certificate	DE000CQ58NP5	NASDQ 7100TL OPENC	EUR											
Certificate	NL0013082910	NASDQ 7103TRL OPENH	EUR											
Certificate	NL0013086887	NASDQ 7120TRL OPENH	EUR											
Certificate	NL0013085574	NASDQ 7120TRSOPEH	EUR											
Certificate	NL0013083538	NASDQ 7120TRSOPEH	EUR											
Certificate	NL0012978928	NASDQ 7127BL OPENB	EUR											
Certificate	DE000VA71XT4	NASDQ 7132TL OPENV	EUR											
Certificate	NL0013086879	NASDQ 7140TRL OPENH	EUR											
Certificate	NL0013085566	NASDQ 7140TRSOPEH	EUR											
Certificate	NL0013084585	NASDQ 7141TRL OPENH	EUR											
Certificate	NL0013085558	NASDQ 7150TRSOPEH	EUR											
Certificate	NL0012980072	NASDQ 7175BL OPENB	EUR											
Certificate	NL0013083520	NASDQ 7180TRSOPEH	EUR											
Certificate	NL0013085541	NASDQ 7180TRSOPEH	EUR											
Certificate	DE000VA71XV0	NASDQ 7182TL OPENV	EUR											
Certificate	DE000CQ58UE4	NASDQ 7200TL OPENC	EUR											
Certificate	NL0013085533	NASDQ 7200TRSOPEH	EUR	3,1200	3,1200	1,9300	56424,5000	29	2,1700	23985				
Certificate	DE000CP06VC8	NASDQ 7200TS OPENC	EUR											
Certificate	NL0013084577	NASDQ 7201TRL OPENH	EUR											
Certificate	DE000VA8FUX4	NASDQ 7216TS OPENV	EUR	2,2795	2,2795	2,2795			2,2795					
Certificate	NL0013085525	NASDQ 7220TRSOPEH	EUR	2,9600	2,9800	2,3100	1998,5000	4	2,3400	700				
Certificate	DE000CJ3PHE5	NASDQ 7220TS OPENZ	EUR	3,3250	3,3250	2,3550			2,3550					
Certificate	NL0013084569	NASDQ 7221TRL OPENH	EUR											
Certificate	NL0013085517	NASDQ 7240TRSOPEH	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0013083512	NASDQ 7240TRSOPEH	EUR											
Certificate	DE000VA8FU02	NASDQ 7266TS OPENV	EUR	2,7105	2,7105	2,7105			2,7105					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012928220	NASDQ 7268TRL0PENH	EUR											
Certificate	NL0013084551	NASDQ 72797RS0PENH	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	NL0013085251	NASDQ 72807S 0PENH	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	NL0012928212	NASDQ 72887RL0PENH	EUR											
Certificate	NL0013085855	NASDQ 73007RS0PENH	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0013083504	NASDQ 73007RS0PENH	EUR											
Certificate	DE000CP06VD6	NASDQ 73007S 0PENH	EUR											
Certificate	NL0013081516	NASDQ 73007S 0PENH	EUR											
Certificate	DE000CJ3PHZ0	NASDQ 73037S 0PENZ	EUR	4,9400	4,9400	3,9550			3,9550					
Certificate	DE000CJ3N6R4	NASDQ 73037S 0PENZ	EUR											
Certificate	NL0013008535	NASDQ 73128S 0PENB	EUR	4,0600	4,2650	3,0350	88660,6500	17	3,2350	24167				
Certificate	DE000VA71L04	NASDQ 73157S 0PENV	EUR	3,1505	3,1505	3,1505			3,1505					
Certificate	DE000CJ3PE63	NASDQ 73197S 0PENZ	EUR	4,1900	4,1900	3,1300	499,0000	3	3,2150	150				
Certificate	NL0013009517	NASDQ 73307S 0PENB	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	NL0013081052	NASDQ 73387RS0PENH	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	NL0013081508	NASDQ 73507S 0PENH	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	LU1840975160	NASDQ 73657PI0PEN5	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000VA71L20	NASDQ 73657S 0PENV	EUR	3,5895	3,5895	3,5895			3,5895					
Certificate	NL0013083496	NASDQ 73797RS0PENH	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000CP06VE4	NASDQ 74007S 0PENH	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	DE000CP07BU0	NASDQ 74007S 0PENH	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	NL0013008543	NASDQ 74128S 0PENB	EUR	5,0000	5,0050	4,1150	7808,0000	2	4,1150	1570				
Certificate	DE000VA71L46	NASDQ 74157S 0PENV	EUR	4,0295	4,0295	4,0295			4,0295					
Certificate	NL0013079817	NASDQ 74187RS0PENH	EUR	4,9900	4,9900	4,0500	59880,0000	1	4,0500	12000				
Certificate	DE000CJ3N778	NASDQ 74197S 0PENZ	EUR	5,0500	5,0500	4,0850			4,0850					
Certificate	NL0013081490	NASDQ 74207S 0PENH	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	NL0013009525	NASDQ 74307S 0PENB	EUR	4,7650	4,7650	4,7650			4,7650					
Certificate	NL0013084544	NASDQ 74397RS0PENH	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	NL0013078520	NASDQ 74477RS0PENH	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	DE000CJ3N6D4	NASDQ 74507S 1218Z	EUR	5,2900	5,2900	4,3450			4,3450					
Certificate	DE000VA71L61	NASDQ 74657S 0PENV	EUR	4,4695	4,4695	4,4695			4,4695					
Certificate	NL0013086861	NASDQ 74807RS0PENH	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	NL0013081482	NASDQ 74807S 0PENH	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	NL0013078173	NASDQ 74977RS0PENH	EUR	4,5000	4,7400	4,5000	270,0000	1	4,7400	60				
Certificate	DE000CP06VF1	NASDQ 75007S 0PENH	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	DE000CP07BV8	NASDQ 75007S 0PENH	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	NL0013008550	NASDQ 75128S 0PENB	EUR	4,9950	4,9950	4,9950			4,9950					
Certificate	DE000VA77DT1	NASDQ 75157S 0PENV	EUR	4,9105	4,9105	4,9105			4,9105					
Certificate	DE000CJ3N2J0	NASDQ 75187S 0PENZ	EUR	5,9100	5,9100	4,9450			4,9450					
Certificate	NL0013007131	NASDQ 75307S 0PENB	EUR	5,6200	5,6550	5,6200	1124,0000	1	5,6550	200				
Certificate	NL0013078165	NASDQ 75377RS0PENH	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	NL0013080005	NASDQ 75507S 0PENH	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	DE000CJ3N6S2	NASDQ 75537S 0PENZ	EUR	7,1600	7,1600	6,1800			6,1800					
Certificate	DE000VA77A68	NASDQ 75657S 0PENV	EUR	5,3450	5,3450	5,3450			5,3450					
Certificate	NL0013078157	NASDQ 75777RS0PENH	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	NL0013084536	NASDQ 75997RS0PENH	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	DE000CP07BW6	NASDQ 76007S 0PENH	EUR	6,3800	6,6200	6,3800	638,0000	1	6,6200	100				
Certificate	DE000CP069C1	NASDQ 76007S 0PENH	EUR											
Certificate	DE000CP06YI7	NASDQ 76007S 0PENH	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	DE000CP069T5	NASDQ 76007S 0PENH	EUR											
Certificate	NL0013079130	NASDQ 76007S 0PENH	EUR	6,9800	6,9800	6,9800			6,9800					
Certificate	NL0013006869	NASDQ 76128S 0PENB	EUR	6,7500	6,7500	5,8750	5097,0000	5	5,8750	775				
Certificate	DE000VA77A76	NASDQ 76157S 0PENV	EUR	5,7850	5,7850	5,7850			5,7850					
Certificate	DE000CJ3N0L0	NASDQ 76187S 0PENZ	EUR	6,7800	6,7800	5,8100			5,8100					
Certificate	NL0013006463	NASDQ 76307S 0PENB	EUR	6,5350	6,5350	6,5350			6,5350					
Certificate	NL0013078140	NASDQ 76377RS0PENH	EUR	5,9600	5,9600	5,9600			5,9600					
Certificate	DE000VA77PWH4	NASDQ 76657S 0PENV	EUR	6,2250	6,2250	6,2250			6,2250					
Certificate	LU1840975244	NASDQ 76757PI0PEN5	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	NL0012890362	NASDQ 76997RS0PENH	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	NL0012924997	NASDQ 76997S 0PENH	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	NL0012980098	NASDQ 77118S 0PENB	EUR	6,7550	6,7550	6,7550			6,7550					
Certificate	DE000CV42956	NASDQ 77177S 0PENZ	EUR	7,6500	7,6500	6,6800			6,6800					
Certificate	NL0012890354	NASDQ 77197RS0PENH	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	NL0012924377	NASDQ 77297RS0PENH	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	NL0012924989	NASDQ 77297S 0PENH	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	NL0013005416	NASDQ 77307S 0PENB	EUR	7,3000	7,4250	7,3000	14600,0000	3	7,4250	2000				
Certificate	DE000VA275M1	NASDQ 77417S 0PENV	EUR	7,2800	7,2850	6,6650	728,0000	1	6,6650	100				
Certificate	DE000CJ3N211	NASDQ 77507S 1218Z	EUR	7,8900	7,8900	6,9300			6,9300					
Certificate	NL0012890347	NASDQ 77597RS0PENH	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	NL0012900658	NASDQ 77777S 0PENH	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	NL0012892962	NASDQ 77827RS0PENH	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	DE000VA275N9	NASDQ 77917S 0PENV	EUR	7,1050	7,1050	7,1050			7,1050					



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	DE000CQ58FU1	NASDQ 7800TS OPENC	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	DE000CQ5AC81	NASDQ 7800TS OPENC	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	DE000CQ58QE2	NASDQ 7800TS OPENC	EUR	7,7500	7,7500	7,1100	9462,5000	3	7,1100	1250				
Certificate	DE000CV4YU90	NASDQ 7803TS OPENZ	EUR	9,3950	9,3950	8,4250			8,4250					
Certificate	NL0012924369	NASDQ 7804TRSOPENH	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	NL0012924971	NASDQ 7804TS OPENH	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	NL0012983860	NASDQ 7811BS OPENB	EUR	7,6350	7,6350	7,6350			7,6350					
Certificate	DE000CV4ZB19	NASDQ 7820TS OPENZ	EUR	8,5500	8,5500	7,5800	816,0000	1	7,5800	100				
Certificate	NL0012900856	NASDQ 7829TRSOPENH	EUR	7,6500	7,6500	7,6500			7,6500					
Certificate	NL0012984041	NASDQ 7830TS OPENB	EUR	10,4500	10,4750	9,7850	10450,0000	1	9,7850	1000				
Certificate	NL0012894018	NASDQ 7834TS OPENH	EUR	9,0700	9,0700	9,0700			9,0700					
Certificate	DE000VA2T5P4	NASDQ 7841TS OPENV	EUR	7,5450	7,5450	7,5450			7,5450					
Certificate	NL0012892954	NASDQ 7861TRSOPENH	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	NL0012894000	NASDQ 7874TS OPENH	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	NL0012892947	NASDQ 7881TRSOPENH	EUR	8,1100	8,1100	8,1100			8,1100					
Certificate	DE000VA4RNH6	NASDQ 7885TS OPENV	EUR	7,9850	7,9850	7,9850			7,9850					
Certificate	NL0012893994	NASDQ 7894TS OPENH	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	NL0012892939	NASDQ 7901TRSOPENH	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	NL0012892921	NASDQ 7921TRSOPENH	EUR	8,8500	8,8500	8,4600	442,5000	1	8,4600	50				
Certificate	DE000CV4ZJG7	NASDQ 7922TS OPENZ	EUR	9,4400	9,4400	8,4800			8,4800					
Certificate	NL0012924963	NASDQ 7929TS OPENH	EUR	9,6200	9,9300	9,6200	2410,0000	1	9,9300	250				
Certificate	NL0012676852	NASDQ 7930TS OPENB	EUR	11,2200	11,2200	10,7150	34482,4000	2	10,7150	3170				
Certificate	DE000VA3EB68	NASDQ 7938TS OPENV	EUR	8,4350	8,4350	8,4350			8,4350					
Certificate	NL0012924351	NASDQ 7953TRSOPENH	EUR	8,7500	8,7500	8,7500			8,7500					
Certificate	NL0012893986	NASDQ 7974TS OPENH	EUR	10,3300	10,3300	10,3300			10,3300					
Certificate	NL0012892913	NASDQ 7981TRSOPENH	EUR	8,9900	8,9900	8,9900			8,9900					
Certificate	NL0012893978	NASDQ 7994TS OPENH	EUR	10,5100	10,5100	10,5100			10,5100					
Certificate	DE000CY52588	NASDQ 8000TS OPENC	EUR	8,1100	8,1100	8,1100			8,1100					
Certificate	DE000CP6G3E0	NASDQ 8000TS OPENC	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	DE000CQ58UG9	NASDQ 8000TS OPENC	EUR	9,0100	9,0100	9,0100			9,0100					
Certificate	DE000CY52GG6	NASDQ 8000TS OPENC	EUR	9,2200	9,2200	9,2200			9,2200					
Certificate	NL0012893457	NASDQ 8001TRSOPENH	EUR	9,1700	9,1700	9,1700			9,1700					
Certificate	DE000CV4Z9X6	NASDQ 8001TS OPENZ	EUR	11,1550	11,1550	10,1950			10,1950					
Certificate	NL0012677405	NASDQ 8005BS OPENB	EUR	9,9400	9,9450	9,0950	4798,5000	2	9,3350	525				
Certificate	NL0012894562	NASDQ 8015TS OPENH	EUR	10,7000	10,7000	10,7000			10,7000					
Certificate	DE000CV4ZKZ5	NASDQ 8024TS OPENZ	EUR	10,3400	10,3400	9,3800			9,3800					
Certificate	LU1790486127	NASDQ 8027TPIOPENS	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	NL0012992481	NASDQ 8030TS OPENB	EUR	11,6050	11,6050	11,6050			11,6050					
Certificate	NL0012892905	NASDQ 8031TRSOPENH	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	DE000VA4YRX0	NASDQ 8034TS OPENV	EUR	9,3050	9,3050	9,3050			9,3050					
Certificate	NL0012893960	NASDQ 8044TS OPENH	EUR	10,9600	10,9600	10,9600			10,9600					
Certificate	DE000CV8AC88	NASDQ 8050TS 1218Z	EUR	10,5000	10,5000	9,5500			9,5500					
Certificate	NL0012894554	NASDQ 8075TS OPENH	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	NL0013079544	NASDQ 8077TRSOPENH	EUR	9,8400	9,8400	9,8400			9,8400					
Certificate	NL0012892897	NASDQ 8081TRSOPENH	EUR	9,8700	9,8700	9,8700			9,8700					
Certificate	DE000VA4YRY8	NASDQ 8084TS OPENV	EUR	9,7450	9,7450	9,7450			9,7450					
Certificate	NL0012893952	NASDQ 8094TS OPENH	EUR	11,4100	11,4100	11,4100			11,4100					
Certificate	NL0012992226	NASDQ 8105BS OPENB	EUR	10,2000	10,2150	10,2000	1020,0000	1	10,2150	100				
Certificate	NL0012894547	NASDQ 8115TS OPENH	EUR	11,5900	11,5900	11,5900			11,5900					
Certificate	NL0012993406	NASDQ 8120TS OPENB	EUR	12,4250	12,4250	12,4250			12,4250					
Certificate	DE000CV4ZPF6	NASDQ 8126TS OPENZ	EUR	11,2300	11,2300	10,2800			10,2800					
Certificate	NL0012892889	NASDQ 8131TRSOPENH	EUR	10,3100	10,3100	10,3100			10,3100					
Certificate	DE000VA4Y1M1	NASDQ 8132TS OPENV	EUR	10,1950	10,1950	10,1950			10,1950					
Certificate	NL0012893945	NASDQ 8144TS OPENH	EUR	12,7300	12,7300	11,8500	1273,0000	1	11,8500	100				
Certificate	NL0012894539	NASDQ 8175TS OPENH	EUR	12,1300	12,1300	12,1300			12,1300					
Certificate	NL0012892871	NASDQ 8181TRSOPENH	EUR	10,7500	10,7500	10,7500			10,7500					
Certificate	DE000VA4Y1N9	NASDQ 8182TS OPENV	EUR	10,6350	10,6350	10,6350			10,6350					
Certificate	NL0012893937	NASDQ 8194TS OPENH	EUR	12,3000	12,3000	12,3000			12,3000					
Certificate	DE000CP6G3F7	NASDQ 8200TS OPENC	EUR	11,8400	11,8400	11,8400			11,8400					
Certificate	DE000CP6G1P0	NASDQ 8200TS OPENC	EUR	10,8000	10,8000	10,8000			10,8000					
Certificate	DE000CV4ZLC2	NASDQ 8201TS OPENZ	EUR	12,9350	12,9350	11,9750			11,9750					
Certificate	NL0012994362	NASDQ 8205BS OPENB	EUR	11,0950	11,0950	11,0950			11,0950					
Certificate	NL0013003189	NASDQ 8210TS OPENB	EUR	11,7650	11,7650	11,7650			11,7650					
Certificate	NL0012894521	NASDQ 8215TS OPENH	EUR	12,4900	12,4900	12,4900			12,4900					
Certificate	DE000VASRM35	NASDQ 8226TS OPENV	EUR	11,1050	11,1050	11,1050			11,1050					
Certificate	DE000CV4ZPY7	NASDQ 8228TS OPENZ	EUR	12,1200	12,1200	11,1700			11,1700					
Certificate	NL0012892863	NASDQ 8231TRSOPENH	EUR	11,1900	11,1900	11,1900			11,1900					
Certificate	NL0012893929	NASDQ 8244TS OPENH	EUR	12,7500	12,7500	12,7500			12,7500					
Certificate	NL0012894513	NASDQ 8275TS OPENH	EUR	13,0300	13,0300	13,0300			13,0300					
Certificate	DE000VASRM43	NASDQ 8276TS OPENV	EUR	11,5450	11,5450	11,5450			11,5450					
Certificate	NL0012892855	NASDQ 8281TRSOPENH	EUR	11,6300	11,6300	11,6300			11,6300					
Certificate	NL0012893911	NASDQ 8294TS OPENH	EUR	13,2000	13,2000	13,2000			13,2000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1817097402	NASDQ 8308TPIOPENS	EUR	11,6500	11,6500	11,6500			11,6500					
Certificate	NL0013003890	NASDQ 8310TS OPENB	EUR	12,6250	12,6250	12,6250			12,6250					
Certificate	NL0012894505	NASDQ 8315TS OPENH	EUR	13,3900	13,3900	13,3900			13,3900					
Certificate	NL0012892848	NASDQ 8331TRSOPENH	EUR	12,0600	12,0600	12,0600			12,0600					
Certificate	NL0012893903	NASDQ 8344TS OPENH	EUR	13,6500	13,6500	13,6500			13,6500					
Certificate	DE000CV8AC96	NASDQ 8350TS 1218Z	EUR	13,1100	13,1100	12,1800			12,1800					
Certificate	DE000VAV6D393	NASDQ 8371TS OPENV	EUR	12,3850	12,3850	12,3850			12,3850					
Certificate	NL0012894497	NASDQ 8375TS OPENH	EUR	13,9300	13,9300	13,9300			13,9300					
Certificate	NL0012892830	NASDQ 8381TRSOPENH	EUR	12,5000	12,5000	12,5000			12,5000					
Certificate	NL0012893895	NASDQ 8394TS OPENH	EUR	14,1000	14,1000	14,1000			14,1000					
Certificate	DE000CP061Q8	NASDQ 8400TS OPENC	EUR	12,5600	12,5600	12,5600			12,5600					
Certificate	DE000CP063G5	NASDQ 8400TS OPENC	EUR	13,6200	13,6200	13,6200			13,6200					
Certificate	DE000CV4ZQ53	NASDQ 8402TS OPENZ	EUR	14,7150	14,7150	13,7750			13,7750					
Certificate	NL0012894489	NASDQ 8415TS OPENH	EUR	14,2900	14,2900	14,2900			14,2900					
Certificate	DE000VAV6D4A3	NASDQ 8421TS OPENV	EUR	13,6600	13,6600	12,8250	655,6800	1	12,8250	48				
Certificate	DE000CV8B5F5	NASDQ 8429TS OPENZ	EUR	13,8800	13,8800	12,9400			12,9400					
Certificate	NL0012892822	NASDQ 8430TRSOPENH	EUR	12,9400	12,9400	12,9400			12,9400					
Certificate	NL0012892814	NASDQ 8480TRSOPENH	EUR	13,3800	13,3800	13,3800			13,3800					
Certificate	NL0012893887	NASDQ 8494TS OPENH	EUR	15,7600	15,7600	15,0000	1103,2000	1	15,0000	70				
Certificate	DE000CQ58NR1	NASDQ 8500TS OPENC	EUR	13,2300	13,2300	13,2300			13,2300					
Certificate	DE000CQ58AZ1	NASDQ 8500TS OPENC	EUR	14,1600	14,1600	14,1600			14,1600					
Certificate	NL0013003908	NASDQ 8510TS OPENB	EUR	14,5500	14,5500	14,3850	4365,0000	1	14,3850	300				
Certificate	NL0012892806	NASDQ 8530TRSOPENH	EUR	13,8200	13,8200	13,8200			13,8200					
Certificate	NL0012892798	NASDQ 8580TRSOPENH	EUR	14,2600	14,2600	14,2600			14,2600					
Certificate	NL0012893879	NASDQ 8594TS OPENH	EUR	15,8900	15,8900	15,8900			15,8900					
Certificate	DE000CV8BAV7	NASDQ 8629TS OPENZ	EUR	15,6300	15,6300	14,7000			14,7000					
Certificate	NL0012892780	NASDQ 8630TRSOPENH	EUR	14,7000	14,7000	14,7000			14,7000					
Certificate	DE000CV8B6V0	NASDQ 8649TS OPENZ	EUR	16,9100	16,9100	15,9700			15,9700					
Certificate	NL0012892772	NASDQ 8680TRSOPENH	EUR	15,1400	15,1400	15,1400			15,1400					
Certificate	NL0012893861	NASDQ 8694TS OPENH	EUR	16,7900	16,7900	16,7900			16,7900					
Certificate	NL0013003916	NASDQ 8710TS OPENB	EUR	16,1450	16,1450	16,1450			16,1450					
Certificate	DE000CV8BAW5	NASDQ 8729TS OPENZ	EUR	16,5100	16,5100	15,5800			15,5800					
Certificate	NL0012895635	NASDQ 8734TRSOPENH	EUR	15,6100	15,6100	15,6100			15,6100					
Certificate	NL0012893853	NASDQ 8794TS OPENH	EUR	17,6900	17,6900	17,6900			17,6900					
Certificate	DE000CV8BAX3	NASDQ 8829TS OPENZ	EUR	17,3900	17,3900	16,4600			16,4600					
Certificate	NL0012895627	NASDQ 8834TRSOPENH	EUR	16,4900	16,4900	16,4900			16,4900					
Certificate	DE000CV87KA3	NASDQ 8900TS OPENZ	EUR	19,1500	19,1500	18,2250			18,2250					
Certificate	NL0012895619	NASDQ 8934TRSOPENH	EUR	17,3700	17,3700	17,3700			17,3700					
Certificate	DE000CV87QJ1	NASDQ 8937TS OPENZ	EUR	18,3400	18,3400	17,4100			17,4100					
Certificate	DE000CV8ACA9	NASDQ 8950TS 1218Z	EUR	18,3500	18,3500	17,4300			17,4300					
Certificate	NL0012898225	NASDQ 8996TS OPENH	EUR	19,5100	19,5100	19,5100			19,5100					
Certificate	DE000CP061R6	NASDQ 9000TS OPENC	EUR	17,8300	17,8300	17,8300			17,8300					
Certificate	DE000CP063H3	NASDQ 9000TS OPENC	EUR	18,9700	18,9700	18,9700			18,9700					
Certificate	NL0012895601	NASDQ 9034TRSOPENH	EUR	18,2500	18,2500	18,2500			18,2500					
Certificate	NL0012895593	NASDQ 9133TRSOPENH	EUR	19,1200	19,1200	19,1200			19,1200					
Certificate	NL0012898217	NASDQ 9196TS OPENH	EUR	21,3000	21,3000	21,3000			21,3000					
Certificate	NL0012895585	NASDQ 9233TRSOPENH	EUR	20,0000	20,0000	20,0000			20,0000					
Certificate	NL0012905822	NASDQ 9249TS OPENH	EUR	21,7700	21,7700	21,7700			21,7700					
Certificate	NL0012898761	NASDQ 9285TRSOPENH	EUR	20,4600	20,4600	20,4600			20,4600					
Certificate	NL0012905814	NASDQ 9299TS OPENH	EUR	22,2200	22,2200	22,2200			22,2200					
Certificate	NL0012895577	NASDQ 9333TRSOPENH	EUR	20,8800	20,8800	20,8800			20,8800					
Certificate	NL0012905806	NASDQ 9349TS OPENH	EUR	22,6700	22,6700	22,6700			22,6700					
Certificate	NL0012901367	NASDQ 9389TRSOPENH	EUR	21,3700	21,3700	21,3700			21,3700					
Certificate	DE000CV87YE6	NASDQ 9397TS OPENZ	EUR	23,5650	23,5650	22,6450			22,6450					
Certificate	NL0012905798	NASDQ 9399TS OPENH	EUR	23,1200	23,1200	23,1200			23,1200					
Certificate	NL0012895569	NASDQ 9433TRSOPENH	EUR	21,7600	21,7600	21,7600			21,7600					
Certificate	NL0012905780	NASDQ 9449TS OPENH	EUR	23,5700	23,5700	23,5700			23,5700					
Certificate	NL0012905707	NASDQ 9493TRSOPENH	EUR	22,2800	22,2800	22,2800			22,2800					
Certificate	NL0012905772	NASDQ 9499TS OPENH	EUR	24,0200	24,0200	24,0200			24,0200					
Certificate	DE000CV8B6M9	NASDQ 9550TS 1218Z	EUR	23,5900	23,5900	22,6900			22,6900					
Certificate	DE000CV8B482	NASDQ 9740TS OPENZ	EUR	25,3700	25,3700	24,4700			24,4700					
Certificate	DE000CV8AQW3	NASDQ 9887TS OPENZ	EUR	27,9200	27,9200	27,0200			27,0200					
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	DE000VN61Y14	NDX LEVOPENV	EUR	32,3000	34,5650	32,1750	534,1600	2	34,3850	16				
Certificate	DE000VN61Y22	NDX LEVOPENV	EUR	15,5100	16,4150	15,0250	7442,4000	4	16,4150	480				
Certificate	DE000VN61Y30	NDX LEVOPENV	EUR	1,8600	2,2450	1,7500	4586,5700	6	2,1950	2159				
Certificate	DE000VN61Y63	NDX SHROPENV	EUR	0,0077	0,0077	0,0077			0,0077					
Certificate	DE000VA23401	NDX SHROPENV	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	DE000VN61Y55	NDX SHROPENV	EUR	0,0105	0,0105	0,0105			0,0105					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA23419	NDX SHROPNV	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	DE000VNG1Y48	NDX SHROPNV	EUR	0,1900	0,1900	0,1640	355,4000	2	0,1640	2050				
Certificate	DE000VL51274	NDX SHROPNV	EUR	0,0170	0,0170	0,0170			0,0170					
Certificate	NL0010520169	NESTL 58TL OPENB	EUR	25,3450	25,3450	25,3450			25,3450					
Certificate	NL0009071653	NESTL 20.7TL OPENB	EUR	55,9050	55,9050	55,9050			55,9050					
Certificate	NL0009179050	NESTL 29.9TL OPENB	EUR											
Certificate	NL0010044145	NESTL 43.4TL OPENB	EUR	37,3350	37,3350	37,3350			37,3350					
Certificate	NL0010112504	NESTL 46.7TL OPENB	EUR	34,6450	34,6450	34,6450			34,6450					
Certificate	NL0010130415	NESTL 51.8TL OPENB	EUR	30,4550	30,4550	30,4550			30,4550					
Certificate	NL0010894697	NESTL 55.4TL OPENB	EUR	27,5550	28,5750	27,5550			28,5750					
Certificate	NL0011426820	NESTL 64.2TL OPENB	EUR	20,2950	21,3150	20,2950			21,3150					
Certificate	NL0012118814	NESTL 71.1TL OPENB	EUR	14,6950	15,7350	14,6950			15,7350					
Certificate	NL0013014475	NESTL 78.3TL OPENB	EUR	8,7650	9,8050	8,7650			9,8050					
Certificate	NL0012993547	NESTL 84.8TS OPENB	EUR	7,8350	7,8350	6,7750			6,7750					
Certificate	NL0012993554	NESTL 89.8TS OPENB	EUR	12,5750	12,5750	11,5050			11,5050					
Certificate	DE000CV8AS2	NESTL46.99TL OPENZ	EUR	31,5800	32,4400	31,5800			32,4400					
Certificate	DE000CR1JPQ9	NESTL57.11TL OPENZ	EUR	2,2650	2,3550	2,2650	14820,0000	1	2,3550	6500				
Certificate	DE000CR6X5G7	NESTL62.52TL OPENZ	EUR	1,7950	1,8750	1,7950			1,8750					
Certificate	DE000CB9YK73	NESTL67.03TL OPENZ	EUR	1,3850	1,4750	1,3850			1,4750					
Certificate	DE000CV8A849	NESTL76.97TL OPENZ	EUR	5,2700	6,1600	5,2700			6,1600					
Certificate	NL0012907786	NETEA 185TL OPENH	EUR	1,7000	2,0200	1,7000			2,0200					
Certificate	NL0013081763	NETEA 194TL OPENH	EUR											
Certificate	NL0012907778	NETEA 200TL OPENH	EUR											
Certificate	NL0013077977	NETEA 204TL OPENH	EUR											
Certificate	NL0013083165	NETEA 212TL OPENH	EUR											
Certificate	NL0013085160	NETEA 218TL OPENH	EUR											
Certificate	NL0013086234	NETEA 218TS OPENH	EUR	3,3600	3,3600	3,0300			3,0300					
Certificate	NL0013086226	NETEA 224TS OPENH	EUR	3,9200	3,9200	3,5900			3,5900					
Certificate	NL0012907737	NETEA 230TS OPENH	EUR	4,4600	4,4600	4,1400			4,1400					
Certificate	NL0012907729	NETEA 238TS OPENH	EUR	5,2100	5,2100	4,8800			4,8800					
Certificate	NL0012907711	NETEA 244TS OPENH	EUR	5,7700	5,7700	5,4400			5,4400					
Certificate	NL0012907950	NETEA 255TS OPENH	EUR	6,8000	6,8000	6,4800			6,4800					
Certificate	NL0012907703	NETEA 270TS OPENH	EUR	8,1900	8,1900	7,8800			7,8800					
Certificate	DE000CV8AXU3	NETEA148.3TL OPENZ	EUR	0,9250	0,9950	0,9250			0,9950					
Certificate	DE000CV8AT71	NETEA169.5TL OPENZ	EUR	0,5750	0,6450	0,5750			0,6450					
Certificate	DE000CJ3NKS4	NETEA190.5TL OPENZ	EUR	0,2250	0,2950	0,2250			0,2950					
Certificate	DE000CN6KTU4	NEWMG 28TL OPENZ	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CN6HEM9	NEWMG15.22TL OPENZ	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	DE000CN6GBE4	NEWMG17.09TL OPENZ	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	DE000CN6JOI9	NEWMG18.73TL OPENZ	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	DE000CN6JAR2	NEWMG22.56TL OPENZ	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000VL23R46	NG1 SHROPNV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VA23435	NG1 SHROPNV	EUR	0,3120	0,3120	0,3120			0,3120					
Certificate	DE000VL23R38	NG1 3 LEVOPNV	EUR	0,4620	0,4620	0,4620			0,4620					
Certificate	DE000VL23R20	NG1 3 LEVOPNV	EUR	0,0060	0,0060	0,0060			0,0060					
Certificate	NL0012507388	NGAS 2TL OPENB	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	NL0012676597	NGAS 2.5TL OPENB	EUR	1,6650	1,6650	1,6650			1,6650					
Certificate	NL0012680318	NGAS 3.5TS OPENB	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	NL0012695969	NGAS 2.26TL OPENB	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	DE000CV4ZSN4	NGAS 2.122TL OPENZ	EUR	1,0800	1,1050	1,0800			1,1050					
Certificate	DE000CE6BRE2	NGAS 2.452TL OPENZ	EUR	0,8050	0,8250	0,8050			0,8250					
Certificate	DE000CE6DG06	NGAS 3.534TS OPENZ	EUR	0,4450	0,4450	0,4250			0,4250					
Certificate	DE000CE6CBG9	NGAS 3.904TS OPENZ	EUR	0,7900	0,7900	0,7750			0,7750					
Certificate	DE000CV4ZQA5	NGRID5.582TL OPENZ	EUR	1,5900	1,6100	1,5900			1,6100					
Certificate	DE000CR1JPX5	NGRID6.797TL OPENZ	EUR	0,9100	0,9300	0,9100			0,9300					
Certificate	DE000CV88616	NIBC 6.1TL OPENZ	EUR	2,2250	2,2250	2,2250			2,2250					
Certificate	DE000CV88608	NIBC 5.46TL OPENZ	EUR	2,8250	2,8250	2,8250			2,8250					
Certificate	DE000CV88624	NIBC 6.85TL OPENZ	EUR	1,5250	1,5250	1,5250			1,5250					
Certificate	DE000CV88632	NIBC 7.38TL OPENZ	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	DE000CX595G6	NIKE 50TL OPENC	EUR											
Certificate	DE000CR6YBE3	NIKE 46.2TL OPENZ	EUR	4,6100	4,7900	4,6100			4,7900					
Certificate	NL0011900832	NIKE 48.52TL OPENB	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CR6YBFO	NIKE 49.99TL OPENZ	EUR	3,9500	4,1300	3,9500			4,1300					
Certificate	NL0006467656	NIKEI 4840TL OPENB	EUR	131,9400	131,9400	131,9400			131,9400					
Certificate	NL0009067875	NIKEI 6030TL OPENB	EUR	123,7000	123,7000	123,7000			123,7000					
Certificate	DE000CM3ZVH3	NIKEI 6440TL OPENZ	EUR	1,1750	1,2050	1,1750			1,2050					
Certificate	NL0009071216	NIKEI 6730TL OPENB	EUR	118,4500	118,4500	118,4500			118,4500					
Certificate	NL00090702828	NIKEI 7240TL OPENB	EUR	114,6200	114,6200	114,6200			114,6200					
Certificate	DE000CM74HE8	NIKEI 8590TL OPENZ	EUR	1,0150	1,0350	1,0150			1,0350					
Certificate	NL0010376992	NIKEI11120TL OPENB	EUR	85,4000	85,4000	85,4000			85,4000					
Certificate	NL0010376976	NIKEI11680TL OPENB	EUR	81,2000	81,2000	81,2000			81,2000					
Certificate	DE000CZ2GBV3	NIKEI12136TL OPENZ	EUR	7,1700	7,4500	7,1700			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
Certificate	NL0010898698	NIKE12660TL OPENB	EUR	73,8650	73,8650	73,8650			73,8650					
Certificate	DE000C22GBW1	NIKE12710TL OPENZ	EUR	6,7200	7,0000	6,7200			7,0000					
Certificate	DE000C22GBX9	NIKE13285TL OPENZ	EUR	6,2700	6,5500	6,2700			6,5500					
Certificate	DE000CF3A3L7	NIKE13319TL OPENC	EUR	6,4900	6,4900	6,4900			6,4900					
Certificate	DE000C22GBY7	NIKE13860TL OPENZ	EUR	5,8200	6,1100	5,8200			6,1100					
Certificate	DE000CX00922	NIKE14000TL OPENC	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	DE000CF80D50	NIKE14038TL OPENC	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	NL0011805031	NIKE14400TL OPENB	EUR	60,7650	60,7650	60,7650			60,7650					
Certificate	DE000CX00930	NIKE14500TL OPENC	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	DE000CX008W7	NIKE14500TL OPENC	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	DE000CR6XNP6	NIKE14933TL OPENZ	EUR	4,9850	5,2750	4,9850			5,2750					
Certificate	DE000CR6XNQ4	NIKE15474TL OPENZ	EUR	4,5550	4,8450	4,5550			4,8450					
Certificate	NL0012262158	NIKE17400TL OPENB	EUR	38,1850	38,1850	38,1850			38,1850					
Certificate	NL0012262166	NIKE17910TL OPENB	EUR	33,9200	34,3250	33,9200	3392,0000	1	34,3250	100				
Certificate	NL0012262174	NIKE18430TL OPENB	EUR	30,4650	30,4650	30,4650			30,4650					
Certificate	NL0012262182	NIKE18940TL OPENB	EUR	24,0800	26,6050	24,0800	144,4800	1	26,6050	6				
Certificate	NL0012512461	NIKE19440TL OPENB	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	NL0012512479	NIKE19950TL OPENB	EUR	1,7900	1,9100	1,7900	1110,0000	2	1,9050	600				
Certificate	DE000CY52780	NIKE20000TL OPENC	EUR	1,0100	1,0200	1,0000	353,5000	1	1,0200	350				
Certificate	NL0012777528	NIKE20610TL OPENB	EUR	1,1800	1,4050	1,1650	255,8000	3	1,4050	202				
Certificate	NL0012781116	NIKE21100TL OPENB	EUR	0,8000	1,0350	0,7850	711,2500	2	1,0350	725				
Certificate	NL0012980304	NIKE21620TL OPENB	EUR											
Certificate	NL0012700371	NIKE24860TS OPENB	EUR	3,3700	3,3750	3,3350	37,0700	1	3,3350	11				
Certificate	DE000CY527C7	NIKE25000TS OPENC	EUR											
Certificate	DE000CQ5A3E7	NIKE26000TS OPENC	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	DE000VN61Z39	NIKKE LEVOPENV	EUR	8,2950	8,2950	8,2950			8,2950					
Certificate	DE000VN61Z47	NIKKE LEVOPENV	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000VN61Z54	NIKKE LEVOPENV	EUR	0,2860	0,2920	0,2840	114,4000	1	0,2920	400				
Certificate	DE000VA54513	NIKKE SHROPENV	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	DE000VN61Z62	NIKKE SHROPENV	EUR	0,6210	0,6210	0,6210			0,6210					
Certificate	DE000VN61Z70	NIKKE SHROPENV	EUR	0,0580	0,0580	0,0580			0,0580					
Certificate	DE000VN61Z88	NIKKE SHROPENV	EUR	0,0070	0,0070	0,0070			0,0070					
Certificate	DE000VA54505	NIKKE SHROPENV	EUR	5,6250	5,6250	5,6250			5,6250					
Certificate	NL0000451920	NIKKEI CT OPENN	EUR	16,9200	16,9200	16,9200			16,9200					
Certificate	DE000CV8A5R1	NINTE25731TL OPENZ	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	DE000CV8A5S9	NINTE30014TL OPENZ	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000CV8A2S2	NINTE34286TL OPENZ	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CJ3NMU6	NINTE38564TL OPENZ	EUR											
Certificate	DE000CV8B6B2	NINTE38703TL OPENZ	EUR											
Certificate	NL0011232475	NIYZ 12285TRLOPENH	EUR	7,3100	7,3100	7,3100			7,3100					
Certificate	NL0011232467	NIYZ 14503TRLOPENH	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0011231865	NIYZ 24910TS OPENH	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	NL0011231857	NIYZ 26780TS OPENH	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	DE000CY51MC5	NKOYJ 4TL OPENC	EUR											
Certificate	DE000CX0KT17	NKOYJ 4TL OPENC	EUR											
Certificate	DE000CY51F20	NKOYJ 4TL OPENC	EUR											
Certificate	DE000CY517D6	NKOYJ 5TL OPENC	EUR											
Certificate	DE000CY514V5	NKOYJ 5TL OPENC	EUR											
Certificate	NL0013014277	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	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CY514X1	NKOYJ 6TS OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CX0KTV3	NKOYJ 6TS OPENC	EUR											
Certificate	NL0012512206	NKOYJ 3.2TL OPENB	EUR											
Certificate	DE000CY51WJ9	NKOYJ 3.5TL OPENC	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CY51TQ0	NKOYJ 3.5TL OPENC	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	NL0012680623	NKOYJ 3.7TL OPENB	EUR											
Certificate	NL0012782783	NKOYJ 4.3TL OPENB	EUR											
Certificate	DE000CX0KTU5	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CY517C8	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CY514U7	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CY52254	NKOYJ 4.5TS OPENC	EUR											
Certificate	DE000CY51V43	NKOYJ 4.6TS OPENC	EUR											
Certificate	DE000CY51WK7	NKOYJ 4.8TS OPENC	EUR											
Certificate	NL0012993562	NKOYJ 4.9TS OPENB	EUR											
Certificate	DE000CX0KWT1	NKOYJ 5.5TS OPENC	EUR											
Certificate	DE000CY517E4	NKOYJ 5.5TS OPENC	EUR											
Certificate	DE000CY514W3	NKOYJ 5.5TS OPENC	EUR											
Certificate	NL0012979363	NKOYJ 6.9TS OPENB	EUR											
Certificate	DE000CC8ABQ0	NKOYJ 7.3TS 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	DE000CY52A96	NKOYJ 3.75TL OPENC	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	NL0012988869	NKOYJ 3.82BL OPENB	EUR											
Certificate	DE000CY52W74	NKOYJ 4.25TL OPENC	EUR	0,4000	0,5100	0,4000	80,0000	1	0,5100		200			
Certificate	DE000CY52111	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY52R63	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY522R6	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY52AA2	NKOYJ 4.25TS OPENC	EUR											
Certificate	DE000CY51AZ1	NKOYJ 4.75TL OPENC	EUR											
Certificate	DE000CY51CT0	NKOYJ 4.75TL OPENC	EUR											
Certificate	DE000CY51G00	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51CU8	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51B05	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51MD3	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CD63FT2	NKOYJ3.001TL OPENZ	EUR	1,7150	1,7150	1,7150				1,7150				
Certificate	DE000CN6LF81	NKOYJ3.355TL OPENZ	EUR	1,3650	1,3650	1,3650				1,3650				
Certificate	DE000CF3ALZ8	NKOYJ3.701TL OPENC	EUR	1,1800	1,1800	1,1800				1,1800				
Certificate	DE000CD63U29	NKOYJ3.706TL OPENZ	EUR	0,9400	1,0150	0,9400	2917,0000	2		1,0150	3100			
Certificate	DE000CV4ZUS9	NKOYJ4.007TL OPENZ	EUR	0,7150	0,7150	0,7150				0,7150				
Certificate	NL0012984298	NKOYJ4.072BL OPENB	EUR											
Certificate	DE000CJ3N8L3	NKOYJ4.303TL OPENZ	EUR	0,2700	0,4250	0,2700	1240,0000	2	0,4250		4000			
Certificate	NL0012977631	NKOYJ4.323BL OPENB	EUR											
Certificate	DE000CJ3PEK9	NKOYJ4.652TL OPENZ	EUR											
Certificate	NL0012984363	NKOYJ5.036BS OPENB	EUR											
Certificate	DE000CV8ADY7	NKOYJ5.215TS OPENZ	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	NL0012977862	NKOYJ5.531BS OPENB	EUR											
Certificate	DE000CV87SN9	NKOYJ5.717TS OPENZ	EUR	1,0250	1,0250	1,0250				1,0250				
Certificate	DE000CV89911	NKOYJ6.213TS OPENZ	EUR	1,5150	1,5150	1,5150				1,5150				
Certificate	DE000CY16L49	NNGRP 25TL OPENC	EUR	15,1000	15,1000	15,1000				15,1000				
Certificate	DE000CY514S1	NNGRP 28TL OPENC	EUR	10,8500	10,8500	10,8500				10,8500				
Certificate	DE000CY51782	NNGRP 28TL OPENC	EUR	11,3200	11,3200	11,3200				11,3200				
Certificate	DE000CY520Y6	NNGRP 29TL OPENC	EUR	9,9000	9,9000	9,9000				9,9000				
Certificate	DE000CY514T9	NNGRP 30TL OPENC	EUR	8,8200	8,8200	8,8200				8,8200				
Certificate	DE000CY51790	NNGRP 30TL OPENC	EUR	9,1500	9,3600	9,1500	2635,2000	1		9,3600	288			
Certificate	DE000CY520Z3	NNGRP 31TL OPENC	EUR	7,8700	7,8700	7,8700				7,8700				
Certificate	DE000CY522P0	NNGRP 31TL OPENC	EUR	8,4400	8,4400	8,4400				8,4400				
Certificate	DE000CY517A2	NNGRP 32TL OPENC	EUR	7,3900	7,3900	7,3900				7,3900				
Certificate	DE000CY51AY4	NNGRP 32TL OPENC	EUR	6,8100	6,8100	6,8100				6,8100				
Certificate	NL0012236202	NNGRP 33BON1218Z	EUR	37,1750	37,4550	37,1750				37,4550				
Certificate	DE000CY51CQ6	NNGRP 33TL OPENC	EUR	6,4200	6,4200	6,4200				6,4200				
Certificate	DE000CY52103	NNGRP 33TL OPENC	EUR	5,8500	5,8500	5,8500				5,8500				
Certificate	DE000CY51H74	NNGRP 34TL OPENC	EUR	5,4500	5,4500	5,4500				5,4500				
Certificate	DE000CY51KH8	NNGRP 34TL OPENC	EUR	4,8200	4,8200	4,8200				4,8200				
Certificate	DE000CP06KP3	NNGRP 34TL OPENC	EUR	3,7300	3,7300	3,7300				3,7300				
Certificate	DE000CP060T4	NNGRP 35TL OPENC	EUR	2,7200	2,7200	2,7200				2,7200				
Certificate	DE000CP062Q6	NNGRP 35TL OPENC	EUR	3,3900	3,3900	3,3900				3,3900				
Certificate	DE000CQ5ATE8	NNGRP 35TL OPENC	EUR											
Certificate	DE000CQ58PR6	NNGRP 35TL OPENC	EUR	3,2200	3,2200	3,2200				3,2200				
Certificate	DE000CQ5AHU9	NNGRP 35TL OPENC	EUR											
Certificate	DE000CQ5AQ36	NNGRP 36TL OPENC	EUR											
Certificate	DE000CP06KV1	NNGRP 36TL OPENC	EUR	1,7300	1,7300	1,7300				1,7300				
Certificate	NL0012648430	NNGRP 40B0C0619Z	EUR	38,3650	38,5950	38,3650				38,5950				
Certificate	DE000CP06U74	NNGRP 40TS OPENC	EUR	3,3100	3,3100	3,3100				3,3100				
Certificate	NL0012649107	NNGRP 42B0C0619Z	EUR	39,9900	40,2650	39,9900				40,2650				
Certificate	DE000CY52C03	NNGRP 43TS OPENC	EUR	4,8300	4,8300	4,8300				4,8300				
Certificate	DE000CY52R55	NNGRP 44TS OPENC	EUR	5,0500	5,0500	5,0500				5,0500				
Certificate	DE000CQ583N7	NNGRP 44TS OPENC	EUR	6,2400	6,2400	6,2400				6,2400				
Certificate	DE000CP064Z3	NNGRP 45TS OPENC	EUR	9,1800	9,1800	9,1800				9,1800				
Certificate	DE000CQ5ATF5	NNGRP 45TS OPENC	EUR	7,1800	7,1800	7,1800				7,1800				
Certificate	DE000CQ5AX52	NNGRP 46TS OPENC	EUR	7,2500	7,2500	7,2500				7,2500				
Certificate	NL0011228390	NNGRP 13.6TL OPENH	EUR	2,4600	2,4900	2,4600				2,4900				
Certificate	NL0011926969	NNGRP 19.7TL OPENH	EUR	1,9000	1,9300	1,9000				1,9300				
Certificate	NL0011934807	NNGRP 20.7TL OPENH	EUR	1,8100	1,8400	1,8100				1,8400				
Certificate	NL0011971262	NNGRP 22.2TL OPENH	EUR	1,6700	1,7100	1,6700				1,7100				
Certificate	NL0011919253	NNGRP 23.1TL OPENB	EUR	15,8850	15,8850	15,8850				15,8850				
Certificate	DE000CY16HR6	NNGRP 27.5TL OPENC	EUR	12,5500	12,5500	12,5500				12,5500				
Certificate	NL0012276000	NNGRP 29.2TL OPENB	EUR	10,2050	10,2050	10,2050				10,2050				
Certificate	NL0012276653	NNGRP 30.8BL OPENB	EUR	6,8150	6,8150	6,8150				6,8150				
Certificate	NL0012438295	NNGRP 30.9TL OPENH	EUR	0,8800	0,9100	0,8800				0,9100				
Certificate	NL0012522403	NNGRP 32.9TL OPENH	EUR	0,7000	0,7300	0,7000				0,7300				
Certificate	DE000CJ3NJV0	NNGRP 36.2TL OPENZ	EUR	0,1900	0,2500	0,1900				0,2500				
Certificate	NL0012889976	NNGRP 36.3TL OPENH	EUR	0,3900	0,4200	0,3900				0,4200				
Certificate	NL0012236293	NNGRP 38.5B0C1218Z	EUR	38,1200	38,2100	38,1200				38,2100				



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	NL0012795751	NNGRP 40.5BOC09192	EUR	36,7300	37,0400	36,7300			37,0400					
Certificate	NL0012649099	NNGRP 40.5BOC1218Z	EUR	39,7900	39,9300	39,7900			39,9300					
Certificate	NL0012783062	NNGRP 42.1BS OPENB	EUR	4,9850	4,9850	4,9850			4,9850					
Certificate	NL0013000508	NNGRP 44.1BS OPENB	EUR	6,9850	6,9850	6,9850			6,9850					
Certificate	NL0011228382	NNGRP15.72TL OPENH	EUR	2,2600	2,3000	2,2600			2,3000					
Certificate	NL0011904743	NNGRP16.84TL OPENB	EUR	21,7050	21,7050	21,7050			21,7050					
Certificate	NL0011228374	NNGRP17.84TL OPENH	EUR	2,0700	2,1000	2,0700			2,1000					
Certificate	NL0011086939	NNGRP17.89TL OPENB	EUR	20,7250	20,7250	20,7250			20,7250					
Certificate	NL0011228366	NNGRP18.89TL OPENH	EUR	1,9700	2,0100	1,9700			2,0100					
Certificate	NL0011086947	NNGRP18.98TL OPENB	EUR	19,7150	19,7150	19,7150			19,7150					
Certificate	DE000CR4HHV4	NNGRP19.74TL OPENZ	EUR	3,4600	3,5200	3,4600			3,5200					
Certificate	NL0011907548	NNGRP20.35BL OPENB	EUR	17,2250	17,2250	17,2250			17,2250					
Certificate	DE000CD625G5	NNGRP21.28TL OPENZ	EUR	3,1500	3,2100	3,1500			3,2100					
Certificate	NL0011918453	NNGRP22.47BL OPENB	EUR	15,1450	15,1450	15,1450			15,1450					
Certificate	NL0011971254	NNGRP22.74TL OPENH	EUR	1,6200	1,6600	1,6200			1,6600					
Certificate	DE000CD62QM6	NNGRP22.78TL OPENZ	EUR	2,8500	2,9100	2,8500			2,9100					
Certificate	NL0011971783	NNGRP23.25TL OPENH	EUR	1,5800	1,6100	1,5800			1,6100					
Certificate	NL0012030563	NNGRP24.11TL OPENB	EUR	14,9450	14,9450	14,9450			14,9450					
Certificate	NL0011994132	NNGRP24.27TL OPENH	EUR	1,4800	1,5200	1,4800			1,5200					
Certificate	DE000CD62557	NNGRP24.27TL OPENZ	EUR	2,5500	2,6200	2,5500			2,6200					
Certificate	NL0012029698	NNGRP24.57BL OPENB	EUR	13,0350	13,0350	13,0350			13,0350					
Certificate	NL0011994124	NNGRP24.78TL OPENH	EUR	1,4400	1,4700	1,4400			1,4700					
Certificate	NL0012030571	NNGRP25.13TL OPENB	EUR	13,9950	13,9950	13,9950			13,9950					
Certificate	NL0011994116	NNGRP25.31TL OPENH	EUR	1,3900	1,4200	1,3900			1,4200					
Certificate	NL0012033633	NNGRP25.62BL OPENB	EUR	11,9850	11,9850	11,9850			11,9850					
Certificate	NL0011994108	NNGRP25.81TL OPENH	EUR	1,3400	1,3800	1,3400			1,3800					
Certificate	NL0012259634	NNGRP26.15TL OPENB	EUR	13,0450	13,0450	13,0450			13,0450					
Certificate	DE000CD63PY1	NNGRP26.26TL OPENZ	EUR	2,1600	2,2200	2,1600			2,2200					
Certificate	NL0012258958	NNGRP26.66BL OPENB	EUR	10,9450	10,9450	10,9450			10,9450					
Certificate	NL0012259642	NNGRP27.18TL OPENB	EUR	12,0850	12,0850	12,0850			12,0850					
Certificate	NL0012330658	NNGRP27.82TL OPENH	EUR	1,1600	1,1900	1,1600			1,1900					
Certificate	DE000CE6CHX1	NNGRP28.27TL OPENZ	EUR	1,7400	1,8100	1,7400			1,8100					
Certificate	NL0012275135	NNGRP28.73BL OPENB	EUR	8,8750	8,8750	8,8750			8,8750					
Certificate	NL0012365423	NNGRP29.88TL OPENH	EUR	0,9700	1,0100	0,9700			1,0100					
Certificate	DE000CE6D7T2	NNGRP30.24TL OPENZ	EUR	1,3700	1,4300	1,3700			1,4300					
Certificate	NL0012277685	NNGRP31.23TL OPENB	EUR	8,3150	8,3150	8,3150			8,3150					
Certificate	NL0012494249	NNGRP31.82BL OPENB	EUR	5,7850	5,7850	5,7850			5,7850					
Certificate	NL0012517734	NNGRP31.91TL OPENH	EUR	0,7900	0,8200	0,7900			0,8200					
Certificate	DE000CE6E275	NNGRP32.23TL OPENZ	EUR	0,9700	1,0300	0,9700			1,0300					
Certificate	NL0012497168	NNGRP32.85BL OPENB	EUR	4,7550	4,7550	4,7550			4,7550					
Certificate	NL0012689327	NNGRP33.27TL OPENB	EUR	6,4250	6,4250	6,4250			6,4250					
Certificate	LU1612062452	NNGRP33.66TCIOPENS	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	NL0012979694	NNGRP33.96BL OPENB	EUR	3,6550	3,6550	3,6550			3,6550					
Certificate	DE000CV89XX4	NNGRP34.21TL OPENZ	EUR	0,5800	0,6400	0,5800			0,6400					
Certificate	LU1650877472	NNGRP34.33TCIOPENS	EUR	3,7800	4,1500	3,7800	1753,9200	1	4,1500	464				
Certificate	NL0012929111	NNGRP34.57TL OPENH	EUR	0,5500	0,5800	0,5500			0,5800					
Certificate	NL0012981310	NNGRP34.96BL OPENB	EUR	2,6450	2,6450	2,6450			2,6450					
Certificate	LU1790500489	NNGRP35.16TCIOPENS	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	NL0012982409	NNGRP35.37TL OPENB	EUR	4,4550	4,4550	4,4550			4,4550					
Certificate	NL0012991038	NNGRP35.96BL OPENB	EUR	1,6600	1,6600	1,6350	3320,0000	1	1,6450	2000				
Certificate	LU1817218123	NNGRP36.14TCIOPENS	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	LU1790692021	NNGRP36.15TCIOPENS	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	NL0013000383	NNGRP36.96BL OPENB	EUR											
Certificate	LU1840350141	NNGRP37.31TCIOPENS	EUR											
Certificate	NL0013000748	NNGRP37.37TL OPENB	EUR											
Certificate	NL0013013501	NNGRP37.96BL OPENB	EUR											
Certificate	NL0013015035	NNGRP38.14BS OPENB	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	LU1859830991	NNGRP38.94TCIOPENS	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	NL0012780142	NNGRP40.13BS OPENB	EUR	3,5800	3,5800	3,0150	5285,0000	2	3,0150	1500				
Certificate	DE000CE6F5G7	NNGRP40.57TS OPENZ	EUR	0,7600	0,7600	0,7000			0,7000					
Certificate	NL0012692784	NNGRP40.67TS OPENB	EUR	6,6050	6,6050	6,6050			6,6050					
Certificate	NL0012900799	NNGRP40.82TS OPENH	EUR	0,8400	0,8400	0,8100			0,8100					
Certificate	LU1840349051	NNGRP40.97TCIOPENS	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	NL0012369847	NNGRP41.05TS OPENH	EUR	0,8700	0,8700	0,8300			0,8300					
Certificate	NL0012374235	NNGRP41.11TS OPENH	EUR	0,8700	0,8700	0,8400			0,8400					
Certificate	NL0012849442	NNGRP41.22TS OPENH	EUR	0,8900	0,8900	0,8500			0,8500					
Certificate	NL0012610216	NNGRP41.24TS OPENH	EUR	0,8900	0,8900	0,8500			0,8500					
Certificate	LU1859714732	NNGRP41.54TCIOPENS	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	NL0012786115	NNGRP43.67TS OPENB	EUR	9,8450	9,8450	9,8450			9,8450					
Certificate	NL0012615629	NNGRP44.17TS OPENH	EUR	1,2100	1,2100	1,1800			1,1800					
Certificate	NL0012606735	NNGRP44.18TS OPENH	EUR	1,2100	1,2100	1,1800			1,1800					
Certificate	NL0012545677	NNGRP45.51TS OPENH	EUR	1,3600	1,3600	1,3300			1,3300					



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	DE000CV88AM7	NNGRP45.56TS OPENZ	EUR	1,7500	1,7500	1,6900			1,6900					
Certificate	DE000C3N5C1	NNGRP50.06TS OPENZ	EUR	2,6500	2,6500	2,5900			2,5900					
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	DE000CN6JYB6	NORSK31.45TL OPENZ	EUR	0,9650	1,0400	0,9300	232,5000	1	1,0400	250				
Certificate	DE000CD63RE9	NORSK37.68TL OPENZ	EUR	0,2600	0,3900	0,2600	572,0000	1	0,3900	2200				
Certificate	DE000CD63HV4	NOVAR 53.TL OPENZ	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CE6BM83	NOVAR 72.TL OPENZ	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CV8A5F6	NOVAR102.8TS OPENZ	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000C33PF05	NOVAR112.9TS OPENZ	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	DE000CN6J869	NOVAR59.02TL OPENZ	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	DE000CN6GLB9	NOVAR65.11TL OPENZ	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000CV8A5E9	NOVAR76.95TL OPENZ	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000C33PF24	NOVAR82.94TL OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CE6DQ12	NOVAR92.84TS OPENZ	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	XS1605325999	NOVON STN0827K	EUR											
Certificate	NL0011998018	NOVON 216.TL OPENH	EUR	10,6600	10,7900	10,6600			10,7900					
Certificate	NL0012201354	NOVON 221.TL OPENH	EUR	10,0500	10,1800	10,0500			10,1800					
Certificate	DE000CE6CMD3	NOVON 250.TL OPENZ	EUR	0,3400	0,3750	0,3400			0,3750					
Certificate	NL0012608582	NOVON 296.TS OPENH	EUR											
Certificate	NL0012583637	NOVON 344.TS OPENH	EUR	14,2000	14,2000	14,0900			14,0900					
Certificate	NL0012583611	NOVON 408.TS OPENH	EUR	23,7300	23,7300	23,6100			23,6100					
Certificate	NL0012094098	NOVON150.1TL OPENH	EUR	18,6600	18,8300	18,6600			18,8300					
Certificate	NL0011989132	NOVON171.3TL OPENH	EUR	16,1100	16,2400	16,1100			16,2400					
Certificate	NL0011997358	NOVON190.2TL OPENH	EUR	13,8000	13,9300	13,8000			13,9300					
Certificate	NL0011997341	NOVON200.6TL OPENH	EUR	12,5400	12,6700	12,5400			12,6700					
Certificate	DE000CE6CBD6	NOVON204.2TL OPENZ	EUR	0,9500	0,9850	0,9500			0,9850					
Certificate	NL0011997770	NOVON205.7TL OPENH	EUR	11,9100	12,0400	11,9100			12,0400					
Certificate	NL0011997929	NOVON210.8TL OPENH	EUR	11,2900	11,4200	11,2900			11,4200					
Certificate	DE000CE6CBV8	NOVON226.2TL OPENZ	EUR	0,6500	0,6950	0,6500			0,6950					
Certificate	NL0012208847	NOVON231.1TL OPENH	EUR	8,8100	8,9500	8,8100			8,9500					
Certificate	NL0012210678	NOVON241.3TL OPENH	EUR	7,5800	7,7100	7,5800			7,7100					
Certificate	NL0012240204	NOVON251.3TL OPENH	EUR	6,3600	6,4900	6,3600			6,4900					
Certificate	NL0012431613	NOVON256.5TL OPENH	EUR	5,6800	5,8500	5,6800			5,8500					
Certificate	NL0012431605	NOVON261.6TL OPENH	EUR	5,1200	5,2300	5,1200			5,2300					
Certificate	NL0013081755	NOVON280.1TS OPENH	EUR											
Certificate	NL0013085152	NOVON285.1TS OPENH	EUR	5,4900	5,4900	5,3700			5,3700					
Certificate	NL0012907943	NOVON295.1TS OPENH	EUR	6,9500	6,9500	6,8300			6,8300					
Certificate	NL0012901151	NOVON313.2TS OPENH	EUR	9,6200	9,6200	9,5100			9,5100					
Certificate	NL0012934236	NOVON321.5TS OPENH	EUR	10,8900	10,8900	10,7400			10,7400					
Certificate	NL0012562151	NOVON328.2TS OPENH	EUR	11,8600	11,8600	11,7500			11,7500					
Certificate	NL0012931257	NOVON336.2TS OPENH	EUR	13,0400	13,0400	12,9300			12,9300					
Certificate	NL0012601868	NOVON344.1TS OPENH	EUR	14,2600	14,2600	14,1100			14,1100					
Certificate	NL0012598593	NOVON344.8TS OPENH	EUR	14,3200	14,3200	14,2000			14,2000					
Certificate	NL0012846687	NOVON344.9TS OPENH	EUR	14,3100	14,3100	14,2200			14,2200					
Certificate	NL0011933973	NOVON345.3TS OPENH	EUR	14,4300	14,4300	14,2800			14,2800					
Certificate	NL0012545685	NOVON355.7TS OPENH	EUR	15,9400	15,9400	15,8300			15,8300					
Certificate	NL0011407184	NOVON359.4TS OPENH	EUR	16,4900	16,4900	16,3800			16,3800					
Certificate	NL0012556153	NOVON377.1TS OPENH	EUR	19,1600	19,1600	19,0100			19,0100					
Certificate	NL0012583629	NOVON378.5TS OPENH	EUR	19,3600	19,3600	19,2100			19,2100					
Certificate	NL0012536718	NOVON384.4TS OPENH	EUR	20,2200	20,2200	20,1000			20,1000					
Certificate	NL0012523922	NOVON385.1TS OPENH	EUR	20,3100	20,3100	20,2000			20,2000					
Certificate	NL0012556146	NOVON406.6TS OPENH	EUR	23,5100	23,5100	23,3900			23,3900					
Certificate	NL0012556138	NOVON426.2TS OPENH	EUR	26,4700	26,4700	26,3200			26,3200					
Certificate	DE000CE6CQR4	NSTec20.29TL OPENZ	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CE6CQO6	NSTec22.81TL OPENZ	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CE6CNU5	NSTec25.31TL OPENZ	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CE6CNT7	NSTec27.89TL OPENZ	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000CV4Z1C7	NSTec30.56TL OPENZ	EUR	6,0850	6,0850	6,0850			6,0850					
Certificate	DE000CV8B2W7	NSTec32.71TL OPENZ	EUR	4,0950	4,0950	4,0950			4,0950					
Certificate	NL0010443446	NTFLX 39TL OPENB	EUR	170,2100	170,2100	170,2100			170,2100					
Certificate	NL0010516274	NTFLX 45TL OPENB	EUR	166,9000	166,9000	166,9000			166,9000					
Certificate	DE000CY50RN3	NTFLX 160TL OPENC	EUR	12,0300	12,2900	12,0100	2406,0000	1	12,2900	200				
Certificate	DE000CY51DM3	NTFLX 170TL OPENC	EUR	11,4700	11,4700	11,4700			11,4700					
Certificate	DE000CY52AQ8	NTFLX 180TL OPENC	EUR	10,7300	10,7300	10,7300			10,7300					
Certificate	DE000CY52PG7	NTFLX 200TL OPENC	EUR	8,7800	9,0100	8,7800	1747,2200	1	9,0100	199				
Certificate	DE000CY52PB8	NTFLX 220TL OPENC	EUR	9,6300	9,6300	9,6300			9,6300					
Certificate	DE000CY52PH5	NTFLX 225TL OPENC	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000CY52PC6	NTFLX 235TL OPENC	EUR	8,4200	8,4200	8,4200			8,4200					
Certificate	DE000CQ5A6F7	NTFLX 240TL OPENC	EUR	5,4700	5,4700	5,4700			5,4700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CQ5A9F1	NTFLX 240TL OPENC	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	DE000CQ5A1Z6	NTFLX 250TL OPENC	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	DE000CQ5A9G9	NTFLX 260TL OPENC	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	DE000VASRH16	NTFLX 260TL OPENV	EUR	5,3950	5,3950	5,3950			5,3950					
Certificate	DE000VASRHC6	NTFLX 265TL OPENV	EUR	4,9695	4,9695	4,9695			4,9695					
Certificate	DE000CV8AEB3	NTFLX 270TL 1218Z	EUR	1,9400	1,9400	1,9150	194,0000	1	1,9150	100				
Certificate	DE000CQ5ALK2	NTFLX 270TL OPENC	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	DE000CQ5AJB5	NTFLX 270TL OPENC	EUR	3,1400	3,1400	2,8600	94,2000	1	2,8600	30				
Certificate	DE000VASRG33	NTFLX 270TL OPENV	EUR	4,5365	4,5365	4,5365			4,5365					
Certificate	DE000VA4YYH9	NTFLX 275TL OPENV	EUR	2,9305	2,9305	2,9305			2,9305					
Certificate	DE000VA4YYB2	NTFLX 275TL OPENV	EUR	4,0575	4,0575	4,0575			4,0575					
Certificate	DE000CQ5AJC3	NTFLX 280TL OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CQ5ALL0	NTFLX 280TL OPENC	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000VA4YVD8	NTFLX 280TL OPENV	EUR	3,6325	3,6325	3,6325			3,6325					
Certificate	DE000VA4YVK3	NTFLX 280TL OPENV	EUR	2,4845	2,4845	2,4845			2,4845					
Certificate	DE000VA4YVF3	NTFLX 285TL OPENV	EUR	3,2085	3,2085	3,2085			3,2085					
Certificate	DE000VA4YVL1	NTFLX 285TL OPENV	EUR	2,0990	2,2315	2,0880	431,6000	2	2,1425	200				
Certificate	DE000CQ5AQ77	NTFLX 290TL OPENC	EUR	1,3700	1,3700	1,0700	1104,0000	3	1,0800	900				
Certificate	DE000VA4YXV2	NTFLX 290TL OPENV	EUR	1,8445	1,8445	1,8445			1,8445					
Certificate	DE000VA4YXU4	NTFLX 290TL OPENV	EUR	2,8725	2,8725	2,8725			2,8725					
Certificate	DE000VA4YU94	NTFLX 295TL OPENV	EUR											
Certificate	DE000VA4YVM5	NTFLX 295TL OPENV	EUR											
Certificate	DE000CV8AH83	NTFLX 300TL 1218Z	EUR	0,4250	0,6400	0,4250	6514,8000	7	0,6350	10980				
Certificate	DE000CQ5BAJ5	NTFLX 300TL OPENC	EUR											
Certificate	DE000VA4YVN3	NTFLX 300TL OPENV	EUR											
Certificate	DE000VA4YVA0	NTFLX 300TL OPENV	EUR											
Certificate	DE000VA5EPB9	NTFLX 300TL OPENV	EUR											
Certificate	DE000VA4YVP8	NTFLX 305TL OPENV	EUR											
Certificate	DE000VA5EPC7	NTFLX 305TL OPENV	EUR											
Certificate	DE000VA4YVB8	NTFLX 305TL OPENV	EUR											
Certificate	DE000VA4YVQ6	NTFLX 310TL OPENV	EUR											
Certificate	DE000VA5EPD5	NTFLX 310TL OPENV	EUR											
Certificate	DE000VA4YVC6	NTFLX 310TL OPENV	EUR											
Certificate	DE000VA4YVD4	NTFLX 315TL OPENV	EUR											
Certificate	DE000VA4YVR4	NTFLX 315TL OPENV	EUR											
Certificate	DE000CP06Y96	NTFLX 320TL OPENC	EUR											
Certificate	DE000CP07BE4	NTFLX 320TL OPENC	EUR											
Certificate	DE000VA4YVE2	NTFLX 320TL OPENV	EUR											
Certificate	DE000VA4YVS2	NTFLX 320TL OPENV	EUR											
Certificate	DE000VASRKT4	NTFLX 325TL OPENV	EUR											
Certificate	DE000VA4YVF9	NTFLX 325TL OPENV	EUR											
Certificate	DE000VA4YVT0	NTFLX 325TL OPENV	EUR											
Certificate	DE000CI3PD31	NTFLX 330TL 1218Z	EUR											
Certificate	DE000CI3PCQ0	NTFLX 350TL 1218Z	EUR											
Certificate	DE000CP07BF1	NTFLX 360TS OPENC	EUR											
Certificate	DE000CP06V08	NTFLX 360TS OPENC	EUR											
Certificate	DE000VA4YUX4	NTFLX 367TS OPENV	EUR											
Certificate	DE000VA4YUJ3	NTFLX 367TS OPENV	EUR											
Certificate	NL0013013873	NTFLX 370BS OPENB	EUR	5,3950	5,3950	5,3950			5,3950					
Certificate	DE000VA4YUY2	NTFLX 372TS OPENV	EUR											
Certificate	DE000VA4YUK1	NTFLX 372TS OPENV	EUR											
Certificate	DE000VA4YU29	NTFLX 377TS OPENV	EUR											
Certificate	DE000CQ58LQ7	NTFLX 380TL OPENC	EUR											
Certificate	DE000CQ58JG2	NTFLX 380TL OPENC	EUR											
Certificate	DE000CP06V16	NTFLX 380TS OPENC	EUR											
Certificate	DE000CP07BG9	NTFLX 380TS OPENC	EUR											
Certificate	DE000VA4YUM7	NTFLX 382TS OPENV	EUR											
Certificate	DE000VA4YU03	NTFLX 382TS OPENV	EUR											
Certificate	DE000VA4YU11	NTFLX 387TS OPENV	EUR											
Certificate	DE000VA4YUN5	NTFLX 387TS OPENV	EUR											
Certificate	DE000VA4YUP0	NTFLX 392TS OPENV	EUR											
Certificate	DE000VA4YU29	NTFLX 392TS OPENV	EUR											
Certificate	DE000VA4YU37	NTFLX 397TS OPENV	EUR											
Certificate	DE000VA4YUQ8	NTFLX 397TS OPENV	EUR											
Certificate	DE000CQ58AS6	NTFLX 400TS OPENC	EUR											
Certificate	DE000CQ58Q76	NTFLX 400TS OPENC	EUR	7,8100	7,8100	7,8100			7,8100					
Certificate	DE000CQ581P6	NTFLX 400TS OPENC	EUR											
Certificate	DE000CP06362	NTFLX 400TS OPENC	EUR	10,6300	10,6300	10,6300			10,6300					
Certificate	DE000VA4YUR6	NTFLX 402TS OPENV	EUR											
Certificate	DE000VA4YU45	NTFLX 402TS OPENV	EUR											
Certificate	DE000VA4YU52	NTFLX 407TS OPENV	EUR											
Certificate	DE000VA4YUS4	NTFLX 407TS 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	DE000CQ58ET6	NTFLX 410TS OPENC	EUR											
Certificate	DE000VA4YUT2	NTFLX 412TS OPENV	EUR											
Certificate	DE000VA4YU60	NTFLX 412TS OPENV	EUR											
Certificate	DE000VA4YU78	NTFLX 417TS OPENV	EUR											
Certificate	DE000VA4YU00	NTFLX 417TS OPENV	EUR											
Certificate	DE000CP6370	NTFLX 420TS OPENC	EUR	12,5200	12,5200	12,5200			12,5200					
Certificate	DE000CQ58JH0	NTFLX 420TS OPENC	EUR											
Certificate	DE000CQ58Q84	NTFLX 420TS OPENC	EUR	9,5600	9,5600	9,5600			9,5600					
Certificate	DE000VA4YU86	NTFLX 422TS OPENV	EUR											
Certificate	DE000VA4YUV8	NTFLX 422TS OPENV	EUR											
Certificate	NL0012971949	NTFLX 427TS OPENB	EUR	15,6350	15,6350	15,6350				15,6350				
Certificate	DE000VA4YWE0	NTFLX 427TS OPENV	EUR	12,1850	12,1850	12,1850								
Certificate	DE000VA4YWC4	NTFLX 427TS OPENV	EUR	10,2550	10,2550	10,2550				10,2550				
Certificate	DE000VA4YWD2	NTFLX 432TS OPENV	EUR	10,6950	10,6950	10,6950								
Certificate	DE000VA6D3J6	NTFLX 442TS OPENV	EUR	11,6350	11,6350	11,6350								
Certificate	DE000VA6D336	NTFLX 447TS OPENV	EUR	12,0750	12,0750	12,0750								
Certificate	DE000CQ58JH6	NTFLX 450TS OPENC	EUR	15,1900	15,1900	15,1900				15,1900				
Certificate	DE000CQ58LS3	NTFLX 450TS OPENC	EUR	12,1400	12,1400	12,1400				12,1400				
Certificate	DE000VA640J8	NTFLX 467TS OPENV	EUR	13,8850	13,8850	13,8850								
Certificate	DE000CQ58NK6	NTFLX 480TS OPENC	EUR	14,8000	14,8000	14,8000				14,8000				
Certificate	DE000VA5EN70	NTFLX 392.TS OPENV	EUR	8,9750	8,9750	8,9750				8,9750				
Certificate	DE000VA5EN88	NTFLX 397.TS OPENV	EUR	9,4350	9,4350	9,4350				9,4350				
Certificate	DE000VA5EN96	NTFLX 402.TS OPENV	EUR	9,8950	9,8950	9,8950				9,8950				
Certificate	DE000VA5EPA1	NTFLX 407.TS OPENV	EUR	10,3650	10,3650	10,3650				10,3650				
Certificate	DE000VA5RPJ4	NTFLX 412.TS OPENV	EUR	10,8550	10,8550	10,8550				10,8550				
Certificate	DE000VA5RPL0	NTFLX 417.TS OPENV	EUR	11,3150	11,3150	11,3150				11,3150				
Certificate	DE000VA5RQV7	NTFLX 432.TS OPENV	EUR	12,7050	12,7050	12,7050				12,7050				
Certificate	NL0010913513	NTFLX 47.9TL OPENB	EUR	164,8500	164,8500	164,8500				164,8500				
Certificate	NL0011092440	NTFLX 81.8TL OPENB	EUR	146,2700	146,2700	146,2700				146,2700				
Certificate	NL0011247630	NTFLX 85.8TL OPENB	EUR	144,0800	144,0800	144,0800				144,0800				
Certificate	NL0011915574	NTFLX101.7BL OPENB	EUR	18,4400	18,4400	18,4400				18,4400				
Certificate	NL0012020796	NTFLX104.1TL OPENB	EUR	19,1400	19,1400	19,1400				19,1400				
Certificate	NL0011741186	NTFLX154.9TS OPENH	EUR											
Certificate	DE000CV8AH04	NTFLX214.3TL OPENZ	EUR	4,2550	4,2550	4,2550				4,2550				
Certificate	DE000VA5RH24	NTFLX260.6TL OPENV	EUR	4,2855	4,2855	4,2855				4,2855				
Certificate	DE000CV89X73	NTFLX265.2TL OPENZ	EUR	1,8700	2,0550	1,8700				2,0550				
Certificate	DE000VA5RG41	NTFLX270.4TL OPENV	EUR	3,3985	3,3985	3,3985				3,3985				
Certificate	DE000CV8AHR2	NTFLX285.1TL OPENZ	EUR	1,0300	1,2900	1,0000	2014,1000	5		1,2050				
Certificate	DE000VA5RBC9	NTFLX300.1TL OPENV	EUR											
Certificate	DE000CV89A96	NTFLX304.6TL OPENZ	EUR											
Certificate	DE000VA5RBD7	NTFLX305.1TL OPENV	EUR											
Certificate	DE000CV89X65	NTFLX305.5TL OPENZ	EUR											
Certificate	DE000VA5RBE5	NTFLX310.1TL OPENV	EUR											
Certificate	DE000VA7THU0	NTFLX322.5TL OPENV	EUR											
Certificate	DE000VA7TGW8	NTFLX323.1TL OPENV	EUR											
Certificate	DE000CJ3PDR6	NTFLX330.3TL OPENZ	EUR											
Certificate	DE000VA8FUD6	NTFLX331.1TS OPENV	EUR											
Certificate	DE000VA71X00	NTFLX332.5TL OPENV	EUR											
Certificate	DE000VA8FT05	NTFLX340.7TS OPENV	EUR	2,8065	2,8065	2,8065				2,8065				
Certificate	DE000VA7THR6	NTFLX341.1TS OPENV	EUR											
Certificate	DE000VA8FUE4	NTFLX341.1TS OPENV	EUR	4,3775	4,3775	4,3775				4,3775				
Certificate	DE000VA71X18	NTFLX342.5TL OPENV	EUR											
Certificate	DE000VA71W92	NTFLX343.2TL OPENV	EUR											
Certificate	DE000VA8FSU4	NTFLX350.7TS OPENV	EUR	3,6845	3,6845	3,6845				3,6845				
Certificate	NL0013014566	NTFLX351.1TS OPENB	EUR	7,9950	7,9950	7,9950				7,9950				
Certificate	DE000VA7THS4	NTFLX351.1TS OPENV	EUR											
Certificate	DE000VA8FS14	NTFLX351.1TS OPENV	EUR	5,3050	5,3050	5,3050				5,3050				
Certificate	NL0012772867	NTFLX351.5TS OPENB	EUR											
Certificate	NL0013014418	NTFLX352.4BS OPENB	EUR	3,8450	3,8450	3,8450				3,8450				
Certificate	DE000VA71X42	NTFLX352.5TL OPENV	EUR											
Certificate	DE000VA71XB2	NTFLX353.2TL OPENV	EUR											
Certificate	NL0012772685	NTFLX353.6BS OPENB	EUR											
Certificate	DE000CJ3PDS4	NTFLX355.1TL OPENZ	EUR											
Certificate	DE000CJ3PG87	NTFLX358.6TS OPENZ	EUR	2,1550	2,1550	2,1550				2,1550				
Certificate	DE000CJ3NS29	NTFLX358.7TS OPENZ	EUR											
Certificate	DE000VA711L3	NTFLX360.7TS OPENV	EUR	4,5635	4,5635	4,5635				4,5635				
Certificate	DE000VA8FR23	NTFLX361.1TS OPENV	EUR	6,2250	6,2250	6,2250				6,2250				
Certificate	DE000VA7TA50	NTFLX361.1TS OPENV	EUR											
Certificate	DE000VA71X59	NTFLX362.5TL OPENV	EUR											
Certificate	DE000VA71XC0	NTFLX363.2TL OPENV	EUR											
Certificate	NL0013014269	NTFLX368.7TS OPENB	EUR	10,0800	10,1250	9,7650	10384,0000	3		9,7650	1050			
Certificate	DE000VA8FRT8	NTFLX370.7TS OPENV	EUR	5,4450	5,4450	5,4450				5,4450				



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	DE000VA710N1	NTFLX371.1TS OPENV	EUR	7,1450	7,1450	7,1450			7,1450					
Certificate	DE000VA7PW8	NTFLX371.1TS OPENV	EUR											
Certificate	DE000VA71X75	NTFLX372.5TL OPENV	EUR											
Certificate	DE000VA71XD8	NTFLX373.2TL OPENV	EUR											
Certificate	DE000VA8FRU6	NTFLX380.7TS OPENV	EUR	6,3100	6,3350	6,3100	946,5000	1	6,3250	150				
Certificate	DE000VA7PV89	NTFLX381.1TS OPENV	EUR	8,0550	8,0550	8,0550			8,0550					
Certificate	NL0012982565	NTFLX387.2TS OPENB	EUR	11,6250	11,6250	11,6250			11,6250					
Certificate	NL0012982201	NTFLX388.5BS OPENB	EUR	7,1800	7,1800	7,0250	157,9600	1	7,0250	22				
Certificate	DE000VA5ENT6	NTFLX391.9TS OPENV	EUR	7,1950	7,1950	7,1950			7,1950					
Certificate	DE000VA5ENV2	NTFLX396.9TS OPENV	EUR	7,7800	7,7850	7,6350	505,7000	1	7,6350	65				
Certificate	DE000CV8A7J4	NTFLX398.6TS OPENZ	EUR	3,8950	3,8950	3,8950			3,8950					
Certificate	DE000VA5ENW0	NTFLX401.9TS OPENV	EUR	8,0750	8,0750	8,0750			8,0750					
Certificate	NL0012982003	NTFLX406.6TS OPENB	EUR	13,5850	13,5850	13,5850			13,5850					
Certificate	DE000VA5ENY6	NTFLX406.9TS OPENV	EUR	8,5150	8,5150	8,5150			8,5150					
Certificate	NL0012980643	NTFLX407.9BS OPENB	EUR	8,7150	8,7150	8,7150			8,7150					
Certificate	DE000VA5EN05	NTFLX411.9TS OPENV	EUR	8,9550	8,9550	8,9550			8,9550					
Certificate	DE000VASRPC9	NTFLX416.6TS OPENV	EUR	9,3950	9,3950	9,3950			9,3950					
Certificate	NL0012972236	NTFLX428.3BS OPENB	EUR	10,9500	10,9650	10,1750	10671,3000	3	10,5050	1010				
Certificate	DE000VASRPD7	NTFLX436.6TS OPENV	EUR	11,1450	11,1450	11,1450			11,1450					
Certificate	DE000CV899C3	NTFLX448.8TS OPENZ	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	NL0012973838	NTFLX449.7BS OPENB	EUR	12,3850	12,3850	12,3850			12,3850					
Certificate	DE000CV89GT7	NTFLX499.2TS OPENZ	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	NL0011910500	NTFLX83.68BL OPENB	EUR	20,0200	20,0200	20,0200			20,0200					
Certificate	DE000CR9SF41	NTFLX92.23TL OPENZ	EUR	19,6000	19,6000	19,6000			19,6000					
Certificate	DE000CN6GJ84	NTR 37.41TL OPENZ	EUR	0,9500	0,9800	0,9500			0,9800					
Certificate	DE000CE6DY29	NTR 42.51TL OPENZ	EUR	0,6000	0,6200	0,6000			0,6200					
Certificate	NL0012787725	NVDA 339TS OPENB	EUR	161,5900	161,5900	152,2850	16159,0000	1	152,2850	100				
Certificate	NL0012018964	NVDA 66.9TL OPENB	EUR	125,6100	125,6100	125,6100			125,6100					
Certificate	NL0012037444	NVDA 89.4TL OPENB	EUR	107,5600	107,5600	107,5600			107,5600					
Certificate	NL0013014426	NVDA 236.9BS OPENB	EUR	29,5950	29,5950	29,5950			29,5950					
Certificate	NL0013013881	NVDA 248.7BS OPENB	EUR	40,0050	40,0050	40,0050			40,0050					
Certificate	NL0013009020	NVDA 261.1BS OPENB	EUR	62,0500	62,0500	50,9450	1241,0000	1	50,9450	20				
Certificate	NL0013007016	NVDA 274.2BS OPENB	EUR	70,5400	73,5700	62,4200	352,7000	1	62,4200	5				
Certificate	NL0013005960	NVDA 282.5TS OPENB	EUR	97,0050	97,0050	97,0050			97,0050					
Certificate	NL0013005218	NVDA 287.9BS OPENB	EUR	74,4850	74,4850	74,4850			74,4850					
Certificate	NL0012992333	NVDA 302.3BS OPENB	EUR	87,1450	87,1450	87,1450			87,1450					
Certificate	NL0013004039	NVDA 317.4BS OPENB	EUR	100,4450	100,4450	100,4450			100,4450					
Certificate	NL0012995237	NVDA 406.6TS OPENB	EUR	218,3850	218,3850	218,3850			218,3850					
Certificate	NL0012016869	NVDA 65.43BL OPENB	EUR	121,9000	121,9000	121,9000			121,9000					
Certificate	NL0012024525	NVDA 68.77BL OPENB	EUR	118,9600	118,9600	118,9600			118,9600					
Certificate	NL0012032270	NVDA 79.82BL OPENB	EUR	109,2400	109,2400	109,2400			109,2400					
Certificate	NL0012032296	NVDA 88.13BL OPENB	EUR	101,9300	101,9300	101,9300			101,9300					
Certificate	NL0013009731	NXPI 64.2TL OPENB	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	NL0013005457	NXPI 69.2TL OPENB	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	NL0011799002	NXPI 74.3TL OPENB	EUR											
Certificate	NL0013005622	NXPI 87.5TS OPENB	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	NL0013001977	NXPI 97.5TS OPENB	EUR	3,1350	3,1350	3,1350			3,1350					
Certificate	NL0013001985	NXPI 107.5TS OPENB	EUR	4,1050	4,1050	4,1050			4,1050					
Certificate	DE000CJ3PB17	NXPI 54.06TL OPENZ	EUR	1,5850	1,6750	1,5850			1,6750					
Certificate	DE000CJ3PBK5	NXPI 63.07TL OPENZ	EUR	0,8150	0,8950	0,8150	85,0000	1	0,8950	100				
Certificate	NL0013007610	NXPI 65.86BL OPENB	EUR	0,7500	0,8100	0,7500	742,5000	2	0,7950	950				
Certificate	NL0013006638	NXPI 70.87BL OPENB	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	DE000CJ3PBL3	NXPI 72.07TL OPENZ	EUR											
Certificate	NL0013006646	NXPI 75.88BL OPENB	EUR											
Certificate	NL0013006778	NXPI 85.68BS OPENB	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	NL0013006786	NXPI 95.68BS OPENB	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	DE000CJ3NV72	NYRST 1.3TL OPENZ	EUR	0,0190	0,0190	0,0190	456,0000	2	0,0190	24000				
Certificate	DE000CJ3NV64	NYRST 1.15TL OPENZ	EUR	0,0400	0,0780	0,0400	824,0000	2	0,0645	13000				
Certificate	DE000CJ3NVM4	NYRST 1.46TL OPENZ	EUR											
Certificate	DE000CJ3NVN2	NYRST 1.66TL OPENZ	EUR											
Certificate	DE000CJ3NSM0	NYRST 1.88TL OPENZ	EUR											
Certificate	DE000CJ3NW63	NYRST 2.03TL OPENZ	EUR											
Certificate	DE000CJ3NSP3	NYRST 3.09TS OPENZ	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	DE000CJ3NRM2	NYRST 3.54TS OPENZ	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	DE000CV894B6	NYRST 5.17TS OPENZ	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	DE000CV88566	NYRST 6.06TS OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	NL0011443965	NYRST11.28TS OPENB	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0011440763	NYRST13.96TS OPENB	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	DE000CE6CAH9	OAT 129TL OPENZ	EUR	25,4500	25,4500	25,4450			25,4450					
Certificate	DE000CE6CAJ5	OAT 136.9TL OPENZ	EUR	17,7000	17,7000	17,6950			17,6950					
Certificate	DE000CJ3NWW1	OAT 144.7TL OPENZ	EUR	9,7400	9,7400	9,7300			9,7300					
Certificate	DE000CE6CAL1	OAT 154.2TS OPENZ	EUR	5,8700	5,8750	5,8700			5,8750					



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	DE000CV87RM3	OAT 163.9TS OPENZ	EUR	15,7600	15,7650	15,7600			15,7650					
Certificate	NL0012780332	OCI 18TL OPENB	EUR	7,3450	7,3450	7,3450			7,3450					
Certificate	NL0012615645	OCI 20TL OPENH	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0013015688	OCI 27TS OPENB	EUR	5,1650	5,1650	5,1650			5,1650					
Certificate	NL0012986418	OCI 30TS OPENB	EUR	8,4450	8,4450	8,4450			8,4450					
Certificate	NL0012994594	OCI 33TS OPENB	EUR	11,6550	11,6550	11,6550			11,6550					
Certificate	NL0011637327	OCI 9.5TL OPENB	EUR	15,2850	15,2850	15,2850			15,2850					
Certificate	NL0011809793	OCI 10.6TL OPENB	EUR	14,2750	14,2750	14,2750			14,2750					
Certificate	NL0012036057	OCI 13.8TL OPENB	EUR	11,2750	11,2750	11,2750			11,2750					
Certificate	NL0012100614	OCI 14.9TL OPENB	EUR	10,2350	10,2350	10,2350			10,2350					
Certificate	NL0012493126	OCI 16.9TL OPENB	EUR	8,3150	8,3150	8,3150			8,3150					
Certificate	NL0012783807	OCI 19.1TL OPENB	EUR	6,3150	6,3150	6,3150			6,3150					
Certificate	NL0012615652	OCI 19.5TL OPENH	EUR	0,6200	0,6300	0,6200			0,6300					
Certificate	NL0012787105	OCI 20.1TL OPENB	EUR	5,3850	5,3850	5,3850			5,3850					
Certificate	NL0012789911	OCI 22.1TL OPENB	EUR	3,5250	3,5250	3,5250			3,5250					
Certificate	NL0013015373	OCI 23.1TL OPENB	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	NL0013015381	OCI 24.1TL OPENB	EUR											
Certificate	NL0012986343	OCI 25.1TL OPENB	EUR											
Certificate	NL0012991830	OCI 26.2TL OPENB	EUR											
Certificate	NL0013013733	OCI 28.5TS OPENB	EUR	6,5500	6,7850	6,5250	432,3000	1	6,7850	66				
Certificate	NL0012864847	OCI 29.6TS OPENH	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0012992655	OCI 31.5TS OPENB	EUR	10,0250	10,0250	10,0250			10,0250					
Certificate	NL0012796536	OCI 32.5BOC1219Z	EUR	24,9400	24,9400	24,8600			24,8600					
Certificate	NL0012994131	OCI 35.4BS OPENB	EUR	11,7450	11,7450	11,7450			11,7450					
Certificate	NL0011735576	OCI 10.88TL OPENH	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CNC6LHO5	OCI 11.54TL OPENZ	EUR	13,0000	13,0000	12,9400			12,9400					
Certificate	NL0011995469	OCI 12.69TL OPENH	EUR											
Certificate	NL0012032304	OCI 12.99BL OPENB	EUR	11,4150	11,4150	11,4150			11,4150					
Certificate	NL0011997010	OCI 13.12TL OPENH	EUR	1,2000	1,2100	1,2000			1,2100					
Certificate	NL0012049332	OCI 13.61TL OPENH	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CD63RU5	OCI 13.61TL OPENZ	EUR	11,0100	11,0100	10,9500			10,9500					
Certificate	DE000CD64682	OCI 14.48TL OPENZ	EUR	9,7000	9,7000	9,6300			9,6300					
Certificate	DE000CD646L1	OCI 14.64TL OPENZ	EUR	10,0200	10,0200	9,9500			9,9500					
Certificate	NL0012053086	OCI 15.08TL OPENH	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	NL0012100952	OCI 15.09BL OPENB	EUR	9,3250	9,3250	9,3250			9,3250					
Certificate	DE000CD64722	OCI 15.49TL OPENZ	EUR	8,6900	8,9600	8,5500	7130,5000	2	8,6300	810				
Certificate	NL0012437743	OCI 15.64TL OPENH	EUR	0,9700	0,9800	0,9700			0,9800					
Certificate	NL0012438311	OCI 16.14TL OPENH	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CE6EKG6	OCI 16.49TL OPENZ	EUR	7,7000	7,7000	7,6300			7,6300					
Certificate	DE000CE6EN55	OCI 16.71TL OPENZ	EUR	8,0300	8,0300	7,9600			7,9600					
Certificate	NL0012439715	OCI 16.98TL OPENH	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0012439707	OCI 17.48TL OPENH	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CE6ENR7	OCI 17.98TL OPENZ	EUR	6,2200	6,5000	6,1500	422,5000	1	6,1500	65				
Certificate	NL0012603690	OCI 17.99TL OPENH	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	NL0012605992	OCI 18.49TL OPENH	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CV88FN4	OCI 18.79TL OPENZ	EUR	6,0300	6,0300	5,9600			5,9600					
Certificate	DE000CV88FS3	OCI 18.98TL OPENZ	EUR	5,2400	5,2400	5,1700			5,1700					
Certificate	NL0012608095	OCI 18.99TL OPENH	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	NL0012786941	OCI 20.18BL OPENB	EUR	4,2250	4,2250	4,2250			4,2250					
Certificate	NL0012846711	OCI 20.51TL OPENH	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CV88UL7	OCI 20.87TL OPENZ	EUR	4,0300	4,0300	3,9600			3,9600					
Certificate	DE000CV88TY2	OCI 20.96TL OPENZ	EUR	3,2800	3,2800	3,2100			3,2100					
Certificate	NL0012789721	OCI 21.19BL OPENB	EUR	3,2150	3,2150	3,2150			3,2150					
Certificate	NL0013014814	OCI 22.19BL OPENB	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	NL0012926513	OCI 22.37TL OPENH	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	NL0012929459	OCI 22.86TL OPENH	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CV8A4A0	OCI 22.95TL OPENZ	EUR	2,0300	2,0300	1,9600			1,9600					
Certificate	DE000CV8A4T0	OCI 22.95TL OPENZ	EUR	1,3400	1,3400	1,2700			1,2700					
Certificate	NL0012930861	OCI 23.86TL OPENH	EUR											
Certificate	NL0012982151	OCI 24.21BL OPENB	EUR											
Certificate	NL0013087422	OCI 24.27TL OPENH	EUR											
Certificate	NL0012933311	OCI 24.35TL OPENH	EUR											
Certificate	NL0012934244	OCI 24.85TL OPENH	EUR											
Certificate	DE000CV8ANV2	OCI 24.93TL OPENZ	EUR											
Certificate	NL0012986830	OCI 25.22BL OPENB	EUR											
Certificate	NL0012889133	OCI 25.35TL OPENH	EUR											
Certificate	NL0012889992	OCI 25.85TL OPENH	EUR											
Certificate	NL0012991046	OCI 26.22BL OPENB	EUR											
Certificate	NL0013087414	OCI 26.27TS OPENH	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0013085178	OCI 26.77TL OPENH	EUR											
Certificate	NL0013086242	OCI 27.85TS OPENH	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	NL0013081771	OCI 27.85TS 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	NL0013013899	OCI 27.93BS OPENB	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	DE000CJ3PFT7	OCI 29.29TS OPENZ	EUR	5,4000	5,4600	5,4000			5,4600					
Certificate	DE000CJ3N5A2	OCI 29.32TS OPENZ	EUR											
Certificate	NL0012861462	OCI 30.07TS OPENH	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0012790083	OCI 30.42BS OPENB	EUR	6,7750	6,7750	6,7750			6,7750					
Certificate	NL0012898035	OCI 30.77TS OPENH	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0012898027	OCI 31.27TS OPENH	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	NL0012898472	OCI 32.77TS OPENH	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CV8AHE0	OCI 32.79TS OPENZ	EUR	8,8800	8,9500	8,8800			8,9500					
Certificate	NL0012986236	OCI 32.91BS OPENB	EUR	9,2550	9,2550	9,2550			9,2550					
Certificate	NL0012898464	OCI 33.77TS OPENH	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	NL0012898456	OCI 35.76TS OPENH	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CJ3NP54	OCI 36.29TS OPENZ	EUR	12,3900	12,4500	12,3900			12,4500					
Certificate	DE000VL23R04	OILCR LEVOPENV	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	DE000VN610V1	OILCR LEVOPENV	EUR	0,0360	0,0360	0,0360			0,0360					
Certificate	DE000VN610T5	OILCR LEVOPENV	EUR	11,2100	11,2100	11,2100			11,2100					
Certificate	DE000VN610U3	OILCR LEVOPENV	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000CE6C1S4	OILCR LEVOPENZ	EUR	1,3130	1,5160	1,3130			1,5160					
Certificate	DE000CE6C1P0	OILCR LEVOPENZ	EUR	12,1800	12,4000	12,1800			12,4000					
Certificate	DE000CE6C1Q8	OILCR LEVOPENZ	EUR	14,4150	15,5150	14,4150			15,5150					
Certificate	DE000VN610X7	OILCR SHROPENV	EUR	0,0400	0,0400	0,0400			0,0400					
Certificate	DE000VN610W9	OILCR SHROPENV	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	DE000VN610Y5	OILCR SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000CE6C1T2	OILCR SHROPENZ	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	DE000CE6C1R6	OILCR SHROPENZ	EUR	0,4150	0,4150	0,3880			0,3880					
Certificate	NL0012531644	OILCR 51TL OPENH	EUR	15,5800	15,5800	15,5800			15,5800					
Certificate	LU1651900844	OILCR 54TCIOPENS	EUR	10,8800	12,0300	10,8800			12,0300					
Certificate	NL0012508394	OILCR 54TL OPENB	EUR	15,2000	15,2000	15,2000			15,2000					
Certificate	LU1817317883	OILCR 66TCIOPENS	EUR											
Certificate	LU1790449604	OILCR 80TCIOPENS	EUR	9,6800	9,6800	8,6000			8,6000					
Certificate	LU1790449869	OILCR 83TCIOPENS	EUR	12,2800	12,2800	11,2100			11,2100					
Certificate	NL0011636956	OILCR 25.4TL OPENB	EUR	38,4800	38,4800	38,4800			38,4800					
Certificate	NL0012312714	OILCR 25.9TL OPENH	EUR	37,0400	37,0400	37,0400			37,0400					
Certificate	NL0011535539	OILCR 34.4TL OPENB	EUR	31,1800	31,1800	31,1800			31,1800					
Certificate	NL0011244314	OILCR 38.5TL OPENH	EUR	26,6100	26,6100	26,6100			26,6100					
Certificate	NL0012274302	OILCR 38.7TL OPENB	EUR	27,6500	27,6500	27,6500			27,6500					
Certificate	NL0012312680	OILCR 40.6TL OPENH	EUR	24,4700	24,4700	24,4700			24,4700					
Certificate	NL0011528021	OILCR 40.8TL OPENB	EUR	26,0000	26,0000	26,0000			26,0000					
Certificate	DE000CE6DRM1	OILCR 44.6TL OPENZ	EUR	19,3000	20,2050	19,3000			20,2050					
Certificate	NL0012494975	OILCR 48.4BL OPENB	EUR	16,7800	16,7800	16,7800			16,7800					
Certificate	NL0012511794	OILCR 55.1TL OPENB	EUR	14,3400	14,3400	14,3400			14,3400					
Certificate	NL0012512131	OILCR 55.3BL OPENB	EUR	10,7100	10,7100	10,7100			10,7100					
Certificate	LU1651900927	OILCR 55.5TCIOPENS	EUR	9,5400	10,6700	9,5400			10,6700					
Certificate	LU1651901222	OILCR 56.5TCIOPENS	EUR	8,6400	9,7700	8,6400			9,7700					
Certificate	NL0012695977	OILCR 57.1TL OPENB	EUR	12,6900	12,6900	12,6900			12,6900					
Certificate	LU1696583746	OILCR 57.5TCIOPENS	EUR	7,8600	8,9900	7,8600			8,9900					
Certificate	LU1696583829	OILCR 58.5TCIOPENS	EUR	6,9600	8,1000	6,9600			8,1000					
Certificate	LU1696584041	OILCR 59.5TCIOPENS	EUR	6,0700	7,2000	6,0700			7,2000					
Certificate	NL0012775001	OILCR 60.4BL OPENB	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	NL0012991566	OILCR 65.2TL OPENB	EUR	5,5400	6,1100	5,5300	5540,0000	1	6,1100	1000				
Certificate	NL0012997290	OILCR 67.1TL OPENB	EUR											
Certificate	NL001299965	OILCR 68.2TL OPENB	EUR											
Certificate	LU1840347865	OILCR 68.5TCIOPENS	EUR											
Certificate	NL0013000540	OILCR 69.2TL OPENB	EUR											
Certificate	NL0013013931	OILCR 70.5TS OPENB	EUR	5,6000	5,6000	4,5700	118325,0000	4	4,7500	24500				
Certificate	NL0013012107	OILCR 72.5TS OPENB	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	NL0013009178	OILCR 74.4TS OPENB	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	NL0013005267	OILCR 76.4TS OPENB	EUR	10,0800	10,0800	10,0800			10,0800					
Certificate	NL0013003742	OILCR 78.4TS OPENB	EUR	15,7900	15,7900	15,7900			15,7900					
Certificate	NL0012565113	OILCR 79.6TS OPENH	EUR	12,9500	12,9500	12,9500			12,9500					
Certificate	NL0013004492	OILCR 80.3TS OPENB	EUR	17,6600	17,6600	17,6600			17,6600					
Certificate	DE000CV4ZRS5	OILCR 80.3TS OPENZ	EUR	12,4900	12,4900	11,7100			11,7100					
Certificate	NL0013004872	OILCR 82.3TS OPENB	EUR	15,5100	15,5100	15,5100			15,5100					
Certificate	LU1817317610	OILCR 84.5TCIOPENS	EUR	15,5100	15,5100	14,4600			14,4600					
Certificate	NL0012565105	OILCR 84.5TS OPENH	EUR	17,3900	17,3900	17,3900			17,3900					
Certificate	DE000CV88H25	OILCR 90.3TS OPENZ	EUR	21,2500	21,2500	20,5100			20,5100					
Certificate	NL0012926414	OILCR105.9TS OPENH	EUR	36,8000	36,8000	36,8000			36,8000					
Certificate	NL0012312748	OILCR13.01TL OPENH	EUR	48,0700	48,0700	48,0700			48,0700					
Certificate	NL0012312730	OILCR16.13TL OPENH	EUR	45,4000	45,4000	45,4000			45,4000					
Certificate	NL0012312722	OILCR19.25TL OPENH	EUR	42,7300	42,7300	42,7300			42,7300					
Certificate	NL0011598222	OILCR24.38TL OPENH	EUR	38,5600	38,5600	38,5600			38,5600					
Certificate	NL0011727649	OILCR26.55TL OPENH	EUR	36,7100	36,7100	36,7100			36,7100					



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	NL0011422308	OILCR27.54TL OPENH	EUR	35,8800	35,8800	35,8800			35,8800					
Certificate	NL0011422290	OILCR30.72TL OPENH	EUR	33,1900	33,1900	33,1900			33,1900					
Certificate	NL0011727565	OILCR34.96TL OPENH	EUR	29,6000	29,6000	29,6000			29,6000					
Certificate	NL0011244322	OILCR35.83TL OPENH	EUR	28,8600	28,8600	28,8600			28,8600					
Certificate	NL0011727540	OILCR37.06TL OPENH	EUR	27,8200	27,8200	27,8200			27,8200					
Certificate	DE000CE6CP71	OILCR37.52TL OPENZ	EUR	25,5000	26,4300	25,5000			26,4300					
Certificate	NL0012312706	OILCR38.69TL OPENH	EUR	26,1100	26,1100	26,1100			26,1100					
Certificate	NL0011727524	OILCR39.16TL OPENH	EUR	26,0400	26,0400	26,0400			26,0400					
Certificate	NL0012312698	OILCR39.54TL OPENH	EUR	25,3800	25,3800	25,3800			25,3800					
Certificate	NL0012310304	OILCR40.09TL OPENH	EUR	24,9200	24,9200	24,9200			24,9200					
Certificate	NL0011727516	OILCR40.22TL OPENH	EUR	25,1500	25,1500	25,1500			25,1500					
Certificate	NL0011531124	OILCR40.92BL OPENB	EUR	23,5600	23,5600	23,5600			23,5600					
Certificate	NL0012310296	OILCR41.13TL OPENH	EUR	24,0200	24,0200	24,0200			24,0200					
Certificate	NL0012372353	OILCR42.58TL OPENH	EUR	22,7800	22,7800	22,7800			22,7800					
Certificate	NL0012434203	OILCR43.59TL OPENH	EUR	21,9200	21,9200	21,9200			21,9200					
Certificate	NL0012439418	OILCR45.32TL OPENH	EUR	20,4400	20,4400	20,4400			20,4400					
Certificate	DE000CE6DTG9	OILCR45.62TL OPENZ	EUR	18,4000	19,3000	18,4000			19,3000					
Certificate	DE000CE6EOK1	OILCR46.59TL OPENZ	EUR	17,5550	18,4550	17,5550			18,4550					
Certificate	NL0012525786	OILCR46.98TL OPENH	EUR	19,0200	19,0200	19,0200			19,0200					
Certificate	DE000CE6EN22	OILCR47.59TL OPENZ	EUR	16,6800	17,5700	16,6800			17,5700					
Certificate	DE000CE6EW05	OILCR48.63TL OPENZ	EUR	15,7700	16,6600	15,7700			16,6600					
Certificate	NL0012529333	OILCR48.97TL OPENH	EUR	17,3200	17,3200	17,3200			17,3200					
Certificate	NL0012497036	OILCR49.43BL OPENB	EUR	15,8700	15,8700	15,8700			15,8700					
Certificate	DE000CE6EXG9	OILCR49.58TL OPENZ	EUR	14,9350	15,8250	14,9350			15,8250					
Certificate	NL0012501415	OILCR50.17BL OPENB	EUR	15,2200	15,2200	15,2200			15,2200					
Certificate	DE000CE6FE89	OILCR50.57TL OPENZ	EUR	14,0700	14,9550	14,0700			14,9550					
Certificate	DE000CE6FE97	OILCR51.58TL OPENZ	EUR	13,1850	14,0650	13,1850			14,0650					
Certificate	NL0012548465	OILCR52.45TL OPENH	EUR	14,3400	14,3400	14,3400			14,3400					
Certificate	DE000CE6FH52	OILCR52.66TL OPENZ	EUR	12,2300	13,1000	12,2300			13,1000					
Certificate	DE000CE6FHH7	OILCR53.56TL OPENZ	EUR	11,4400	12,3100	11,4400			12,3100					
Certificate	NL0012551188	OILCR54.44TL OPENH	EUR	12,6400	12,6400	12,6400			12,6400					
Certificate	DE000CE6FHJ3	OILCR54.56TL OPENZ	EUR	10,5700	11,4400	10,5700			11,4400					
Certificate	DE000CV4YR87	OILCR55.55TL OPENZ	EUR	9,7100	10,5750	9,7100			10,5750					
Certificate	NL0012613574	OILCR56.39TL OPENH	EUR	10,9700	10,9700	10,9700			10,9700					
Certificate	DE000CV4Z6N3	OILCR56.55TL OPENZ	EUR	8,8200	9,6900	8,8200			9,6900					
Certificate	NL0012696256	OILCR57.35BL OPENB	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	NL0012613566	OILCR58.42TL OPENH	EUR	9,2400	9,2400	9,2400			9,2400					
Certificate	DE000CV87HA9	OILCR58.54TL OPENZ	EUR	7,0900	7,9400	7,0900			7,9400					
Certificate	NL0012690176	OILCR59.37BL OPENB	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	NL0012613558	OILCR59.43TL OPENH	EUR	8,3700	8,3700	8,3700			8,3700					
Certificate	NL0012613541	OILCR60.44TL OPENH	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	DE000CV88186	OILCR60.57TL OPENZ	EUR	5,3000	6,1400	5,3000	737,5000	1	6,1400	125				
Certificate	DE000VAGD922	OILCR60.72TL OPENV	EUR	5,9650	5,9650	5,9650			5,9650					
Certificate	LU1719639152	OILCR61.25TCIOPENS	EUR	4,7500	5,8800	4,7500			5,8800					
Certificate	NL0012781280	OILCR61.42BL OPENB	EUR	5,5000	5,5000	5,3300	1650,0000	1	5,3300	300				
Certificate	DE000VASRL02	OILCR61.66TL OPENV	EUR	5,0850	5,0850	5,0850			5,0850					
Certificate	NL0012920052	OILCR62.17TL OPENH	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	NL0012782031	OILCR62.43BL OPENB	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	DE000CV88B62	OILCR62.54TL OPENZ	EUR	3,5850	4,4250	3,5850	1016,4000	2	4,4250	240				
Certificate	DE000VAGD930	OILCR62.72TL OPENV	EUR	4,2015	4,2015	4,2015			4,2015					
Certificate	NL0012974422	OILCR63.43BL OPENB	EUR	3,1200	3,8000	3,1100	2268,0000	3	3,5500	650				
Certificate	DE000VASRL10	OILCR63.66TL OPENV	EUR	3,3305	3,3305	3,3305			3,3305					
Certificate	LU1817216697	OILCR63.75TCIOPENS	EUR	2,2100	3,3300	2,2100			3,3300					
Certificate	NL0012889679	OILCR64.11TL OPENH	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0012991384	OILCR64.45BL OPENB	EUR	2,5000	2,6600	2,5000	740,0000	2	2,6600	295				
Certificate	DE000CV88B334	OILCR64.53TL OPENZ	EUR	1,8400	2,6750	1,8400			2,6750					
Certificate	DE000VAGD948	OILCR64.72TL OPENV	EUR	2,4425	2,4425	2,4425			2,4425					
Certificate	NL0012991780	OILCR65.44BL OPENB	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000VASRL28	OILCR65.66TL OPENV	EUR	1,5535	1,5535	1,5535			1,5535					
Certificate	NL0012890750	OILCR66.11TL OPENH	EUR											
Certificate	NL0012993620	OILCR66.44BL OPENB	EUR											
Certificate	DE000CV88B6L1	OILCR66.52TL OPENZ	EUR											
Certificate	DE000VAGD955	OILCR66.72TL OPENV	EUR											
Certificate	NL0013000193	OILCR67.44BL OPENB	EUR											
Certificate	DE000VAGECB5	OILCR67.72TL OPENV	EUR											
Certificate	NL0012902233	OILCR68.04TL OPENH	EUR											
Certificate	NL0013001662	OILCR68.44BL OPENB	EUR											
Certificate	DE000CJ3NSF4	OILCR68.49TL OPENZ	EUR											
Certificate	DE000VAG6TXV7	OILCR68.55TL OPENV	EUR											
Certificate	NL0012902225	OILCR69.05TL OPENH	EUR											
Certificate	NL0013003510	OILCR69.41BL OPENB	EUR											
Certificate	DE000VAG7TGA4	OILCR69.63TL 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	DE000VA711G3	OILCR70.33TS OPENV	EUR	2,7235	2,7235	2,7235			2,7235					
Certificate	DE000VA71W50	OILCR70.49TL OPENV	EUR											
Certificate	NL0013003957	OILCR70.53BL OPENB	EUR											
Certificate	DE000VA710G5	OILCR71.33TS OPENV	EUR	3,5945	3,5945	3,5945			3,5945					
Certificate	NL0013086101	OILCR72.11TS OPENH	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	DE000VA710H3	OILCR72.33TS OPENV	EUR	4,4745	4,4745	4,4745			4,4745					
Certificate	DE000C3PEC6	OILCR72.35TS OPENZ	EUR	5,5200	5,5200	4,7250			4,7250					
Certificate	NL0013013436	OILCR73.33BS OPENB	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	DE000VA77F71	OILCR73.49TS OPENV	EUR	5,3450	5,3450	5,3450			5,3450					
Certificate	NL0013081631	OILCR74.11TS OPENH	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	DE000C3N7L5	OILCR74.34TS OPENZ	EUR	7,2700	7,2700	6,4700			6,4700					
Certificate	DE000VA77F89	OILCR74.49TS OPENV	EUR	6,2250	6,2250	6,2250			6,2250					
Certificate	NL0013008055	OILCR75.33BS OPENB	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	DE000VA77F97	OILCR75.49TS OPENV	EUR	7,1050	7,1050	7,1050			7,1050					
Certificate	DE000C3NOK2	OILCR76.33TS OPENZ	EUR	9,0100	9,0100	8,2200			8,2200					
Certificate	DE000VA7PV67	OILCR76.51TS OPENV	EUR	7,9750	7,9750	7,9750			7,9750					
Certificate	NL0012861231	OILCR76.88TS OPENH	EUR	10,4900	10,4900	10,4900			10,4900					
Certificate	NL0012787238	OILCR77.33BS OPENB	EUR	9,0300	9,0300	9,0300			9,0300					
Certificate	DE000VA6D4Z0	OILCR77.84TS OPENV	EUR	8,8450	8,8450	8,8450			8,8450					
Certificate	DE000CV4ZRA3	OILCR78.31TS OPENZ	EUR	10,7400	10,7400	9,9600			9,9600					
Certificate	DE000VA6T1N4	OILCR78.56TS OPENV	EUR	9,7150	9,7150	9,7150			9,7150					
Certificate	NL0012894182	OILCR78.63TS OPENH	EUR	12,0700	12,0700	12,0700			12,0700					
Certificate	NL0012791321	OILCR79.32BS OPENB	EUR	10,7800	10,7800	10,7800			10,7800					
Certificate	DE000VA7PN18	OILCR79.52TS OPENV	EUR	10,6050	10,6050	10,6050			10,6050					
Certificate	DE000VA640B5	OILCR80.52TS OPENV	EUR	11,4750	11,4750	11,4750			11,4750					
Certificate	NL0012902217	OILCR80.82TS OPENH	EUR	14,0500	14,0500	14,0500			14,0500					
Certificate	NL0012993851	OILCR81.32BS OPENB	EUR	12,5500	12,5500	12,5500			12,5500					
Certificate	DE000VA640C3	OILCR81.52TS OPENV	EUR	12,3550	12,3550	12,3550			12,3550					
Certificate	DE000VA640D1	OILCR82.52TS OPENV	EUR	13,2350	13,2350	13,2350			13,2350					
Certificate	DE000C3NXL2	OILCR82.81TS OPENZ	EUR	14,6900	14,6900	13,9200			13,9200					
Certificate	NL0013003528	OILCR83.32BS OPENB	EUR	14,3000	14,3000	14,3000			14,3000					
Certificate	DE000VA640E9	OILCR83.52TS OPENV	EUR	14,1150	14,1150	14,1150			14,1150					
Certificate	DE000VA7PU43	OILCR84.52TS OPENV	EUR	15,0050	15,0050	15,0050			15,0050					
Certificate	DE000CV89Q80	OILCR85.26TS OPENZ	EUR	16,8300	16,8300	16,0700			16,0700					
Certificate	NL0013004328	OILCR85.32BS OPENB	EUR	16,0600	16,0600	16,0600			16,0600					
Certificate	NL0012861223	OILCR90.71TS OPENH	EUR	23,0100	23,0100	23,0100			23,0100					
Certificate	DE000C3NXM0	OILCR94.79TS OPENZ	EUR	25,1800	25,1800	24,4500			24,4500					
Certificate	NL0012613467	OILCR95.52TS OPENH	EUR	28,0000	28,0000	27,3600	280,0000	1	27,3600	10				
Certificate	NL0012861215	OILCR95.65TS OPENH	EUR	27,4900	27,4900	27,4900			27,4900					
Certificate	DE000C3NXN8	OILCR99.28TS OPENZ	EUR	29,1200	29,1200	28,4000			28,4000					
Certificate	NL0000833317	OILGA PI OPENB	EUR	7,8100	7,9700	7,8100			7,9700					
Certificate	DE000CE6DB84	OJ 1.29TL OPENZ	EUR	1,4200	1,4200	1,2800			1,2800					
Certificate	DE000CV508H9	OJ 1.82TS OPENZ	EUR	4,4150	4,5750	4,4150			4,5750					
Certificate	DE000CV4ZH96	OJ 1.079TL OPENZ	EUR	3,2450	3,2450	3,1050			3,1050					
Certificate	DE000CD64FK9	OJ 1.183TL OPENZ	EUR	2,3650	2,3650	2,2250			2,2250					
Certificate	DE000CV508F3	OJ 1.394TL OPENZ	EUR											
Certificate	DE000CV4ZHC0	OJ 1.724TS OPENZ	EUR	3,5400	3,7000	3,5400			3,7000					
Certificate	DE000CV88LW3	OJ 1.915TS OPENZ	EUR	5,2850	5,4550	5,2850			5,4550					
Certificate	DE000CE6C8U5	OMXS 1122TL OPENZ	EUR	3,6850	3,6850	3,6850			3,6850					
Certificate	DE000CE6CY05	OMXS 1242TL OPENZ	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	DE000CE6C8T7	OMXS 1361TL OPENZ	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	DE000CV87K96	OMXS 1461TL OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000C3N6P8	OMXS 1650TS OPENZ	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	DE000CE6C8W1	OMXS 1749TS OPENZ	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	DE000CE6CY13	OMXS 1909TS OPENZ	EUR	3,9450	3,9450	3,9450			3,9450					
Certificate	DE000CV88NU3	OMXS 2117TS OPENZ	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	DE000CV87W27	ONTEX 16.2TL OPENZ	EUR	0,0680	0,0790	0,0680			0,0790					
Certificate	DE000C3N3Q3	ONTEX10.17TL OPENZ	EUR	1,5000	1,5200	1,5000			1,5200					
Certificate	NL0013006927	ONTEX11.05BL OPENB	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	DE000CV4ZRX5	ONTEX11.17TL OPENZ	EUR	0,6600	0,6700	0,6600			0,6700					
Certificate	DE000CV888J1	ONTEX12.88TL OPENZ	EUR	1,0200	1,0400	1,0200			1,0400					
Certificate	NL0012998033	ONTEX13.04BL OPENB	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	DE000CV4ZRW7	ONTEX14.01TL OPENZ	EUR	0,4000	0,4200	0,4000	400,0000	1	0,4200	1000				
Certificate	NL0012998041	ONTEX15.05BL OPENB	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	DE000CV888K9	ONTEX15.67TL OPENZ	EUR	0,5100	0,5300	0,5100			0,5300					
Certificate	NL0013012024	ONTEX17.05BL OPENB	EUR											
Certificate	NL0012998223	ONTEX20.92BS OPENB	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	NL0012998231	ONTEX24.91BS OPENB	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	DE000CV8A9L6	ORABL10.85TL OPENZ	EUR	4,3350	4,3350	4,3350			4,3350					
Certificate	DE000CV502H2	ORABL11.85TL OPENZ	EUR	3,3350	3,3350	3,3350			3,3350					
Certificate	DE000C3NJW8	ORABL12.84TL OPENZ	EUR	2,3550	2,3550	2,3550			2,3550					
Certificate	DE000CV8ARB5	ORABL7.787TL OPENZ	EUR	7,4000	7,4000	7,4000			7,4000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV87TX6	ORABL9.818TL OPENZ	EUR	5,2000	5,3700	5,2000	10440,0000	8	5,3700	2000				
Certificate	NL0011637335	ORACL 30.7TL OPENB	EUR	17,3300	17,3300	17,3300			17,3300					
Certificate	NL0010899738	ORANG 9TL OPENB	EUR	5,4600	5,4900	5,4600			5,4900					
Certificate	NL0010251781	ORANG 3.4TL OPENB	EUR	10,6800	10,6800	10,6800			10,6800					
Certificate	NL0010899746	ORANG 10.2TL OPENB	EUR	4,3900	4,4200	4,3900			4,4200					
Certificate	NL0011425848	ORANG 11.2TL OPENB	EUR	3,4100	3,4400	3,4100			3,4400					
Certificate	DE000CR9NK23	ORANG 11.7TL OPENZ	EUR	2,0700	2,1600	2,0700			2,1600					
Certificate	NL0012017222	ORANG 12.3TL OPENB	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	NL0012780761	ORANG 13.4TL OPENB	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0012936736	ORANG 14.4TS OPENH	EUR	2,2100	2,2100	2,1200			2,1200					
Certificate	NL0010909164	ORANG 14.9TS OPENB	EUR	2,3900	2,3900	2,3500			2,3500					
Certificate	NL0011445770	ORANG 16.8TS OPENB	EUR	4,4200	4,4200	4,3800			4,3800					
Certificate	NL0011418033	ORANG 6.62TL OPENH	EUR	7,8100	7,8800	7,8100			7,8800					
Certificate	NL0012056394	ORANG 9.54TL OPENH	EUR	5,1600	5,2300	5,1600			5,2300					
Certificate	DE000CR9PVK0	ORANG10.21TL OPENZ	EUR	3,5600	3,6500	3,5600			3,6500					
Certificate	NL0011418009	ORANG10.82TL OPENH	EUR	4,0000	4,0700	4,0000			4,0700					
Certificate	NL0011979844	ORANG11.75TL OPENH	EUR	3,1500	3,2100	3,1500			3,2100					
Certificate	NL0011972815	ORANG12.29TL OPENH	EUR	2,6600	2,7300	2,6600			2,7300					
Certificate	DE000CD64730	ORANG13.19TL OPENZ	EUR	0,6100	0,6900	0,6100	167,5000	1	0,6900	250				
Certificate	NL0011417969	ORANG15.15TS OPENH	EUR	3,0400	3,0400	2,9500			2,9500					
Certificate	NL0011417951	ORANG16.55TS OPENH	EUR	4,5900	4,5900	4,5000			4,5000					
Certificate	NL0011417944	ORANG17.02TS OPENH	EUR	5,1100	5,1100	5,0200			5,0200					
Certificate	NL0011417936	ORANG18.88TS OPENH	EUR	7,1700	7,1700	7,0900			7,0900					
Certificate	NL0012437941	ORANG20.91TS OPENH	EUR	9,4200	9,4200	9,3400			9,3400					
Certificate	NL0012531511	ORANG20.96TS OPENH	EUR	9,4800	9,4800	9,4000			9,4000					
Certificate	NL0012523930	ORANG21.05TS OPENH	EUR	9,5800	9,5800	9,4900			9,4900					
Certificate	NL0012314033	ORANG22.82TS OPENH	EUR	11,5500	11,5500	11,4600			11,4600					
Certificate	DE000CV50962	ORPEA71.47TL OPENZ	EUR	3,4800	3,4800	3,4600	435,0000	1	3,4600	125				
Certificate	DE000CV50970	ORPEA81.46TL OPENZ	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CV87JG2	ORPEA91.43TL OPENZ	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000CV88DQ1	PAAS 10.83TL OPENZ	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	DE000CV8AH59	PAAS 12.99TL OPENZ	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0000451896	PALLA PI OPENN	EUR	9,7900	9,7900	9,7100			9,7100					
Certificate	NL0000451599	PALLA 157TL OPENB	EUR	84,7300	84,7300	84,7300			84,7300					
Certificate	NL0009064393	PALLA 224TL OPENB	EUR	79,4200	79,4200	79,4200			79,4200					
Certificate	NL0011537394	PALLA 477TL OPENB	EUR	59,2650	59,2650	59,2650			59,2650					
Certificate	DE000CN6HPN3	PALLA 501TL OPENZ	EUR	55,6900	55,6900	54,7900			54,7900					
Certificate	NL0011601307	PALLA 521TL OPENH	EUR	55,4400	55,4400	55,4400			55,4400					
Certificate	NL0011813241	PALLA 531TL OPENB	EUR	54,8850	54,8850	54,8850			54,8850					
Certificate	NL0011731005	PALLA 540TL OPENH	EUR	53,9700	53,9700	53,9700			53,9700					
Certificate	NL0011730999	PALLA 561TL OPENH	EUR	52,2400	52,2400	52,2400			52,2400					
Certificate	NL0012102347	PALLA 691TL OPENB	EUR	42,1900	42,2650	42,1150	632,8500	1	42,1150	15				
Certificate	DE000CF6BJX9	PALLA 708TL OPENZ	EUR	38,2700	38,2700	37,3100			37,3100					
Certificate	NL0012103642	PALLA 744TL OPENB	EUR	37,8850	37,8850	37,8850			37,8850					
Certificate	DE000CV89PY8	PANDO 268. TL OPENZ	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	DE000CV8AQ09	PANDO217.5TL OPENZ	EUR	2,7550	2,7550	2,7550			2,7550					
Certificate	DE000CV8AQZ6	PANDO277.2TL OPENZ	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	DE000CV8AR08	PANDO298.9TL OPENZ	EUR	1,9450	1,9450	1,9450			1,9450					
Certificate	DE000CV8ARU5	PANDO317.7TL OPENZ	EUR	1,4250	1,4250	1,4250			1,4250					
Certificate	DE000CV8ARJ8	PANDO320.5TL OPENZ	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000CJ3N4R9	PANDO350.5TL OPENZ	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	DE000CJ3N344	PANDO352.7TL OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000CJ3N781	PANDO380.5TL OPENZ	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	DE000CJ3N7M3	PANDO387.6TL OPENZ	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	DE000CJ3PB4	PANDO410.5TL OPENZ	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	DE000CV8AJ40	PANDO443.2TS OPENZ	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000CV89H22	PANDO489.2TS OPENZ	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000CV88WA6	PANDOS35.1TS OPENZ	EUR	2,1650	2,1650	2,1650			2,1650					
Certificate	DE000CV88ZE1	PANDOS54.8TS OPENZ	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000CV893R4	PANDO604.8TS OPENZ	EUR	2,4950	2,4950	2,4950			2,4950					
Certificate	DE000CR6XDU7	PARGE53.24TL OPENZ	EUR	1,2850	1,4200	1,2850			1,4200					
Certificate	DE000CN6L1D6	PARGE60.11TL OPENZ	EUR	0,6850	0,8200	0,6850			0,8200					
Certificate	DE000CY5OW50	PAYPL 50TL OPENC	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	DE000CY5OZ24	PAYPL 50TL OPENC	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	DE000CY5OZ32	PAYPL 55TL OPENC	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	DE000CY5OW68	PAYPL 55TL OPENC	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CY5OW76	PAYPL 56TL OPENC	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000CY5OZ40	PAYPL 56TL OPENC	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000CJ3N6K9	PAYPL 57TL 1218Z	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	DE000CY51584	PAYPL 58TL OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CY51L11	PAYPL 65TL OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CY51MY9	PAYPL 65TL OPENC	EUR	1,7300	1,7300	1,7300			1,7300					



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	DE000CV8AEC1	PAYPL 66TL 1218Z	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	DE000CV8AH91	PAYPL 71TL 1218Z	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	DE000CQ5BAA4	PAYPL 75TL OPENC	EUR											
Certificate	DE000CJ3PCR8	PAYPL 76TL 1218Z	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	DE000CP06UQ0	PAYPL 80TS OPENC	EUR											
Certificate	DE000CQ5BJ59	PAYPL 82TL OPENC	EUR											
Certificate	DE000CQ5ATQ2	PAYPL 82TS OPENC	EUR											
Certificate	DE000CQ5ABY4	PAYPL 95TS OPENC	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CQ5B1A8	PAYPL 95TS OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CQ5BLE3	PAYPL 95TS OPENC	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CQ5BAC0	PAYPL 95TS OPENC	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CQ5BJ67	PAYPL 100TS OPENC	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CQ5BEM1	PAYPL 100TS OPENC	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CV8AHS0	PAYPL51.05TL OPENZ	EUR	3,0250	3,0250	3,0250			3,0250					
Certificate	DE000CV89UA8	PAYPL61.25TL OPENZ	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	DE000CV89UB6	PAYPL71.34TL OPENZ	EUR	1,0900	1,2600	1,0900	1076,0600	5	1,2450	912				
Certificate	DE000CJ3PGS7	PAYPL79.32TL OPENZ	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	DE000CE6DFV7	PBR 7.41TL OPENZ	EUR	7,6050	7,6050	7,6050			7,6050					
Certificate	DE000CE6CF32	PBR 8.08TL OPENZ	EUR	7,0550	7,0550	7,0550			7,0550					
Certificate	DE000CE6DYE4	PBR 8.75TL OPENZ	EUR	6,4950	6,4950	6,4950			6,4950					
Certificate	DE000CV89S88	PBR 9.82TL OPENZ	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	DE000CJ3NLZ7	PBR 10.89TL OPENZ	EUR	4,7350	4,7350	4,7350			4,7350					
Certificate	DE000CJ3NY87	PBR 12.39TL OPENZ	EUR	3,4650	3,4650	3,4650			3,4650					
Certificate	DE000CJ3N1R5	PBR 14.39TL OPENZ	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	DE000CV4YXN7	PERNO107.6TL OPENZ	EUR	0,8950	1,0000	0,8950			1,0000					
Certificate	DE000CV4YYZ9	PERNO121.6TL OPENZ	EUR	0,3450	0,4500	0,3450			0,4500					
Certificate	DE000CJ3NMH3	PERNO87.54TL OPENZ	EUR	1,7050	1,8000	1,7050			1,8000					
Certificate	NL0010443370	PEUGO 3TL OPENB	EUR	17,6300	17,6300	17,6300			17,6300					
Certificate	DE000CX0KUL2	PEUGO 10TL OPENC	EUR	10,4700	10,4700	10,4700			10,4700					
Certificate	NL0010607305	PEUGO 5.4TL OPENB	EUR	15,4300	15,4300	15,4300			15,4300					
Certificate	NL0010905493	PEUGO 8.8TL OPENB	EUR	11,0200	12,2800	11,0200			12,2800					
Certificate	NL0013012206	PEUGO 18.4TL OPENB	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	NL0013014483	PEUGO 19.4TL OPENB	EUR											
Certificate	NL0012978498	PEUGO 19.4TL OPENB	EUR											
Certificate	NL0013012214	PEUGO 20.4TL OPENB	EUR											
Certificate	NL0013015696	PEUGO 20.5TS OPENB	EUR											
Certificate	NL0013005978	PEUGO 22.5TS OPENB	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0013002553	PEUGO 24.5TS OPENB	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	NL0012983456	PEUGO 26.5TS OPENB	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	NL0013000128	PEUGO 28.5TS OPENB	EUR	10,4700	10,4700	10,4700			10,4700					
Certificate	NL0012313258	PEUGO 5.24TL OPENH	EUR	14,3900	15,5500	14,3900			15,5500					
Certificate	NL0012313241	PEUGO 7.28TL OPENH	EUR	12,5300	13,6900	12,5300			13,6900					
Certificate	NL0011989140	PEUGO11.35TL OPENH	EUR	8,8200	9,9900	8,8200			9,9900					
Certificate	NL0011992607	PEUGO11.94TL OPENH	EUR	8,2800	9,4400	8,2800			9,4400					
Certificate	DE000CD62DE1	PEUGO12.64TL OPENZ	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	NL0012051155	PEUGO13.41TL OPENH	EUR	6,9500	8,1100	6,9500			8,1100					
Certificate	DE000CD640M2	PEUGO14.14TL OPENZ	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	NL0012051148	PEUGO14.44TL OPENH	EUR	6,0200	7,1800	6,0200			7,1800					
Certificate	NL0012057681	PEUGO15.45TL OPENH	EUR	5,0900	6,2500	5,0900			6,2500					
Certificate	DE000CD64D60	PEUGO16.13TL OPENZ	EUR	4,0600	4,2450	4,0600	40,6000	1	4,2450	10				
Certificate	NL0012556195	PEUGO16.45TL OPENH	EUR	4,1800	5,3400	4,1800			5,3400					
Certificate	NL0012585343	PEUGO17.45TL OPENH	EUR	3,2700	4,4300	3,2700			4,4300					
Certificate	DE000CV88814	PEUGO18.11TL OPENZ	EUR	2,3050	2,3050	2,3050			2,3050					
Certificate	NL0012601025	PEUGO18.46TL OPENH	EUR	2,3600	3,5200	2,3600			3,5200					
Certificate	NL0013084148	PEUGO21.45TL OPENH	EUR											
Certificate	NL0012907141	PEUGO24.45TS OPENH	EUR	8,0600	8,3900	6,8800	83900,0000	1	6,8800	10000				
Certificate	NL0012313217	PEUGO26.26TS OPENH	EUR	10,0600	10,1700	8,8900	50850,0000	1	8,8900	5000				
Certificate	NL0012367015	PEUGO28.27TS OPENH	EUR	12,3000	12,3000	11,1200			11,1200					
Certificate	NL0012522999	PEUGO30.43TS OPENH	EUR	14,6900	14,6900	13,5200			13,5200					
Certificate	NL0012891337	PEUGO34.32TS OPENH	EUR	19,0100	19,0100	17,8300			17,8300					
Certificate	NL0012891329	PEUGO36.32TS OPENH	EUR	21,2200	21,2200	20,0500			20,0500					
Certificate	NL0009533140	PFIZR 8.8TL OPENB	EUR	31,4300	31,4300	31,4300			31,4300					
Certificate	NL0009563881	PFIZR 10.5TL OPENB	EUR	30,0500	30,0500	30,0500			30,0500					
Certificate	NL0011425921	PFIZR 26.1TL OPENB	EUR	17,6000	17,6000	17,6000			17,6000					
Certificate	DE000CR9RV59	PGMBLS7.45TL OPENZ	EUR	2,7700	2,7700	2,7500			2,7500					
Certificate	DE000CJ3NMS7	PHARM 0.38TL OPENZ	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CJ3NLS2	PHARM 0.49TL OPENZ	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CV89291	PHARM 0.61TL OPENZ	EUR	0,4300	0,4300	0,4200	430,0000	1	0,4200	1000				
Certificate	DE000CJ3NPA1	PHARM 0.66TL OPENZ	EUR	0,3900	0,3900	0,3700	195,0000	1	0,3700	500				
Certificate	DE000CJ3NPB9	PHARM 0.73TL OPENZ	EUR	0,3200	0,3400	0,3000	12462,0000	6	0,3100	39800				
Certificate	DE000CJ3NPC7	PHARM 0.79TL OPENZ	EUR	0,2600	0,2600	0,2600	2080,0000	2	0,2600	8000				
Certificate	DE000CJ3N807	PHARM 0.86TL 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	DE000CJ3PDG9	PHARM 0.94TL OPENZ	EUR											
Certificate	DE000CJ3N658	PHARM 0.98TS OPENZ	EUR											
Certificate	DE000CJ3PJM4	PHARM 0.98TS OPENZ	EUR											
Certificate	DE000CJ3NW71	PHARM 1.08TS OPENZ	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CJ3NLU8	PHARM 1.18TS OPENZ	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	NL0012986020	PHARM 1.34TS OPENB	EUR	0,5600	0,5600	0,5550	2240,0000	1	0,5550	4000				
Certificate	DE000CV8AM03	PHARM 1.34TS OPENZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CV89Y49	PHARM 1.51TS OPENZ	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CV89L02	PHARM 1.67TS OPENZ	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CV89L10	PHARM 1.84TS OPENZ	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0013007875	PHARM0.413TL OPENB	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	NL0013000086	PHARM0.512TL OPENB	EUR	0,4800	0,4900	0,4750	1018,0000	3	0,4750	2100				
Certificate	NL0012999551	PHARM0.612TL OPENB	EUR	0,4200	0,4200	0,3800	8597,8800	6	0,3850	21894				
Certificate	NL0013000755	PHARM0.712TL OPENB	EUR	0,3000	0,3100	0,2950	10640,0000	5	0,2950	35000				
Certificate	NL0013001357	PHARM0.812TL OPENB	EUR	0,1900	0,2300	0,1700	6057,9000	7	0,2050	29380				
Certificate	NL0013012834	PHARM0.912TL OPENB	EUR											
Certificate	NL0012999676	PHARM1.089TS OPENB	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	NL0012972723	PHARM1.588TS OPENB	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000CR9NYS0	PHIL 69.84TL OPENZ	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	NL0010514444	PHILP 18TL OPENB	EUR	15,2600	15,2600	15,2600			15,2600					
Certificate	DE000CX00EH0	PHILP 21TL OPENC	EUR	13,5400	13,5400	13,5400			13,5400					
Certificate	DE000CX00FJ3	PHILP 21TL OPENC	EUR	12,5700	12,5700	12,5700			12,5700					
Certificate	DE000CX59A90	PHILP 22TL OPENC	EUR	12,0100	12,0100	12,0100			12,0100					
Certificate	DE000CX59GJ7	PHILP 22TL OPENC	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	NL0011927983	PHILP 22TL OPENH	EUR	10,7500	11,3000	10,7500			11,3000					
Certificate	DE000CX59N79	PHILP 24TL OPENC	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	DE000CX59GK5	PHILP 25TL OPENC	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	DE000CX59YM4	PHILP 25TL OPENC	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	DE000CX59Q76	PHILP 26TL OPENC	EUR	8,1600	8,1600	8,1600			8,1600					
Certificate	DE000CX59KU6	PHILP 26TL OPENC	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	NL0012114060	PHILP 27TL OPENB	EUR	6,7700	6,9700	6,7600	2031,0000	1	6,9700	300				
Certificate	DE000CY16C57	PHILP 27TL OPENC	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	DE000CY16AU5	PHILP 27TL OPENC	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	DE000CY16AV3	PHILP 28TL OPENC	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	DE000CY16C65	PHILP 28TL OPENC	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000CQ5APY4	PHILP 29TL OPENC	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	DE000CQ5A7W0	PHILP 29TL OPENC	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	DE000CY16S67	PHILP 29TL OPENC	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	DE000CQ5A5L7	PHILP 30TL OPENC	EUR	2,4100	2,6100	2,3800	2311,6000	3	2,6100	940				
Certificate	DE000CQ5A7X8	PHILP 30TL OPENC	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0013014491	PHILP 31TL OPENB	EUR											
Certificate	DE000CQ5AP21	PHILP 31TL OPENC	EUR	1,1900	1,6500	1,1900	183,8000	2	1,6500	120				
Certificate	DE000CQ5AT33	PHILP 32TL OPENC	EUR											
Certificate	DE000CQ5AWW4	PHILP 33TL OPENC	EUR											
Certificate	DE000CQ5AV70	PHILP 33TL OPENC	EUR											
Certificate	DE000CQ5AT41	PHILP 33TL OPENC	EUR											
Certificate	DE000CQ5B2Y6	PHILP 33TL OPENC	EUR											
Certificate	NL0012649115	PHILP 34BOC1218Z	EUR	33,2900	33,4850	33,2900			33,4850					
Certificate	DE000CQ5B2Z3	PHILP 34TL OPENC	EUR											
Certificate	DE000CQ5AWX2	PHILP 34TL OPENC	EUR											
Certificate	NL0012649123	PHILP 36BOC1218Z	EUR	33,9750	34,5800	33,9750			34,5800					
Certificate	DE000CP06WY0	PHILP 36TS OPENC	EUR											
Certificate	DE000CP07A10	PHILP 36TS OPENC	EUR											
Certificate	DE000CP07A28	PHILP 38TS OPENC	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	DE000CP06U58	PHILP 38TS OPENC	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	DE000CY50UV0	PHILP 38TS OPENC	EUR											
Certificate	DE000CY51CD4	PHILP 42TS OPENC	EUR	10,7300	10,7300	10,7300			10,7300					
Certificate	DE000CY51AN7	PHILP 42TS OPENC	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	DE000CQ5BFH8	PHILP 42TS OPENC	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	DE000CQ5B3C0	PHILP 44TS OPENC	EUR	13,7500	13,7500	13,7500			13,7500					
Certificate	DE000CQ5AWY0	PHILP 44TS OPENC	EUR	12,1100	12,1100	12,1100			12,1100					
Certificate	DE000CY51AP2	PHILP 44TS OPENC	EUR	10,7800	10,7800	10,7800			10,7800					
Certificate	DE000CQ5B0M5	PHILP 46TS OPENC	EUR	14,1300	14,1300	14,1300			14,1300					
Certificate	DE000CP062M5	PHILP 46TS OPENC	EUR	16,0500	16,0500	16,0500			16,0500					
Certificate	DE000CP06L83	PHILP 48TS OPENC	EUR	18,1600	18,1600	18,1600			18,1600					
Certificate	DE000CP06OQ0	PHILP 48TS OPENC	EUR	16,3600	16,3600	16,3600			16,3600					
Certificate	DE000CP06KM0	PHILP 50TS OPENC	EUR	18,3800	18,3800	18,3800			18,3800					
Certificate	NL0010175774	PHILP 14.9TL OPENB	EUR	18,2100	18,2100	18,2100			18,2100					
Certificate	NL0010282224	PHILP 15.8TL OPENB	EUR	17,3700	17,3700	17,3700			17,3700					
Certificate	NL0010887592	PHILP 16.3TL OPENB	EUR	16,0600	16,8500	16,0600			16,8500					
Certificate	NL0010380390	PHILP 16.9TL OPENB	EUR	16,3600	16,3600	16,3600			16,3600					
Certificate	NL0010887600	PHILP 17.4TL OPENB	EUR	15,0900	15,8800	15,0900			15,8800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011039664	PHILP 17.4TL OPENH	EUR	15,0300	15,5900	15,0300			15,5900					
Certificate	NL0011906664	PHILP 21.5TL OPENB	EUR	12,0000	12,0000	12,0000			12,0000					
Certificate	NL0011916630	PHILP 23.7TL OPENB	EUR	10,0000	10,0000	10,0000			10,0000					
Certificate	NL0012017628	PHILP 24.8TL OPENB	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	NL0011990403	PHILP 25.6TL OPENH	EUR	7,4000	7,9600	7,4000			7,9600					
Certificate	NL0012106827	PHILP 25.9TL OPENB	EUR	6,8600	7,9700	6,8600	6846,0000	2	7,9700	900				
Certificate	DE000CE6C2H5	PHILP 27.1TL OPENZ	EUR	4,6900	5,5650	4,6900	484,0000	1	5,5650	100				
Certificate	DE000CE6BR47	PHILP 27.3TL OPENZ	EUR	3,7700	4,6350	3,7700			4,6350					
Certificate	NL0012120232	PHILP 28.1TL OPENB	EUR	4,8200	5,9500	4,8200	7780,0500	15	5,9500	1361				
Certificate	NL0012779854	PHILP 29.5TL OPENB	EUR	4,4300	4,5600	4,4300	553,7500	1	4,5600	125				
Certificate	NL0013015704	PHILP 32.4TS OPENB	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0012648802	PHILP 32.5BON0619Z	EUR	32,0950	32,7700	32,0950			32,7700					
Certificate	NL0012784177	PHILP 32.5TL OPENB	EUR											
Certificate	NL0012785455	PHILP 33.8BL OPENB	EUR											
Certificate	LU1859714575	PHILP 33.8TPIOPENS	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	NL0013009749	PHILP 34.1TL OPENB	EUR											
Certificate	LU1756861420	PHILP 34.3TCIOPENS	EUR											
Certificate	NL0013013519	PHILP 34.8BL OPENB	EUR											
Certificate	NL0013014574	PHILP 34.9TS OPENB	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	NL0012649131	PHILP 36.5BOC0619Z	EUR	33,3300	33,9250	33,3300			33,9250					
Certificate	NL0013005986	PHILP 37.4TS OPENB	EUR	8,5100	8,5100	8,5100			8,5100					
Certificate	NL0012494611	PHILP 38.5BOC1218B	EUR	36,8400	37,3200	36,8400			37,3200					
Certificate	NL0013004286	PHILP 39.9TS OPENB	EUR	11,1900	11,1900	11,1900			11,1900					
Certificate	LU1757007148	PHILP 40.7TPIOPENS	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	NL0012795611	PHILP 41.5BOC0619Z	EUR	29,9500	30,8800	29,9500			30,8800					
Certificate	DE000CV88GV5	PHILP 42.1TS OPENZ	EUR	2,2550	2,2550	2,0800			2,0800					
Certificate	NL0012784292	PHILP 42.4TS OPENB	EUR	13,8900	13,8900	13,8900			13,8900					
Certificate	NL0012790828	PHILP 43.2BS OPENB	EUR	11,4100	11,4100	11,4100			11,4100					
Certificate	NL0012795629	PHILP 43.5BOC0919Z	EUR	29,9400	30,8700	29,9400			30,8700					
Certificate	NL0012787733	PHILP 44.9TS OPENB	EUR	16,5400	16,5400	16,5400			16,5400					
Certificate	DE000CV890Y6	PHILP 47.1TS OPENZ	EUR	3,2450	3,2450	3,0700			3,0700					
Certificate	NL0012985394	PHILP 47.3TS OPENB	EUR	19,1700	19,1700	19,1700			19,1700					
Certificate	NL0012899496	PHILP 48.1TS OPENH	EUR	20,7400	20,7400	20,2000			20,2000					
Certificate	NL0013003452	PHILP 49.8TS OPENB	EUR	21,8700	21,8700	21,8700			21,8700					
Certificate	NL0011039680	PHILP11.02TL OPENH	EUR	20,9700	21,5300	20,9700			21,5300					
Certificate	NL0011040407	PHILP13.15TL OPENH	EUR	18,9900	19,5500	18,9900			19,5500					
Certificate	NL0011051669	PHILP15.08TL OPENH	EUR	17,1900	17,7500	17,1900			17,7500					
Certificate	NL0011039672	PHILP15.27TL OPENH	EUR	17,0100	17,5700	17,0100			17,5700					
Certificate	NL0011230495	PHILP17.35TL OPENH	EUR	15,0800	15,6400	15,0800			15,6400					
Certificate	NL0011040381	PHILP18.46TL OPENH	EUR	14,0500	14,6100	14,0500			14,6100					
Certificate	DE000CF805U2	PHILP19.13TL OPENC	EUR	14,8500	14,8500	14,8500			14,8500					
Certificate	NL0011602446	PHILP19.19TL OPENH	EUR	13,3600	13,9200	13,3600			13,9200					
Certificate	DE000CF04HNO	PHILP19.84TL OPENC	EUR	14,1000	14,1000	14,1000			14,1000					
Certificate	NL0011743448	PHILP19.94TL OPENH	EUR	12,6700	13,2300	12,6700			13,2300					
Certificate	DE000CR9P4K9	PHILP19.95TL OPENZ	EUR	11,6300	12,5050	11,6300			12,5050					
Certificate	NL0011650874	PHILP20.35BL OPENB	EUR	11,8600	11,8600	11,8600			11,8600					
Certificate	DE000CC3ZGJ2	PHILP20.91TL OPENC	EUR	13,8300	13,8300	13,8300			13,8300					
Certificate	NL0011896634	PHILP20.97TL OPENH	EUR	11,7100	12,2700	11,7100			12,2700					
Certificate	DE000CZ79W64	PHILP21.34TL OPENZ	EUR	9,6900	10,5600	9,6900			10,5600					
Certificate	DE000CD624M6	PHILP21.48TL OPENZ	EUR	10,1400	11,0150	10,1400			11,0150					
Certificate	NL0011934872	PHILP23.04TL OPENH	EUR	9,7800	10,3400	9,7800			10,3400					
Certificate	NL0011916341	PHILP23.52BL OPENB	EUR	8,6800	8,6800	8,6800			8,6800					
Certificate	DE000CD62N86	PHILP23.52TL OPENZ	EUR	8,1600	9,0350	8,1600			9,0350					
Certificate	NL0011970603	PHILP24.07TL OPENH	EUR	8,8200	9,3800	8,8200			9,3800					
Certificate	DE000CD62LD6	PHILP24.32TL OPENZ	EUR	6,7200	7,5900	6,7200	6930,0000	2	7,5900	1000				
Certificate	NL0011989389	PHILP24.57TL OPENH	EUR	8,3500	8,9100	8,3400	1084,2000	1	8,9100	130				
Certificate	NL0011918941	PHILP24.58BL OPENB	EUR	6,8200	7,6200	6,5200	5718,4000	3	7,6200	870				
Certificate	NL0011990411	PHILP25.08TL OPENH	EUR	7,8800	8,4400	7,8800			8,4400					
Certificate	DE000CD632F3	PHILP25.81TL OPENZ	EUR	5,2500	6,1250	5,2500			6,1250					
Certificate	NL0012057699	PHILP26.09TL OPENH	EUR	6,9400	7,5000	6,9400			7,5000					
Certificate	NL0012179048	PHILP26.61TL OPENH	EUR	6,4600	7,0100	6,4600			7,0100					
Certificate	NL0012113070	PHILP26.68BL OPENB	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0012197511	PHILP27.11TL OPENH	EUR	5,9900	6,5400	5,9900			6,5400					
Certificate	NL0012118061	PHILP27.72BL OPENB	EUR	3,4500	4,4900	3,4500	5991,0000	3	4,4900	1600				
Certificate	LU1840981135	PHILP28.15TCIOPENS	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	NL0012203046	PHILP28.15TL OPENH	EUR	5,0200	5,5800	5,0200			5,5800					
Certificate	NL0012121669	PHILP28.76BL OPENB	EUR	2,6500	3,4500	2,6500	397,5000	1	3,4500	150				
Certificate	DE000CE6C2C6	PHILP28.78TL OPENZ	EUR	2,3100	3,3100	2,2300	1580,1000	5	3,1750	520				
Certificate	NL0012600050	PHILP29.26TL OPENH	EUR	3,9900	4,5400	3,9900			4,5400					
Certificate	LU1859832690	PHILP29.72TCIOPENS	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0013014822	PHILP29.76BL OPENB	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	NL0012604490	PHILP30.19TL OPENH	EUR	3,1200	3,6800	3,1200	3200,0000	1	3,6800	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	LU1841153106	PHILP30.67TCIOPENS	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CV88AL9	PHILP30.76TL OPENZ	EUR	0,0650	0,2900	0,0380	1156,8000	6	0,2500	4350				
Certificate	NL0012608103	PHILP31.19TL OPENH	EUR											
Certificate	LU1841153288	PHILP31.22TCIOPENS	EUR											
Certificate	LU1840981218	PHILP31.67TCIOPENS	EUR											
Certificate	NL0012784375	PHILP31.788L OPENB	EUR											
Certificate	LU1841153361	PHILP31.92TCIOPENS	EUR											
Certificate	NL0012609143	PHILP32.19TL OPENH	EUR											
Certificate	DE000CV88K53	PHILP32.22TL OPENZ	EUR											
Certificate	DE000CV88GU7	PHILP32.75TL OPENZ	EUR											
Certificate	LU1859830728	PHILP32.75TPIOPENS	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	NL0012609721	PHILP33.19TL OPENH	EUR											
Certificate	NL0013015043	PHILP33.248S OPENB	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	LU1840981309	PHILP33.43TCIOPENS	EUR											
Certificate	NL0012615660	PHILP34.21TL OPENH	EUR											
Certificate	LU1756734825	PHILP34.59TCIOPENS	EUR											
Certificate	DE000CJ3PC40	PHILP34.73TL OPENZ	EUR											
Certificate	LU1859714658	PHILP35.05TPIOPENS	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	NL0013015050	PHILP35.248S OPENB	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	DE000CJ3PF96	PHILP35.62TS OPENZ	EUR	0,9550	0,9550	0,7800			0,7800					
Certificate	LU1840979667	PHILP36.36TPIOPENS	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	NL0013079379	PHILP37.19TS OPENH	EUR	8,9800	8,9800	8,4400			8,4400					
Certificate	NL0013007024	PHILP37.248S OPENB	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	LU1840912320	PHILP37.76TPIOPENS	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	DE000CJ3N492	PHILP38.62TS OPENZ	EUR	1,5450	1,5450	1,3800			1,3800					
Certificate	NL0012907158	PHILP38.94TS OPENH	EUR	10,8600	10,8600	10,3100			10,3100					
Certificate	NL0013004807	PHILP39.238S OPENB	EUR	7,4400	7,4400	7,4400			7,4400					
Certificate	NL0012930879	PHILP40.85TS OPENH	EUR	12,9200	12,9200	12,3700			12,3700					
Certificate	NL0012934798	PHILP40.94TS OPENH	EUR	13,0100	13,0100	12,4700			12,4700					
Certificate	NL0012784938	PHILP41.228S OPENB	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	NL0012847180	PHILP41.57TS OPENH	EUR	13,6900	13,6900	13,1500			13,1500					
Certificate	LU1817099101	PHILP42.28TPIOPENS	EUR	10,3000	10,3000	10,3000			10,3000					
Certificate	NL0012900336	PHILP43.11TS OPENH	EUR	15,3600	15,3600	14,8200			14,8200					
Certificate	NL0012847172	PHILP43.55TS OPENH	EUR	15,8300	15,8300	15,2900			15,2900					
Certificate	NL0012984959	PHILP45.198S OPENB	EUR	13,4000	13,4000	13,4000			13,4000					
Certificate	NL0012900039	PHILP46.11TS OPENH	EUR	18,5900	18,5900	18,0500			18,0500					
Certificate	NL0012997670	PHILP47.198S OPENB	EUR	15,4000	15,4000	15,4000			15,4000					
Certificate	NL0012890800	PHILP47.98TS OPENH	EUR	20,6100	20,6100	20,0700			20,0700					
Certificate	DE000CR1JQ96	PHIMO69.93TL OPENZ	EUR	3,3900	3,4900	3,3900			3,4900					
Certificate	NL0000451870	PLATI PI OPENN	EUR	7,2300	7,2600	7,2300			7,2600					
Certificate	DE000CV8A7N6	PLATI 612TL OPENZ	EUR	2,0900	2,0900	2,0700			2,0700					
Certificate	NL0012989800	PLATI 623TL OPENB	EUR	2,0600	2,0800	2,0600	1936,4000	1	2,0800	940				
Certificate	NL0012977946	PLATI 673TL OPENB	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000VA6D4M8	PLATI 684TL OPENV	EUR	1,5775	1,5775	1,5775			1,5775					
Certificate	DE000VASRJU4	PLATI 708TL OPENV	EUR	1,3715	1,3715	1,3715			1,3715					
Certificate	DE000CN6HPP8	PLATI 715TL OPENZ	EUR	1,2050	1,2050	1,1800			1,1800					
Certificate	NL0011540257	PLATI 725TL OPENB	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000VA3Z583	PLATI 732TL OPENV	EUR	1,1515	1,1515	1,1515			1,1515					
Certificate	NL0012888895	PLATI 744TL OPENH	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	NL0012888887	PLATI 754TL OPENH	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CN6HAR6	PLATI 757TL OPENZ	EUR	0,8450	0,8450	0,8200			0,8200					
Certificate	DE000VASRJV2	PLATI 758TL OPENV	EUR	0,9505	0,9505	0,9505			0,9505					
Certificate	NL0012888879	PLATI 764TL OPENH	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0012999973	PLATI 776TL OPENB	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	DE000VA6ECU5	PLATI 784TL OPENV	EUR	0,7405	0,7405	0,7405			0,7405					
Certificate	DE000VA3D895	PLATI 806TL OPENV	EUR											
Certificate	DE000CJ3N6F9	PLATI 807TL OPENZ	EUR	0,4000	0,4000	0,3700			0,3700					
Certificate	DE000VA64Z31	PLATI 810TL OPENV	EUR	0,5295	0,5295	0,5295			0,5295					
Certificate	DE000VA3D9A5	PLATI 831TL OPENV	EUR											
Certificate	DE000VA3D9B3	PLATI 856TL OPENV	EUR											
Certificate	DE000VA4YY66	PLATI 857TS OPENV	EUR	0,6395	0,6395	0,6395			0,6395					
Certificate	NL0012933667	PLATI 859TS OPENH	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	NL0012923429	PLATI 879TS OPENH	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	DE000VA3TKS7	PLATI 883TS OPENV	EUR	0,8635	0,8635	0,8635			0,8635					
Certificate	NL0012977953	PLATI 894TS OPENB	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000CV8A7Q9	PLATI 894TS OPENZ	EUR	0,7650	0,8000	0,7650			0,8000					
Certificate	NL0012923411	PLATI 899TS OPENH	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000VA3KSK6	PLATI 908TS OPENV	EUR	1,0895	1,0895	1,0895			1,0895					
Certificate	NL0012923403	PLATI 919TS OPENH	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000VA219P6	PLATI 933TS OPENV	EUR	1,3165	1,3165	1,3165			1,3165					
Certificate	NL0012786511	PLATI 945TS OPENB	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000VA2T9Q4	PLATI 958TS OPENV	EUR	1,5455	1,5455	1,5455			1,5455					



Instrument Type	Exchange Instrument ID	Instrument Name	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 992TS OPENZ	EUR	1,6450	1,6800	1,6450			1,6800					
Certificate	NL0012021257	PLATI 1046TS OPENB	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CD63A80	PLATI 1089TS OPENZ	EUR	2,5200	2,5600	2,5200								
Certificate	NL0011050364	PLATI 1174TS OPENH	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000CN6LBE4	PLATI 1197TS OPENZ	EUR	3,4850	3,5300	3,4850								
Certificate	NL0011050356	PLATI 1213TS OPENH	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	NL0011050349	PLATI 1287TS OPENH	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	NL0010155727	PLATI 1552TL OPENA	EUR											
Certificate	DE000VA4YV82	PLATI 719.TL OPENV	EUR	1,0155	1,0155	1,0155			1,0155					
Certificate	DE000CV8B558	PLATI 800.TL OPENZ	EUR											
Certificate	DE000VA6D4N6	PLATI670.6TL OPENV	EUR	1,4545	1,4545	1,4545			1,4545					
Certificate	DE000VA3TKT5	PLATI742.8TL OPENV	EUR	0,7415	0,7415	0,7415			0,7415					
Certificate	DE000VA6EBS1	PLATI770.9TL OPENV	EUR	0,5725	0,5725	0,5725			0,5725					
Certificate	DE000VA6EEU1	PLATI796.2TL OPENV	EUR	0,3415	0,3415	0,3415			0,3415					
Certificate	DE000VA7TF30	PLATI822.2TL OPENV	EUR											
Certificate	DE000VA4YV58	PLATI860.7TS OPENV	EUR	0,3225	0,3225	0,3225			0,3225					
Certificate	DE000VA3TKR9	PLATI887.3TS OPENV	EUR	0,5405	0,5405	0,5405			0,5405					
Certificate	DE000VA3KSJ8	PLATI912.7TS OPENV	EUR	0,7595	0,7595	0,7595			0,7595					
Certificate	DE000VA1SSV0	PLATI940.6TS OPENV	EUR	0,9765	0,9765	0,9765			0,9765					
Certificate	DE000VL9VUE6	PLATI966.6TS OPENV	EUR	1,1945	1,1945	1,1945			1,1945					
Certificate	NL0009067156	PORSC 20TL OPENB	EUR	3,9450	3,9450	3,9450			3,9450					
Certificate	NL0009992999	PORSC 29TL OPENB	EUR	2,4750	2,4750	2,4750			2,4750					
Certificate	NL0011438312	PORSC 32.9TL OPENB	EUR	2,1050	2,1050	2,1050			2,1050					
Certificate	NL0012020812	PORSC 42.3TL OPENB	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	NL0012038780	PORSC 45.4TL OPENB	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000CD63V44	PORSC 46.3TL OPENZ	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	NL0012494421	PORSC 48.4TL OPENB	EUR	0,6800	0,6950	0,6650	17,0000	1	0,6650	25				
Certificate	NL0012999577	PORSC 51.4TL OPENB	EUR											
Certificate	NL0013008006	PORSC 58.9TS OPENB	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	NL0012973168	PORSC 63.8TS OPENB	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	NL0012697221	PORSC 78.6TS OPENB	EUR	3,3350	3,3350	3,3350			3,3350					
Certificate	DE000CN6EZT6	PORSC36.82TL OPENZ	EUR	1,3900	1,4900	1,3900	1042,5000	1	1,4900	750				
Certificate	DE000CN6KAM1	PORSC40.84TL OPENZ	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	NL0012998579	PORSC41.11BL OPENB	EUR	1,1600	1,1600	1,1200	580,0000	1	1,1200	500				
Certificate	NL0012998587	PORSC46.12BL OPENB	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	NL0012998595	PORSC51.13BL OPENB	EUR											
Certificate	DE000CJ3NIX6	PORSC51.29TL OPENZ	EUR											
Certificate	NL0013007735	PORSC57.79BS OPENB	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	NL0012998603	PORSC62.79BS OPENB	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	NL0012998611	PORSC67.77BS OPENB	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	NL0012795900	POST LEVOPENZ	EUR	15,4600	16,2600	15,4600			16,2600					
Certificate	NL0012795942	POST SHROPENZ	EUR	136,1200	136,1200	129,3200			129,3200					
Certificate	DE000VA7PVF0	POST 3TS 0319V	EUR	0,6080	0,6080	0,6080			0,6080					
Certificate	DE000VA7PVJ2	POST 3TS 1218V	EUR	0,6010	0,6010	0,6010			0,6010					
Certificate	NL0010010567	POST 0.7TL OPENB	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	NL0010009080	POST 0.9TL OPENB	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	NL0010438750	POST 1.5TL OPENB	EUR	1,1800	1,1800	1,1600	4914,0000	2	1,1750	4200				
Certificate	DE000VA71T55	POST 2.3TL 0319V	EUR	0,2480	0,2480	0,2480			0,2480					
Certificate	DE000VA71MT7	POST 2.4TL 0319V	EUR	0,1490	0,1490	0,1490			0,1490					
Certificate	DE000VA71T48	POST 2.4TL 1218V	EUR	0,1400	0,1400	0,1400			0,1400					
Certificate	DE000VA8FS30	POST 2.5TL 0319V	EUR											
Certificate	DE000VA7TDX3	POST 2.5TL 0319V	EUR											
Certificate	DE000VA71ML4	POST 2.5TL 1218V	EUR											
Certificate	DE000VA8FS22	POST 2.5TL 1218V	EUR											
Certificate	DE000VA8FR72	POST 2.6TS 0319V	EUR	0,2060	0,2060	0,2060			0,2060					
Certificate	DE000VA8FR80	POST 2.6TS 1218V	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000VA71MB5	POST 2.7TS 0319V	EUR	0,3070	0,3070	0,3070			0,3070					
Certificate	DE000VA71MU5	POST 2.7TS 1218V	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000VA71MD1	POST 2.8TS 0319V	EUR	0,4080	0,4080	0,4080			0,4080					
Certificate	DE000VA71MW1	POST 2.8TS 1218V	EUR	0,4010	0,4010	0,4010			0,4010					
Certificate	DE000VA71MG4	POST 2.9TS 0319V	EUR	0,5080	0,5080	0,5080			0,5080					
Certificate	NL0012795298	POST 3.1BON0319Z	EUR	2,4550	2,4950	2,4550			2,4950					
Certificate	DE000VA7PS21	POST 3.1TS 0319V	EUR	0,7080	0,7080	0,7080			0,7080					
Certificate	DE000VA7PS62	POST 3.1TS 1218V	EUR	0,7010	0,7010	0,7010			0,7010					
Certificate	NL0012795397	POST 3.2BON0319Z	EUR	2,7250	2,7500	2,7250			2,7500					
Certificate	NL0012795389	POST 3.2BON1218Z	EUR	2,7100	2,7550	2,7100			2,7550					
Certificate	DE000VA7PS39	POST 3.2TS 0319V	EUR	0,8080	0,8080	0,8080			0,8080					
Certificate	DE000VA64Y57	POST 3.2TS 1218V	EUR	0,8010	0,8010	0,8010			0,8010					
Certificate	NL0012796445	POST 3.3BON1219Z	EUR	2,4850	2,5200	2,4850			2,5200					
Certificate	NL0012796205	POST 3.3BON0619Z	EUR	2,3350	2,3750	2,3350			2,3750					
Certificate	NL0012796213	POST 3.3BON1219Z	EUR	2,3850	2,4250	2,3850			2,4250					
Certificate	DE000VA6T258	POST 3.3TS 1218V	EUR	0,9010	0,9010	0,9010			0,9010					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012795710	POST 3.480C0919Z	EUR	2,4550	2,4800	2,4550			2,4800					
Certificate	DE000VA6D702	POST 3.47S 1218V	EUR	1,0010	1,0010	1,0010			1,0010					
Certificate	DE000VA3Z2B8	POST 3.57S 1218V	EUR	1,1010	1,1010	1,1010			1,1010					
Certificate	NL0012796221	POST 3.680N1219Z	EUR	2,3050	2,3350	2,3050			2,3350					
Certificate	DE000VA3Z2R8	POST 3.67S 1218V	EUR	1,2010	1,2010	1,2010			1,2010					
Certificate	DE000VA4YR65	POST 3.77S 1218V	EUR	1,3010	1,3010	1,3010			1,3010					
Certificate	NL0010376455	POST 1.18TL OPENB	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	DE000C3PFU5	POST 1.57TL OPENZ	EUR	0,8750	0,9150	0,8750			0,9150					
Certificate	NL0010887642	POST 1.71TL OPENB	EUR	0,9150	0,9550	0,9150			0,9550					
Certificate	NL0010443503	POST 1.72TL OPENB	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	NL0010887659	POST 2.07TL OPENB	EUR	0,6000	0,6500	0,6000	9928,0000	5	0,6350	16100				
Certificate	DE000C3PFV3	POST 2.07TL OPENZ	EUR	0,3850	0,4300	0,3850	5510,0000	2	0,4150	13000				
Certificate	LU1840981564	POST 2.14TCIOPENS	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0010658993	POST 2.21TL OPENB	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	NL0010875464	POST 2.33TL OPENB	EUR	0,3600	0,4000	0,3600			0,4000					
Certificate	LU1841030445	POST 2.38TCIOPENS	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	NL0013015068	POST 2.59BS OPENB	EUR	0,1750	0,1750	0,1750			0,1750					
Certificate	DE000VA71TE4	POST 2.67TS OPENV	EUR	0,2380	0,2380	0,2380			0,2380					
Certificate	LU1719347020	POST 2.68TCIOPENS	EUR											
Certificate	DE000C3PFW1	POST 2.69TS OPENZ	EUR	0,2750	0,2750	0,2450			0,2450					
Certificate	NL0013011026	POST 2.72TS OPENB	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	DE000VA7TGB2	POST 2.77TS OPENV	EUR	0,3380	0,3380	0,3380			0,3380					
Certificate	DE000VA7TGC0	POST 2.87TS OPENV	EUR	0,4380	0,4380	0,4380			0,4380					
Certificate	NL0013005630	POST 2.96TS OPENB	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	DE000VA7TGD8	POST 2.97TS OPENV	EUR	0,5380	0,5380	0,5380			0,5380					
Certificate	DE000VA7TGE6	POST 3.07TS OPENV	EUR	0,6380	0,6380	0,6380			0,6380					
Certificate	DE000VA7TGF3	POST 3.17TS OPENV	EUR	0,7380	0,7380	0,7380			0,7380					
Certificate	NL0013002991	POST 3.21TS OPENB	EUR	1,0950	1,0950	1,0950			1,0950					
Certificate	DE000CV89NF2	POST 3.38TS OPENZ	EUR	0,9650	0,9650	0,9350			0,9350					
Certificate	NL0012691026	POST 3.46TS OPENB	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	NL0012796056	POST 3.52BON0919Z	EUR	2,2950	2,3350	2,2950			2,3350					
Certificate	NL0012683429	POST 3.71TS OPENB	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	LU1790493339	POST 3.85TCIOPENS	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0011089560	POST 4.69TS OPENB	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	DE000CV8AWU5	POST 1.766TL OPENZ	EUR	0,6850	0,7200	0,6850	934,0000	3	0,7150	1300				
Certificate	NL0013014343	POST 1.909BL OPENB	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000CV8AUG8	POST 1.967TL OPENZ	EUR	0,4850	0,5150	0,4850			0,5150					
Certificate	NL0013008758	POST 2.107BL OPENB	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000CN6FKU3	POST 2.171TL OPENZ	EUR	0,2850	0,3150	0,2500	1285,0000	10	0,3150	5000				
Certificate	DE000VA71TF1	POST 2.223TL OPENV	EUR	0,2860	0,2860	0,2860			0,2860					
Certificate	DE000CF3AQM5	POST 2.297TL OPENC	EUR	0,4800	0,4900	0,4700	1200,0000	1	0,4900	2500				
Certificate	NL0013004716	POST 2.308BL OPENB	EUR	0,2200	0,2300	0,2200	4894,0000	13	0,2250	21950				
Certificate	DE000VA7TGG1	POST 2.323TL OPENV	EUR	0,1860	0,1860	0,1860			0,1860					
Certificate	DE000CN6FQS4	POST 2.328TL OPENZ	EUR	0,1250	0,1800	0,1250	3898,0000	4	0,1550	24100				
Certificate	DE000VA7TGH9	POST 2.423TL OPENV	EUR	0,0860	0,0860	0,0860			0,0860					
Certificate	DE000CV8AWV3	POST 2.427TL OPENZ	EUR											
Certificate	NL0013002629	POST 2.507BL OPENB	EUR											
Certificate	DE000VA8FT13	POST 2.569TS OPENV	EUR	0,1390	0,1390	0,1390			0,1390					
Certificate	DE000VL76NX3	POST 2.701TL OPENV	EUR											
Certificate	DE000C3N5B0	POST 2.887TS OPENZ	EUR	0,4750	0,4750	0,4450			0,4450					
Certificate	NL0013007032	POST 2.888BS OPENB	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	DE000C3NZS2	POST 3.135TS OPENZ	EUR	0,7150	0,7150	0,6850			0,6850					
Certificate	NL0013003692	POST 3.188BS OPENB	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000VAGT2N2	POST 3.273TS OPENV	EUR	0,8370	0,8370	0,8370			0,8370					
Certificate	DE000VA3TE50	POST 3.465TS OPENV	EUR	0,9370	0,9370	0,9370			0,9370					
Certificate	NL0012998249	POST 3.487BS OPENB	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	DE000CV8AU0K	POST 3.577TS OPENZ	EUR	1,1550	1,1550	1,1250			1,1250					
Certificate	DE000VL76LU3	POST 3.762TS OPENV	EUR	1,0360	1,0360	1,0360			1,0360					
Certificate	DE000VAGEDH0	POST 3.776TS OPENV	EUR	1,3370	1,3370	1,3370			1,3370					
Certificate	NL0012998256	POST 3.786BS OPENB	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	DE000VL76LV1	POST 3.862TS OPENV	EUR	1,1340	1,1340	1,1340			1,1340					
Certificate	DE000VL76DP0	POST 3.967TS OPENV	EUR	1,2320	1,2320	1,2320			1,2320					
Certificate	DE000VN66NU6	POST 4.606TS OPENV	EUR	1,7220	1,7220	1,7220			1,7220					
Certificate	NL0012976492	PROX 15.8TL OPENB	EUR	8,5350	8,5350	8,5350			8,5350					
Certificate	NL0012971253	PROX 17.2TL OPENB	EUR	7,2150	7,2150	7,2150			7,2150					
Certificate	NL0012790505	PROX 18.8TL OPENB	EUR	5,7600	5,7850	5,7600	17280,0000	2	5,7850	3000				
Certificate	NL0013007883	PROX 20.4TL OPENB	EUR	4,3150	4,3150	4,3150			4,3150					
Certificate	NL0013015407	PROX 21.9TL OPENB	EUR	2,8350	2,8350	2,8350			2,8350					
Certificate	NL0013000763	PROX 24.1TS OPENB	EUR	2,9350	2,9350	2,9350			2,9350					
Certificate	NL0013012289	PROX 25.6TS OPENB	EUR	4,4850	4,4850	4,4850			4,4850					
Certificate	NL0012695548	PROX 27.2TS OPENB	EUR	6,2350	6,2350	6,2350			6,2350					
Certificate	DE000C3N569	PROX 12.57TL OPENZ	EUR	10,7400	10,7400	10,7400			10,7400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV89G58	PROX 16.58TL OPENZ	EUR	6,7300	6,7300	6,7300			6,7300					
Certificate	DE000CD63765	PROX 18.59TL OPENZ	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000CJ3N229	PROX 20.58TL OPENZ	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000CJ3N4M0	PRU 10.71TL OPENZ	EUR	0,9400	0,9800	0,9400			0,9400					
Certificate	DE000CV87TG1	PRU 12.72TL OPENZ	EUR	0,4900	0,5300	0,4900			0,4900					
Certificate	DE000CV4YXX6	PRU 14.75TL OPENZ	EUR	0,0305	0,0785	0,0305			0,0305					
Certificate	DE000CD61QU1	PSI20 3464TL OPENZ	EUR	14,4900	15,1300	14,4900			15,1300					
Certificate	DE000CN6HNE7	PSI20 3771TL OPENZ	EUR	11,4100	12,0500	11,4100			12,0500					
Certificate	DE000CR6XM14	PSI20 4084TL OPENZ	EUR	8,2900	8,9300	8,2900			8,9300					
Certificate	DE000CE6BFN8	PSI20 4384TL OPENZ	EUR	5,2800	5,9200	5,2800			5,9200					
Certificate	DE000CE6C6Q7	PSI20 4683TL OPENZ	EUR	2,2950	2,9350	2,2950			2,9350					
Certificate	DE000CE6CSX8	PSI20 5710TS OPENZ	EUR	8,1000	8,1000	7,4600			7,4600					
Certificate	DE000CE6EYF9	PSI20 6107TS OPENZ	EUR	12,0700	12,0700	11,4300			11,4300					
Certificate	DE000CV4ZC42	PSI20 6503TS OPENZ	EUR	16,0300	16,0300	15,4000			15,4000					
Certificate	NL0012788848	PSMG 28.8TS OPENB	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	DE000CV89QY6	PSMG 15.06TL OPENZ	EUR	0,5300	0,5300	0,4950			0,4950					
Certificate	NL0013015399	PSMG 17.02TL OPENB	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	DE000CV89C11	PSMG 17.09TL OPENZ	EUR	0,3300	0,3300	0,2950			0,2950					
Certificate	NL0012976914	PSMG 18.52TL OPENB	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	DE000CE6FJG5	PSMG 19.12TL OPENZ	EUR	0,1300	0,1300	0,0920			0,0920					
Certificate	NL0012976484	PSMG 20.04TL OPENB	EUR											
Certificate	NL0013010226	PSMG 22.91TS OPENB	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	NL0012794663	PSMG 25.86TS OPENB	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	NL0012685705	PSMG 31.72TS OPENB	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	DE000CJ3N815	PST 4.44TL OPENZ	EUR	1,7050	1,8500	1,7050			1,8500					
Certificate	DE000CV8AUT1	PST 5.24TL OPENZ	EUR	0,9550	1,0900	0,9550			1,0900					
Certificate	DE000CJ3N3R1	PST 6.04TL OPENZ	EUR											
Certificate	DE000CV87W35	PUBLI39.72TL OPENZ	EUR	1,3850	1,3850	1,1500			1,1500					
Certificate	DE000CV4YXP2	PUBLI44.77TL OPENZ	EUR	0,8750	0,8750	0,6500			0,6500					
Certificate	NL0009863422	QUALC 34.8TL OPENB	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0012020440	QUALC 85.4TS OPENB	EUR	2,6800	2,6800	2,6650	1072,0000	1	2,6650	400				
Certificate	DE000CE6BQ72	RANDS LEVOPENZ	EUR	7,5650	9,1700	7,5650			9,1700					
Certificate	NL0012796049	RANDS SHROPEZ	EUR	93,0100	93,0100	75,1500			75,1500					
Certificate	NL0011906706	RANDS 32TL OPENB	EUR	11,9400	13,5750	11,9400	2388,0000	1	13,5750	200				
Certificate	DE000CP06WZ7	RANDS 32TL OPENC	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000CP07A36	RANDS 32TL OPENC	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000VA8FU93	RANDS 38TL 0319V	EUR	0,4975	0,4975	0,4975			0,4975					
Certificate	DE000VA71NB3	RANDS 39TL 0319V	EUR	0,3995	0,3995	0,3995			0,3995					
Certificate	DE000VA71ND9	RANDS 40TL 0319V	EUR	0,3115	0,3115	0,3115			0,3115					
Certificate	DE000VA71T89	RANDS 40TL 1218V	EUR	0,3025	0,3025	0,3025			0,3025					
Certificate	DE000CP07A44	RANDS 40TL OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CP06X06	RANDS 40TL OPENC	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000VA7PWU7	RANDS 41TL 0319V	EUR											
Certificate	DE000VA71M94	RANDS 41TL 1218V	EUR											
Certificate	DE000VA7PTB3	RANDS 42TL 0319V	EUR											
Certificate	DE000VA64XP7	RANDS 42TL 1218V	EUR											
Certificate	DE000VA71YG9	RANDS 43TL 0319V	EUR											
Certificate	DE000VA71YE4	RANDS 43TL 1218V	EUR											
Certificate	DE000VA8FU44	RANDS 44TS 0319V	EUR	0,2145	0,2145	0,2145			0,2145					
Certificate	DE000VA8FVB8	RANDS 44TS 1218V	EUR	0,2075	0,2075	0,2075			0,2075					
Certificate	DE000CP07A51	RANDS 44TS OPENC	EUR											
Certificate	DE000VA71M11	RANDS 45TS 0319V	EUR	0,3045	0,3045	0,3045			0,3045					
Certificate	DE000VA71NH0	RANDS 45TS 1218V	EUR	0,2975	0,2975	0,2975			0,2975					
Certificate	DE000CP06X14	RANDS 45TS OPENC	EUR	0,3000	0,3000	0,2900	120,0000	1	0,3000	400				
Certificate	DE000VA71M52	RANDS 46TS 0319V	EUR	0,3935	0,3935	0,3935			0,3935					
Certificate	DE000VA71NM0	RANDS 46TS 1218V	EUR	0,3885	0,3885	0,3885			0,3885					
Certificate	DE000VA7PVK0	RANDS 47TS 0319V	EUR	0,4935	0,4935	0,4935			0,4935					
Certificate	DE000VA64XQ5	RANDS 47TS 1218V	EUR	0,4885	0,4885	0,4885			0,4885					
Certificate	LU1840912593	RANDS 48TPIOPENS	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	DE000VA7PS70	RANDS 48TS 0319V	EUR	0,5935	0,5935	0,5935			0,5935					
Certificate	DE000VA6T274	RANDS 48TS 1218V	EUR	0,5895	0,5895	0,5895			0,5895					
Certificate	DE000CP07A69	RANDS 48TS OPENC	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CP06X22	RANDS 48TS OPENC	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000VA7PS88	RANDS 49TS 0319V	EUR	0,6945	0,6945	0,6945			0,6945					
Certificate	NL0012796239	RANDS 50BON0619Z	EUR	41,4100	43,4500	41,4100			43,4500					
Certificate	NL0012796247	RANDS 50BON0919Z	EUR	40,9300	42,9100	40,9300			42,9100					
Certificate	NL0012796254	RANDS 50BON1219Z	EUR	40,5500	42,5000	40,5500			42,5000					
Certificate	DE000VA7PS96	RANDS 50TS 0319V	EUR	0,7945	0,7945	0,7945			0,7945					
Certificate	DE000VA6TYE1	RANDS 50TS 1218V	EUR	0,7270	0,7270	0,7270			0,7270					
Certificate	NL0013003262	RANDS 51BOC0919B	EUR	43,0700	43,0700	43,0700			43,0700					
Certificate	NL0012796312	RANDS 51BOC1219Z	EUR	41,7500	43,3500	41,7500			43,3500					
Certificate	DE000VA7PTA5	RANDS 51TS 0319V	EUR	0,8945	0,8945	0,8945			0,8945					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VAGEE39	RANDS 51TS 1218V	EUR	0,8270	0,8270	0,8270			0,8270					
Certificate	DE000CQ5A723	RANDS 52TL OPENC	EUR											
Certificate	DE000CY52J55	RANDS 52TL OPENC	EUR											
Certificate	DE000VAGEER7	RANDS 52TS 1218V	EUR	0,9270	0,9270	0,9270			0,9270					
Certificate	DE000VA6D5L7	RANDS 54TS 1218V	EUR	1,1270	1,1270	1,1270								
Certificate	DE000VA4RNE3	RANDS 57TS 1218V	EUR	1,4280	1,4280	1,4280								
Certificate	NL0012676274	RANDS 60BOC1218B	EUR	43,1600	43,1600	43,1600				43,1600				
Certificate	DE000VASEL27	RANDS 60TS 1218V	EUR	1,7280	1,7280	1,7280								
Certificate	DE000VL5R897	RANDS 62TS OPENV	EUR	1,5845	1,5845	1,5845				1,5845				
Certificate	DE000VL5R9A4	RANDS 64TS OPENV	EUR	1,7805	1,7805	1,7805				1,7805				
Certificate	DE000CJ3N5C8	RANDS 49.TS OPENZ	EUR	1,6650	1,6650	1,3350				1,3350				
Certificate	NL0010011979	RANDS 10.9TL OPENB	EUR											
Certificate	NL0012366306	RANDS 12.2TL OPENH	EUR	29,9100	31,4200	29,9100				31,4200				
Certificate	NL0010283974	RANDS 19.7TL OPENB	EUR	24,8050	24,8050	24,8050				24,8050				
Certificate	NL0010379558	RANDS 22.6TL OPENB	EUR	22,1250	22,1250	22,1250				22,1250				
Certificate	NL0010887717	RANDS 23.3TL OPENB	EUR	19,8550	19,8550	19,8550				19,8550				
Certificate	NL0010893673	RANDS 26.2TL OPENB	EUR	17,1850	18,8250	17,1850				18,8250				
Certificate	NL0010901682	RANDS 27.3TL OPENB	EUR	17,8750	17,8750	17,8750				17,8750				
Certificate	NL0010901518	RANDS 28.2BL OPENB	EUR	14,9250	14,9250	14,9250				14,9250				
Certificate	NL0011905336	RANDS 28.9TL OPENB	EUR	16,3950	16,3950	16,3950				16,3950				
Certificate	NL0011926985	RANDS 31.5TL OPENH	EUR	12,3400	13,8500	12,3400				13,8500				
Certificate	NL0011912175	RANDS 33.6TL OPENB	EUR	12,0850	12,0850	12,0850				12,0850				
Certificate	NL0011916085	RANDS 35.2TL OPENB	EUR	10,3600	10,6950	10,3350	1036,0000	1	10,6950	100				
Certificate	NL0012021182	RANDS 36.7TL OPENB	EUR	9,2850	9,2850	9,2850				9,2850				
Certificate	NL0012022834	RANDS 38.3TL OPENB	EUR	7,8850	7,8850	7,8850				7,8850				
Certificate	NL0012025654	RANDS 39.9TL OPENB	EUR	6,4050	6,4050	6,4050				6,4050				
Certificate	NL0012029201	RANDS 41.4TL OPENB	EUR											
Certificate	NL0011994181	RANDS 41.8TL OPENH	EUR											
Certificate	NL0013012842	RANDS 42.9TL OPENB	EUR											
Certificate	NL0013015712	RANDS 43.3TS OPENB	EUR	5,5050	5,5050	5,5050				5,5050				
Certificate	NL0013010234	RANDS 45.3TS OPENB	EUR	7,7950	7,7950	7,7950				7,7950				
Certificate	NL0013002652	RANDS 47.2BS OPENB	EUR	5,1050	5,1050	5,1050				5,1050				
Certificate	DE000VA64X25	RANDS 47.2TS OPENV	EUR	0,4855	0,4855	0,4855				0,4855				
Certificate	NL0013003007	RANDS 47.3TS OPENB	EUR	9,9750	9,9750	9,9750				9,9750				
Certificate	DE000VAGT2R3	RANDS 48.2TS OPENV	EUR	0,5845	0,5845	0,5845				0,5845				
Certificate	NL0013001993	RANDS 49.3TS OPENB	EUR	12,1750	12,1750	12,1750				12,1750				
Certificate	NL0013000144	RANDS 50.7TS OPENB	EUR	13,7950	13,7950	13,7950				13,7950				
Certificate	NL0012648448	RANDS 55.2BOC1218Z	EUR	47,5600	51,0150	47,5600				51,0150				
Certificate	NL0011241484	RANDS 56.2TS OPENH	EUR	21,4100	21,4100	19,9000				19,9000				
Certificate	NL0012494629	RANDS 56.5BOC1218B	EUR											
Certificate	NL0012696876	RANDS 56.8TS OPENB	EUR	20,4750	20,4750	20,4750				20,4750				
Certificate	NL0012602791	RANDS 62.7TS OPENH	EUR	28,6200	28,6200	27,1100				27,1100				
Certificate	NL0012366264	RANDS 69.8TS OPENH	EUR	36,5000	36,5000	34,9900				34,9900				
Certificate	NL0011721857	RANDS16.93TL OPENH	EUR	25,6000	27,1200	25,6000				27,1200				
Certificate	NL0012366298	RANDS21.37TL OPENH	EUR	21,5600	23,0700	21,5600				23,0700				
Certificate	NL0011904297	RANDS25.46BL OPENB	EUR	17,6950	17,6950	17,6950				17,6950				
Certificate	NL0011230503	RANDS25.56TL OPENH	EUR	17,7500	19,2600	17,7500				19,2600				
Certificate	NL0010901500	RANDS26.53BL OPENB	EUR	16,5950	16,5950	16,5950				16,5950				
Certificate	DE000CJ3NUG8	RANDS27.94TL OPENZ	EUR	2,6050	2,9350	2,6050				2,9350				
Certificate	NL0011927009	RANDS29.43TL OPENH	EUR	14,2300	15,7400	14,2300				15,7400				
Certificate	NL0011927991	RANDS32.54TL OPENH	EUR	11,4000	12,9100	11,4000				12,9100				
Certificate	DE000CD624N4	RANDS32.79TL OPENZ	EUR	9,3400	11,0000	9,3400				11,0000				
Certificate	DE000CJ3N526	RANDS32.88TL 1218Z	EUR	1,6350	1,9650	1,6350				1,9650				
Certificate	DE000CD625J9	RANDS33.94TL OPENZ	EUR	7,0500	8,7000	7,0500	397,6500	1	8,7000	55				
Certificate	NL0011934161	RANDS34.61TL OPENH	EUR	9,5100	11,0200	9,5100				11,0200				
Certificate	LU1840981648	RANDS34.71TCIOPENS	EUR	8,4100	8,4100	8,4100				8,4100				
Certificate	DE000CD62KD8	RANDS35.87TL OPENZ	EUR	6,3800	8,0300	6,3800				8,0300				
Certificate	DE000CJ3N534	RANDS35.88TL 1218Z	EUR	1,0350	1,3650	1,0350				1,3650				
Certificate	DE000CD62874	RANDS36.42TL OPENZ	EUR	4,6100	6,2500	4,6100				6,2500				
Certificate	NL0011979406	RANDS36.66TL OPENH	EUR	7,6500	9,1600	7,6500				9,1600				
Certificate	DE000VA8FT47	RANDS36.66TL OPENV	EUR	0,6155	0,6155	0,6155				0,6155				
Certificate	NL0011917349	RANDS36.67BL OPENB	EUR	6,4850	6,4850	6,4850				6,4850				
Certificate	DE000VA7TGN7	RANDS37.67TL OPENV	EUR	0,5125	0,5125	0,5125				0,5125				
Certificate	NL0011979851	RANDS37.69TL OPENH	EUR	6,7100	8,2200	6,7100				8,2200				
Certificate	NL0012021380	RANDS37.72BL OPENB	EUR	5,1500	5,4350	5,1500	51,5000	1	5,4350	10				
Certificate	DE000VA7TGP2	RANDS38.67TL OPENV	EUR	0,4125	0,4125	0,4125				0,4125				
Certificate	NL0011988985	RANDS38.71TL OPENH	EUR	5,7900	7,2900	5,7900	28950,0000	1	7,2900	5000				
Certificate	NL0012021893	RANDS38.78BL OPENB	EUR	4,3650	4,3650	4,3650				4,3650				
Certificate	DE000CJ3NSX7	RANDS38.88TL 1218Z	EUR	0,4550	0,7750	0,4550				0,7750				
Certificate	DE000CX59GM1	RANDS38.94TL OPENC	EUR	0,3900	0,3900	0,3900				0,3900				
Certificate	DE000CD639K8	RANDS39.39TL OPENZ	EUR	1,5300	3,3400	1,5300	911,0200	9	3,3200	493				
Certificate	DE000VA64X33	RANDS39.68TL OPENV	EUR	0,3085	0,3085	0,3085				0,3085				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011989793	RANDS39.73TL OPENH	EUR	4,8600	6,3700	4,8600			6,3700					
Certificate	LU1817373365	RANDS40.11TCIOPENS	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	NL0011990429	RANDS40.75TL OPENH	EUR	3,9300	5,4400	3,9300			5,4400					
Certificate	NL0012025365	RANDS40.88BL OPENB	EUR											
Certificate	DE000CD63DX9	RANDS41.56TL OPENZ	EUR											
Certificate	NL0012025779	RANDS41.93BL OPENB	EUR											
Certificate	DE000CX59KV4	RANDS41.94TL OPENC	EUR											
Certificate	LU1840960485	RANDS41.95TCIOPENS	EUR											
Certificate	DE000CX59Q84	RANDS42.02TL OPENC	EUR											
Certificate	DE000CI3PEL7	RANDS42.37TL OPENZ	EUR											
Certificate	DE000VA71W84	RANDS42.65TL OPENV	EUR											
Certificate	DE000VN66XS9	RANDS43.11TL OPENV	EUR											
Certificate	DE000VA71XA4	RANDS43.65TL OPENV	EUR											
Certificate	DE000VA8FT21	RANDS44.14TS OPENV	EUR	0,1965	0,1965	0,1965			0,1965					
Certificate	NL0013082639	RANDS44.77TS OPENH	EUR											
Certificate	LU1840979824	RANDS45.12TCIOPENS	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000VA77GJ5	RANDS45.16TS OPENV	EUR	0,2865	0,2865	0,2865			0,2865					
Certificate	NL0013009046	RANDS45.21BS OPENB	EUR	4,5800	4,5800	3,1150	5197,6000	6	3,1150	1380				
Certificate	NL0013085186	RANDS45.77TS OPENH	EUR	9,8900	9,8900	8,3800			8,3800					
Certificate	DE000VA77GL1	RANDS46.16TS OPENV	EUR	0,3865	0,3865	0,3865			0,3865					
Certificate	NL0013009053	RANDS46.21BS OPENB	EUR	4,1150	4,1150	4,1150			4,1150					
Certificate	NL0012905202	RANDS47.68TS OPENH	EUR	11,9600	11,9600	10,4500			10,4500					
Certificate	NL0013002223	RANDS48.18BS OPENB	EUR	6,0950	6,0950	6,0950			6,0950					
Certificate	DE000VA321A6	RANDS49.12TL OPENV	EUR											
Certificate	NL0013001753	RANDS49.18BS OPENB	EUR	7,0850	7,0850	7,0850			7,0850					
Certificate	NL0013000516	RANDS49.48BS OPENB	EUR	7,3850	7,3850	7,3850			7,3850					
Certificate	NL0012902407	RANDS49.79TS OPENH	EUR	14,2900	14,2900	12,7800			12,7800					
Certificate	DE000VA67XY1	RANDS49.91TS OPENV	EUR	0,6845	0,6845	0,6845			0,6845					
Certificate	LU1817382788	RANDS50.16TCIOPENS	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	NL0012999916	RANDS50.48BS OPENB	EUR	8,3850	8,3850	8,3850			8,3850					
Certificate	DE000VA6EEY3	RANDS50.91TS OPENV	EUR	0,7835	0,7835	0,7835			0,7835					
Certificate	NL0012901177	RANDS51.77TS OPENH	EUR	16,5000	16,5000	14,9900			14,9900					
Certificate	DE000VA6EEZ0	RANDS51.91TS OPENV	EUR	0,8835	0,8835	0,8835			0,8835					
Certificate	NL0012996177	RANDS52.46BS OPENB	EUR	10,3650	10,3650	10,3650			10,3650					
Certificate	LU1817291633	RANDS52.54TCIOPENS	EUR	10,3900	10,3900	10,3900			10,3900					
Certificate	DE000VA6D758	RANDS52.95TS OPENV	EUR	0,9825	0,9825	0,9825			0,9825					
Certificate	NL0012898050	RANDS53.74TS OPENH	EUR	18,6800	18,6800	17,1700			17,1700					
Certificate	NL0012976658	RANDS54.25BOC0619B	EUR	45,0800	45,0800	45,0800			45,0800					
Certificate	LU1790569179	RANDS54.46TCIOPENS	EUR	12,3200	12,3200	12,3200			12,3200					
Certificate	DE000CJ3NMJ9	RANDS54.48TS OPENZ	EUR	2,7650	2,7650	2,4350			2,4350					
Certificate	DE000VA6D4U1	RANDS54.95TS OPENV	EUR	1,1815	1,1815	1,1815			1,1815					
Certificate	NL0012697015	RANDS55.42BS OPENB	EUR	13,3250	13,3250	13,3250			13,3250					
Certificate	NL0012793053	RANDS56.65BOC1218B	EUR	43,1600	43,1600	43,1600			43,1600					
Certificate	DE000CR9R8F8	RANDS56.77TS OPENZ	EUR	18,3900	18,3900	16,7300			16,7300					
Certificate	NL0012648455	RANDS57.17BOC0619Z	EUR	46,4700	48,9350	46,4700			48,9350					
Certificate	NL0012699144	RANDS57.39BS OPENB	EUR	15,2950	15,2950	15,2950			15,2950					
Certificate	DE000CE6BKYS	RANDS59.47TS OPENZ	EUR	3,7550	3,7550	3,4250			3,4250					
Certificate	NL0011230073	RANDS59.77TS OPENH	EUR	25,3700	25,3700	23,8600			23,8600					
Certificate	DE000VN66N12	RANDS60.89TS OPENV	EUR	1,3805	1,3805	1,3805			1,3805					
Certificate	DE000VN66N53	RANDS60.89TS OPENV	EUR	1,6795	1,6795	1,6795			1,6795					
Certificate	NL0012648810	RANDS61.11BON0619Z	EUR	39,3600	41,1600	39,3600			41,1600					
Certificate	DE000CY16C73	RANDS62.59TS OPENC	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	NL0012601033	RANDS62.68TS OPENH	EUR	28,5900	28,5900	27,0900			27,0900					
Certificate	NL0011721832	RANDS63.17TS OPENH	EUR	29,1400	29,1400	27,6400			27,6400					
Certificate	NL0012649149	RANDS64.07BOC1218Z	EUR	41,1400	42,9400	41,1400			42,9400					
Certificate	NL0012366272	RANDS66.89TS OPENH	EUR	33,2700	33,2700	31,7600			31,7600					
Certificate	NL0012649156	RANDS67.02BOC0619Z	EUR	39,3600	41,1500	39,3600			41,1500					
Certificate	NL0012581136	RANDS67.17TS OPENH	EUR	33,5800	33,5800	32,0700			32,0700					
Certificate	DE000VL76J59	RANDS67.76TS OPENV	EUR	2,1675	2,1675	2,1675			2,1675					
Certificate	NL0012366256	RANDS72.71TS OPENH	EUR	39,7200	39,7200	38,2200			38,2200					
Certificate	NL0012313266	RANDS73.54TS OPENH	EUR	40,6400	40,6400	39,1300			39,1300					
Certificate	NL0012365449	RANDS73.66TS OPENH	EUR	40,7700	40,7700	39,2700			39,2700					
Certificate	NL0012536775	RANDS79.38TS OPENH	EUR	47,1300	47,1300	45,6200			45,6200					
Certificate	NL0012586762	RANDS86.23TS OPENH	EUR	54,7200	54,7200	53,2100			53,2100					
Certificate	NL0012583308	RANDS86.67TS OPENH	EUR	55,2100	55,2100	53,7000			53,7000					
Certificate	NL0012579346	RANDS86.85TS OPENH	EUR	55,4100	55,4100	53,9000			53,9000					
Certificate	DE000CV87RZ5	RB 41.59TL OPENZ	EUR	2,8450	2,8950	2,8450			2,8950					
Certificate	DE000CV87JR9	RB 46.67TL OPENZ	EUR	2,2750	2,3250	2,2750			2,3250					
Certificate	DE000CV4YXY4	RB 51.73TL OPENZ	EUR	1,7050	1,7550	1,7050			1,7550					
Certificate	DE000CV8AEM0	RB 61.72TL OPENZ	EUR	0,5850	0,6450	0,5850			0,6450					
Certificate	XS0215447441	RB FX/IL 6%20	EUR											
Certificate	XS0422117530	RB ROB M 0%28MAY19	EUR	96,7100	96,7100	96,7100	29013,0000	3	96,7100	30000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	XS0262561789	RB SPREAD 4.552%21	EUR											
Certificate	XS0295385065	RB SPREAD T 0%22	EUR											
Certificate	NL0000459816	RBSBI PI OPENN	EUR	23,0800		23,2400	23,0800			23,2400				
Certificate	NL0009067883	RDX 323TL OPENB	EUR	10,6300	10,6300	10,6300				10,6300				
Certificate	DE000CY51CF9	RELX 14TL OPENC	EUR											
Certificate	DE000CP06X30	RELX 15TL OPENC	EUR											
Certificate	DE000CP06X48	RELX 16TL OPENC	EUR											
Certificate	DE000CP06X55	RELX 18TS OPENC	EUR											
Certificate	NL0013079387	RELX 18TS OPENH	EUR	2,1600	2,1600	2,1600				2,1600				
Certificate	NL0012649164	RELX 198OC1218Z	EUR	18,7900	18,7900	18,7900				18,7900				
Certificate	DE000CP06X63	RELX 20TS OPENC	EUR											
Certificate	DE000CY51AR8	RELX 22TS OPENC	EUR											
Certificate	NL0009988807	RELX 3.2TL OPENB	EUR	22,3700	22,3700	22,3700				22,3700				
Certificate	NL0010516969	RELX 7.6TL OPENB	EUR	16,0600	16,0600	16,0600				16,0600				
Certificate	DE000CR4HQ7	RELX 10.7TL OPENZ	EUR	6,8200	6,8200	6,8200				6,8200				
Certificate	NL0010904165	RELX 10.9TL OPENB	EUR	11,4000	11,4000	11,4000				11,4000				
Certificate	NL0011052949	RELX 10.9TL OPENH	EUR	11,0900	11,0900	11,0900				11,0900				
Certificate	DE000CR6X8J5	RELX 12.4TL OPENZ	EUR	5,1350	5,1350	5,1350				5,1350				
Certificate	NL0011742101	RELX 12.6TL OPENH	EUR	5,6100	5,6100	5,6100				5,6100				
Certificate	NL0012033872	RELX 14.2TL OPENB	EUR	4,3500	4,3500	4,3500				4,3500				
Certificate	NL0012109482	RELX 15.2TL OPENB	EUR	3,1000	3,3500	3,1000	697,5000	1	3,3500	225				
Certificate	NL0012779870	RELX 16.3TL OPENB	EUR	2,3500	2,3500	2,3500				2,3500				
Certificate	NL0012900807	RELX 18.5TS OPENH	EUR	2,6900	2,6900	2,6900				2,6900				
Certificate	NL0012649172	RELX 19.58OC619Z	EUR	18,7300	18,7300	18,7300				18,7300				
Certificate	NL0012112403	RELX 20.3TS OPENB	EUR	4,4800	4,4800	4,4800				4,4800				
Certificate	NL0012788855	RELX 21.7TS OPENB	EUR	6,0200	6,0200	6,0200				6,0200				
Certificate	NL0011052873	RELX 21.9TS OPENH	EUR	9,8200	9,8200	9,8200				9,8200				
Certificate	NL0012980585	RELX 23.2TS OPENB	EUR	7,6300	7,6300	7,6300				7,6300				
Certificate	DE000CF3AD69	RELX 8.18TL OPENC	EUR											
Certificate	DE000CR9SCD9	RELX 13.39TL OPENZ	EUR	4,1450	4,1450	4,1450				4,1450				
Certificate	NL0011996368	RELX 13.63TL OPENH	EUR	4,6500	4,6500	4,6500				4,6500				
Certificate	NL0012051171	RELX 14.62TL OPENH	EUR	3,7200	3,7200	3,7200				3,7200				
Certificate	NL0012098925	RELX 14.84BL OPENB	EUR	2,8100	2,8100	2,8100				2,8100				
Certificate	DE000CD646C0	RELX 14.88TL OPENZ	EUR	2,6650	2,6650	2,6650				2,6650				
Certificate	NL0012565550	RELX 14.93TL OPENH	EUR	3,4300	3,4300	3,4300				3,4300				
Certificate	NL0012565543	RELX 15.44TL OPENH	EUR	2,9800	2,9800	2,9800				2,9800				
Certificate	NL0012689988	RELX 15.88BL OPENB	EUR	1,7700	1,7700	1,7700				1,7700				
Certificate	DE000CJ3NSD9	RELX 16.37TL OPENZ	EUR	1,1950	1,1950	1,1950				1,1950				
Certificate	NL0012602825	RELX 16.45TL OPENH	EUR	2,0200	2,0200	2,0200				2,0200				
Certificate	NL0012848089	RELX 19.44TS OPENH	EUR	3,7100	3,8200	3,7100	5730,0000	1	3,8200	1500				
Certificate	NL0012245187	RELX 19.93TS OPENH	EUR	4,2600	4,2600	4,2600				4,2600				
Certificate	NL0012311088	RELX 19.98TS OPENH	EUR	4,2900	4,2900	4,2900				4,2900				
Certificate	NL0012785554	RELX 20.19BS OPENB	EUR	2,8800	2,8800	2,8800				2,8800				
Certificate	NL0012199681	RELX 20.41TS OPENH	EUR	4,7700	4,7700	4,7700				4,7700				
Certificate	NL0012792725	RELX 21.18BS OPENB	EUR	3,8800	3,8800	3,8800				3,8800				
Certificate	NL0012993802	RELX 22.17BS OPENB	EUR	4,8700	4,8700	4,8700				4,8700				
Certificate	NL0012890826	RELX 23.95TS OPENH	EUR	8,5800	8,5800	8,5800				8,5800				
Certificate	DE000CW42QL0	RENAU 60TL OPENC	EUR	0,8500	0,8500	0,8500				0,8500				
Certificate	DE000CW42MG9	RENAU 60TL OPENC	EUR	0,5400	0,5400	0,5400				0,5400				
Certificate	DE000CX00864	RENAU 65TL OPENC	EUR											
Certificate	NL0011927017	RENAU 64.3TL OPENH	EUR											
Certificate	NL0012525208	RENAU100.2TS OPENH	EUR	45,5600	45,5600	43,9100				43,9100				
Certificate	NL0012586770	RENAU100.2TS OPENH	EUR	45,6200	45,6200	43,9700				43,9700				
Certificate	NL0012536791	RENAU100.2TS OPENH	EUR	45,5400	45,5400	43,8900				43,8900				
Certificate	NL0012579395	RENAU100.3TS OPENH	EUR	45,6900	45,6900	44,0400				44,0400				
Certificate	NL0012556245	RENAU100.3TS OPENH	EUR	45,7000	45,7000	44,0400				44,0400				
Certificate	NL0011415088	RENAU103.5TS OPENH	EUR	49,1500	49,1500	47,5000				47,5000				
Certificate	NL0012602833	RENAU111.4TS OPENH	EUR	57,6900	57,6900	56,0400				56,0400				
Certificate	NL0012601058	RENAU111.6TS OPENH	EUR	57,9200	57,9200	56,2700				56,2700				
Certificate	NL0011729330	RENAU116.6TS OPENH	EUR	63,2500	63,2500	61,6000				61,6000				
Certificate	NL0011732359	RENAU116.7TS OPENH	EUR	63,3300	63,3300	61,6800				61,6800				
Certificate	NL0012592851	RENAU139.1TS OPENH	EUR	87,5200	87,5200	85,8600				85,8600				
Certificate	NL0012601884	RENAU139.1TS OPENH	EUR	87,5400	87,5400	85,8900				85,8900				
Certificate	NL0012538151	RENAU139.3TS OPENH	EUR	87,7900	87,7900	86,1400				86,1400				
Certificate	NL0012558316	RENAU139.7TS OPENH	EUR	88,1600	88,1600	86,5100				86,5100				
Certificate	NL0011415229	RENAU41.89TL OPENH	EUR	23,6600	25,3000	23,6600				23,6600				
Certificate	DE000CJ3PHW7	RENAU42.84TL OPENZ	EUR	21,6100	21,6100	21,6100				21,6100				
Certificate	NL0012203061	RENAU47.42TL OPENH	EUR	18,5100	20,1500	18,5100				20,1500				
Certificate	NL0012056436	RENAU51.93TL OPENH	EUR	14,2900	15,9500	14,2900				15,9500				
Certificate	DE000CR9SQG2	RENAU52.85TL OPENZ	EUR	11,6500	11,6500	11,6500				11,6500				
Certificate	DE000CR9RLU6	RENAU57.88TL OPENZ	EUR	6,2200	6,9100	6,2200	559,7200	2	6,6850	82				
Certificate	NL0011415187	RENAU58.67TL OPENH	EUR	8,0300	9,6700	8,0300				9,6700				



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	DE0000N6EZW0	RENAU62.82TL OPENZ	EUR											
Certificate	NL0012919807	RENAU79.85TS OPENH	EUR	23,6100	23,6100	21,9600			21,9600					
Certificate	NL0012918718	RENAU83.82TS OPENH	EUR	27,9000	27,9000	26,2400			26,2400					
Certificate	NL0012864938	RENAU84.61TS OPENH	EUR	28,7700	28,7700	27,1000			27,1000					
Certificate	NL0012605653	RENAU91.71TS OPENH	EUR	36,4100	36,4100	34,7600			34,7600					
Certificate	NL0012601066	RENAU95.83TS OPENH	EUR	40,8700	40,8700	39,2100			39,2100					
Certificate	NL0012864920	RENAU96.51TS OPENH	EUR	41,6100	41,6100	39,9400			39,9400					
Certificate	DE000CD639L6	REPSO10.96TL OPENZ	EUR	4,2700	4,2700	4,1050			4,1050					
Certificate	DE000CE6CC84	REPSO12.95TL OPENZ	EUR	2,2900	2,2900	2,1250			2,1250					
Certificate	DE000CV88V01	REPSO14.95TL OPENZ	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CD611L4	REPSO9.467TL OPENZ	EUR	5,7600	5,7600	5,5900			5,5900					
Certificate	NL0006343873	RICCO PI OPENN	EUR	6,3500	6,5200	6,3500			6,5200					
Certificate	NL0006066193	RICEN PI OPENN	EUR	6,3400	6,4900	6,3400			6,4900					
Certificate	DE000CJ3N4N8	RICHE51.87TL OPENZ	EUR	0,8100	0,8650	0,8100			0,8650					
Certificate	DE000CV8AXY5	RICHE60.87TL OPENZ	EUR	0,4200	0,4850	0,4200			0,4850					
Certificate	NL0006343907	RIEHI PI OPENN	EUR	10,1600	10,3400	10,1600			10,3400					
Certificate	NL0006066219	RIEHM PI OPENN	EUR	11,4100	11,5400	11,4100			11,5400					
Certificate	NL0009057728	RIEHN PI OPENN	EUR	1,7400	1,7600	1,7400			1,7600					
Certificate	NL0006343865	RIEHP PI OPENN	EUR	16,3700	16,8400	16,3700			16,8400					
Certificate	DE000CW42Y69	RIM 6TL OPENC	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000CV512M8	RIM 8TL OPENC	EUR	0,1100	0,1100	0,1100			0,1100					
Certificate	DE000CV512F2	RIM 8TL OPENC	EUR	0,0600	0,0600	0,0600			0,0600					
Certificate	NL0010523932	RIM 4.7TL OPENB	EUR	4,2150	4,2150	4,2150			4,2150					
Certificate	DE000CV51E51	RIM 8.5TL OPENC	EUR											
Certificate	DE000CV51543	RIM 8.5TL OPENC	EUR											
Certificate	NL0010283321	RIM 18.5TS OPENB	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000CF504T3	RIM 4.179TL OPENC	EUR											
Certificate	DE000CF50455	RIM 5.223TL OPENC	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CD61VJ4	RIOTI19.21TL OPENZ	EUR	19,4950	19,4950	19,4950			19,4950					
Certificate	DE000CD63DD1	RIOTI23.92TL OPENZ	EUR	14,1900	14,1900	14,1900			14,1900					
Certificate	DE000CD63V69	RIOTI27.45TL OPENZ	EUR	10,2100	10,2100	10,2100			10,2100					
Certificate	DE000CE6E390	RIOTI31.47TL OPENZ	EUR	5,7150	5,7150	5,7150			5,7150					
Certificate	DE000CJ3NNF5	RIOTI35.46TL OPENZ	EUR											
Certificate	DE000CJ3NX39	RMG 2.71TL OPENZ	EUR	1,0950	1,1350	1,0950			1,1350					
Certificate	DE000CV8ASH0	RMG 3.16TL OPENZ	EUR	0,6250	0,6650	0,6250			0,6650					
Certificate	XS0269906961	RO CLEAN TC 0%22	EUR											
Certificate	XS0239558819	RO PRIV EQ 0%19	EUR											
Certificate	NL0012107577	ROCHE 260TS OPENB	EUR	3,8300	4,2300	3,8300			4,2300					
Certificate	NL0010125696	ROCHE119.1TL OPENB	EUR	11,1300	11,1300	10,7000			10,7000					
Certificate	DE000CV89E27	ROCHE139.4TL OPENZ	EUR	8,3800	8,3800	8,3800			8,3800					
Certificate	DE000CV87RR2	ROCHE159.7TL OPENZ	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	NL0010289013	ROCHE179.4TL OPENB	EUR	6,2000	6,2000	5,7800			5,7800					
Certificate	DE000CD63AH8	ROCHE179.9TL OPENZ	EUR	4,8350	4,8350	4,8350			4,8350					
Certificate	NL0012970636	ROCHE197.6TL OPENB	EUR	4,7200	4,7200	4,2900			4,2900					
Certificate	DE000CR6Y740	ROCHE205.7TL OPENZ	EUR	2,5650	2,5650	2,5650			2,5650					
Certificate	NL0012974091	ROCHE207.4TL OPENB	EUR	3,9100	3,9100	3,4900			3,4900					
Certificate	NL0012980494	ROCHE217.6TL OPENB	EUR	3,0800	3,0800	2,6600			2,6600					
Certificate	DE000CV8ADG4	ROCHE225.6TL OPENZ	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0012984546	ROCHE228.4TL OPENB	EUR	2,1900	2,1900	1,7700			1,7700					
Certificate	NL0012984660	ROCHE286.2TS OPENB	EUR	6,3200	6,7200	6,3200			6,7200					
Certificate	NL0009592245	ROCHE72.01TL OPENB	EUR	14,9800	14,9800	14,5500			14,5500					
Certificate	NL0012212062	ROCKT 16TL OPENH	EUR	1,1100	1,1600	1,1100			1,1600					
Certificate	NL0012201784	ROCKT 12.6TL OPENH	EUR	1,4000	1,4400	1,4000			1,4400					
Certificate	NL0012206981	ROCKT 15.1TL OPENH	EUR	1,1900	1,2300	1,1900			1,2300					
Certificate	NL0012433478	ROCKT 17.1TL OPENH	EUR	1,0200	1,0700	1,0200			1,0700					
Certificate	NL0012433460	ROCKT 17.6TL OPENH	EUR	0,9800	1,0300	0,9800			1,0300					
Certificate	NL0012433924	ROCKT 18.6TL OPENH	EUR	0,9000	0,9400	0,9000			0,9400					
Certificate	NL0012516199	ROCKT 19.1TL OPENH	EUR	0,8600	0,9000	0,8600			0,9000					
Certificate	NL0012541411	ROCKT 19.6TL OPENH	EUR	0,8100	0,8500	0,8100			0,8500					
Certificate	NL0012546527	ROCKT 20.1TL OPENH	EUR	0,7700	0,8100	0,7700			0,8100					
Certificate	NL0012550198	ROCKT 20.6TL OPENH	EUR	0,7300	0,7700	0,7300			0,7700					
Certificate	NL0012565584	ROCKT 21.2TL OPENH	EUR	0,6800	0,7300	0,6800			0,7300					
Certificate	NL0012864961	ROCKT 21.6TL OPENH	EUR	0,6500	0,6900	0,6500			0,6900					
Certificate	NL0012579437	ROCKT 22.6TL OPENH	EUR	0,5600	0,6100	0,5600			0,6100					
Certificate	NL0012909766	ROCKT 23.2TL OPENH	EUR	0,5200	0,5600	0,5200			0,5600					
Certificate	NL0012909758	ROCKT 23.7TL OPENH	EUR	0,4700	0,5200	0,4700			0,5200					
Certificate	NL0012922413	ROCKT 33.8TS OPENH	EUR	1,7900	1,7900	1,7600			1,7600					
Certificate	DE000CJ3NSD6	ROCKT16.72TL OPENZ	EUR	0,7750	0,8150	0,7750			0,8150					
Certificate	DE000CV8AAU8	ROCKT20.24TL OPENZ	EUR	0,4250	0,4650	0,4250			0,4650					
Certificate	DE000CN6JRH7	RR 5.66TL OPENZ	EUR	0,6150	0,7050	0,6150			0,7050					
Certificate	DE000CE6CCF9	RR 7.59TL OPENZ	EUR	0,1800	0,2650	0,1800	7600,0000	2	0,2650	40000				
Certificate	DE000CV89GS9	RR 8.59TL 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	DE000CNGIYA8	RR 6.377TL OPENZ	EUR	0,4550	0,5350	0,4550			0,5350					
Certificate	DE000CV8A7Y3	RTL 41.99TL OPENZ	EUR	1,9150	1,9150	1,5600			1,5600					
Certificate	DE000CNG6QX6	RTL 47.21TL OPENZ	EUR	1,4150	1,4150	1,0600			1,0600					
Certificate	DE000CR9RHH1	RTL 54.58TL OPENZ	EUR	0,7050	0,7050	0,3500			0,3500					
Certificate	NL0000458180	RUSLAND CT OPENN	EUR	136,0000	136,0000	136,0000			136,0000					
Certificate	NL0013011190	RUSSL 12338L OPENB	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	NL0012683536	RUSSL 13338L OPENB	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	NL0012684062	RUSSL 1350TL OPENB	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	NL0012678833	RUSSL 14378L OPENB	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	NL0012679229	RUSSL 1454TL OPENB	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	NL0013013121	RUSSL 15378L OPENB	EUR											
Certificate	NL0012780068	RUSSL 15378L OPENB	EUR											
Certificate	NL0012969638	RUSSL 1551TL OPENB	EUR											
Certificate	NL0013012552	RUSSL 1555TL OPENB	EUR											
Certificate	NL0013006471	RUSSL 1664TS OPENB	EUR	1,8050	1,8050	1,8050			1,8050					
Certificate	NL0013004344	RUSSL 16978S OPENB	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	NL0013006489	RUSSL 1864TS OPENB	EUR	3,5950	3,5950	3,5950			3,5950					
Certificate	NL0012971576	RUSSL 18978S OPENB	EUR	3,7400	3,7450	3,6250	374,0000	1	3,6250	100				
Certificate	NL0012979405	RUSSL 20978S OPENB	EUR	5,3850	5,3850	5,3850			5,3850					
Certificate	NL0012687685	RWE 14TL OPENB	EUR	4,7250	4,7250	4,7250			4,7250					
Certificate	NL0012611818	RWE 15TL OPENH	EUR	0,3800	0,3800	0,3700			0,3700					
Certificate	NL0012611800	RWE 16TL OPENH	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	NL0013010911	RWE 17TL OPENB	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	NL0013082654	RWE 18TS OPENH	EUR											
Certificate	NL0012611750	RWE 25TS OPENH	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	NL0011426051	RWE 7.6TL OPENB	EUR	10,6950	10,6950	10,6850			10,6850					
Certificate	NL0011416623	RWE 7.7TL OPENH	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	NL0011416615	RWE 8.7TL OPENH	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0011798988	RWE 9.9TL OPENB	EUR	8,3300	8,5450	8,3300	499,8000	1	8,5450	60				
Certificate	NL0011721923	RWE 10.7TL OPENH	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0012175541	RWE 12.7TL OPENH	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	NL0012201792	RWE 13.6TL OPENH	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0012611826	RWE 13.9TL OPENH	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	NL0013005846	RWE 15.1TL OPENB	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	NL0013005853	RWE 16.1TL OPENB	EUR	2,7950	2,7950	2,7950			2,7950					
Certificate	NL0013005994	RWE 19.7TS OPENB	EUR	3,6950	3,6950	3,6950			3,6950					
Certificate	NL0013004294	RWE 21.7TS OPENB	EUR	5,8450	5,8450	5,8450			5,8450					
Certificate	NL0012611768	RWE 23.5TS OPENH	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	NL0012506885	RWE 23.8TS OPENB	EUR	8,0850	8,0850	8,0850			8,0850					
Certificate	NL0012611743	RWE 25.5TS OPENH	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	NL0012978761	RWE 25.8TS OPENB	EUR	10,2250	10,2250	10,2250			10,2250					
Certificate	NL0012611735	RWE 27.5TS OPENH	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0012611727	RWE 29.4TS OPENH	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0012611982	RWE 31.4TS OPENH	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	NL0012928758	RWE 33.4TS OPENH	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CD64E36	RWE 11.32TL OPENZ	EUR	6,1400	6,3600	6,1400			6,3600					
Certificate	DE000CE6C3K7	RWE 13.84TL OPENZ	EUR	3,6400	3,8600	3,6400			3,8600					
Certificate	DE000CV87Y74	RWE 15.82TL OPENZ	EUR	1,6900	1,9000	1,6900	10036,9600	2	1,9000	5444				
Certificate	DE000VNGM5F1	RX10L LEVOPENV	EUR	12,2000	12,2000	12,2000			12,2000					
Certificate	DE000VNGM5H7	RX10S SHROPEV	EUR	5,4350	5,4350	5,4350			5,4350					
Certificate	DE000VNGM5G9	RX15L LEVOPENV	EUR	12,1550	12,1550	12,1550			12,1550					
Certificate	DE000VNGM5J3	RX15S SHROPEV	EUR	3,6450	3,6450	3,6450			3,6450					
Certificate	DE000CR9P304	RYANR 10.1TL OPENZ	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000CR9P312	RYANR 9.57TL OPENZ	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CR9NUK0	RYANR10.62TL OPENZ	EUR	0,4100	0,4100	0,4000	480,0000	1	0,4100	1200				
Certificate	DE000CJ3PGA5	RYANR11.32TL OPENZ	EUR	0,2400	0,2500	0,2400			0,2500					
Certificate	DE000CJ3NW48	RYANR12.78TS OPENZ	EUR											
Certificate	DE000CV8BC61	RYANR14.28TS OPENZ	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000CV8A4W4	RYANR15.28TL OPENZ	EUR											
Certificate	DE000CV8A8B9	RYANR16.27TS OPENZ	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CE6EJM6	RYANR18.27TS OPENZ	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CJ3NS85	RYANR8.062TL OPENZ	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CJ3NWB5	S92G 16.2TL OPENZ	EUR	0,5900	0,6700	0,5900			0,6700					
Certificate	DE000CJ3NWA7	S92G 12.19TL OPENZ	EUR	1,3800	1,4600	1,3800			1,4600					
Certificate	DE000CJ3NSE4	S92G 14.69TL OPENZ	EUR	0,8800	0,9600	0,8800			0,9600					
Certificate	DE000CJ3N8M1	S92G 18.19TL OPENZ	EUR											
Certificate	DE000CV8B409	SAFRN102.6TL OPENZ	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CV501F8	SAFRN63.68TL OPENZ	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000CV4YXQ0	SAFRN72.76TL OPENZ	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000CV889U6	SAFRN82.71TL OPENZ	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CV88U02	SAFRN92.64TL OPENZ	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CV50VN5	SALES 70TL OPENC	EUR	5,8300	5,8300	5,8300			5,8300					



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	DE000CY50VP0	SALES 80TL OPENC	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	DE000CY50YG3	SALES 80TL OPENC	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	DE000CY50VQ8	SALES 85TL OPENC	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	DE000CY50YH1	SALES 85TL OPENC	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	DE000CY510E0	SALES 90TL OPENC	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000CY51256	SALES 95TL OPENC	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	DE000CY51X58	SALES 95TL OPENC	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	DE000CY52FK0	SALES 95TL OPENC	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	DE000CY52E68	SALES 100TL OPENC	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	DE000CQ5ASW4	SALES 110TL OPENC	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	DE000CQ5A8N7	SALES 110TL OPENC	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	DE000CQ58VK9	SALES 120TL OPENC	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	DE000CQ58L97	SALES 120TL OPENC	EUR	1,2400	1,7000	1,2300	2352,0000	2		1600				
Certificate	DE000CQ58VL7	SALES 130TL OPENC	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CQ58TP2	SALES 130TL OPENC	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	DE000CP07AX6	SALES 140TL OPENC	EUR											
Certificate	DE000CP06XT8	SALES 140TL OPENC	EUR											
Certificate	DE000CP06UF3	SALES 150TS OPENC	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	DE000CP07AY4	SALES 155TS OPENC	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CP07AZ1	SALES 160TS OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CP06UG1	SALES 160TS OPENC	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000CQ58VN3	SALES 170TS OPENC	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000CP06149	SALES 170TS OPENC	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	DE000CP064F5	SALES 180TS OPENC	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	DE000CP06529	SALES 180TS OPENC	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	DE000CV8A0E0	SALES105.8TL OPENZ	EUR	1,4350	1,7150	1,4350			1,7150					
Certificate	DE000CV8A0F7	SALES126.8TL OPENZ	EUR	0,5550	0,8350	0,5550			0,8350					
Certificate	NL0009991991	SAMSU 370TL OPENB	EUR	49,5600	49,5600	49,5600			49,5600					
Certificate	NL0011426994	SAMSU 452TL OPENB	EUR	41,6300	42,8400	41,6300			42,8400					
Certificate	DE000CV8AZ08	SAMSU 735TL 1218Z	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	DE000CV8A8R5	SAMSU 835TL 1218Z	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	DE000CV8ABX3	SAMSU 885TL 1218Z	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	NL00099175975	SAMSU249.7TL OPENB	EUR	58,1200	59,4000	58,1200	118,0200	1		59,4000	2			
Certificate	NL0011806336	SAMSU499.6TL OPENB	EUR	37,7400	38,9400	37,7400			38,9400					
Certificate	NL0011806344	SAMSU525.6TL OPENB	EUR	35,6200	36,8200	35,6200	73,0400	1		36,8200	2			
Certificate	DE000CX001G5	SANOF 50TL OPENC	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	DE000CX0JBM2	SANOF 60TL OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CX0JA51	SANOF 60TL OPENC	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	NL00099437045	SANOF 26.2TL OPENB	EUR	5,1150	5,1150	5,1150			5,1150					
Certificate	NL0009999465	SANOF 37.1TL OPENB	EUR	4,1050	4,1050	4,1050			4,1050					
Certificate	NL0010127585	SANOF 46.8TL OPENB	EUR	3,1950	3,1950	3,1950			3,1950					
Certificate	NL0010130126	SANOF 53.2TL OPENB	EUR	2,6050	2,6050	2,6050			2,6050					
Certificate	NL0010286399	SANOF 57.6TL OPENB	EUR	2,1950	2,1950	2,1950			2,1950					
Certificate	NL0012790976	SANOF 62.7TL OPENB	EUR	1,6000	1,7250	1,5950	800,0000	1		1,7250	500			
Certificate	NL0012978555	SANOF 67.6TL OPENB	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	DE000CJ3NY04	SANOF 70.6TL OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	NL0013002850	SANOF 72.7TL OPENB	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	NL0012986434	SANOF 84.3TS OPENB	EUR	1,6100	1,6150	1,5650	1449,0000	1		1,5650	900			
Certificate	NL0011413216	SANOF103.6TS OPENH	EUR	3,6600	3,6600	3,6200			3,6200					
Certificate	NL0012267215	SANOF104.1TS OPENB	EUR	3,7050	3,7050	3,7050			3,7050					
Certificate	NL0012890842	SANOF104.2TS OPENH	EUR	3,7200	3,7200	3,6800			3,6800					
Certificate	NL0012330591	SANOF127.5TS OPENH	EUR	6,2400	6,2400	6,2000			6,2000					
Certificate	NL0012374797	SANOF33.83TL OPENH	EUR	4,3800	4,4300	4,3800			4,4300					
Certificate	DE000CV505U8	SANOF44.47TL OPENZ	EUR	6,2650	6,2650	6,2650			6,2650					
Certificate	DE000CN6HHQ3	SANOF54.51TL OPENZ	EUR	4,2650	4,2650	4,2650			4,2650					
Certificate	NL0011413299	SANOF54.66TL OPENH	EUR	2,4400	2,4900	2,4400			2,4900					
Certificate	NL0011890629	SANOF58.75TL OPENH	EUR	2,0600	2,1100	2,0600			2,1100					
Certificate	DE000CR1K641	SANOF60.64TL OPENZ	EUR	1,5250	1,5250	1,5250			1,5250					
Certificate	NL0012862585	SANOF61.94TL OPENH	EUR	1,7600	1,8100	1,7600			1,8100					
Certificate	NL0012927586	SANOF68.85TL OPENH	EUR	1,1200	1,1700	1,1200	2800,0000	1		1,1700	2500			
Certificate	NL0013086259	SANOF76.85TL OPENH	EUR											
Certificate	NL0011413232	SANOF88.74TS OPENH	EUR	2,0600	2,0600	2,0200			2,0200					
Certificate	NL0011413224	SANOF92.46TS OPENH	EUR	2,4600	2,4600	2,4200			2,4200					
Certificate	NL0012785927	SAP 88TL OPENB	EUR	13,7050	13,7050	13,7050			13,7050					
Certificate	NL0010907416	SAP 49.8TL OPENB	EUR	44,4250	48,4650	44,4250			48,4650					
Certificate	NL0012038806	SAP 75.7TL OPENB	EUR	24,9850	24,9850	24,9850			24,9850					
Certificate	NL0012847230	SAP 83.6TL OPENH	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0012780803	SAP 83.7TL OPENB	EUR	17,6550	17,6550	17,6550			17,6550					
Certificate	NL0013009756	SAP 92.4TL OPENB	EUR											
Certificate	NL0013012859	SAP 97.1TL OPENB	EUR											
Certificate	NL0013014285	SAP 98.3TS OPENB	EUR	15,4950	15,4950	15,4950			15,4950					
Certificate	NL0013010259	SAP 103.3TS OPENB	EUR	21,0850	21,0850	21,0850			21,0850					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012970370	SAP 108.4TS OPENB	EUR	26,7250	26,7250	26,7250			26,7250					
Certificate	NL0011052634	SAP 111.4TS OPENH	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	NL0012971956	SAP 113.7TS OPENB	EUR	32,6450	32,6450	32,6450			32,6450					
Certificate	NL0011052717	SAP 37.44TL OPENH	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	NL0011052709	SAP 45.91TL OPENH	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	DE000CR6XG53	SAP 55.81TL OPENZ	EUR	34,7500	37,8600	34,7500			37,8600					
Certificate	NL0011721956	SAP 58.44TL OPENH	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	DE000CN6F8A5	SAP 61.85TL OPENZ	EUR	28,7300	31,8300	28,7300			31,8300					
Certificate	NL0011721949	SAP 62.61TL OPENH	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	NL0011721931	SAP 64.69TL OPENH	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0011927058	SAP 66.48TL OPENH	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000CN6FGR7	SAP 68.79TL OPENZ	EUR	21,8300	24,9200	21,8300			24,9200					
Certificate	NL0011929393	SAP 70.25TL OPENH	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	NL0011930599	SAP 74.37TL OPENH	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CD62FB2	SAP 77.69TL OPENZ	EUR	13,0000	16,0700	13,0000			16,0700					
Certificate	NL0012051189	SAP 78.46TL OPENH	EUR	1,8700	2,0300	1,8700	1925,0000	2	2,0300	1000				
Certificate	NL0012847222	SAP 87.62TL OPENH	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CV88R56	SAP 87.63TL OPENZ	EUR	3,2500	6,2650	3,2500			6,2650					
Certificate	NL0012847214	SAP 89.64TL OPENH	EUR											
Certificate	NL0012847206	SAP 91.65TL OPENH	EUR											
Certificate	NL0010920583	SBMOF 5TL OPENB	EUR	10,1150	10,1150	10,1150			10,1150					
Certificate	DE000C3Z2P9	SBMOF 8TL OPENC	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	DE000CX0K3N7	SBMOF 9TL OPENC	EUR	6,8900	6,8900	6,8900			6,8900					
Certificate	DE000CX0K256	SBMOF 9TL OPENC	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	DE000CX59AG6	SBMOF 10TL OPENC	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	DE000CX59GP4	SBMOF 10TL OPENC	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	DE000VA4YP34	SBMOF 11TL 1218V	EUR	3,7720	3,7720	3,7720			3,7720					
Certificate	DE000CQ58TF3	SBMOF 12TL OPENC	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000CQ58V79	SBMOF 12TL OPENC	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000CQ5A782	SBMOF 13TL OPENC	EUR											
Certificate	DE000CQ5AVA2	SBMOF 13TL OPENC	EUR											
Certificate	DE000CP062P8	SBMOF 13TL OPENC	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000CP060S6	SBMOF 13TL OPENC	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CP064C2	SBMOF 14TL OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CP064V2	SBMOF 14TL OPENC	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	NL0012648463	SBMOF 15B0C1218Z	EUR	14,8650	14,8800	14,8650			14,8800					
Certificate	DE000CP06PP2	SBMOF 15TL OPENC	EUR											
Certificate	DE000CP06KN8	SBMOF 15TL OPENC	EUR											
Certificate	DE000CQ5A8S9	SBMOF 15TS OPENC	EUR											
Certificate	DE000CY52W33	SBMOF 15TS OPENC	EUR											
Certificate	NL0012648471	SBMOF 16B0C0619Z	EUR	15,0750	15,1200	15,0750			15,1200					
Certificate	DE000CP07A93	SBMOF 17TS OPENC	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	NL0012796452	SBMOF 18B0C1219Z	EUR	14,6800	14,7300	14,6800			14,7300					
Certificate	DE000CP064Y6	SBMOF 18TS OPENC	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	DE000CP06N26	SBMOF 18TS OPENC	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	DE000CY51V01	SBMOF 18TS OPENC	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000CX59ZS8	SBMOF 18TS OPENC	EUR											
Certificate	DE000CP06PQ0	SBMOF 20TS OPENC	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	DE000VA4YP59	SBMOF 11.TL OPENV	EUR	3,6870	3,6870	3,6870			3,6870					
Certificate	DE000VA4YW19	SBMOF 12.TL OPENV	EUR	2,6850	2,6850	2,6850			2,6850					
Certificate	DE000VA4YW35	SBMOF 13.TL OPENV	EUR	1,6810	1,6810	1,6810			1,6810					
Certificate	NL0010910808	SBMOF 6.TL OPENB	EUR	9,1450	9,1450	9,1450			9,1450					
Certificate	NL0011041868	SBMOF 6.5TL OPENH	EUR	8,6800	8,7700	8,6800			8,7700					
Certificate	NL0010909297	SBMOF 6.6TL OPENB	EUR	8,6550	8,6550	8,6550			8,6550					
Certificate	NL0010654844	SBMOF 7.2TL OPENB	EUR	8,1800	8,1800	8,1800			8,1800					
Certificate	NL0011041850	SBMOF 7.6TL OPENH	EUR	7,7100	7,8100	7,7100			7,8100					
Certificate	NL0010765095	SBMOF 7.8TL OPENB	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	NL0011041843	SBMOF 8.1TL OPENH	EUR	7,2300	7,3200	7,2300			7,3200					
Certificate	NL0009964196	SBMOF 8.3TL OPENA	EUR											
Certificate	NL0010921052	SBMOF 8.3TL OPENB	EUR	7,1150	7,1150	7,1150			7,1150					
Certificate	DE000CC608A5	SBMOF 8.5TL OPENC	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	NL0011041835	SBMOF 8.6TL OPENH	EUR	6,7400	6,8400	6,7400			6,8400					
Certificate	NL0011906730	SBMOF 9.5TL OPENB	EUR	6,0150	6,0150	6,0150			6,0150					
Certificate	NL0011909338	SBMOF 10.2TL OPENB	EUR	5,2800	5,4550	5,2800	1478,4000	1	5,4550	280				
Certificate	NL0012982425	SBMOF 10.7TL OPENB	EUR	4,9750	4,9750	4,9750			4,9750					
Certificate	NL0012983407	SBMOF 11.2TL OPENB	EUR	4,4300	4,5150	4,4300	4430,0000	1	4,5150	1000				
Certificate	DE000VA4YTN7	SBMOF 11.5TL 1218V	EUR	3,2720	3,2720	3,2720			3,2720					
Certificate	DE000VA4YTP2	SBMOF 11.5TL OPENV	EUR	3,1860	3,1860	3,1860			3,1860					
Certificate	DE000VL37LF6	SBMOF 12.4TL OPENV	EUR											
Certificate	DE000VA4YW27	SBMOF 12.5TL OPENV	EUR	2,1830	2,1830	2,1830			2,1830					
Certificate	NL0012985246	SBMOF 12.7TL OPENB	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	NL0012991335	SBMOF 13.3TL OPENB	EUR	2,6250	2,6250	2,6250			2,6250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012994248	SBMOF 13.8TL OPENB	EUR	2,1750	2,1750	2,1750			2,1750					
Certificate	NL0012994255	SBMOF 14.3TL OPENB	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	NL0012987317	SBMOF 14.48OC0619B	EUR	13,8800	13,8800	13,8800			13,8800					
Certificate	NL0012795769	SBMOF 14.88OC0619Z	EUR	13,9800	14,0100	13,9800			14,0100					
Certificate	NL0012997498	SBMOF 14.8TL OPENB	EUR											
Certificate	NL0012793079	SBMOF 15.28OC1218B	EUR	14,1200	14,1200	14,1200			14,1200					
Certificate	NL0012649180	SBMOF 15.38OC1218Z	EUR	13,9900	14,1000	13,9900			14,1000					
Certificate	NL0012987283	SBMOF 15.48OC0619B	EUR	14,3100	14,3100	14,3100			14,3100					
Certificate	NL0012795777	SBMOF 15.48OC0919Z	EUR	14,2900	14,3100	14,2900			14,3100					
Certificate	NL0013004591	SBMOF 15.4TL OPENB	EUR											
Certificate	NL0013015738	SBMOF 15.8TS OPENB	EUR	2,9250	2,9250	2,9250			2,9250					
Certificate	NL0012494645	SBMOF 16.58OC1218B	EUR	14,3200	14,4400	14,3200			14,4400					
Certificate	NL0013010267	SBMOF 16.6TS OPENB	EUR	3,9150	3,9150	3,9150			3,9150					
Certificate	NL0012994339	SBMOF 17.5TS OPENB	EUR	4,8650	4,8650	4,8650			4,8650					
Certificate	NL0013004989	SBMOF 18.1TS OPENB	EUR	5,5750	5,5750	5,5750			5,5750					
Certificate	NL0013008022	SBMOF 18.8TS OPENB	EUR	6,3550	6,3550	6,3550			6,3550					
Certificate	NL0012525216	SBMOF 19.4TS OPENH	EUR	7,0500	7,0500	6,9500			6,9500					
Certificate	NL0011231782	SBMOF 7.26TL OPENH	EUR	7,9400	8,0300	7,9400			8,0300					
Certificate	DE000CV8A4C6	SBMOF 8.88TL OPENZ	EUR	6,3000	6,4000	6,3000			6,4000					
Certificate	DE000CR9S654	SBMOF 9.96TL OPENZ	EUR	5,3050	5,4000	5,3050			5,4000					
Certificate	DE000CV8A4Z7	SBMOF10.07TL OPENZ	EUR	4,5050	4,6000	4,5050			4,6000					
Certificate	DE000CV8A500	SBMOF10.57TL OPENZ	EUR	4,0150	4,1100	4,0150			4,1100					
Certificate	NL0012931265	SBMOF11.04TL OPENH	EUR	4,5000	4,5900	4,5000			4,5900					
Certificate	NL0012983944	SBMOF11.428L OPENB	EUR	3,6550	3,6550	3,6550			3,6550					
Certificate	NL0012932537	SBMOF11.54TL OPENH	EUR	4,0400	4,1400	4,0400			4,1400					
Certificate	DE000CV8ADZ4	SBMOF11.57TL OPENZ	EUR	3,0150	3,1100	3,0150			3,1100					
Certificate	NL0012984843	SBMOF11.928L OPENB	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	DE000CV8AFT2	SBMOF12.12TL OPENZ	EUR	3,3050	3,4000	3,3050			3,4000					
Certificate	LU1790570185	SBMOF12.26TCIOPENS	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0012984850	SBMOF12.428L OPENB	EUR	2,6550	2,6550	2,6550			2,6550					
Certificate	DE000CV8AG27	SBMOF12.57TL OPENZ	EUR	2,0250	2,1300	1,9600	5880,0000	2	2,1300	3000				
Certificate	NL0012933634	SBMOF12.91TL OPENH	EUR	2,7900	2,8900	2,7900			2,8900					
Certificate	NL0012984868	SBMOF12.938L OPENB	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	LU1790570342	SBMOF12.94TCIOPENS	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	NL0012890859	SBMOF13.03TL OPENH	EUR	2,6900	2,7800	2,6900			2,7800					
Certificate	DE000VA3TJ59	SBMOF13.06TL OPENV	EUR											
Certificate	NL0012991053	SBMOF13.438L OPENB	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	DE000VASRMC6	SBMOF13.52TL OPENV	EUR	1,1810	1,1810	1,1810			1,1810					
Certificate	DE000CV8B6P2	SBMOF13.57TL OPENZ	EUR	1,0550	1,1500	1,0550			1,1500					
Certificate	DE000VA3D9J6	SBMOF13.59TS OPENV	EUR											
Certificate	NL0012994081	SBMOF13.938L OPENB	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	NL0012894703	SBMOF14.02TL OPENH	EUR	1,7800	1,8800	1,7800			1,8800					
Certificate	DE000VA6D3T5	SBMOF14.02TL OPENV	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	LU1817100982	SBMOF14.21TCIOPENS	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	DE000CV8B7V8	SBMOF14.29TL OPENZ	EUR	1,3050	1,4000	1,3050			1,4000					
Certificate	NL0012994099	SBMOF14.438L OPENB	EUR											
Certificate	DE000VA6D3U3	SBMOF14.52TL OPENV	EUR											
Certificate	NL0012898076	SBMOF14.53TL OPENH	EUR											
Certificate	DE000CV8B7A2	SBMOF14.56TL OPENZ	EUR	0,1905	0,1905	0,1905			0,1905					
Certificate	NL0012997225	SBMOF14.938L OPENB	EUR											
Certificate	LU1817319152	SBMOF14.99TCIOPENS	EUR											
Certificate	DE000VAGT1R5	SBMOF15.04TL OPENV	EUR											
Certificate	LU1859831023	SBMOF15.33TCIOPENS	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000VA8FT54	SBMOF15.42TS OPENV	EUR	0,9120	0,9120	0,9120			0,9120					
Certificate	NL0013003981	SBMOF15.438L OPENB	EUR											
Certificate	NL0012895163	SBMOF15.44TS OPENH	EUR											
Certificate	LU1840981721	SBMOF15.46TCIOPENS	EUR											
Certificate	DE000VA710J9	SBMOF15.92TS OPENV	EUR	1,3620	1,4110	1,3620	163,4400	1	1,4110	120				
Certificate	NL0013013907	SBMOF15.958S OPENB	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	DE000VA7TGO0	SBMOF16.43TS OPENV	EUR	1,9090	1,9090	1,9090			1,9090					
Certificate	LU1840980087	SBMOF16.53TCIOPENS	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CJ3PHX5	SBMOF16.71TS OPENZ	EUR	2,2950	2,2950	2,2100			2,2100					
Certificate	NL0013003270	SBMOF16.858OC0919B	EUR	14,8200	14,8200	14,8200			14,8200					
Certificate	DE000VA7TGR8	SBMOF16.93TS OPENV	EUR	2,4090	2,4090	2,4090			2,4090					
Certificate	NL0013009079	SBMOF16.958S OPENB	EUR	2,7450	2,7450	2,7450			2,7450					
Certificate	NL0011230149	SBMOF17.17TS OPENH	EUR	4,5700	4,5700	4,4700			4,4700					
Certificate	LU1840960212	SBMOF17.71TCIOPENS	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	DE000VL61DVO	SBMOF17.94TS OPENV	EUR	2,9060	2,9060	2,9060			2,9060					
Certificate	NL0012994149	SBMOF17.958S OPENB	EUR	3,7350	3,7350	3,7350			3,7350					
Certificate	DE000VAGTX28	SBMOF17.97TS OPENV	EUR	3,4240	3,4240	3,4240			3,4240					
Certificate	DE000CV4ZLS8	SBMOF18.21TS OPENZ	EUR	3,7850	3,7850	3,6900			3,6900					
Certificate	NL0013004450	SBMOF18.948S OPENB	EUR	4,7350	4,7350	4,7350			4,7350					



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
Certificate	NL0012536809	SBMOF19.41TS OPENH	EUR	7,0600	7,0600	6,9500			6,9500					
Certificate	NL0012521082	SBMOF19.42TS OPENH	EUR	7,0700	7,0700	6,9600			6,9600					
Certificate	NL0013007743	SBMOF19.95BS OPENB	EUR	5,7350	5,7350	5,7350			5,7350					
Certificate	DE000CJ3NP88	SBMOF20.21TS OPENZ	EUR	5,7700	5,7700	5,6900			5,6900					
Certificate	DE000CJ9JQQ8	SBMOF6.092TL OPENC	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	DE000CR4HWK6	SBMOF8.757TL OPENZ	EUR	5,8100	5,9100	5,8100			5,9100					
Certificate	DE000CR6X379	SBMOF9.569TL OPENZ	EUR	5,0000	5,1000	5,0000			5,1000					
Certificate	NL0011907613	SBMOF9.912BL OPENB	EUR	5,1550	5,1550	5,1550			5,1550					
Certificate	DE000CD62R41	SCHAT 106.TL OPENZ	EUR	6,0500	6,0500	6,0150			6,0150					
Certificate	DE000CD62R58	SCHAT100.6TL OPENZ	EUR	11,4000	11,4000	11,3600			11,3600					
Certificate	DE000CD62R66	SCHAT113.9TS OPENZ	EUR	1,9400	1,9850	1,9400			1,9850					
Certificate	DE000CD62R74	SCHAT118.7TS OPENZ	EUR	6,6700	6,7100	6,6700			6,7100					
Certificate	DE000CE6C642	SCHAT124.4TS OPENZ	EUR	12,4200	12,4500	12,4200			12,4500					
Certificate	DE000CV89FF8	SCHAT90.48TL OPENZ	EUR	21,5400	21,5400	21,4900			21,4900					
Certificate	NL0010127965	SCHLM 58TL OPENB	EUR											
Certificate	DE000CV89ZP5	SCHLM 50.5TL OPENZ	EUR	0,4650	0,6000	0,4500	3705,6000	10	0,5050	6940				
Certificate	DE000CJ3NYD7	SCHLM41.42TL OPENZ	EUR	2,0550	2,1600	2,0550	2484,0000	1	2,0950	1150				
Certificate	NL0011418231	SCHND 40.3TL OPENH	EUR	22,5400	24,5200	22,5400			24,5200					
Certificate	NL0012314090	SCHND102.7TS OPENH	EUR	51,1900	51,1900	49,1100			49,1100					
Certificate	NL0012366868	SCHND102.8TS OPENH	EUR	51,2400	51,2400	49,1500			49,1500					
Certificate	NL0012365464	SCHND103.7TS OPENH	EUR	52,2300	52,2300	50,1400			50,1400					
Certificate	NL0012313282	SCHND103.7TS OPENH	EUR	52,2300	52,2300	50,1500			50,1500					
Certificate	NL0012557953	SCHND116.1TS OPENH	EUR	65,6300	65,6300	63,5300			63,5300					
Certificate	DE000CV8ALH5	SCHND44.49TL OPENZ	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0011890652	SCHND47.18TL OPENZ	EUR	16,1500	18,5100	16,1500	9255,0000	1	18,1300	500				
Certificate	DE000CE6CCC6	SCHND54.57TL OPENZ	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	NL0011934203	SCHND55.12TL OPENZ	EUR	8,7500	10,7500	8,7500			10,7500					
Certificate	NL0013085426	SCHND60.04TL OPENZ	EUR											
Certificate	NL0013081797	SCHND64.04TS OPENH	EUR	9,4600	9,4600	7,4000			7,4000					
Certificate	NL0012919823	SCHND72.04TS OPENH	EUR	18,0700	18,6000	15,9900	91500,0000	2	15,9900	5000				
Certificate	NL0012935795	SCHND80.03TS OPENH	EUR	26,6900	26,6900	24,6100			24,6100					
Certificate	NL0012907190	SCHND80.04TS OPENH	EUR	26,7000	26,7000	24,6300			24,6300					
Certificate	NL0012214605	SCHND80.62TS OPENH	EUR	27,3300	27,3300	25,2500			25,2500					
Certificate	NL0012608137	SCHND85.68TS OPENH	EUR	32,7800	32,7800	30,7200			30,7200					
Certificate	NL0011970652	SCHND87.29TS OPENH	EUR	34,5000	34,5000	32,4500			32,4500					
Certificate	NL0011935671	SCHND88.21TS OPENH	EUR	35,5100	35,5100	33,4400			33,4400					
Certificate	NL0010733622	SCXP STN0820V	EUR											
Certificate	XS1444044082	SDGP STN1122K	EUR	94,2500	94,2500	94,2000	37685,0000	2	94,2000	40000				
Certificate	DE000CJ3N823	SFER 12.66TL OPENZ	EUR	8,2200	8,8300	8,2200			8,8300					
Certificate	DE000CV8AW27	SFER 14.66TL OPENZ	EUR	6,3100	6,9200	6,3100			6,9200					
Certificate	DE000CV8AUV7	SFER 16.75TL OPENZ	EUR	4,3150	4,9250	4,3150			4,9250					
Certificate	DE000CJ3PGE7	SFER 19.25TL OPENZ	EUR	1,8850	2,5050	1,8850			2,5050					
Certificate	DE000CV89DV0	SGL 6.103TL OPENZ	EUR	0,4250	0,4550	0,4250			0,4550					
Certificate	DE000CV89CT6	SGL 7.105TL OPENZ	EUR	0,2250	0,2550	0,2250			0,2550					
Certificate	DE000CJ3PA67	SGL 7.904TL OPENZ	EUR	0,0700	0,1015	0,0700			0,1015					
Certificate	DE000CJ3NOF2	SGRE 7.47TL OPENZ	EUR	2,6050	2,7900	2,6050			2,7900					
Certificate	DE000CJ3NKM7	SGRE 8.47TL OPENZ	EUR	1,6750	1,8500	1,6750			1,8500					
Certificate	DE000CJ3N189	SHA 6.507TL OPENZ	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	DE000CJ3NX96	SHA 7.511TL OPENZ	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	DE000CE6E887	SHA 8.522TL OPENZ	EUR	0,1050	0,1050	0,1050			0,1050					
Certificate	DE000CJ3PA59	SHA 9.511TL OPENZ	EUR											
Certificate	DE000CE6BQN5	SHELL LEVOPENZ	EUR	70,9050	74,8400	69,8300	7222,3000	5	70,8700	99				
Certificate	DE000CE6BQD6	SHELL SHROPEZ	EUR	9,1300	9,1450	9,1300			9,1450					
Certificate	XS1346710848	SHELL STN0119B	EUR	109,5000	109,5000	109,5000			109,5000					
Certificate	DE000CX59NA2	SHELL 18TL OPENC	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	DE000CX00FP0	SHELL 20TL OPENC	EUR	10,3700	10,3700	10,3700			10,3700					
Certificate	DE000CY51717	SHELL 20TL OPENC	EUR	9,3900	9,3900	9,3900			9,3900					
Certificate	DE000CX00EP3	SHELL 20TL OPENC	EUR	11,2700	11,2700	11,2700			11,2700					
Certificate	DE000CX01FQ6	SHELL 21TL OPENC	EUR	10,3300	10,3300	10,3300			10,3300					
Certificate	NL0012494926	SHELL 22TL OPENB	EUR	6,8550	6,8550	6,8550			6,8550					
Certificate	DE000CX59NB0	SHELL 22TL OPENC	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	DE000CY51725	SHELL 22TL OPENC	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	DE000CX59Q92	SHELL 22TL OPENC	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	NL0012496830	SHELL 23TL OPENB	EUR	5,9250	5,9250	5,9250			5,9250					
Certificate	DE000CY50UW8	SHELL 23TL OPENC	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000CY50XK7	SHELL 23TL OPENC	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	NL0012565519	SHELL 23TL OPENH	EUR	5,6400	5,7700	5,6400			5,7700					
Certificate	DE000CJ3PBC2	SHELL 24TL 1218Z	EUR	2,9650	2,9650	2,9600			2,9600					
Certificate	NL0012685077	SHELL 24TL OPENB	EUR	4,9200	4,9950	4,9200	492,0000	1	4,9950	100				
Certificate	DE000CQ5A156	SHELL 24TL OPENC	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000CY51H17	SHELL 24TL OPENC	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	DE000CY51FT3	SHELL 24TL OPENC	EUR	4,4800	4,4800	4,4800			4,4800					



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	NL0012236228	SHELL 25BON1218Z	EUR	27,2100	27,2100	27,2000			27,2000					
Certificate	NL0012779888	SHELL 25TL OPENB	EUR	3,9400	4,0150	3,9400	4344,0000	2	4,0150	1100				
Certificate	DE000CQ5AT58	SHELL 25TL OPENC	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	DE000CQ5BHP7	SHELL 25TL OPENC	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	DE000CY52W09	SHELL 25TL OPENC	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	DE000CQ5AQ02	SHELL 25TL OPENC	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000VA71PB8	SHELL 26TL 0319V	EUR	1,1890	1,1890	1,1890			1,1890					
Certificate	NL0012781736	SHELL 26TL OPENB	EUR	2,9000	3,1200	2,8800	147637,6000	14	3,0850	50055				
Certificate	DE000CQ5AKJ6	SHELL 26TL OPENC	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	DE000CP06PM9	SHELL 26TL OPENC	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CQ5AHQ7	SHELL 26TL OPENC	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000VA7PT61	SHELL 27TL 0319V	EUR											
Certificate	DE000VA6T142	SHELL 27TL 1218V	EUR											
Certificate	NL0012997480	SHELL 27TL OPENB	EUR											
Certificate	DE000CQ5BFC2	SHELL 27TL OPENC	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CQ5AV88	SHELL 27TL OPENC	EUR	1,0000	1,1300	0,9400	1565,0000	2	0,9400	1500				
Certificate	DE000VA7PT79	SHELL 28TL 0319V	EUR											
Certificate	DE000VA6T159	SHELL 28TL 1218V	EUR											
Certificate	DE000CP06PN7	SHELL 28TL OPENC	EUR											
Certificate	DE000CP06NY9	SHELL 28TL OPENC	EUR											
Certificate	NL0012649206	SHELL 29BON1218Z	EUR	28,2500	28,2500	28,2250			28,2250					
Certificate	NL0012648828	SHELL 29BON1218Z	EUR	28,5050	28,5050	28,4800			28,4800					
Certificate	DE000VA71N77	SHELL 29TS 0319V	EUR	2,6140	2,6140	2,6140			2,6140					
Certificate	DE000VA71PE2	SHELL 29TS 1218V	EUR	2,3640	2,3640	2,3640			2,3640					
Certificate	DE000CP06X71	SHELL 29TS OPENC	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0012649214	SHELL 30BON0619Z	EUR	28,2150	28,2150	28,1700			28,1700					
Certificate	NL0012648836	SHELL 30BON0619Z	EUR	28,6350	28,6350	28,5800			28,5800					
Certificate	DE000VA71N93	SHELL 30TS 0319V	EUR	3,7030	3,7030	3,7030			3,7030					
Certificate	DE000VA71PJ1	SHELL 30TS 1218V	EUR	3,4110	3,4110	3,4110			3,4110					
Certificate	DE000CP07A77	SHELL 30TS OPENC	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	NL0012793061	SHELL 31BON1218B	EUR	28,7300	28,7300	28,7300			28,7300					
Certificate	DE000VA7PT38	SHELL 31TS 0319V	EUR	4,7610	4,7610	4,7610			4,7610					
Certificate	DE000VA6T175	SHELL 31TS 1218V	EUR	4,4320	4,4320	4,4320			4,4320					
Certificate	NL0012792410	SHELL 31TS OPENB	EUR	6,5800	6,5800	6,2950	3864,0000	2	6,2950	600				
Certificate	DE000CQ5BON3	SHELL 31TS OPENC	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	NL0012648349	SHELL 32BON0619Z	EUR	29,9550	29,9550	29,8900			29,8900					
Certificate	NL0013003312	SHELL 32BON0919B	EUR	27,1000	27,1000	27,1000			27,1000					
Certificate	DE000VA7PT46	SHELL 32TS 0319V	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000VA6T3A7	SHELL 32TS 1218V	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	NL0012788863	SHELL 32TS OPENB	EUR	7,4350	7,4350	7,4350			7,4350					
Certificate	DE000CQ5AF57	SHELL 32TS OPENC	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	DE000VA7PT53	SHELL 33TS 0319V	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	DE000CQ5AQ10	SHELL 34TS OPENC	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000CY522G9	SHELL 34TS OPENC	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	DE000CQ5BTE6	SHELL 34TS OPENC	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	DE000CQ5BFJ4	SHELL 34TS OPENC	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	DE000CY51XE8	SHELL 34TS OPENC	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	DE000CQ5BV61	SHELL 35TS OPENC	EUR	9,2400	9,2400	9,2400			9,2400					
Certificate	DE000CP07A85	SHELL 35TS OPENC	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	DE000CP064U4	SHELL 35TS OPENC	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	DE000CQ5BHQ5	SHELL 35TS OPENC	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	DE000CQ5AT74	SHELL 35TS OPENC	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	DE000CQ5AX11	SHELL 36TS OPENC	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	NL0013081789	SHELL 45TS OPENH	EUR	21,5900	21,5900	21,4700			21,4700					
Certificate	NL0011635974	SHELL 5.7TL OPENB	EUR	21,9550	21,9550	21,9550			21,9550					
Certificate	NL0011635982	SHELL 6.8TL OPENB	EUR	20,9550	20,9550	20,9550			20,9550					
Certificate	NL0009258607	SHELL 8.8TL OPENB	EUR	19,0850	19,0850	19,0850			19,0850					
Certificate	NL0009514223	SHELL 10.1TL OPENB	EUR	17,9150	17,9150	17,9150			17,9150					
Certificate	NL0009558519	SHELL 11.2TL OPENB	EUR	16,8950	16,8950	16,8950			16,8950					
Certificate	NL0009875251	SHELL 12.3TL OPENB	EUR	15,8450	15,8450	15,8450			15,8450					
Certificate	NL0011638549	SHELL 13.4TL OPENB	EUR	14,8150	14,8150	14,8150			14,8150					
Certificate	DE000CN6ESP9	SHELL 13.5TL OPENZ	EUR	13,6800	13,6800	13,6800			13,6800					
Certificate	NL0011648712	SHELL 14.4TL OPENB	EUR	13,8750	13,8750	13,8750			13,8750					
Certificate	NL0011649967	SHELL 15.5TL OPENB	EUR	12,9050	12,9050	12,9050			12,9050					
Certificate	NL0011654546	SHELL 16.6TL OPENB	EUR	11,8950	11,8950	11,8950			11,8950					
Certificate	DE000CX0KHCH	SHELL 17.5TL OPENC	EUR	13,2800	13,2800	13,2800			13,2800					
Certificate	NL0011800081	SHELL 17.6TL OPENB	EUR	10,8750	10,8750	10,8750			10,8750					
Certificate	DE000CN6L154	SHELL 18.4TL OPENZ	EUR	9,3050	9,3050	9,3000			9,3000					
Certificate	DE000CN6K8Z5	SHELL 18.6TL OPENZ	EUR	8,5800	8,5800	8,5800			8,5800					
Certificate	NL0012020382	SHELL 18.7TL OPENB	EUR	9,8650	9,8650	9,8650			9,8650					
Certificate	DE000CN6L1V8	SHELL 19.6TL OPENZ	EUR	7,5950	7,5950	7,5900			7,5900					
Certificate	NL0012030654	SHELL 19.8TL OPENB	EUR	8,8950	8,8950	8,8950			8,8950					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012036321	SHELL 20.9TL OPENB	EUR	7,8650	7,8650	7,8650			7,8650					
Certificate	DE000CV8ABN4	SHELL 22.5TL 1218Z	EUR	4,4350	4,4350	4,4200			4,4200					
Certificate	NL0012518138	SHELL 22.5TL OPENH	EUR	6,1000	6,2300	6,1000			6,2300					
Certificate	DE000VL37F93	SHELL 22.9TL OPENV	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	DE000VL2FTH9	SHELL 22.9TL OPENV	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	DE000VN6ZC13	SHELL 22.9TL OPENV	EUR	5,7000	5,8600	5,7000	1778,4000	1	5,8600	312				
Certificate	DE000VL37GA7	SHELL 23.4TL OPENV	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	NL0012565501	SHELL 23.5TL OPENH	EUR	5,1700	5,3000	5,1700			5,3000					
Certificate	DE000VL37GB5	SHELL 23.9TL OPENV	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	DE000VL37GC3	SHELL 24.4TL OPENV	EUR	4,9870	4,9870	4,9870			4,9870					
Certificate	DE000CV501E1	SHELL 24.7TL OPENZ	EUR	2,5350	2,5350	2,5300			2,5300					
Certificate	DE000CV8ABP9	SHELL 25.5TL 1218Z	EUR	1,5700	1,5700	1,5550			1,5550					
Certificate	DE000CV889F7	SHELL 25.7TL OPENZ	EUR	1,4950	1,5600	1,4900	1560,0000	2	1,4900	1000				
Certificate	NL0012494637	SHELL 25.8OC1218B	EUR	25,7200	25,7300	25,7200			25,7300					
Certificate	NL0012236301	SHELL 26.5OC1218Z	EUR	26,3750	26,3750	26,3700			26,3700					
Certificate	LU1817382606	SHELL 27.5TCIOPENS	EUR											
Certificate	DE000CJ3NUR5	SHELL 27.5TL 1218Z	EUR											
Certificate	NL0013015720	SHELL 28.9TS OPENB	EUR	4,0150	4,0150	4,0150			4,0150					
Certificate	NL0013082647	SHELL 29.5TS OPENH	EUR	4,8500	4,8500	4,7300			4,7300					
Certificate	NL0013010242	SHELL 29.9TS OPENB	EUR	5,1850	5,1850	5,1850			5,1850					
Certificate	NL0011413992	SHELL 3.29TL OPENH	EUR	23,9900	24,1200	23,9900			24,1200					
Certificate	LU1840912676	SHELL 30.1TPIOPENS	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000CV8AU60	SHELL 32.5TS 1218Z	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	NL0012790570	SHELL 32.9TS OPENB	EUR	8,4150	8,4150	8,4150			8,4150					
Certificate	DE000CV8ABR5	SHELL 37.5TS 1218Z	EUR	10,8400	10,8500	10,8400			10,8500					
Certificate	NL0011413984	SHELL 4.86TL OPENH	EUR	22,5200	22,6500	22,5200			22,6500					
Certificate	DE000CM3YYQ1	SHELL 5.58TL OPENZ	EUR	2,1700	2,1750	2,1700			2,1750					
Certificate	DE000CM3YLV8	SHELL 6.21TL OPENZ	EUR	21,1350	21,1350	21,1300			21,1300					
Certificate	NL0011413976	SHELL 6.44TL OPENH	EUR	21,0600	21,1900	21,0600			21,1900					
Certificate	NL0011413968	SHELL 8.01TL OPENH	EUR	19,5900	19,7200	19,5900			19,7200					
Certificate	NL0011413950	SHELL 9.58TL OPENH	EUR	18,1300	18,2500	18,1300			18,2500					
Certificate	NL0011536693	SHELL10.26BL OPENB	EUR	17,2150	17,2150	17,2150			17,2150					
Certificate	NL0011529086	SHELL11.34BL OPENB	EUR	16,1350	16,1350	16,1350			16,1350					
Certificate	NL0011039847	SHELL11.79TL OPENH	EUR	16,0800	16,2000	16,0800			16,2000					
Certificate	NL0011593405	SHELL12.18TL OPENH	EUR	15,7100	15,8300	15,7100			15,8300					
Certificate	NL0011434089	SHELL12.42BL OPENB	EUR	15,0550	15,0550	15,0550			15,0550					
Certificate	NL0011593397	SHELL12.71TL OPENH	EUR	15,2200	15,3500	15,2200			15,3500					
Certificate	NL0011602545	SHELL13.75TL OPENH	EUR	14,2500	14,3800	14,2500			14,3800					
Certificate	DE000CR9S2Y1	SHELL14.57TL OPENZ	EUR	12,6100	12,6100	12,6100			12,6100					
Certificate	DE000CG2RMP2	SHELL15.29TL OPENC	EUR	17,3700	17,3700	17,3700			17,3700					
Certificate	NL0011719984	SHELL15.31TL OPENH	EUR	12,7900	12,9200	12,7900			12,9200					
Certificate	DE000CN6HXF3	SHELL15.58TL OPENZ	EUR	11,6000	11,6000	11,6000			11,6000					
Certificate	NL0011649090	SHELL15.64BL OPENB	EUR	11,8350	11,8350	11,8350			11,8350					
Certificate	NL0011719976	SHELL15.83TL OPENH	EUR	12,3100	12,4400	12,3100			12,4400					
Certificate	NL0011719968	SHELL16.35TL OPENH	EUR	11,8300	11,9500	11,8300			11,9500					
Certificate	DE000CN6JRD6	SHELL16.61TL OPENZ	EUR	10,5850	10,5850	10,5800			10,5800					
Certificate	NL0011654223	SHELL16.71BL OPENB	EUR	10,7650	10,7650	10,7650			10,7650					
Certificate	NL0011719950	SHELL16.87TL OPENH	EUR	11,3400	11,4700	11,3400			11,4700					
Certificate	DE000CN6K1A3	SHELL16.88TL OPENZ	EUR	10,7850	10,7850	10,7800			10,7800					
Certificate	NL0011721865	SHELL17.39TL OPENH	EUR	10,8600	10,9900	10,8600			10,9900					
Certificate	DE000CN6JWE4	SHELL17.61TL OPENZ	EUR	9,5700	9,5700	9,5700			9,5700					
Certificate	NL0011799093	SHELL17.77BL OPENB	EUR	9,7050	9,7050	9,7050			9,7050					
Certificate	NL0011729322	SHELL17.89TL OPENH	EUR	10,3900	10,5200	10,3900			10,5200					
Certificate	NL0011729314	SHELL18.41TL OPENH	EUR	9,9100	10,0300	9,9100			10,0300					
Certificate	NL0012019632	SHELL18.83BL OPENB	EUR	8,6550	8,6550	8,6550			8,6550					
Certificate	NL0011978309	SHELL18.91TL OPENH	EUR	9,4500	9,5700	9,4500			9,5700					
Certificate	NL0011979018	SHELL19.42TL OPENH	EUR	8,9700	9,1000	8,9700			9,1000					
Certificate	NL0012021000	SHELL19.88BL OPENB	EUR	7,6250	7,6250	7,6250			7,6250					
Certificate	DE000CD63872	SHELL19.93TL OPENZ	EUR	7,8150	7,8150	7,8100			7,8100					
Certificate	NL0011980107	SHELL19.96TL OPENH	EUR	8,4600	8,5900	8,4600			8,5900					
Certificate	NL0011996350	SHELL20.47TL OPENH	EUR	7,9900	8,1200	7,9900			8,1200					
Certificate	DE000CD636V1	SHELL20.58TL OPENZ	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	NL0012034284	SHELL20.93BL OPENB	EUR	6,5750	6,5750	6,5750			6,5750					
Certificate	NL0011998158	SHELL20.97TL OPENH	EUR	7,5300	7,6500	7,5300			7,6500					
Certificate	DE000CD63WY7	SHELL21.45TL OPENZ	EUR	6,3350	6,3350	6,3300			6,3300					
Certificate	NL0011998232	SHELL21.48TL OPENH	EUR	7,0400	7,1700	7,0400			7,1700					
Certificate	DE000VN66VY1	SHELL21.67TL OPENV	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	DE000CD63SQ1	SHELL21.93TL OPENZ	EUR	5,2150	5,5000	5,2100	2150,0000	2	5,2100	400				
Certificate	NL0012492813	SHELL21.96BL OPENB	EUR	5,5450	5,5450	5,5450			5,5450					
Certificate	NL0012579379	SHELL21.99TL OPENH	EUR	6,5700	6,7000	6,5700			6,7000					
Certificate	DE000VL2FLH6	SHELL22.19TL OPENV	EUR	6,3700	6,3700	6,3700			6,3700					
Certificate	DE000CE6ESY2	SHELL22.72TL OPENZ	EUR	4,4950	4,4950	4,4900			4,4900					



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	DE000VN6ZC05	SHELL22.87TL OPENV	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	NL0012495816	SHELL22.99BL OPENB	EUR	4,5150	4,5150	4,5150			4,5150					
Certificate	DE000CE6EX38	SHELL22.99TL OPENZ	EUR	4,8450	4,8450	4,8400			4,8400					
Certificate	DE000VL2FUH7	SHELL23.42TL OPENV	EUR	4,8410	4,8410	4,8410			4,8410					
Certificate	LU1696513024	SHELL23.46TCIOPENS	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	DE000CE6EW21	SHELL23.71TL OPENZ	EUR	3,4850	3,5000	3,3600	11260,0000	3	3,4800	3300				
Certificate	LU1784831023	SHELL23.92TL OPENS	EUR											
Certificate	DE000VL2FUJ3	SHELL23.92TL OPENV	EUR	4,1800	4,3320	4,1800	154,6600	1	4,3320		37			
Certificate	NL0012684500	SHELL24.01BL OPENB	EUR	3,5050	3,5050	3,5050			3,5050					
Certificate	NL0012565493	SHELL24.01TL OPENH	EUR	4,6900	4,8200	4,6900			4,8200					
Certificate	DE000VL76DE4	SHELL24.22TL OPENV	EUR	3,8270	3,8270	3,8270			3,8270					
Certificate	DE000VL76DC8	SHELL24.64TL OPENV	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	DE000VL76DF1	SHELL24.72TL OPENV	EUR	3,3210	3,3210	3,3210			3,3210					
Certificate	DE000VL8XKU1	SHELL24.95TL OPENV	EUR	2,8800	2,8800	2,8170	216,0000	1	2,8170		75			
Certificate	NL0012779482	SHELL25.02BL OPENB	EUR	2,2600	2,5550	2,2550	3445,0000	4	2,4850	1400				
Certificate	NL0012602809	SHELL25.02TL OPENH	EUR	3,7500	3,8800	3,7500			3,8800					
Certificate	DE000CV88970	SHELL25.05TL OPENZ	EUR	2,8450	2,8450	2,8400			2,8400					
Certificate	DE000VL76DD6	SHELL25.14TL OPENV	EUR	4,0280	4,0280	4,0280			4,0280					
Certificate	DE000VL95488	SHELL25.33TL OPENV	EUR	3,5730	3,5730	3,5730			3,5730					
Certificate	DE000VL97QQ6	SHELL25.46TL OPENV	EUR	2,3130	2,3130	2,3130			2,3130					
Certificate	LU1719708817	SHELL25.74TCIOPENS	EUR	1,8600	2,0900	1,8600	370,1400	1	2,0900		199			
Certificate	DE000VA183M7	SHELL25.84TL OPENV	EUR	3,0920	3,0920	3,0920			3,0920					
Certificate	DE000VA187A3	SHELL25.96TL OPENV	EUR	1,7220	2,0220	1,5790	148,7800	16	1,8120		90			
Certificate	NL0012604508	SHELL26.02TL OPENH	EUR	2,8200	2,9500	2,8200			2,9500					
Certificate	NL0012781421	SHELL26.04BL OPENB	EUR	1,2300	1,6100	1,2300	57719,3600	53	1,4750	39217				
Certificate	LU1719793744	SHELL26.19TCIOPENS	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000VA18661	SHELL26.34TL OPENV	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	DE000VA187C9	SHELL26.46TL OPENV	EUR	1,2005	1,3210	1,1980	305,6500	2	1,3190		250			
Certificate	DE000CV88C12	SHELL26.68TL OPENZ	EUR	0,5950	0,8500	0,5900	4290,5000	6	0,5900	6100				
Certificate	DE000VA1GMM7	SHELL26.84TL OPENV	EUR	2,1690	2,1690	2,1690			2,1690					
Certificate	LU1784831296	SHELL26.91TL OPENS	EUR											
Certificate	DE000VA1GMN5	SHELL26.96TL OPENV	EUR	0,7500	1,0100	0,7500	1547,1600	16	0,8720		1702			
Certificate	NL0012608111	SHELL27.02TL OPENH	EUR											
Certificate	NL0012784904	SHELL27.05BL OPENB	EUR											
Certificate	LU1756377617	SHELL27.08TCIOPENS	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	LU1817373449	SHELL27.11TCIOPENS	EUR											
Certificate	DE000CJ3NM73	SHELL27.11TL OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000VA1GQ87	SHELL27.34TL OPENV	EUR	1,7410	1,7410	1,7410			1,7410					
Certificate	DE000VA1SQ91	SHELL27.47TL OPENV	EUR											
Certificate	NL0012902415	SHELL27.51TL OPENH	EUR											
Certificate	NL0013001704	SHELL28.05BL OPENB	EUR											
Certificate	LU1841029785	SHELL28.92TCIOPENS	EUR	2,0600	2,0600	1,8900	183,3400	1	1,8900		89			
Certificate	DE000VA3TFL2	SHELL29.03TL OPENV	EUR											
Certificate	DE000VA3TK03	SHELL29.53TL OPENV	EUR											
Certificate	LU1841029868	SHELL29.53TCIOPENS	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000VA3THB9	SHELL29.58TS OPENV	EUR											
Certificate	NL0013009061	SHELL29.68BS OPENB	EUR	2,9400	2,9400	2,7150	29400,0000	1	2,7150	10000				
Certificate	DE000VA2T7L9	SHELL30.08TS OPENV	EUR											
Certificate	DE000CE6FHC8	SHELL30.54TS OPENZ	EUR	3,4950	3,5000	3,4900	17,5000	1	3,4900		5			
Certificate	NL0012864896	SHELL30.58TS OPENH	EUR	5,9900	5,9900	5,8700			5,8700					
Certificate	NL0012695597	SHELL30.67BS OPENB	EUR	3,7050	3,7050	3,7050			3,7050					
Certificate	NL0012603708	SHELL30.93TS OPENH	EUR	6,3700	6,3700	6,2500			6,2500					
Certificate	DE000VA15R98	SHELL31.09TS OPENV	EUR	4,8960	4,8960	4,8960			4,8960					
Certificate	DE000VA15R80	SHELL31.23TS OPENV	EUR	3,4960	3,4960	3,4960			3,4960					
Certificate	NL0012615678	SHELL31.51TS OPENH	EUR	6,9900	6,9900	6,8700			6,8700					
Certificate	NL0012783617	SHELL31.66BS OPENB	EUR	4,6950	4,6950	4,6950			4,6950					
Certificate	NL0012608590	SHELL31.95TS OPENH	EUR	7,4700	7,4700	7,3500			7,3500					
Certificate	LU1756830383	SHELL32.18TCIOPENS	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	NL0012606743	SHELL32.43TS OPENH	EUR	7,9900	7,9900	7,8700			7,8700					
Certificate	LU1757001539	SHELL32.47TCIOPENS	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	DE000CV88C20	SHELL32.53TS OPENZ	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	DE000VL5R8S8	SHELL32.57TS OPENV	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	NL0012784961	SHELL32.64BS OPENB	EUR	5,6750	5,6750	5,6750			5,6750					
Certificate	DE000VL5R8Q2	SHELL32.77TS OPENV	EUR	3,9890	3,9890	3,9890			3,9890					
Certificate	NL0012330898	SHELL32.88TS OPENH	EUR	8,4700	8,4700	8,3600			8,3600					
Certificate	LU1784831536	SHELL32.89TS OPENS	EUR											
Certificate	DE000VA15RW0	SHELL33.03TS OPENV	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	DE000VL5R8T6	SHELL33.07TS OPENV	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	DE000CV88UP8	SHELL33.16TS OPENZ	EUR	7,0950	7,1000	7,0950			7,1000					
Certificate	DE000VA15R58	SHELL33.19TS OPENV	EUR	4,9940	4,9940	4,9940			4,9940					
Certificate	DE000VL5R8R0	SHELL33.27TS OPENV	EUR	4,4790	4,4790	4,4790			4,4790					
Certificate	NL0011039763	SHELL33.46TS OPENH	EUR	9,1000	9,1000	8,9800			8,9800					



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	DE000VA1STR6	SHELL33.53TS OPENV	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	DE000VA2T4Z6	SHELL33.58TS OPENV	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	NL0013001761	SHELL33.64BS OPENB	EUR	6,6750	6,6750	6,6750			6,6750					
Certificate	DE000VA1ZCR7	SHELL33.66TS OPENV	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	DE000VA1ZFN9	SHELL34.16TS OPENV	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	NL0012852305	SHELL34.36TS OPENH	EUR	10,0700	10,0700	9,9600			9,9600					
Certificate	DE000VA1ZGP2	SHELL34.46TS OPENV	EUR	8,3800	8,3800	8,3800			8,3800					
Certificate	DE000CV88NL2	SHELL34.53TS OPENZ	EUR	7,4600	7,4700	7,4600			7,4700					
Certificate	NL0012864888	SHELL34.54TS OPENH	EUR	10,2700	10,2700	10,1500			10,1500					
Certificate	NL0013002660	SHELL34.65BS OPENB	EUR	7,6850	7,6850	7,6850			7,6850					
Certificate	DE000VA15NY2	SHELL34.74TS OPENV	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	NL0012849459	SHELL34.85TS OPENH	EUR	10,6000	10,6000	10,4900			10,4900					
Certificate	NL0012433452	SHELL35.02TS OPENH	EUR	10,7800	10,7800	10,6700			10,6700					
Certificate	NL0012432132	SHELL35.03TS OPENH	EUR	10,7900	10,7900	10,6700			10,6700					
Certificate	DE000VA15N50	SHELL35.07TS OPENV	EUR	9,0300	9,0300	9,0300			9,0300					
Certificate	DE000VA15N43	SHELL35.25TS OPENV	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	DE000VA15P41	SHELL35.57TS OPENV	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	DE000VA15RT3	SHELL35.73TS OPENV	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	NL0012330120	SHELL35.78TS OPENH	EUR	11,6000	11,6000	11,4900			11,4900					
Certificate	LU1784831452	SHELL35.88TS OPENS	EUR											
Certificate	NL0012051411	SHELL36.08TS OPENH	EUR	11,9300	11,9300	11,8100			11,8100					
Certificate	DE000CJ3NVQ5	SHELL36.65TS OPENZ	EUR	10,7000	10,7100	10,7000			10,7100					
Certificate	NL0012054183	SHELL37.61TS OPENH	EUR	13,5800	13,5800	13,4700			13,4700					
Certificate	NL0012579361	SHELL39.14TS OPENH	EUR	15,2300	15,2300	15,1100			15,1100					
Certificate	DE000CV89101	SHELL39.52TS OPENZ	EUR	12,4500	12,4600	12,4500			12,4600					
Certificate	NL0012531339	SHELL39.67TS OPENH	EUR	15,8100	15,8100	15,6900			15,6900					
Certificate	NL0012536783	SHELL39.72TS OPENH	EUR	15,8600	15,8600	15,7400			15,7400					
Certificate	NL0012548226	SHELL41.33TS OPENH	EUR	17,6000	17,6000	17,4800			17,4800					
Certificate	NL0012538474	SHELL42.67TS OPENH	EUR	19,0400	19,0400	18,9200			18,9200					
Certificate	NL0012609747	SHELL45.31TS OPENH	EUR	21,8900	21,8900	21,7700			21,7700					
Certificate	NL0012847198	SHELL45.38TS OPENH	EUR	21,9600	21,9600	21,8500			21,8500					
Certificate	DE000CV87KU1	SHOP110.1TL OPENZ	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	DE000CV88KA1	SHOP1120.8TL OPENZ	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	DE000CJ3PDL9	SHOP135.8TL OPENZ	EUR											
Certificate	DE000CJ3NGT0	SHOP189.37TL OPENZ	EUR	2,1750	2,1750	2,1750			2,1750					
Certificate	DE000CV88M77	SHOP199.37TL OPENZ	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	DE000CV4ZJV6	SHP 24.46TL OPENZ	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CV4YZV5	SHP 27.26TL OPENZ	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	DE000CV4YYB0	SHP 29.97TL OPENZ	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000CV885U4	SHP 34.27TL OPENZ	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CV88TE4	SHP 38.53TL OPENZ	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CX0KZA4	SIEME 80TL OPENC	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CX0KZB2	SIEME 90TL OPENC	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0012175590	SIEME 152TS OPENH	EUR	6,3900	6,3900	6,1900			6,1900					
Certificate	NL0009867100	SIEME 37.3TL OPENB	EUR	6,6850	6,6850	6,6850			6,6850					
Certificate	NL0011051156	SIEME 50.5TL OPENH	EUR	5,2200	5,4400	5,2200			5,4400					
Certificate	NL0010444832	SIEME 70.8TL OPENB	EUR	3,5650	3,5650	3,5650			3,5650					
Certificate	NL0013007628	SIEME 74.2BL OPENB	EUR	2,8250	2,8250	2,8250			2,8250					
Certificate	NL0011654686	SIEME 78.7TL OPENB	EUR	2,6000	2,8350	2,6000	1017,7600	2	2,8350	383				
Certificate	NL0011715180	SIEME 81.7TL OPENH	EUR	2,2900	2,5100	2,2900			2,5100					
Certificate	NL0011927066	SIEME 85.1TL OPENH	EUR	1,9800	2,2000	1,9800			2,2000					
Certificate	NL0011911417	SIEME 87.3TL OPENB	EUR	2,0350	2,0350	2,0350			2,0350					
Certificate	NL0011929997	SIEME 89.2TL OPENH	EUR	1,5900	1,8100	1,5900			1,8100					
Certificate	NL0012030696	SIEME 96.8TL OPENB	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	NL0013083199	SIEME 97.1TL OPENH	EUR	0,8600	1,0800	0,8600			1,0800					
Certificate	NL0013087430	SIEME101.1TS OPENH	EUR											
Certificate	NL0013009087	SIEME104.6BS OPENB	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	NL0013083181	SIEME107.1TS OPENH	EUR	1,5800	1,5800	1,3800			1,3800					
Certificate	NL0013007388	SIEME108.9TS OPENB	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	NL0012998652	SIEME114.6BS OPENB	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	NL0012935803	SIEME114.9TS OPENH	EUR	2,4100	2,4100	2,2100			2,2100					
Certificate	NL0012986764	SIEME119.8TS OPENB	EUR	2,7950	2,7950	2,7950			2,7950					
Certificate	NL0012307441	SIEME122.6TS OPENH	EUR	3,2400	3,2400	3,0300			3,0300					
Certificate	NL0012998660	SIEME124.6BS OPENB	EUR	2,3950	2,3950	2,3950			2,3950					
Certificate	NL0012365472	SIEME129.9TS OPENH	EUR	4,0200	4,0200	3,8200			3,8200					
Certificate	NL0011084538	SIEME131.7TS OPENB	EUR	4,2950	4,2950	4,0750			4,0750					
Certificate	NL0012175608	SIEME132.7TS OPENH	EUR	4,3300	4,3300	4,1200			4,1200					
Certificate	NL0012201800	SIEME133.1TS OPENH	EUR	4,3700	4,3700	4,1600			4,1600					
Certificate	DE000CV8A534	SIEME25.31TL OPENZ	EUR	0,8850	0,9850	0,8850			0,9850					
Certificate	DE000CV8A542	SIEME30.31TL OPENZ	EUR	0,3850	0,4850	0,3850			0,4850					
Certificate	DE000CR95NJ3	SIEME65.58TL OPENZ	EUR	6,6900	7,1800	6,6900			7,1800					
Certificate	DE000CF3AFL0	SIEME71.26TL OPENC	EUR	1,5700	1,5700	1,5700			1,5700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CR900B5	SIEME72.96TL OPENZ	EUR	5,2200	5,7100	5,2200			5,7100					
Certificate	DE000CF3AFK2	SIEME76.54TL OPENC	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CN6JU60	SIEME79.85TL OPENZ	EUR	3,8550	4,3450	3,8550			4,3450					
Certificate	NL0012998629	SIEME84.22BL OPENB	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	DE000CN6KKU3	SIEME87.78TL OPENZ	EUR	2,2850	2,7650	2,2850			2,7650					
Certificate	NL0012998637	SIEME94.24BL OPENB	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000CD62JG3	SIEME96.72TL OPENZ	EUR	0,5350	1,0050	0,4800	787,2000	1	1,0050	1640				
Certificate	DE000VN610F4	SILVE LEVOPENV	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	DE000VN610G2	SILVE LEVOPENV	EUR	0,4980	0,4980	0,4710	498,0000	1	0,4710	1000				
Certificate	DE000VN610H0	SILVE LEVOPENV	EUR	0,0440	0,0440	0,0440			0,0440					
Certificate	DE000CE6C1F1	SILVE LEVOPENZ	EUR	7,2400	7,2400	7,2050			7,2050					
Certificate	DE000CE6C1G9	SILVE LEVOPENZ	EUR	1,7920	1,7920	1,7240			1,7240					
Certificate	NL0000293116	SILVE PI OPENN	EUR	13,6000	13,6000	13,3600			13,3600					
Certificate	DE000VN610K4	SILVE SHROPENV	EUR	3,8350	3,8350	3,8350			3,8350					
Certificate	DE000VN610L2	SILVE SHROPENV	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	DE000VN610J6	SILVE SHROPENV	EUR	14,1700	14,1700	14,1700			14,1700					
Certificate	DE000CE6C1H7	SILVE SHROPENZ	EUR	11,6950	12,2350	11,6950			12,2350					
Certificate	DE000CP063U6	SILVE 10TL OPENC	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CV8A3Z9	SILVE 12TL 1218Z	EUR	0,5050	0,5050	0,4850			0,4850					
Certificate	NL00006521304	SILVE 12TL OPENB	EUR	2,8700	2,8800	2,8000	2870,0000	1	2,8000	1000				
Certificate	DE000CP06PX6	SILVE 12TL OPENC	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000CV50941	SILVE 12TL OPENC	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	DE000CV88RF5	SILVE 13TL 1218Z	EUR	0,3250	0,3250	0,3050			0,3050					
Certificate	NL0012691901	SILVE 13TL OPENB	EUR	2,0400	2,0400	2,0200	4692,0000	1	2,0200	2300				
Certificate	DE000CV50M28	SILVE 13TL OPENC	EUR	1,5400	1,5500	1,4900	539,0000	1	1,4900	350				
Certificate	DE000CP063V4	SILVE 13TL OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CJ3NRT7	SILVE 14TL 1218Z	EUR	0,1550	0,1550	0,1350			0,1350					
Certificate	NL0013003700	SILVE 14TL OPENB	EUR	1,3100	1,3100	1,1900	11112,5000	3	1,2000	8906				
Certificate	DE000VAGECT7	SILVE 14TL OPENV	EUR	1,1575	1,1575	1,1575			1,1575					
Certificate	DE000CJ3NZM5	SILVE 15TS 1218Z	EUR											
Certificate	DE000CP063W2	SILVE 15TS OPENC	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CQ5AAH1	SILVE 16TL OPENC	EUR											
Certificate	LU1790505793	SILVE 16TPIOPENS	EUR	1,1200	1,1900	1,1200			1,1900					
Certificate	DE000CV8A9M4	SILVE 16TS 1218Z	EUR	0,2250	0,2450	0,2250			0,2450					
Certificate	DE000CP07CJ1	SILVE 16TS OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CY16QC9	SILVE 17TL OPENC	EUR											
Certificate	DE000CV8A401	SILVE 17TS 1218Z	EUR	0,4050	0,4250	0,4050			0,4250					
Certificate	DE000CQ58PE4	SILVE 17TS OPENC	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	LU1651901578	SILVE 18TPIOPENS	EUR	2,7700	2,8400	2,7700			2,8400					
Certificate	DE000CV88RH1	SILVE 18TS 1218Z	EUR	0,5750	0,5950	0,5750			0,5950					
Certificate	DE000CV523C6	SILVE 18TS OPENC	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000CV88RG3	SILVE 19TS 1218Z	EUR	0,7550	0,7750	0,7550			0,7750					
Certificate	DE000CV0AVW7	SILVE 19TS OPENC	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	DE000CX01EB1	SILVE 19TS OPENC	EUR											
Certificate	DE000CV88RJ7	SILVE 20TS 1218Z	EUR	0,9250	0,9450	0,9250			0,9450					
Certificate	DE000CV0AVX5	SILVE 20TS OPENC	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	DE000CY16QD7	SILVE 21TS OPENC	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	DE000CX0KVS5	SILVE 22TS OPENC	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	NL0011050158	SILVE 23TS OPENH	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	DE000CX0KVR7	SILVE 24TS OPENC	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	NL0011730700	SILVE 25TS OPENH	EUR	10,3200	10,3200	10,3200			10,3200					
Certificate	DE000CX0KVQ9	SILVE 26TS OPENC	EUR	10,9000	10,9000	10,9000			10,9000					
Certificate	DE000CX0KVP1	SILVE 28TS OPENC	EUR	12,7200	12,7200	12,7200			12,7200					
Certificate	DE000CX0KVN6	SILVE 30TS OPENC	EUR	14,5500	14,5500	14,5500			14,5500					
Certificate	DE000CX0KVM8	SILVE 32TS OPENC	EUR	16,3700	16,3700	16,3700			16,3700					
Certificate	NL0013083975	SILVE 14.TRLOPENH	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0012890966	SILVE 14.TRLOPENH	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0011929658	SILVE 29.TRSOPENH	EUR	12,7200	12,7200	12,7200			12,7200					
Certificate	NL0011417639	SILVE 6.5TL OPENH	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	NL0000450229	SILVE 7.9TL OPENB	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	NL0012990311	SILVE 10.1BL OPENB	EUR	4,1300	4,1400	4,0800	8260,0000	1	4,0800	2000				
Certificate	NL0000450245	SILVE 10.2TL OPENB	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	NL0011050315	SILVE 10.3TL OPENH	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	LU1790506171	SILVE 10.5TPIOPENS	EUR	3,5900	3,5900	3,5400			3,5400					
Certificate	NL0000431641	SILVE 10.8TL OPENB	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	DE000CV8B714	SILVE 11.1TL OPENZ	EUR	3,7100	3,7100	3,5900			3,5900					
Certificate	NL0012990535	SILVE 11.4TL OPENB	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	NL0011050307	SILVE 11.4TL OPENH	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000CN6HP10	SILVE 12.1TL OPENZ	EUR	2,3750	2,3750	2,2800			2,2800					
Certificate	NL0011408042	SILVE 12.2TRLOPENH	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	DE000VA7TF22	SILVE 12.3TL OPENV	EUR	2,5995	2,5995	2,5995			2,5995					
Certificate	LU1790506338	SILVE 12.4TPIOPENS	EUR	1,9100	1,9100	1,8500			1,8500					



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	NL001290543	SILVE 12.5TL OPENB	EUR	2,4000	2,4100	2,4000	720,0000	1	2,4100	300				
Certificate	NL0011050299	SILVE 12.5TL OPENH	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	DE000VA6D4H8	SILVE 12.5TL OPENV	EUR	2,4145	2,4145	2,4145			2,4145					
Certificate	DE000CN6HP02	SILVE 12.6TL OPENZ	EUR	1,9300	1,9300	1,8350			1,8350					
Certificate	DE000VA6T1C7	SILVE 12.7TL OPENV	EUR	1,7615	1,7615	1,7615			1,7615					
Certificate	DE000VASREE9	SILVE 12.9TL OPENV	EUR	2,0545	2,0545	2,0545			2,0545					
Certificate	NL0012894257	SILVE 13.1TL OPENH	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000VA6T1D5	SILVE 13.2TL OPENV	EUR	1,3215	1,3215	1,3215			1,3215					
Certificate	NL0010897187	SILVE 13.48L OPENB	EUR	1,2300	1,2300	1,1700	123,0000	1	1,1700	100				
Certificate	DE000VA4Y33	SILVE 13.4TL OPENV	EUR	1,6325	1,6325	1,6325			1,6325					
Certificate	NL0009062306	SILVE 13.5TL OPENB	EUR	1,7000	1,7100	1,6100	5641,1000	2	1,6100	3328				
Certificate	NL0011050281	SILVE 13.6TL OPENH	EUR	1,6000	1,6000	1,5000	2345,0000	3	1,5100	1500				
Certificate	DE000VA6T1E3	SILVE 13.7TL OPENV	EUR	0,8815	0,8815	0,8815			0,8815					
Certificate	DE000VA7PUX5	SILVE 13.8TL OPENV	EUR	1,3335	1,3335	1,3335			1,3335					
Certificate	NL0013083991	SILVE 13.8TRLOPENH	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	NL0013083983	SILVE 13.9TRLOPENH	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	NL0012903033	SILVE 14.1TL OPENH	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000VA711D0	SILVE 14.8TS OPENV	EUR											
Certificate	DE000VA711C2	SILVE 14.8TS OPENV	EUR											
Certificate	NL0012989834	SILVE 15.1TS OPENB	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000VASRJP4	SILVE 15.2TS OPENV	EUR	1,2235	1,2235	1,2235			1,2235					
Certificate	LU1816982414	SILVE 15.5TPIOPENS	EUR	0,7000	0,7600	0,7000			0,7600					
Certificate	NL0012989289	SILVE 15.6TS OPENB	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000VA4Y1X8	SILVE 15.7TS OPENV	EUR	1,6805	1,6805	1,6805			1,6805					
Certificate	DE000VA2T9J9	SILVE 15.9TL OPENV	EUR											
Certificate	NL0012981575	SILVE 16.1TS OPENB	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000VA4Y25	SILVE 16.2TS OPENV	EUR	2,1295	2,1295	2,1295			2,1295					
Certificate	DE000VA6T1B9	SILVE 16.4TS OPENV	EUR	2,3575	2,3575	2,3575			2,3575					
Certificate	LU1790505959	SILVE 16.5TPIOPENS	EUR	1,5600	1,6300	1,5600			1,6300					
Certificate	NL0012975957	SILVE 16.6TS OPENB	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000VA3KSG4	SILVE 16.8TS OPENV	EUR	2,6395	2,6395	2,6395			2,6395					
Certificate	NL0012203004	SILVE 16.9TL OPENH	EUR											
Certificate	NL0012889968	SILVE 16.9TS OPENH	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000VA3KSF6	SILVE 16.9TS OPENV	EUR	2,0035	2,0035	2,0035			2,0035					
Certificate	DE000CV89HY5	SILVE 16.9TS OPENZ	EUR	1,9650	2,0700	1,9650			2,0700					
Certificate	DE000VA3KSH2	SILVE 17.3TS OPENV	EUR	3,1145	3,1145	3,1145			3,1145					
Certificate	DE000CV88FV7	SILVE 17.4TS OPENZ	EUR	2,4000	2,5100	2,4000			2,5100					
Certificate	NL0012551428	SILVE 17.9TS OPENH	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000CE6EU31	SILVE 17.9TS OPENZ	EUR	2,8350	2,9500	2,8350			2,9500					
Certificate	NL0012494819	SILVE 18.2TS OPENB	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	DE000CE6CMQ5	SILVE 18.4TS OPENZ	EUR	3,2750	3,3900	3,2750			3,3900					
Certificate	LU1695121241	SILVE 18.5TPIOPENS	EUR	3,2200	3,2900	3,2200			3,2900					
Certificate	NL0011979588	SILVE 18.5TRSOPEH	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	NL0012053326	SILVE 18.6TRSOPEH	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	NL0012032544	SILVE 18.7TS OPENB	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	NL0012242218	SILVE 18.7TS OPENH	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000VL2FN04	SILVE 18.7TS OPENV	EUR	3,3045	3,3045	3,3045			3,3045					
Certificate	DE000VL2FN12	SILVE 19.2TS OPENV	EUR	3,7265	3,7265	3,7265			3,7265					
Certificate	NL0011974183	SILVE 19.7TS OPENH	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0011979802	SILVE 20.4TS OPENH	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	DE000CD62K30	SILVE 20.5TS OPENZ	EUR	5,8400	5,9500	5,8400			5,9500					
Certificate	NL0011050166	SILVE 21.1TS OPENH	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	NL0011894241	SILVE 22.7TS OPENH	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	NL0011050141	SILVE 26.8TS OPENH	EUR	12,0700	12,0700	12,0700			12,0700					
Certificate	NL0011971338	SILVE 29.1TRSOPEH	EUR	12,8100	12,8100	12,8100			12,8100					
Certificate	NL0011894233	SILVE 29.5TS OPENH	EUR	14,5600	14,5600	14,5600			14,5600					
Certificate	DE000CG33W21	SILVE 34.5TS OPENC	EUR	18,1000	18,1000	18,1000			18,1000					
Certificate	NL0009938992	SILVE 36.6TS OPENB	EUR	21,1000	21,1000	21,1000			21,1000					
Certificate	NL0011417407	SILVE 9.39TRLOPENH	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	DE000CV8AVZ6	SILVE10.08TL OPENZ	EUR	4,1400	4,1400	4,0500			4,0500					
Certificate	DE000CV8B318	SILVE11.09TL OPENZ	EUR	3,2600	3,2600	3,1700			3,1700					
Certificate	NL0012989446	SILVE11.15BL OPENB	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	NL0011408059	SILVE11.64TRLOPENH	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0010897179	SILVE11.65BL OPENB	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0012989164	SILVE12.34BL OPENB	EUR	2,2300	2,2300	2,1000	433,0000	2	2,1100	200				
Certificate	DE000VA6D4J4	SILVE12.44TL OPENV	EUR	1,9725	1,9725	1,9725			1,9725					
Certificate	NL0011408034	SILVE12.77TRLOPENH	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	NL0011521265	SILVE12.83BL OPENB	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000VASRJR0	SILVE12.93TL OPENV	EUR	1,5325	1,5325	1,5325			1,5325					
Certificate	NL0012895775	SILVE12.97TRLOPENH	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0012893077	SILVE13.09TRLOPENH	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CN6GW12	SILVE13.11TL OPENZ	EUR	1,4850	1,4850	1,3900			1,3900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV4Z0D7	SILVE13.14TL OPENZ	EUR	1,6700	1,6700	1,5500			1,5500					
Certificate	NL0011408026	SILVE13.33TRLOPENH	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000VA4YY41	SILVE13.41TL OPENV	EUR	1,0435	1,0435	1,0435			1,0435					
Certificate	LU1790506684	SILVE13.45TCIOPENS	EUR	0,9700	0,9700	0,9200			0,9200					
Certificate	NL0012893630	SILVE13.49TRLOPENH	EUR	1,1700	1,1700	1,0300	585,0000	1	1,0300	500				
Certificate	DE000CN6G9Y2	SILVE13.63TL OPENZ	EUR	1,0350	1,0350	0,9300			0,9300					
Certificate	NL0012893622	SILVE13.69TRLOPENH	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0012905517	SILVE13.73TRLOPENH	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CV8B8C6	SILVE13.87TL OPENZ	EUR	0,8250	0,8250	0,7200			0,7200					
Certificate	NL0011408018	SILVE13.89TRLOPENH	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000VA6ECS9	SILVE13.94TL OPENV	EUR	0,6615	0,6615	0,6615			0,6615					
Certificate	NL0010897195	SILVE13.98BL OPENB	EUR	0,7800	0,7800	0,6500	2936,0000	8	0,6500	4220				
Certificate	NL0013086978	SILVE13.98TRLOPENH	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0012906838	SILVE14.02TRLOPENH	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CJ3NQ87	SILVE14.11TL OPENZ	EUR	0,6150	0,6200	0,5000	1335,5600	2	0,5100	2638				
Certificate	DE000CJ3N2N2	SILVE14.13TL OPENZ	EUR	0,6800	0,6800	0,5600			0,5600					
Certificate	NL0013084742	SILVE14.19TRLOPENH	EUR	0,5600	0,5600	0,4100	3520,8000	6	0,4100	6760				
Certificate	DE000VA7PUZ0	SILVE14.21TL OPENV	EUR	0,4325	0,4325	0,4325			0,4325					
Certificate	NL0013084734	SILVE14.29TRLOPENH	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CJ3N8A6	SILVE14.35TL OPENZ	EUR	0,4000	0,4100	0,3000	18300,0000	5	0,3000	50000				
Certificate	DE000CJ3PD64	SILVE14.91TS OPENZ	EUR											
Certificate	NL0012893069	SILVE14.99TRSOPEH	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000VA6EHN9	SILVE15.07TS OPENV	EUR	0,4725	0,4725	0,4725			0,4725					
Certificate	NL0013083967	SILVE15.08TRSOPEH	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0012890446	SILVE15.09TRSOPEH	EUR	0,4500	0,4800	0,4500	337,0500	1	0,4800	749				
Certificate	NL0012888333	SILVE15.09TRSOPEH	EUR	0,4200	0,4900	0,3700	790,0000	2	0,4900	2000				
Certificate	NL0012938518	SILVE15.09TRSOPEH	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	NL0012989461	SILVE15.16BS OPENB	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CV8AXT5	SILVE15.16TS OPENZ	EUR	0,4350	0,5400	0,4350			0,5400					
Certificate	NL0012938500	SILVE15.19TRSOPEH	EUR	0,5300	0,5700	0,4700	1000,0000	2	0,5700	2000				
Certificate	NL0012937718	SILVE15.19TRSOPEH	EUR	0,4300	0,5700	0,4300	430,0000	1	0,5700	1000				
Certificate	NL0012890941	SILVE15.29TRSOPEH	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000VASRED1	SILVE15.35TS OPENV	EUR	0,6925	0,6925	0,6925			0,6925					
Certificate	NL0012893051	SILVE15.39TRSOPEH	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000CV8AWL4	SILVE15.41TS OPENZ	EUR	0,6550	0,7600	0,6550			0,7600					
Certificate	NL0013084726	SILVE15.48TRSOPEH	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CV8AVQ5	SILVE15.48TS OPENZ	EUR	0,8200	0,9400	0,8200			0,9400					
Certificate	DE000VA6EHQ2	SILVE15.57TS OPENV	EUR	0,9125	0,9125	0,9125			0,9125					
Certificate	DE000CV8ATT3	SILVE15.66TS OPENZ	EUR	0,8750	0,9800	0,8750			0,9800					
Certificate	NL0012989180	SILVE15.67BS OPENB	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	NL0012929962	SILVE15.69TRSOPEH	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000VA4Y09	SILVE15.86TS OPENV	EUR	1,1325	1,1325	1,1325			1,1325					
Certificate	NL0012930556	SILVE15.89TRSOPEH	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CV8A3J3	SILVE15.91TS OPENZ	EUR	1,0900	1,1950	1,0900			1,1950					
Certificate	NL0012930549	SILVE15.99TRSOPEH	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000VA6EHR0	SILVE16.07TS OPENV	EUR	1,3525	1,3525	1,3525			1,3525					
Certificate	NL0012930531	SILVE16.09TRSOPEH	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CV8A8F0	SILVE16.16TS OPENZ	EUR	1,3100	1,4200	1,3100			1,4200					
Certificate	NL0012979629	SILVE16.18BS OPENB	EUR	1,3600	1,4800	1,3600	814,6400	1	1,4800	599				
Certificate	NL0012928816	SILVE16.19TRSOPEH	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	NL0012925523	SILVE16.29TRSOPEH	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000VA4YY17	SILVE16.36TS OPENV	EUR	1,5725	1,5725	1,5725			1,5725					
Certificate	NL0012925515	SILVE16.39TRSOPEH	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CV89PS0	SILVE16.41TS OPENZ	EUR	1,5250	1,6350	1,5250			1,6350					
Certificate	NL0012925507	SILVE16.49TRSOPEH	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000CV89PZ5	SILVE16.49TS OPENZ	EUR	1,8200	1,9400	1,8200			1,9400					
Certificate	DE000VA7TDE3	SILVE16.55TS OPENV	EUR	1,7915	1,7915	1,7915			1,7915					
Certificate	NL0012924096	SILVE16.59TRSOPEH	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	NL0012919302	SILVE16.59TRSOPEH	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	NL0013003536	SILVE16.67BS OPENB	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0012919088	SILVE16.69TRSOPEH	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0012919070	SILVE16.79TRSOPEH	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	NL0012917942	SILVE16.89TRSOPEH	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0012917934	SILVE16.99TRSOPEH	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	LU1790425505	SILVE17.05TCIOPENS	EUR	2,0300	2,1000	2,0300			2,1000					
Certificate	NL0012917926	SILVE17.09TRSOPEH	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0012916449	SILVE17.09TRSOPEH	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0012916431	SILVE17.29TRSOPEH	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0012863401	SILVE17.29TRSOPEH	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0012863393	SILVE17.39TRSOPEH	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0012613004	SILVE17.45TRSOPEH	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	DE000CV89HV1	SILVE17.48TS OPENZ	EUR	2,8200	2,9400	2,8200			2,9400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VL76840	SILVE17.53TS OPENV	EUR	2,4425	2,4425	2,4425			2,4425					
Certificate	NL0012864201	SILVE17.59TRSOPENH	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0012495329	SILVE17.68BS OPENB	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	NL0012863385	SILVE17.69TRSOPENH	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	NL0012863377	SILVE17.79TRSOPENH	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	NL0012863369	SILVE17.89TRSOPENH	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	NL0012612998	SILVE17.95TRSOPENH	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	LU1651918549	SILVE18.05TPIOPENS	EUR	2,8200	2,8900	2,8200			2,8900					
Certificate	NL0012864193	SILVE18.09TRSOPENH	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	DE000VL2FT16	SILVE18.16TS OPENV	EUR	2,8735	2,8735	2,8735			2,8735					
Certificate	NL0012863351	SILVE18.19TRSOPENH	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	NL0012863344	SILVE18.29TRSOPENH	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000CE6CF2	SILVE18.49TS OPENZ	EUR	0,3850	0,3950	0,3850			0,3950					
Certificate	NL0012052906	SILVE18.59TRSOPENH	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	NL0012052617	SILVE18.59TRSOPENH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0012053722	SILVE18.63TRSOPENH	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	NL0012054407	SILVE18.63TRSOPENH	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	NL0011997663	SILVE18.66TRSOPENH	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	NL0011997713	SILVE18.67TRSOPENH	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	NL0011997952	SILVE18.68TRSOPENH	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	NL0012048755	SILVE18.69TRSOPENH	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	NL0012049274	SILVE18.69TRSOPENH	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	NL0012052369	SILVE18.72TRSOPENH	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0012055248	SILVE18.77TRSOPENH	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	NL0012054969	SILVE18.77TRSOPENH	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	DE000CD63755	SILVE18.92TS OPENZ	EUR	3,7250	3,8450	3,7250			3,8450					
Certificate	LU1651918978	SILVE19.05TPIOPENS	EUR	3,6900	3,7600	3,6900			3,7600					
Certificate	DE000CD637R7	SILVE19.42TS OPENZ	EUR	4,1650	4,2800	4,1650			4,2800					
Certificate	NL0011971346	SILVE19.46TRSOPENH	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	DE000CD63815	SILVE19.48TS OPENZ	EUR	4,8200	4,9400	4,8200			4,9400					
Certificate	DE000CD625N0	SILVE19.93TS OPENZ	EUR	4,6150	4,7400	4,6150			4,7400					
Certificate	DE000CD61X44	SILVE20.44TS OPENZ	EUR	5,0600	5,1800	5,0600			5,1800					
Certificate	NL0012864185	SILVE20.48TRSOPENH	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	NL0012095038	SILVE20.54TRSOPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0012092126	SILVE20.54TRSOPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0012090559	SILVE20.54TRSOPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0012095418	SILVE20.54TRSOPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0012096200	SILVE20.55TRSOPENH	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	NL0012095822	SILVE20.55TRSOPENH	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	NL0012097372	SILVE20.56TRSOPENH	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0012096416	SILVE20.56TRSOPENH	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0012172712	SILVE20.56TRSOPENH	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0012200331	SILVE20.58TRSOPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0012181077	SILVE20.58TRSOPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0012195390	SILVE20.58TRSOPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0012200026	SILVE20.58TRSOPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0012173454	SILVE20.58TRSOPENH	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0012198469	SILVE20.58TRSOPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0012916423	SILVE20.58TRSOPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0012195754	SILVE20.58TRSOPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0012176788	SILVE20.58TRSOPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0012199541	SILVE20.58TRSOPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0012196638	SILVE20.58TRSOPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0011421060	SILVE20.85TRSOPENH	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	DE000CD61X51	SILVE20.94TS OPENZ	EUR	5,4900	5,6200	5,4900			5,6200					
Certificate	NL0011417381	SILVE21.07TRSOPENH	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CD61X69	SILVE21.44TS OPENZ	EUR	5,9300	6,0600	5,9300			6,0600					
Certificate	DE000CE6BTC2	SILVE21.48TS OPENZ	EUR	6,8200	6,9300	6,8200			6,9300					
Certificate	DE000CD62171	SILVE21.94TS OPENZ	EUR	6,3700	6,5000	6,3700			6,5000					
Certificate	NL0011734363	SILVE22.01TRSOPENH	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	DE000CD61X77	SILVE22.44TS OPENZ	EUR	6,8100	6,9400	6,8100			6,9400					
Certificate	NL0011417373	SILVE22.95TRSOPENH	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	NL0012916415	SILVE24.07TRSOPENH	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	NL0011735816	SILVE24.89TRSOPENH	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	NL0011888912	SILVE26.82TRSOPENH	EUR	10,8100	10,8100	10,8100			10,8100					
Certificate	NL0011894472	SILVE28.94TRSOPENH	EUR	12,6700	12,6700	12,6700			12,6700					
Certificate	NL0011894993	SILVE28.95TRSOPENH	EUR	12,6800	12,6800	12,6800			12,6800					
Certificate	NL0011896741	SILVE28.96TRSOPENH	EUR	12,6900	12,6900	12,6900			12,6900					
Certificate	NL0011929443	SILVE28.99TRSOPENH	EUR	12,7100	12,7100	12,7100			12,7100					
Certificate	NL0011931878	SILVE29.02TRSOPENH	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	NL0011931084	SILVE29.02TRSOPENH	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	NL0011935077	SILVE29.06TRSOPENH	EUR	12,7700	12,7700	12,7700			12,7700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011970348	SILVE29.08TRSOPENH	EUR	12,7900	12,7900	12,7900			12,7900					
Certificate	NL0011971155	SILVE29.09TRSOPENH	EUR	12,8000	12,8000	12,8000			12,8000					
Certificate	NL0011971676	SILVE29.11TRSOPENH	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	NL0011972922	SILVE29.14TRSOPENH	EUR	12,8500	12,8500	12,8500			12,8500					
Certificate	NL0011973623	SILVE29.15TRSOPENH	EUR	12,8500	12,8500	12,8500			12,8500					
Certificate	NL0011973946	SILVE29.16TRSOPENH	EUR	12,8600	12,8600	12,8600			12,8600					
Certificate	NL0011417415	SILVE7.141TRLOPENH	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	DE000CJ3N1S3	SINA 45.17TL OPENZ	EUR	1,3600	1,4450	1,3600	1400,0000	1	1,4450	1000				
Certificate	DE000CV8ATB1	SINA 53.17TL OPENZ	EUR	0,7000	0,7850	0,7000			0,7850					
Certificate	DE000CD62Z54	SIPF 25.6TL OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	NL0012994123	SIPF 34.7BS OPENB	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	DE000CV8B9F7	SIPF 19.17TL OPENZ	EUR	1,3550	1,3550	1,3550			1,3550					
Certificate	DE000CD62ZT2	SIPF 21.34TL OPENZ	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000CV87LM6	SIPF 23.48TL OPENZ	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	NL0013012008	SIPF 24.09BL OPENB	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0012995369	SIPF 26.08BL OPENB	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	DE000CV87LN4	SIPF 27.69TL OPENZ	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	NL0012994065	SIPF 28.09BL OPENB	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	NL0013013303	SIPF 30.09BL OPENB	EUR	0,2150	0,2150	0,2150			0,2150					
Certificate	DE000CJ3PEX2	SIPF 30.19TL OPENZ	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	NL0012996151	SIPF 31.73BS OPENB	EUR											
Certificate	NL0012978993	SIPF 37.69BS OPENB	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	NL0012979009	SIPF 40.66BS OPENB	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	NL0012979231	SKYBL 1359TL OPENB	EUR	5,2300	5,2300	5,2000			5,2000					
Certificate	DE000CE6CNS9	SLIGR 24.5TL OPENZ	EUR	2,9650	2,9650	2,9650			2,9650					
Certificate	DE000CE6CNR1	SLIGR 27.5TL OPENZ	EUR	2,3950	2,3950	2,3950			2,3950					
Certificate	DE000CE6CQT0	SLIGR21.35TL OPENZ	EUR	3,5550	3,5550	3,5550			3,5550					
Certificate	NL0012982177	SLIGR30.56BL OPENB	EUR	0,8140	0,8140	0,8140			0,8140					
Certificate	DE000CV4ZBG4	SLIGR30.65TL OPENZ	EUR	1,8050	1,8050	1,8050			1,8050					
Certificate	NL0012983613	SLIGR31.54BL OPENB	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	NL0012977664	SLIGR32.57BL OPENB	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	DE000CV8AZH5	SLIGR32.77TL OPENZ	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	NL0012983621	SLIGR33.55BL OPENB	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	DE000CJ3NSR9	SLIGR35.31TL OPENZ	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	NL0013003643	SLIGR35.55BL OPENB	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	NL0012983662	SLIGR40.91BS OPENB	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	NL0013004815	SLIGR44.89BS OPENB	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE0005437461	SMI PI OPENN	EUR	75,6600	75,6600	75,6600			75,6600					
Certificate	NL0010283115	SMI 5930TL OPENB	EUR	25,8300	25,8300	25,8300			25,8300					
Certificate	NL0010286795	SMI 6450TL OPENB	EUR	21,3700	21,3700	21,3700			21,3700					
Certificate	NL0010444196	SMI 6910TL OPENB	EUR	17,4100	17,4100	17,4100			17,4100					
Certificate	NL0012100770	SMI 7730TL OPENB	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	NL0012117881	SMI 8180TL OPENB	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	NL0012980312	SMI 8570TL OPENB	EUR	2,7000	3,2400	2,7000	108,0000	1	3,2400	40				
Certificate	NL0012260434	SMI 9250TS OPENB	EUR	7,4100	7,4100	7,4100			7,4100					
Certificate	NL0012266548	SMI 9630TS OPENB	EUR	10,8600	10,8600	10,8600			10,8600					
Certificate	NL0012790265	SMI 10020TS OPENB	EUR	14,4400	14,4400	14,4400			14,4400					
Certificate	DE000CP06UR8	SNAP 4TL OPENC	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	DE000CJ3N1W5	SNAP 6TL 1218Z	EUR	0,6800	0,9950	0,6800	19200,0000	1	0,9950	20000				
Certificate	DE000CP06PU2	SNAP 6TL OPENC	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	DE000CP06P48	SNAP 6TL OPENC	EUR	0,1000	0,1000	0,0900	5300,0000	2	0,0900	53000				
Certificate	DE000CP07B76	SNAP 8TS OPENC	EUR	0,1400	0,1400	0,1400			0,1400					
Certificate	DE000CP06US6	SNAP 8TS OPENC	EUR	0,0900	0,0900	0,0900			0,0900					
Certificate	DE000CP06KY5	SNAP 10TS OPENC	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CP06LC9	SNAP 10TS OPENC	EUR											
Certificate	DE000CY51170	SNAP 11TL OPENC	EUR											
Certificate	DE000CY524E0	SNAP 12TL OPENC	EUR											
Certificate	DE000CP06305	SNAP 12TS OPENC	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	DE000CP06180	SNAP 12TS OPENC	EUR											
Certificate	DE000CY52N67	SNAP 13TL OPENC	EUR											
Certificate	DE000CQ5BEN9	SNAP 15TS OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CQ5ALB1	SNAP 16TS OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CQ5A1R3	SNAP 22TS OPENC	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CJ3N6L7	SNAP 5.2TL 1218Z	EUR	1,3100	1,6250	1,3100			1,6250					
Certificate	DE000CJ3N6M5	SNAP 5.6TL 1218Z	EUR	0,9700	1,2850	0,9700			1,2850					
Certificate	DE000CJ3N2F8	SNAP 6.4TL 1218Z	EUR	0,3600	0,7350	0,3600			0,7350					
Certificate	DE000CJ3N054	SNAP 4.68TL OPENZ	EUR	1,7400	2,0650	1,7400			2,0650					
Certificate	DE000CJ3N195	SNAP 5.581TL OPENZ	EUR	0,9700	1,2950	0,9700			1,2950					
Certificate	DE000CV8BA89	SNAP 6.191TL OPENZ	EUR	0,5250	0,8550	0,5250			0,8550					
Certificate	DE000CV89W82	SNHG 0.101TL OPENZ	EUR	0,0190	0,0190	0,0190			0,0190					
Certificate	DE000CV88707	SODEX66.57TL OPENZ	EUR	1,0250	1,1800	1,0250			1,1800					
Certificate	DE000CV87JW9	SODEX77.04TL OPENZ	EUR	0,5250	0,6700	0,5250			0,6700					



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	DE000CE6CQV6	SOF 101.4TL OPENZ	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	DE000CE6CNC3	SOF 111.9TL OPENZ	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	DE000CE6CNC5	SOF 122.4TL OPENZ	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000CV88K61	SOF 132.9TL OPENZ	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	NL001298090	SOF 137.98L OPENB	EUR	1,5250	1,5250	1,5250			1,5250					
Certificate	DE000CV892C3	SOF 143.3TL OPENZ	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	NL0012998108	SOF 147.98L OPENB	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	DE000CV8AP67	SOF 153.7TL OPENZ	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0012998116	SOF 157.98L OPENB	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	DE000CJ3NKP0	SOF 164.1TL OPENZ	EUR											
Certificate	NL0012998272	SOF 189.38S OPENB	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	NL0012999056	SOF 209.38S OPENB	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	DE000CE6E127	SOF 81.04TL OPENZ	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	DE000CE6CQW4	SOF 90.76TL OPENZ	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000CJ3PAT8	SOFTB 6536TL OPENZ	EUR	2,1100	2,2500	2,1100			2,2500					
Certificate	DE000CV8AST5	SOFTB 7536TL OPENZ	EUR	1,3900	1,5300	1,3900			1,5300					
Certificate	DE000CV8AJG1	SOFTB 8608TL OPENZ	EUR	0,6000	0,7500	0,6000			0,7500					
Certificate	DE000CV8B2A3	SOFTB 9678TL OPENZ	EUR											
Certificate	DE000CX59GR0	SOGEN 30TL OPENC	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	NL0012431647	SOGEN 47TS OPENH	EUR	2,2700	2,2700	2,2500			2,2500					
Certificate	NL0011642822	SOGEN 17.2TL OPENB	EUR	17,3150	17,3150	17,3150			17,3150					
Certificate	NL0010444097	SOGEN 19.8TL OPENB	EUR	14,9450	14,9450	14,9450			14,9450					
Certificate	NL0012025670	SOGEN 30.4TL OPENB	EUR	5,3150	5,3150	5,3150			5,3150					
Certificate	NL0013011745	SOGEN 32.9TL OPENB	EUR											
Certificate	NL0013014293	SOGEN 35.6TS OPENB	EUR	6,6750	6,6750	6,6750			6,6750					
Certificate	NL0012793632	SOGEN 40.6TS OPENB	EUR	12,2350	12,2350	12,2350			12,2350					
Certificate	NL0012774681	SOGEN 43.5TS OPENB	EUR	15,5250	15,5250	15,5250			15,5250					
Certificate	NL0012581987	SOGEN 50.9TS OPENH	EUR	2,7300	2,7300	2,7100			2,7100					
Certificate	NL0012057756	SOGEN 53.3TS OPENH	EUR	3,0100	3,0100	2,9900			2,9900					
Certificate	NL0012565618	SOGEN 53.8TS OPENH	EUR	3,0700	3,0700	3,0500			3,0500					
Certificate	NL0011226444	SOGEN18.58TL OPENH	EUR	1,6300	1,6600	1,6300			1,6600					
Certificate	DE000CN6J8R5	SOGEN23.37TL OPENZ	EUR	1,8350	1,8900	1,8350			1,8900					
Certificate	NL0011989702	SOGEN29.94TL OPENH	EUR	0,6400	0,6700	0,6400			0,6700					
Certificate	DE000CD63CC5	SOGEN31.05TL OPENZ	EUR	0,3150	0,3800	0,3150			0,3800					
Certificate	NL0013086267	SOGEN33.03TL OPENH	EUR											
Certificate	NL0011995519	SOGEN34.08TL OPENH	EUR											
Certificate	NL0012934814	SOGEN38.87TS OPENH	EUR	1,3200	1,3200	1,2900			1,2900					
Certificate	NL0012934277	SOGEN40.08TS OPENH	EUR	1,4600	1,4600	1,4400			1,4400					
Certificate	NL0012848113	SOGEN41.03TS OPENH	EUR	1,5700	1,5700	1,5500			1,5500					
Certificate	NL0012846737	SOGEN42.02TS OPENH	EUR	1,6900	1,6900	1,6600			1,6600					
Certificate	NL0012846729	SOGEN43.01TS OPENH	EUR	1,8100	1,8100	1,7800			1,7800					
Certificate	NL0012595037	SOGEN44.03TS OPENH	EUR	1,9300	1,9300	1,9000			1,9000					
Certificate	NL0012581235	SOGEN45.96TS OPENH	EUR	2,1500	2,1500	2,1300			2,1300					
Certificate	NL0012582613	SOGEN47.95TS OPENH	EUR	2,3900	2,3900	2,3600			2,3600					
Certificate	NL0012581227	SOGEN48.92TS OPENH	EUR	2,5000	2,5000	2,4700			2,4700					
Certificate	NL0011226378	SOGEN49.25TS OPENH	EUR	2,5400	2,5400	2,5100			2,5100					
Certificate	NL0012581219	SOGEN51.87TS OPENH	EUR	2,8500	2,8500	2,8200			2,8200					
Certificate	NL0012051205	SOGEN54.03TS OPENH	EUR	3,1000	3,1000	3,0800			3,0800					
Certificate	NL0012054241	SOGEN54.16TS OPENH	EUR	3,1200	3,1200	3,0900			3,0900					
Certificate	NL0012331730	SOGEN60.32TS OPENH	EUR	3,8400	3,8400	3,8100			3,8100					
Certificate	NL0012366322	SOGEN60.42TS OPENH	EUR	3,8500	3,8500	3,8200			3,8200					
Certificate	DE000CJ3N3E9	SOHU 11.46TL OPENZ	EUR	1,2700	1,2700	1,0950			1,0950					
Certificate	DE000CJ3N3Y5	SOHU 13.46TL OPENZ	EUR	0,9500	0,9500	0,7750			0,7750					
Certificate	DE000CV8BAG8	SOHU 15.46TL OPENZ	EUR	0,6400	0,6400	0,4550			0,4550					
Certificate	DE000CJ3PBX8	SOHU 17.96TL OPENZ	EUR											
Certificate	NL0010131181	SOLAR 18TL OPENB	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0010285268	SOLAR 25TL OPENB	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000CJ3NNS8	SOLAR 33.6TL OPENZ	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	DE000CV8AF93	SOLAR40.64TL OPENZ	EUR	0,1100	0,1100	0,1100			0,1100					
Certificate	NL0010733838	SOLEE STN1120V	EUR	100,7500	100,8500	100,7500			100,8500					
Certificate	DE000CQ58L14	SOLVA 80TL OPENC	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000CP06XC4	SOLVA 90TL OPENC	EUR	0,7900	1,0200	0,7900	1580,0000	1	1,0200	2000				
Certificate	DE000CX59KY8	SOLVA 100TL OPENC	EUR											
Certificate	DE000CP06MK0	SOLVA 110TL OPENC	EUR											
Certificate	DE000CY16SC5	SOLVA 110TL OPENC	EUR											
Certificate	DE000CP06U66	SOLVA 110TS OPENC	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	DE000CQ58L30	SOLVA 120TS OPENC	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	DE000CQ58XR0	SOLVA 130TS OPENC	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	DE000CQ58XS8	SOLVA 140TS OPENC	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	DE000CE6FCB1	SOLVA 146.TS OPENZ	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	NL00009175983	SOLVA 36.3TL OPENB	EUR	69,5800	69,5800	69,5800			69,5800					
Certificate	NL0010133062	SOLVA 64.9TL OPENB	EUR	41,2500	41,2500	41,2500			41,2500					



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	NL0011913041	SOLVA 83.1TL OPENB	EUR	21,9400	21,9400	21,9400			21,9400					
Certificate	NL0011917083	SOLVA 90.8TL OPENB	EUR	14,7600	14,7600	14,7600			14,7600					
Certificate	NL0012030720	SOLVA 93.3TL OPENB	EUR	12,4200	12,4200	12,4200			12,4200					
Certificate	NL0013014509	SOLVA 95.8TL OPENB	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	NL0013014517	SOLVA 98.3TL OPENB	EUR											
Certificate	NL0012992853	SOLVA102.4BL OPENB	EUR											
Certificate	NL0012978597	SOLVA103.3TL OPENB	EUR											
Certificate	NL0013015753	SOLVA103.5TS OPENB	EUR	12,7900	12,7900	12,7900			12,7900					
Certificate	NL0013011901	SOLVA108.5TS OPENB	EUR	18,1200	18,1200	18,1200			18,1200					
Certificate	NL0013009095	SOLVA110.4BS OPENB	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	NL0013010283	SOLVA113.5TS OPENB	EUR	23,6100	23,6100	23,6100			23,6100					
Certificate	NL0013006000	SOLVA118.5TS OPENB	EUR	28,9800	28,9800	28,9800			28,9800					
Certificate	NL0012993091	SOLVA120.4BS OPENB	EUR	2,2750	2,2750	2,2750			2,2750					
Certificate	NL0012509269	SOLVA123.4TS OPENB	EUR	34,2200	34,2200	34,2200			34,2200					
Certificate	NL0013004997	SOLVA128.5TS OPENB	EUR	39,7400	39,7400	39,7400			39,7400					
Certificate	DE000CE6CP55	SOLVA129.1TS OPENZ	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0012993109	SOLVA130.3BS OPENB	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	DE000CNGEY8	SOLVA67.28TL OPENZ	EUR	29,8700	32,0850	29,8700	1501,7500	2	32,0850	50				
Certificate	DE000CNGJU78	SOLVA75.24TL OPENZ	EUR	24,1750	24,1750	24,1750			24,1750					
Certificate	DE000CNGK933	SOLVA80.21TL OPENZ	EUR	19,2550	19,2550	19,2550			19,2550					
Certificate	DE000CD62DF8	SOLVA85.17TL OPENZ	EUR	14,3500	14,3500	14,3500			14,3500					
Certificate	NL0013014830	SOLVA87.38BL OPENB	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	DE000CD62LE4	SOLVA91.11TL OPENZ	EUR	8,5350	8,5350	8,5350			8,5350					
Certificate	NL0013008766	SOLVA92.38BL OPENB	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000CD63PU9	SOLVA97.05TL OPENZ	EUR											
Certificate	NL0012994750	SOLVA97.39BL OPENB	EUR											
Certificate	NL0010129045	SONY 9.9TL OPENB	EUR	38,8400	38,8400	38,8400			38,8400					
Certificate	NL0010289104	SONY 16.3TL OPENB	EUR	33,7200	33,7200	33,7200			33,7200					
Certificate	DE000CV8AJH9	SONY 4266TL OPENZ	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CV8ASV1	SONY 5327TL OPENZ	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CJ3NKE4	SONY 6387TL OPENZ	EUR											
Certificate	NL0011419395	SOYBN 19.67TL OPENH	EUR	31,0000	31,0000	31,0000			31,0000					
Certificate	NL0012922512	SOYBN 7.5TL OPENH	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0011233366	SOYBN 6.83TL OPENH	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	NL0012922504	SOYBN 7.71TL OPENH	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0011233358	SOYBN 7.91TL OPENH	EUR	1,2100	1,2100	1,1600	717,0000	2	1,1600	600				
Certificate	NL0012922496	SOYBN 8.11TL OPENH	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	NL0012938427	SOYBN 9.19TS OPENH	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	NL0012938419	SOYBN 9.39TS OPENH	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	NL0012922439	SOYBN 9.47TS OPENH	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	NL0012922421	SOYBN 9.67TS OPENH	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0011233283	SOYBN13.17TS OPENH	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	NL0011233275	SOYBN15.04TS OPENH	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	DE0005591325	SP500 PI OPENN	EUR	233,6700	233,6700	233,6700			233,6700					
Certificate	NL0011218656	SP500 STN0320V	EUR											
Certificate	XS1586684836	SP500 STN0323B	USD	107,4000	108,5000	107,4000			108,5000					
Certificate	NL0011218714	SP500 STN0324V	USD											
Certificate	NL0012248074	SP500 STN0723V	USD											
Certificate	NL0010733846	SP500 STN0919V	USD											
Certificate	NL0011218359	SP500 STN1019V	EUR											
Certificate	NL0009065168	SP500 400TL OPENB	EUR	20,3400	20,3400	20,3400			20,3400					
Certificate	NL0009176148	SP500 790TL OPENB	EUR	16,9900	16,9900	16,9900			16,9900					
Certificate	NL0009256056	SP500 880TL OPENB	EUR	16,2100	16,2100	16,2100			16,2100					
Certificate	NL0009560283	SP500 970TL OPENB	EUR	15,4900	15,4900	15,4900			15,4900					
Certificate	NL0011419601	SP500 1054TL OPENH	EUR	14,7400	14,7400	14,7400			14,7400					
Certificate	NL0011420138	SP500 1086TRL OPENH	EUR	14,1600	14,1600	14,1600			14,1600					
Certificate	NL0010001194	SP500 1170TL OPENB	EUR	13,7200	13,7200	13,7200			13,7200					
Certificate	NL0010282406	SP500 1380TL OPENB	EUR	119,7600	119,7600	119,7600			119,7600					
Certificate	NL0011412648	SP500 1408TRL OPENH	EUR	11,3300	11,3300	11,3300			11,3300					
Certificate	NL0010282422	SP500 1420TL OPENB	EUR	114,8400	115,6800	114,8200	229,6800	1	115,6800	2				
Certificate	NL0011047600	SP500 1427TL OPENH	EUR	11,5700	11,5700	11,5700			11,5700					
Certificate	NL0012850978	SP500 1462TRL OPENH	EUR	10,8500	10,8500	10,8500			10,8500					
Certificate	NL0010287975	SP500 1470TL OPENB	EUR	111,6200	111,6200	111,6200			111,6200					
Certificate	NL0012850960	SP500 1513TRL OPENH	EUR	10,4000	10,4000	10,4000			10,4000					
Certificate	NL0011047592	SP500 1516TL OPENH	EUR	10,8200	10,8200	10,8200			10,8200					
Certificate	NL0010288635	SP500 1520TL OPENB	EUR	107,5000	107,5000	107,5000			107,5000					
Certificate	DE000C20HY84	SP500 1527TL OPENZ	EUR	10,0100	10,3000	10,0100			10,3000					
Certificate	DE000CF3AP54	SP500 1543TL OPENC	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	NL0011595202	SP500 1550TL OPENH	EUR	10,5200	10,5200	10,5200			10,5200					
Certificate	NL0011047295	SP500 1590TRL OPENH	EUR	9,7300	9,7300	9,7300			9,7300					
Certificate	DE000CC5KHU4	SP500 1600TL OPENC	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	NL0011047584	SP500 1605TL OPENH	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	NL0011047576	SP500 1649TL OPENH	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	NL0011602644	SP500 1681TL OPENH	EUR	9,4100	9,4100	9,4100			9,4100					
Certificate	NL0011047287	SP500 1682TRLOPENH	EUR	8,9200	8,9200	8,9200			8,9200					
Certificate	NL0011047568	SP500 1694TL OPENH	EUR	9,3100	9,3100	9,3100			9,3100					
Certificate	DE000CN6JQK3	SP500 1696TL OPENZ	EUR	8,5300	8,8100	8,5300			8,8100					
Certificate	DE000CX00PP9	SP500 1700TL OPENC	EUR	8,4600	8,4600	8,4600			8,4600					
Certificate	NL0011596812	SP500 1714TL OPENH	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	NL0011596804	SP500 1725TL OPENH	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	NL0011047279	SP500 1728TRLOPENH	EUR	8,5100	8,5100	8,5100			8,5100					
Certificate	NL0011047550	SP500 1738TL OPENH	EUR	8,9300	8,9300	8,9300			8,9300					
Certificate	NL0011595194	SP500 1757TL OPENH	EUR	8,7700	8,7700	8,7700			8,7700					
Certificate	DE000CZ22FSK2	SP500 1762TL OPENZ	EUR	7,9650	8,2450	7,9650			8,2450					
Certificate	NL0011595186	SP500 1768TL OPENH	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	NL0011047261	SP500 1774TRLOPENH	EUR	8,1100	8,1100	8,1100			8,1100					
Certificate	NL0011047543	SP500 1782TL OPENH	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	NL0011637566	SP500 1786BL OPENB	EUR	16,2000	16,2000	16,2000			16,2000					
Certificate	DE000CF809E8	SP500 1797TL OPENC	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	NL0010609400	SP500 1800TL OPENB	EUR	83,4600	83,4600	83,4600			83,4600					
Certificate	DE000CC5KHW0	SP500 1800TL OPENC	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	NL0011593330	SP500 1801TL OPENH	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	NL0011592712	SP500 1812TL OPENH	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	NL0011047253	SP500 1820TRLOPENH	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	NL0011047535	SP500 1827TL OPENH	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	NL0011602636	SP500 1844TL OPENH	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	NL0011603071	SP500 1856TL OPENH	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	NL0011603063	SP500 1867TL OPENH	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	NL0011047246	SP500 1867TRLOPENH	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	NL0011603055	SP500 1878TL OPENH	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	NL0011605845	SP500 1888TL OPENH	EUR	7,6500	7,6500	7,6500			7,6500					
Certificate	NL0011605837	SP500 1899TL OPENH	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	DE000CX00LK9	SP500 1900TL OPENC	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	DE000CX00L48	SP500 1900TL OPENC	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0011605829	SP500 1910TL OPENH	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	DE000CZ70SD1	SP500 1918TL OPENZ	EUR	6,5900	6,8600	6,5900			6,8600					
Certificate	NL0011606082	SP500 1921TL OPENH	EUR	7,3700	7,3700	7,3700			7,3700					
Certificate	NL0012850952	SP500 1922TRLOPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	NL0011705694	SP500 1933TL OPENH	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	NL0011650700	SP500 1943BL OPENB	EUR	13,4200	13,4200	13,4200			13,4200					
Certificate	NL0011700885	SP500 1943TL OPENH	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	DE000CR9Q138	SP500 1952TL OPENZ	EUR	6,2950	6,5650	6,2950			6,5650					
Certificate	NL0011700877	SP500 1954TL OPENH	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	NL0011695036	SP500 1957TRLOPENH	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	NL0011705686	SP500 1965TL OPENH	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	NL0011652649	SP500 1966BL OPENB	EUR	13,0300	13,0300	13,0300			13,0300					
Certificate	NL0011705678	SP500 1976TL OPENH	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	DE000CN6JT71	SP500 1985TL OPENZ	EUR	6,0000	6,2800	6,0000			6,2800					
Certificate	NL0011705660	SP500 1987TL OPENH	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	NL0011705652	SP500 1998TL OPENH	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	NL0012850945	SP500 1999TRLOPENH	EUR	6,1300	6,1300	6,1300			6,1300					
Certificate	NL0011657168	SP500 2000TL OPENB	EUR	66,6300	66,6300	66,6300			66,6300					
Certificate	DE000CX59W11	SP500 2000TL OPENC	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	DE000CX591S0	SP500 2000TL OPENC	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	NL0011705645	SP500 2008TL OPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	DE000CN6JZ45	SP500 2018TL OPENZ	EUR	5,7250	5,9950	5,7250			5,9950					
Certificate	NL0011716089	SP500 2019TL OPENH	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0012850937	SP500 2025TRLOPENH	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	NL0011716071	SP500 2030TL OPENH	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	NL0011892757	SP500 2049TL OPENH	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000CJ3NU08	SP500 2050TL 1218Z	EUR	5,4500	5,7200	5,4500			5,7200					
Certificate	DE000CN6K453	SP500 2050TL OPENC	EUR	5,4300	5,7000	5,4300			5,7000					
Certificate	NL0011723630	SP500 2053TRLOPENH	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	NL0011892740	SP500 2059TL OPENH	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	NL0011723622	SP500 2064TRLOPENH	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	NL0011893417	SP500 2070TL OPENH	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	NL0011723614	SP500 2075TRLOPENH	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	NL0011893409	SP500 2081TL OPENH	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	DE000CN6K826	SP500 2082TL OPENC	EUR	5,1500	5,4200	5,1500			5,4200					
Certificate	NL0011723606	SP500 2086TRLOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	NL0011716329	SP500 2089TRLOPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	NL0011715875	SP500 2090TRLOPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	NL0011893391	SP500 2092TL OPENH	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	DE000CX59M05	SP500 2100TL OPENC	EUR	4,7400	4,7400	4,7400			4,7400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CX59RU1	SP500 2100TL OPENC	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	NL0011893383	SP500 2103TL OPENH	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	NL0011894134	SP500 2113TL OPENH	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CN6KE18	SP500 2114TL OPENZ	EUR	4,8750	5,1450	4,8750			5,1450					
Certificate	NL0011894126	SP500 2124TL OPENH	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	NL0012850929	SP500 2127TRLOPENH	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	NL0011992771	SP500 2141TL OPENH	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	DE000CN6KM75	SP500 2146TL OPENZ	EUR	4,5950	4,8650	4,5950			4,8650					
Certificate	NL0011992763	SP500 2152TL OPENH	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	NL0012850911	SP500 2153TRLOPENH	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	NL0011992755	SP500 2163TL OPENH	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0011993290	SP500 2173TL OPENH	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	DE000CD61V87	SP500 2178TL OPENZ	EUR	4,3150	4,5850	4,3150			4,5850					
Certificate	NL0011993282	SP500 2184TL OPENH	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	NL0011716543	SP500 2186TS OPENH	EUR											
Certificate	NL0011993274	SP500 2194TL OPENH	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	NL0011994918	SP500 2198TRLOPENH	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	DE000CX59Z67	SP500 2200TL OPENC	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	DE000CX59Y76	SP500 2200TL OPENC	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	NL0011996251	SP500 2206TL OPENH	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	NL0011890959	SP500 2206TS OPENH	EUR											
Certificate	DE000CD61WY1	SP500 2209TL OPENZ	EUR	4,0450	4,3150	4,0450			4,3150					
Certificate	NL0011996939	SP500 2216TL OPENH	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	NL0012240469	SP500 2227TL OPENH	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	NL0012850903	SP500 2229TRLOPENH	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	NL0011997457	SP500 2237TL OPENH	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	DE000CD63MF7	SP500 2241TL OPENZ	EUR	3,7650	4,0350	3,7650			4,0350					
Certificate	NL0012206577	SP500 2248TL OPENH	EUR	4,4500	4,6000	4,4500	9030,0000	2	4,6000	2000				
Certificate	DE000CV8ACC5	SP500 2250TL 1218Z	EUR	3,7050	3,9650	3,7050			3,9650					
Certificate	NL0012039283	SP500 2251BL OPENB	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	NL0012850895	SP500 2255TRLOPENH	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	NL0012050371	SP500 2262TL OPENH	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	DE000CD63MG5	SP500 2272TL OPENZ	EUR	3,4950	3,7550	3,4950			3,7550					
Certificate	NL0013008279	SP500 2273BL OPENB	EUR	7,6300	7,6300	7,6300			7,6300					
Certificate	NL0012050363	SP500 2273TL OPENH	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	NL0012850887	SP500 2281TRLOPENH	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	NL0012051288	SP500 2285TL OPENH	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	NL0012054985	SP500 2299TL OPENH	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	NL0012107197	SP500 2300TL OPENB	EUR	40,8000	40,8000	40,8000			40,8000					
Certificate	DE000CY16G61	SP500 2300TL OPENC	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	DE000CY16BN8	SP500 2300TL OPENC	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000CD63T63	SP500 2304TL OPENZ	EUR	3,2150	3,4850	3,2150			3,4850					
Certificate	LU1840978347	SP500 2307TCIOPENS	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	NL0012057327	SP500 2315TL OPENH	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	NL0012090542	SP500 2318TRLOPENH	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	DE000VL9VU32	SP500 2320TL OPENV	EUR	2,8730	3,0900	2,8625	2341,0000	3	3,0755	800				
Certificate	NL0012055479	SP500 2322TRLOPENH	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	NL0012055230	SP500 2322TRLOPENH	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	NL0012054951	SP500 2323TRLOPENH	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	NL0012094841	SP500 2325TL OPENH	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	NL0012053318	SP500 2325TRLOPENH	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	NL0012052062	SP500 2326TRLOPENH	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0013008261	SP500 2333BL OPENB	EUR	6,5700	6,5700	6,5700			6,5700					
Certificate	DE000CD63ZY0	SP500 2335TL OPENZ	EUR	2,9450	3,2050	2,9450			3,2050					
Certificate	NL0012174999	SP500 2343TL OPENH	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	NL0012174981	SP500 2353TL OPENH	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0012850879	SP500 2357TRLOPENH	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0012174973	SP500 2364TL OPENH	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000CD64F68	SP500 2366TL OPENZ	EUR	2,6750	2,9350	2,6750	330,0000	2	2,9350	115				
Certificate	NL0012207708	SP500 2374TL OPENH	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	NL0012850861	SP500 2383TRLOPENH	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	NL0012207690	SP500 2385TL OPENH	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	NL0013008253	SP500 2393BL OPENB	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	NL0012213888	SP500 2396TL OPENH	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000CE6BHQ7	SP500 2397TL OPENZ	EUR	2,4050	2,6650	2,4050			2,6650					
Certificate	DE000CY50MN4	SP500 2400TL OPENC	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CY50LN6	SP500 2400TL OPENC	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	NL0012213870	SP500 2406TL OPENH	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	LU1840978420	SP500 2407TCIOPENS	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	NL0012306427	SP500 2417TL OPENH	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	NL0012306419	SP500 2427TL OPENH	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	DE000CE6BLV9	SP500 2428TL OPENZ	EUR	2,1350	2,3950	2,1350			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	NL0012306229	SP500 2433TRLOPENH	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	NL0012242374	SP500 2434TRLOPENH	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0012239800	SP500 2435TRLOPENH	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0012243711	SP500 2435TRLOPENH	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0012239016	SP500 2436TRLOPENH	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0012306971	SP500 2438TL OPENH	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0012272181	SP500 2440TL OPENB	EUR	28,6500	28,6500	28,6500			28,6500					
Certificate	NL0012307375	SP500 2448TL OPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000CV8ACD3	SP500 2450TL 1218Z	EUR	1,9550	2,2150	1,9550			2,2150					
Certificate	NL0013008246	SP500 2454BL OPENB	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CE6C097	SP500 2459TL OPENZ	EUR	1,8650	2,1250	1,8650	3164,5000	2	2,1250	1550				
Certificate	NL0012435192	SP500 2467TL OPENH	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	NL0013008238	SP500 2474BL OPENB	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	NL0012435184	SP500 2477TL OPENH	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	NL0012850853	SP500 2485TRLOPENH	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0012437636	SP500 2489TL OPENH	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000VL61T96	SP500 2489TL OPENV	EUR	1,3220	1,5145	1,3195	2503,8000	2	1,5145	1800				
Certificate	DE000CE6DC25	SP500 2489TL OPENZ	EUR	1,5950	1,8550	1,5950	164,3400	1	1,8550	99				
Certificate	NL0012494173	SP500 2493BL OPENB	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	DE000CP64M1	SP500 2500TL OPENC	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000CP07BX4	SP500 2500TL OPENC	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000CV51WS0	SP500 2500TL OPENC	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	DE000CV51W67	SP500 2500TL OPENC	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	NL0012516892	SP500 2500TL OPENH	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	LU1719609676	SP500 2508TCIOPENS	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0012516884	SP500 2511TL OPENH	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0012850846	SP500 2511TRLOPENH	EUR	1,5400	1,6300	1,5400	154,0000	1	1,6300	100				
Certificate	NL0012498893	SP500 2514BL OPENB	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	DE000VL9VVA2	SP500 2520TL OPENV	EUR	1,2775	1,2775	1,2775			1,2775					
Certificate	DE000CE6EC66	SP500 2520TL OPENZ	EUR	1,3250	1,5850	1,3250			1,5850					
Certificate	NL0012517676	SP500 2522TL OPENH	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	NL0012499859	SP500 2530TL OPENB	EUR	21,5200	21,5200	21,5200			21,5200					
Certificate	NL0012550149	SP500 2532TL OPENH	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	NL0012523468	SP500 2537TRLOPENH	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000VL76G37	SP500 2539TL OPENV	EUR	1,0605	1,0605	1,0605			1,0605					
Certificate	NL0012522841	SP500 2542TL OPENH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CV8ACE1	SP500 2550TL 1218Z	EUR	1,0850	1,3350	1,0850			1,3350					
Certificate	DE000CE6EXF1	SP500 2551TL OPENZ	EUR	1,0650	1,3150	1,0650	928,0000	1	1,3150	800				
Certificate	NL0012502694	SP500 2555BL OPENB	EUR	2,4200	2,6700	2,4100	121,0000	1	2,6700	50				
Certificate	NL0012524938	SP500 2561TL OPENH	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	NL0012573596	SP500 2563TL OPENH	EUR											
Certificate	DE000VA1GKS8	SP500 2571TL OPENV	EUR	0,6940	0,8465	0,6940	1810,0000	2	0,8415	2500				
Certificate	NL0012573588	SP500 2573TL OPENH	EUR											
Certificate	NL0012573612	SP500 2574TL OPENH	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0012508279	SP500 2576BL OPENB	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	NL0012599658	SP500 2580TRLOPENH	EUR											
Certificate	DE000CE6F082	SP500 2581TL OPENZ	EUR	0,7950	1,0450	0,7950			1,0450					
Certificate	NL0012573570	SP500 2583TL OPENH	EUR											
Certificate	NL0012573604	SP500 2584TL OPENH	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	NL0012850838	SP500 2587TRLOPENH	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	NL0012779078	SP500 2590TL OPENB	EUR	16,0500	16,0500	16,0500			16,0500					
Certificate	NL0012850820	SP500 2598TRLOPENH	EUR	0,6900	0,8800	0,6900	103,5000	1	0,8800	150				
Certificate	DE000CQ5AXY8	SP500 2600TL OPENC	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CQ5B1U6	SP500 2600TL OPENC	EUR	0,4700	0,6000	0,3600	1470,9100	6	0,5700	3398				
Certificate	NL0012601603	SP500 2601TL OPENH	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000VA1ZE39	SP500 2601TL OPENV	EUR	0,6205	0,6205	0,6205			0,6205					
Certificate	NL0012850812	SP500 2608TRLOPENH	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0012779680	SP500 2610TL OPENB	EUR	12,5500	14,3200	12,5300	12685,0000	2	14,3200	1000				
Certificate	NL0012601595	SP500 2611TL OPENH	EUR	1,3300	1,5600	1,3300	934,4500	7	1,5100	665				
Certificate	DE000CV507A6	SP500 2611TL OPENZ	EUR	0,5350	0,7850	0,5350			0,7850					
Certificate	LU1756867203	SP500 2613TCIOPENS	EUR											
Certificate	NL0012780076	SP500 2616BL OPENB	EUR	1,4200	1,6200	1,4200	1216,0000	2	1,6000	800				
Certificate	NL0012614556	SP500 2619TRLOPENH	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	NL0012610984	SP500 2621TRLOPENH	EUR	0,5400	0,7000	0,5400	1185,0000	3	0,6800	2000				
Certificate	NL0012846554	SP500 2626TL OPENH	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000VA15NV8	SP500 2626TL OPENV	EUR											
Certificate	NL0012603450	SP500 2626TRLOPENH	EUR	0,5400	0,6500	0,5400	113,0500	2	0,6400	190				
Certificate	NL0012611453	SP500 2630TL OPENH	EUR											
Certificate	NL0012846943	SP500 2636TL OPENH	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	NL0012850804	SP500 2639TRLOPENH	EUR	0,3200	0,5900	0,3200	2062,6500	6	0,5300	4430				
Certificate	DE000CV88A89	SP500 2641TL OPENZ	EUR	0,2750	0,5250	0,2750	76,0000	2	0,5250	200				
Certificate	NL0012846935	SP500 2646TL OPENH	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	NL0012850796	SP500 2649TRLOPENH	EUR	0,2500	0,4600	0,2500	676,0000	4	0,4500	2000				
Certificate	DE000CV8ACF8	SP500 2650TL 1218Z	EUR	0,2250	0,4000	0,2250	480,0000	2	0,4000	1280				
Certificate	DE000VA15NW6	SP500 2651TL OPENV	EUR											
Certificate	NL0012789341	SP500 2656BL OPENB	EUR											
Certificate	NL0012846927	SP500 2656TL OPENH	EUR											
Certificate	NL0012788970	SP500 2660TL OPENB	EUR											
Certificate	NL0013083728	SP500 2662TRLOPENH	EUR											
Certificate	NL0012847933	SP500 2666TL OPENH	EUR											
Certificate	DE000CV88QN1	SP500 2671TL OPENZ	EUR											
Certificate	NL0012789358	SP500 2677BL OPENB	EUR											
Certificate	NL0012851422	SP500 2677TL OPENH	EUR											
Certificate	NL0012861678	SP500 2679TRLOPENH	EUR											
Certificate	NL0013010721	SP500 2680TL OPENB	EUR											
Certificate	DE000VA275V2	SP500 2680TL OPENV	EUR											
Certificate	NL0012851414	SP500 2687TL OPENH	EUR											
Certificate	NL0012861660	SP500 2690TRLOPENH	EUR											
Certificate	NL0012969810	SP500 2697BL OPENB	EUR											
Certificate	NL0012851406	SP500 2698TL OPENH	EUR											
Certificate	NL0012269682	SP500 2700BOC1218B	EUR	23,4900	23,6300	23,4900			23,6300					
Certificate	NL0013011505	SP500 2700TL OPENB	EUR											
Certificate	DE000CQ58JN8	SP500 2700TL OPENC	EUR											
Certificate	DE000CP06YK5	SP500 2700TL OPENC	EUR											
Certificate	DE000CP07BY2	SP500 2700TL OPENC	EUR											
Certificate	DE000CV89UL5	SP500 2700TL OPENZ	EUR											
Certificate	NL0012910806	SP500 2705TRLOPENH	EUR											
Certificate	NL0012910244	SP500 2706TRLOPENH	EUR											
Certificate	NL0012864169	SP500 2707TRLOPENH	EUR											
Certificate	NL0012863252	SP500 2708TRLOPENH	EUR											
Certificate	NL0013013139	SP500 2717BL OPENB	EUR											
Certificate	NL0013011513	SP500 2720TL OPENB	EUR											
Certificate	NL0013084650	SP500 2722TRLOPENH	EUR											
Certificate	LU1841152124	SP500 2725TCIOPENS	EUR											
Certificate	DE000VA71XX6	SP500 2728TL OPENV	EUR											
Certificate	DE000CJ3PCW8	SP500 2730TL OPENZ	EUR											
Certificate	NL0013084643	SP500 2732TRLOPENH	EUR											
Certificate	NL0013084635	SP500 2742TRLOPENH	EUR											
Certificate	NL0013012560	SP500 2750TL OPENB	EUR											
Certificate	NL0013084957	SP500 2752TL OPENH	EUR											
Certificate	NL0013084627	SP500 2752TRLOPENH	EUR											
Certificate	DE000VA71XZ1	SP500 2753TL OPENV	EUR											
Certificate	DE000VA8FU36	SP500 2794TS OPENV	EUR	0,9035	0,9035	0,9035			0,9035					
Certificate	DE000CJ3PHF2	SP500 2794TS OPENZ	EUR	1,1550	1,1550	0,8500	3620,0000	2	0,9150	4000				
Certificate	NL0012991921	SP500 2795BL OPENB	EUR											
Certificate	DE000CQ5AM71	SP500 2800TS OPENC	EUR											
Certificate	DE000CQ5ADY0	SP500 2800TS OPENC	EUR											
Certificate	LU1841151746	SP500 2810TPIOPENS	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0013083710	SP500 2810TRSOPENH	EUR											
Certificate	NL0012992200	SP500 2815BL OPENB	EUR											
Certificate	NL0013010499	SP500 2817BS OPENB	EUR	2,7600	2,7800	2,2300	30047,0000	16	2,3700	11835				
Certificate	DE000VASRNA8	SP500 2819TL OPENV	EUR											
Certificate	NL0013085269	SP500 2819TS OPENH	EUR	2,2500	2,2500	1,9300	7168,1000	8	2,0100	3390				
Certificate	DE000VA8FU77	SP500 2819TS OPENV	EUR	1,1175	1,1175	1,1175			1,1175					
Certificate	NL0013010804	SP500 2820TS OPENB	EUR	14,3900	14,3900	14,3900			14,3900					
Certificate	NL0013082340	SP500 2824TRSOPENH	EUR	1,3700	1,3700	1,1300	18803,2300	15	1,1600	15427				
Certificate	DE000CJ3N4X7	SP500 2824TS OPENZ	EUR	1,4250	1,4250	1,1750	3213,0000	5	1,1750	2440				
Certificate	NL0013010507	SP500 2837BS OPENB	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	NL0013009533	SP500 2840TS OPENB	EUR	16,1600	16,1600	16,1600			16,1600					
Certificate	DE000VA71ME9	SP500 2845TS OPENV	EUR	1,3365	1,3365	1,3365			1,3365					
Certificate	NL0013081128	SP500 2848TRSOPENH	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0013081540	SP500 2849TS OPENH	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000CJ3N6E2	SP500 2850TS 1218Z	EUR	1,6350	1,6500	1,3400	20789,0000	4	1,4050	14350				
Certificate	DE000CJ3N7U6	SP500 2854TS OPENZ	EUR	1,6850	1,6850	1,4450			1,4450					
Certificate	NL0013010515	SP500 2857BS OPENB	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0013083702	SP500 2859TRSOPENH	EUR	1,6100	1,6100	1,4700	322,0000	1	1,4700	200				
Certificate	NL0013009541	SP500 2860TS OPENB	EUR	17,9400	17,9400	17,9400			17,9400					
Certificate	DE000VA71MH2	SP500 2870TS OPENV	EUR	1,5565	1,5565	1,5565			1,5565					
Certificate	NL0013081110	SP500 2873TRSOPENH	EUR	1,6400	1,6400	1,5900	246,0000	1	1,5900	150				
Certificate	NL0013008568	SP500 2876BS OPENB	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	NL0013009558	SP500 2880TS OPENB	EUR	19,7200	19,7200	19,7200			19,7200					
Certificate	DE000CJ3N4Y5	SP500 2884TS OPENZ	EUR	1,9450	1,9450	1,7050	412,7300	2	1,7050	233				
Certificate	NL0013084619	SP500 2889TRSOPENH	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000VA71MM2	SP500 2895TS OPENV	EUR	1,7755	1,7755	1,7755			1,7755					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013008576	SP500 2896BS OPENB	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	NL0013009566	SP500 2900TS OPENB	EUR	21,4900	21,4900	21,4900			21,4900					
Certificate	DE000CP07829	SP500 2900TS OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0013081102	SP500 2908TRSOPENH	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	DE000CJ3N7V4	SP500 2914TS OPENZ	EUR	2,2050	2,2050	1,9650			1,9650					
Certificate	NL0013008584	SP500 2916BS OPENB	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	NL0013084601	SP500 2919TRSOPENH	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	NL0013009574	SP500 2920TS OPENB	EUR	24,8800	24,9000	23,2700	30822,5000	2	23,2700	1250				
Certificate	DE000VA71MQ3	SP500 2920TS OPENV	EUR	1,9955	1,9955	1,9955			1,9955					
Certificate	NL0013084593	SP500 2929TRSOPENH	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	NL0012987564	SP500 2936BS OPENB	EUR	4,9200	4,9300	4,4700	24600,0000	1	4,4700	5000				
Certificate	NL0012552368	SP500 2938TS OPENH	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	NL0013006497	SP500 2940TS OPENB	EUR	25,0300	25,0300	25,0300			25,0300					
Certificate	DE000CE6FOU9	SP500 2944TS OPENZ	EUR	2,4650	2,4650	2,2250	11500,0000	1	2,2250	5000				
Certificate	NL0012893028	SP500 2949TRSOPENH	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CJ3N1V7	SP500 2950TS 1218Z	EUR	2,5050	2,5050	2,2750	240,0000	1	2,2750	100				
Certificate	NL0012563506	SP500 2958TS OPENH	EUR	3,3600	3,3600	3,2700	1008,0000	1	3,2700	300				
Certificate	NL0012893010	SP500 2959TRSOPENH	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	NL0012676878	SP500 2960TS OPENB	EUR	32,0500	32,0500	32,0500			32,0500					
Certificate	DE000CE6F470	SP500 2975TS OPENZ	EUR	2,7350	2,7350	2,4950			2,4950					
Certificate	NL0012992234	SP500 2976BS OPENB	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	NL0012552350	SP500 2978TS OPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	NL0012245831	SP500 2980TRSOPENH	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000VL61HP3	SP500 2989TS OPENV	EUR	2,2155	2,2155	2,2155			2,2155					
Certificate	NL0012993414	SP500 2990TS OPENB	EUR	35,4500	35,4900	33,9900	13888,0000	2	34,5200	400				
Certificate	DE000VA15NU0	SP500 2994TS OPENV	EUR	2,4565	2,4565	2,4565			2,4565					
Certificate	NL0012992242	SP500 2996BS OPENB	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0012893002	SP500 2998TRSOPENH	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0012552343	SP500 2998TS OPENH	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	NL0013003197	SP500 3000TS OPENB	EUR	31,1300	31,1300	30,2300	3113,0000	1	30,2300	100				
Certificate	DE000CY52F59	SP500 3000TS OPENC	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	DE000CQ58B08	SP500 3000TS OPENC	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000CE6FD31	SP500 3004TS OPENZ	EUR	2,9950	2,9950	2,7550			2,7550					
Certificate	LU1756869597	SP500 3008TPIOPENS	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0012893507	SP500 3009TRSOPENH	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0012850697	SP500 3010TRSOPENH	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	NL0011420484	SP500 3011TS OPENH	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	NL0013001027	SP500 3016BS OPENB	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	NL0012892996	SP500 3028TRSOPENH	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	NL0012850689	SP500 3035TRSOPENH	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000CV4YQW2	SP500 3035TS OPENZ	EUR	3,2650	3,2650	3,0250			3,0250					
Certificate	NL0012555296	SP500 3038TS OPENH	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000VA2T8N3	SP500 3038TS OPENV	EUR	2,8845	2,8845	2,8845			2,8845					
Certificate	DE000CV8ACG6	SP500 3050TS 1218Z	EUR	3,3850	3,3850	3,1550			3,1550					
Certificate	NL0012563498	SP500 3058TS OPENH	EUR	4,2900	4,2900	4,1800	858,0000	1	4,1800	200				
Certificate	NL0012850671	SP500 3060TRSOPENH	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000CV4YQV4	SP500 3065TS OPENZ	EUR	3,5250	3,5250	3,2900	67,2000	2	3,2950	20				
Certificate	DE000VA4YR16	SP500 3083TS OPENV	EUR	3,3185	3,3185	3,3185			3,3185					
Certificate	NL0012850663	SP500 3084TRSOPENH	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	NL0012894042	SP500 3093TS OPENH	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CV4YX55	SP500 3095TS OPENZ	EUR	3,7850	3,7850	3,5550			3,5550					
Certificate	LU1817097584	SP500 3100TPIOPENS	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000CY52SA4	SP500 3100TS OPENC	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0012894588	SP500 3113TS OPENH	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	DE000CV423J8	SP500 3126TS OPENZ	EUR	4,0650	4,0650	3,8250			3,8250					
Certificate	DE000VA4Y1W0	SP500 3131TS OPENV	EUR	3,7555	3,7555	3,7555			3,7555					
Certificate	NL0012517874	SP500 3133TRSOPENH	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	NL0012894034	SP500 3133TS OPENH	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	DE000CV8ACH4	SP500 3150TS 1218Z	EUR	4,2550	4,2550	4,0350			4,0350					
Certificate	DE000VASRM84	SP500 3152TS OPENV	EUR	3,9775	3,9775	3,9775			3,9775					
Certificate	NL0012897714	SP500 3154TS OPENH	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	DE000CV424M0	SP500 3157TS OPENZ	EUR	4,3250	4,3250	4,0950			4,0950					
Certificate	NL0012850655	SP500 3159TRSOPENH	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	NL0012676886	SP500 3160TS OPENB	EUR	51,0600	51,0800	50,1700	2553,0000	1	50,1700	50				
Certificate	NL0013003924	SP500 3170TS OPENB	EUR	45,1500	45,1500	45,1500			45,1500					
Certificate	NL0012517668	SP500 3171TS OPENH	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	NL0012850648	SP500 3184TRSOPENH	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	DE000CV429U2	SP500 3186TS OPENZ	EUR	4,5850	4,5850	4,3550			4,3550					
Certificate	DE000CY51B88	SP500 3200TS OPENC	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000CP063K7	SP500 3200TS OPENC	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	DE000CP061T2	SP500 3200TS OPENC	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000CY52392	SP500 3200TS OPENC	EUR	4,2300	4,2300	4,2300			4,2300					



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	DE000VAGD407	SP500 3200TS OPENV	EUR	4,4155	4,4155	4,4155			4,4155					
Certificate	NL0012850630	SP500 3209TRSOPENH	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000CV4ZCB3	SP500 3217TS OPENZ	EUR	4,8550	4,8550	4,6250			4,6250					
Certificate	NL0012850622	SP500 3234TRSOPENH	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	DE000CV4ZJ1	SP500 3248TS OPENZ	EUR	5,1200	5,1200	4,8950			4,8950					
Certificate	NL0012546337	SP500 3276TRSOPENH	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	DE000CV4ZL17	SP500 3278TS OPENZ	EUR	5,3900	5,3900	5,1600			5,1600					
Certificate	NL0012677447	SP500 32838S OPENB	EUR	10,9500	10,9600	10,5100	2463,3700	3	10,5700	229				
Certificate	NL0012538011	SP500 3296TS OPENH	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	NL0012850614	SP500 3308TRSOPENH	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	DE000CV4ZPH2	SP500 3309TS OPENZ	EUR	5,6600	5,6600	5,4300			5,4300					
Certificate	LU1840349218	SP500 3314TPIOPENS	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	NL0012850606	SP500 3333TRSOPENH	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	DE000CV4ZPJ8	SP500 3340TS OPENZ	EUR	5,9300	5,9300	5,7000			5,7000					
Certificate	DE000CV8ACJ0	SP500 3350TS 1218Z	EUR	6,0000	6,0000	5,7800			5,7800					
Certificate	NL0012850598	SP500 3358TRSOPENH	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	DE000CV8BAY1	SP500 3369TS OPENZ	EUR	6,1800	6,1800	5,9600			5,9600					
Certificate	NL0013003932	SP500 3370TS OPENB	EUR	62,7500	62,7500	62,7500			62,7500					
Certificate	NL0012550636	SP500 3399TRSOPENH	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	DE000CV8BAZ8	SP500 3399TS OPENZ	EUR	6,4500	6,4500	6,2200			6,2200					
Certificate	DE000CV52F67	SP500 3400TS OPENC	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	DE000CQ58JP3	SP500 3400TS OPENC	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	NL0012676894	SP500 3410TS OPENB	EUR	72,8100	72,8100	72,8100			72,8100					
Certificate	DE000CV8BB05	SP500 3429TS OPENZ	EUR	6,7100	6,7100	6,4900			6,4900					
Certificate	NL0012550115	SP500 3430TS OPENH	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	NL0013085863	SP500 3450TRSOPENH	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	NL0012850580	SP500 3458TRSOPENH	EUR	6,7300	6,7300	6,7300			6,7300					
Certificate	NL0012866065	SP500 3490TRSOPENH	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	NL0012557284	SP500 3526TRSOPENH	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000CV8AEU3	SP500 3550TS 1218Z	EUR	7,7500	7,7500	7,5300			7,5300					
Certificate	DE000CV87XP4	SP500 3551TS OPENZ	EUR	7,7800	7,7800	7,5600			7,5600					
Certificate	NL0012559470	SP500 3555TS OPENH	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	NL0012552335	SP500 3557TS OPENH	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	DE000CV52SB2	SP500 3600TS OPENC	EUR	7,4300	7,4300	7,3900	743,0000	1	7,3900	100				
Certificate	NL0012561567	SP500 3647TRSOPENH	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	NL0012850572	SP500 3706TRSOPENH	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	NL0012894570	SP500 3713TS OPENH	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	DE000CJ3NU16	SP500 3750TS 1218Z	EUR	9,4900	9,4900	9,2800			9,2800					
Certificate	NL0012850564	SP500 3756TRSOPENH	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	DE000CJ3NQ79	SP500 3791TS OPENZ	EUR	9,8800	9,8800	9,6700			9,6700					
Certificate	NL0012850556	SP500 3806TRSOPENH	EUR	9,7900	9,7900	9,7900			9,7900					
Certificate	NL0012850549	SP500 3856TRSOPENH	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	NL0012850531	SP500 3905TRSOPENH	EUR	10,6600	10,6600	10,6600			10,6600					
Certificate	NL0012850523	SP500 3955TRSOPENH	EUR	11,1000	11,1000	11,1000			11,1000					
Certificate	NL0012910236	SP500 4014TRSOPENH	EUR	11,6200	11,6200	11,6200			11,6200					
Certificate	NL0012910228	SP500 4064TRSOPENH	EUR	12,0600	12,0600	12,0600			12,0600					
Certificate	NL0010108254	SPBNK122.6TL OPENB	EUR	17,1600	17,1600	17,1600			17,1600					
Certificate	NL0010225637	SPHOM 389TL OPENB	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CQ5AGF2	SPOTF 110TL OPENC	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000CQ5AGK2	SPOTF 110TL OPENC	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000CJ3N4K4	SPOTF 115TL 1218Z	EUR	2,9200	3,1550	2,9200			3,1550					
Certificate	DE000CQ5AGL0	SPOTF 120TL OPENC	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	DE000CQ5AGG0	SPOTF 120TL OPENC	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	DE000CJ3NPF0	SPOTF 130TL 1218Z	EUR	1,6300	1,8650	1,6300			1,8650					
Certificate	DE000CQ5AGH8	SPOTF 130TL OPENC	EUR	1,3600	1,4300	1,3600	89,7600	1	1,4300	66				
Certificate	DE000CQ5AGM8	SPOTF 130TL OPENC	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000CJ3N1T1	SPOTF 140TL 1218Z	EUR	0,7700	1,0050	0,7700			1,0050					
Certificate	DE000CQ5AGJ4	SPOTF 140TL OPENC	EUR											
Certificate	DE000CQ5AGN6	SPOTF 140TL OPENC	EUR											
Certificate	DE000CJ3PB84	SPOTF 150TL 1218Z	EUR											
Certificate	DE000CP07AA4	SPOTF 150TL OPENC	EUR											
Certificate	DE000CQ580Q6	SPOTF 150TL OPENC	EUR											
Certificate	DE000CP06X89	SPOTF 150TL OPENC	EUR											
Certificate	DE000CP07AB2	SPOTF 170TS OPENC	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000CP06X97	SPOTF 170TS OPENC	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	DE000CP06XA8	SPOTF 180TS OPENC	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	DE000CP07AC0	SPOTF 180TS OPENC	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000CP06XB6	SPOTF 190TS OPENC	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	DE000CP07AD8	SPOTF 190TS OPENC	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	NL0012971972	SPOTF 203TS OPENB	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	DE000CV89AY0	SPOTF 103.TL OPENZ	EUR	3,8900	4,1350	3,8900			4,1350					
Certificate	NL0013009764	SPOTF112.6TL OPENB	EUR	3,9400	3,9400	3,9400			3,9400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012780340	SPOTF118.5TL OPENB	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	DE000CV899D1	SPOTF123.4TL OPENZ	EUR	2,1400	2,3750	2,1400			2,3750					
Certificate	NL0013008774	SPOTF124.2BL OPENB	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	NL0012779904	SPOTF124.4TL OPENB	EUR	3,0200	3,0200	2,9800	1208,0000	1	2,9800	400				
Certificate	NL0013006158	SPOTF134.2BL OPENB	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0012779920	SPOTF136.9TL OPENB	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CV899E9	SPOTF143.6TL OPENZ	EUR											
Certificate	NL0012779938	SPOTF143.7TL OPENB	EUR											
Certificate	NL0012996102	SPOTF144.2BL OPENB	EUR											
Certificate	NL0013005861	SPOTF150.4TL OPENB	EUR											
Certificate	NL0013011752	SPOTF150.9TL OPENB	EUR											
Certificate	NL0013012032	SPOTF154.1BL OPENB	EUR											
Certificate	DE000CJ3PDB0	SPOTF158.4TL OPENZ	EUR											
Certificate	NL0013012867	SPOTF158.5TL OPENB	EUR											
Certificate	NL0013013915	SPOTF162.3BS OPENB	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	NL0013013741	SPOTF163.3TS OPENB	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0013005648	SPOTF175.6TS OPENB	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	NL0013004823	SPOTF182.3BS OPENB	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0012995930	SPOTF188.8TS OPENB	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	NL0012979025	SPOTF202.3BS OPENB	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	NL0012979769	SPOTF222.2BS OPENB	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	DE000VN612F2	SPX LEVOPENV	EUR	4,7800	5,5850	4,7800	9997,1000	4	5,3850	2030				
Certificate	DE000VN612E5	SPX LEVOPENV	EUR	11,2450	11,2450	11,2450			11,2450					
Certificate	DE000VN612D7	SPX LEVOPENV	EUR	14,8200	15,2750	14,8050	539,6400	2	15,2750	36				
Certificate	DE000VA1ZH00	SPX SHROPEMV	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	DE000VN612J4	SPX SHROPEMV	EUR	0,0240	0,0240	0,0240			0,0240					
Certificate	DE000VN612G0	SPX SHROPEMV	EUR	0,8780	0,8780	0,8440	439,0000	1	0,8440	500				
Certificate	DE000VN612H8	SPX SHROPEMV	EUR	0,1940	0,1940	0,1720	445,0000	2	0,1720	2500				
Certificate	DE000CP06Y39	SQ 60TL OPENC	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000CP06Y47	SQ 65TL OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CP06Y54	SQ 70TL OPENC	EUR											
Certificate	DE000CP06Y62	SQ 80TS OPENC	EUR											
Certificate	DE000CP06Y70	SQ 85TS OPENC	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CP06Y88	SQ 90TS OPENC	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CJ3PGT5	SQ 50.01TL OPENZ	EUR	1,7450	2,0350	1,7450			2,0350					
Certificate	DE000CJ3PGU3	SQ 60.01TL OPENZ	EUR	0,8950	1,1650	0,8950			1,1650					
Certificate	DE000CR6YAY3	SRENH65.26TL OPENZ	EUR	1,9700	1,9800	1,9700			1,9800					
Certificate	DE000CR6YAZ0	SRENH72.13TL OPENZ	EUR	1,3700	1,3800	1,3700			1,3800					
Certificate	DE000CE6C295	SRENH79.79TL OPENZ	EUR	0,6900	0,7100	0,6900			0,7100					
Certificate	DE000CV50335	SRGMI 2.77TL OPENZ	EUR	0,9400	0,9950	0,9400			0,9950					
Certificate	DE000CV42001	SRGMI 3.25TL OPENZ	EUR	0,4800	0,5450	0,4800			0,5450					
Certificate	DE000CV8BDV1	SSE 7.655TL OPENZ	EUR	0,4150	0,4250	0,4150			0,4250					
Certificate	DE000CN6HTF1	SSE 9.664TL OPENZ	EUR	0,1850	0,1950	0,1850			0,1950					
Certificate	DE000CJ3N6U8	SSYS 14.85TL OPENZ	EUR	1,0350	1,0600	1,0350			1,0600					
Certificate	DE000CV8ATG0	SSYS 17.35TL OPENZ	EUR	0,6350	0,6600	0,6350			0,6600					
Certificate	DE000CV8ATH8	SSYS 19.51TL OPENZ	EUR	0,2850	0,3100	0,2850			0,3100					
Certificate	DE000CX0HN41	STARB 70TS OPENC	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CX00QM4	STARB 70TS OPENC	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CX0HP56	STARB 70TS OPENC	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	NL0009746890	STARB 13.9TL OPENB	EUR	80,6600	80,6600	80,6600			80,6600					
Certificate	NL0009959568	STARB 17.9TL OPENB	EUR	73,9900	73,9900	73,9900			73,9900					
Certificate	NL0010893178	STARB 35.7TL OPENB	EUR	44,8700	44,8700	44,8700			44,8700					
Certificate	NL0010906616	STARB 39.6TL OPENB	EUR	38,4200	38,4200	38,4200			38,4200					
Certificate	NL0012777288	STARB 58.9TS OPENB	EUR											
Certificate	NL0011251293	STARB 63.3TS OPENB	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	NL0013008030	STARB 68.3TS OPENB	EUR	13,2900	13,2900	13,2900			13,2900					
Certificate	DE000CC60DD9	STARB40.26TL OPENC	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	FR0013123767	STD11 SHROPENS	EUR											
Certificate	NL0010131413	STGOB 20.4TL OPENB	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	DE000CR9NX44	STGOB 31.3TL OPENZ	EUR											
Certificate	DE000CJ3PFK9	STGOB21.26TL OPENZ	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000CV89K37	STGOB26.28TL OPENZ	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	DE000CD64F01	STMIC10.59TL OPENZ	EUR	1,8800	1,8800	1,5800	146,6400	1	1,5800	78				
Certificate	DE000CE6BFJ6	STMIC12.61TL OPENZ	EUR											
Certificate	XS1093252101	STN BASK0523	EUR											
Certificate	NL0013085871	STOXB 105.TRSOPENH	EUR	0,0900	0,0900	0,0900			0,0900					
Certificate	NL0012906820	STOXB 107.TRSOPENH	EUR	0,1100	0,1100	0,1100			0,1100					
Certificate	NL0012934103	STOXB 126.TS OPENH	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0012914295	STOXB 90.1TRLOPENH	EUR	0,0600	0,0600	0,0600			0,0600					
Certificate	NL0013083017	STOXB 97.4TL OPENH	EUR											
Certificate	NL0012914634	STOXB100.1TL OPENH	EUR											
Certificate	NL0012914279	STOXB100.2TRLOPENH	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	NL0013085590	STOXB102.5TRSOPENH	EUR	0,0700	0,0700	0,0700			0,0700					
Certificate	NL0013085277	STOXB102.5TS OPENH	EUR	0,0900	0,0900	0,0900			0,0900					
Certificate	NL0012906903	STOXB107.1TS OPENH	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	NL0012905459	STOXB111.9TRSOPENH	EUR	0,1600	0,1600	0,1600			0,1600					
Certificate	NL0012937148	STOXB113.9TRSOPENH	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	NL0012936504	STOXB113.9TS OPENH	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	NL0012935092	STOXB116.2TRSOPENH	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	NL0012901060	STOXB116.9TS OPENH	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	NL0012914212	STOXB117.6TRSOPENH	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	NL0012914592	STOXB117.7TS OPENH	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	NL0012914204	STOXB120.1TRSOPENH	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	NL0012914584	STOXB120.2TS OPENH	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	NL0012914196	STOXB122.6TRSOPENH	EUR	0,2800	0,2800	0,2700	280,0000	1	0,2700	1000				
Certificate	NL0012914576	STOXB122.7TS OPENH	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	NL0012914188	STOXB127.5TRSOPENH	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	NL0012914568	STOXB127.6TS OPENH	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	NL0012914170	STOXB132.5TRSOPENH	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012914162	STOXB137.4TRSOPENH	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	NL0012914550	STOXB137.5TS OPENH	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0012914154	STOXB142.3TRSOPENH	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	NL0012914147	STOXB147.3TRSOPENH	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012914543	STOXB147.4TS OPENH	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	NL0012914287	STOXB95.15TRLOPENH	EUR											
Certificate	XS1237141483	STOXE STN0820K	EUR											
Certificate	DE000CN6HPP9	STOXX 245.TL OPENZ	EUR	1,0800	1,1200	1,0800			1,1200					
Certificate	DE000CE6C2R4	STOXX 428.TS OPENZ	EUR	0,8300	0,8300	0,7900			0,7900					
Certificate	DE000CV4ZB68	STOXX 487.TS OPENZ	EUR	1,4200	1,4200	1,3800			1,3800					
Certificate	DE000CN6JFU5	STOXX210.8TL OPENZ	EUR	1,4200	1,4600	1,4200			1,4600					
Certificate	DE000CN6HPG7	STOXX227.4TL OPENZ	EUR	1,2500	1,3000	1,2500			1,3000					
Certificate	DE000CN6F3T6	STOXX262.6TL OPENZ	EUR	0,9100	0,9500	0,9100			0,9500					
Certificate	DE000CN6F792	STOXX283.5TL OPENZ	EUR	0,7000	0,7400	0,7000			0,7400					
Certificate	DE000CD61T73	STOXX299.9TL OPENZ	EUR	0,5400	0,5800	0,5400			0,5800					
Certificate	DE000CD63N51	STOXX317.3TL OPENZ	EUR	0,3600	0,4100	0,3600			0,4100					
Certificate	DE000CD644F8	STOXX335.5TL OPENZ	EUR	0,1800	0,2200	0,1800			0,2200					
Certificate	DE000CV888S2	STOXX356.1TL OPENZ	EUR											
Certificate	DE000CJ3N5W6	STOXX380.9TS OPENZ	EUR	0,3400	0,3400	0,3000			0,3000					
Certificate	DE000CD647U0	STOXX400.6TS OPENZ	EUR	0,5500	0,5500	0,5100			0,5100					
Certificate	DE000CE6DJD7	STOXX457.5TS OPENZ	EUR	1,1300	1,1300	1,0800			1,0800					
Certificate	NL0009996479	SUEZE 3.96TL OPENB	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	NL0012263396	SUEZE16.67TS OPENB	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	NL0012275721	SUEZE17.66TS OPENB	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	DE000CJ3PED4	SUGAR 0.13TL OPENZ	EUR	1,1050	1,1150	1,1050			1,1150					
Certificate	DE000CJ3NXQ1	SUGAR0.085TL OPENZ	EUR	4,9650	4,9850	4,9650			4,9850					
Certificate	DE000CV89YK9	SUGAR0.095TL OPENZ	EUR	4,1250	4,1450	4,1250			4,1450					
Certificate	NL0012614176	SUGAR0.104TL OPENH	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	DE000CJ3NXR9	SUGAR0.105TL OPENZ	EUR	3,2450	3,2650	3,2450			3,2650					
Certificate	DE000CJ3NOM8	SUGAR0.115TL OPENZ	EUR	2,3850	2,4050	2,3850			2,4050					
Certificate	NL0012614069	SUGAR0.139TS OPENH	EUR											
Certificate	DE000CJ3NXT5	SUGAR0.144TS OPENZ	EUR	0,6450	0,6450	0,5200	836,0000	2	0,6450	1500				
Certificate	NL0012614051	SUGAR0.149TS OPENH	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	DE000CV87ZA1	SUGAR0.154TS OPENZ	EUR	1,5250	1,5250	1,5250			1,5250					
Certificate	NL0012614044	SUGAR0.159TS OPENH	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000CJ3N0N6	SUGAR0.164TS OPENZ	EUR	2,3950	2,4600	2,3700	3645,0000	2	2,3950	1500				
Certificate	DE000CE6DRY6	SUGAR0.174TS OPENZ	EUR	3,2750	3,2850	3,2750			3,2850					
Certificate	NL0012614036	SUGAR0.209TS OPENH	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	NL0011931399	SUGAR0.251TS OPENH	EUR	12,0000	12,0000	12,0000			12,0000					
Certificate	NL0011931381	SUGAR0.253TS OPENH	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	NL0010382701	SVT 1280TL OPENB	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	DE000CD61PJ6	SWATC226.6TL OPENZ	EUR	8,5250	8,5250	8,5250			8,5250					
Certificate	DE000CN6H608	SWATC257.4TL OPENZ	EUR	5,8350	5,8350	5,8350			5,8350					
Certificate	DE000CD63922	SWATC289.4TL OPENZ	EUR	3,0650	3,0650	3,0650			3,0650					
Certificate	DE000CD64D78	SWATC326.7TL OPENZ	EUR											
Certificate	CH0025955326	SK4E PI OPENU	EUR											
Certificate	DE000VN61ZK2	SK5E LEVOPENV	EUR	5,1950	5,1950	5,1950			5,1950					
Certificate	DE000VN61ZM8	SK5E LEVOPENV	EUR	0,6340	0,6340	0,6340			0,6340					
Certificate	DE000VN61ZL0	SK5E LEVOPENV	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000VN61ZN6	SK5E SHROPEV	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000VN61ZP1	SK5E SHROPEV	EUR	1,0500	1,0500	0,9020	105,0000	1	0,9020	100				
Certificate	DE000VA54521	SK5E SHROPEV	EUR	16,6400	16,6400	16,6400			16,6400					
Certificate	DE000VN61ZQ9	SK5E SHROPEV	EUR	0,1840	0,1840	0,1640	184,0000	1	0,1640	1000				
Certificate	FR0013123684	SK5S7 SHROPENS	EUR											
Certificate	CH0025957652	SK8E PI OPENU	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	CH0025957611	SKKE PI OPENU	EUR											
Certificate	CH0025957579	SKQE PI OPENU	EUR											
Certificate	DE0006075377	SKRE PI OPENB	EUR	28,6100	28,6100	28,6100			28,6100					
Certificate	CH0025957678	SKRE PI OPENU	EUR											
Certificate	CH0025955383	SXTE PI OPENU	EUR											
Certificate	DE000CV4ZRK2	SY1G 51.73TL OPENZ	EUR	0,8600	1,0050	0,8600			1,0050					
Certificate	DE000CV4YXU2	SY1G 58.72TL OPENZ	EUR	0,5100	0,6550	0,5100			0,6550					
Certificate	DE000CV89G66	SY1G 68.69TL OPENZ	EUR											
Certificate	DE000CJ3N2B7	TATA 10.08TL OPENZ	EUR	0,2550	0,2650	0,2550			0,2650					
Certificate	DE000CV8AWQ3	TATA 11.09TL OPENZ	EUR	0,0830	0,0950	0,0830			0,0950					
Certificate	DE000CJ3N500	TATA 7.574TL OPENZ	EUR	0,6950	0,7050	0,6950			0,7050					
Certificate	DE000CJ3PE14	TATA 9.073TL OPENZ	EUR	0,4250	0,4450	0,4250			0,4450					
Certificate	NL0006217150	TBOND 99.9TL OPENB	EUR	36,7300	36,7300	36,7300			36,7300					
Certificate	NL0010658696	TBOND134.1TL OPENB	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	NL0010148979	TBOND152.5TS OPENA	EUR											
Certificate	DE000CR9PUA3	TECDX 1541TL OPENZ	EUR	10,1700	10,1700	10,1700			10,1700					
Certificate	DE000CR9PRJ0	TECDX 1647TL OPENZ	EUR	9,1100	9,1100	9,1100			9,1100					
Certificate	DE000CD629M5	TECDX 1749TL OPENZ	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	DE000CD645Y6	TECDX 1850TL OPENZ	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	DE000CE6BLT3	TECDX 1950TL OPENZ	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	DE000CE6C2F9	TECDX 2050TL OPENZ	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	DE000CE6CMA9	TECDX 2149TL OPENZ	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000CE6D8D0	TECDX 2249TL OPENZ	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000CE6ERB2	TECDX 2348TL OPENZ	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000CE6F058	TECDX 2447TL OPENZ	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000CJ3N005	TECDX 2887TS OPENZ	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000CV4Z9P2	TECDX 3087TS OPENZ	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	DE000CV4Z2N15	TECDX 3213TS OPENZ	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	DE000CV8B4M4	TECDX 3413TS OPENZ	EUR	8,7400	8,7400	8,7400			8,7400					
Certificate	DE000CV890H1	TECDX 3612TS OPENZ	EUR	10,7300	10,7300	10,7300			10,7300					
Certificate	DE000CV89K52	TELEN 27.8TL OPENZ	EUR	1,8750	1,8750	1,8000			1,8000					
Certificate	DE000CV8AJ99	TELEN 36.8TL OPENZ	EUR	0,9550	0,9550	0,8900			0,8900					
Certificate	NL0012796643	TELEN 47.5BOC0919Z	EUR	44,3600	44,3600	43,9700			43,9700					
Certificate	NL0012796650	TELEN 47.5BOC1219Z	EUR	44,3800	44,3800	44,0000			44,0000					
Certificate	DE000CV89K45	TELEN19.73TL OPENZ	EUR	2,6850	2,6850	2,6100			2,6100					
Certificate	DE000CV89937	TELEN24.76TL OPENZ	EUR	2,1850	2,1850	2,1100			2,1100					
Certificate	DE000CV89135	TELEN29.81TL OPENZ	EUR	1,6650	1,6650	1,6000			1,6000					
Certificate	DE000CV89K60	TELEN32.82TL OPENZ	EUR	1,3650	1,3650	1,2900	1650,0000	1	1,2900	1250				
Certificate	NL0012995468	TELEN35.66BL OPENB	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	NL0012992887	TELEN37.66BL OPENB	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	NL0012992895	TELEN39.67BL OPENB	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	DE000CJ3NXB3	TELEN40.08TL OPENZ	EUR	0,6350	0,6350	0,5700			0,5700					
Certificate	NL0013004401	TELEN41.68BL OPENB	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	NL0013011372	TELEN43.68BL OPENB	EUR	0,2850	0,2850	0,2850			0,2850					
Certificate	DE000CJ3PA75	TELEN44.57TL OPENZ	EUR	0,2150	0,2150	0,1500			0,1500					
Certificate	NL0013012040	TELEN45.68BL OPENB	EUR											
Certificate	NL0012997688	TELEN51.91BS OPENB	EUR	0,6900	0,6900	0,6850	276,0000	1	0,6850	400				
Certificate	DE000CV88K53	TELEN51.96TS OPENZ	EUR	0,5950	0,6600	0,5950			0,6600					
Certificate	NL0013012081	TELEN55.91BS OPENB	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	DE000CE6BY14	TELEN56.95TS OPENZ	EUR	1,0850	1,1600	1,0850			1,1600					
Certificate	NL0012976922	TELFO 4.6TL OPENB	EUR	2,7350	2,7350	2,7350			2,7350					
Certificate	NL0012497721	TELFO 5.6TL OPENB	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	NL0011535992	TELFO 6.5TL OPENB	EUR	0,8500	0,9250	0,8500	1700,0000	1	0,9250	2000				
Certificate	NL0012791974	TELFO 8.1TS OPENB	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	NL0011522313	TELFO 10.1TS OPENB	EUR	4,0550	4,0550	4,0550			4,0550					
Certificate	DE000CV89C29	TELFO4.595TL OPENZ	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	DE000CV507T6	TELFO5.608TL OPENZ	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CV4ZU77	TELFO6.112TL OPENZ	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CV89P81	TELFO7.879TS OPENZ	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CE6FH3	TELFO8.879TS OPENZ	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CE6DTB0	TELFO9.974TS OPENZ	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	DE000CN6EQJ6	TESB 24.7TL OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CN6HGM4	TESB 21.21TL OPENZ	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CN6HEB2	TESB 22.93TL OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CN6JU23	TESB 26.22TL OPENZ	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CN6JW84	TESB 27.79TL OPENZ	EUR	0,1700	0,2200	0,1700	170,0000	1	0,2200	1000				
Certificate	DE000CN6JW92	TESB 29.36TL OPENZ	EUR											
Certificate	DE000CJ3N666	TESB 32.95TS OPENZ	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CV87ZK0	TESB 36.45TS OPENZ	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CE6FJ84	TESB 41.18TS OPENZ	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CV87UJ3	TESCO 1.44TL OPENZ	EUR	0,7950	0,8050	0,7950			0,8050					
Certificate	DE000CV4YY47	TESCO1.642TL OPENZ	EUR	0,5650	0,5750	0,5650			0,5750					



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	DE000CV4YDZ3	TESCO1.894TL OPENZ	EUR	0,2850	0,2950	0,2850			0,2950					
Certificate	NL0010381844	TESLA 81TL OPENB	EUR	20,5800	20,5800	20,5800			20,5800					
Certificate	DE000CX593M9	TESLA 175TL OPENC	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	DE000CJ3N1X3	TESLA 200TL 1218Z	EUR	4,8050	4,8050	4,8050			4,8050					
Certificate	DE000CP067E1	TESLA 200TL OPENC	EUR	10,4800	10,4900	9,4500	4192,0000	1	9,4500	400				
Certificate	DE000CP07B84	TESLA 200TL OPENC	EUR	10,5800	10,5800	10,5800			10,5800					
Certificate	DE000CJ3N6N3	TESLA 215TL 1218Z	EUR	4,1550	4,1550	4,1550			4,1550					
Certificate	DE000CQ58AF3	TESLA 220TL OPENC	EUR	8,4600	8,4600	8,4600			8,4600					
Certificate	DE000CQ581D2	TESLA 220TL OPENC	EUR	7,9000	7,9500	6,9500	1140,0000	3	7,3300	150				
Certificate	DE000CV8AD38	TESLA 230TL 1218Z	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	DE000CV8B1E7	TESLA 240TL 0319Z	EUR	3,0550	3,0550	3,0550			3,0550					
Certificate	DE000CQ5AJ43	TESLA 240TL OPENC	EUR	5,8800	6,4500	5,0000	10341,6800	16	5,3400	1771				
Certificate	DE000CP07B92	TESLA 240TL OPENC	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	DE000CQ5ALD7	TESLA 240TL OPENC	EUR	6,1300	6,6000	6,1300	1226,0000	1	6,6000	200				
Certificate	DE000CP06UT4	TESLA 240TL OPENC	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	DE000CJ3N2G6	TESLA 245TL 1218Z	EUR	3,0900	3,1500	2,8450	156,0000	2	2,8450	50				
Certificate	DE000CJ3PC56	TESLA 260TL 1218Z	EUR											
Certificate	DE000CP06XW2	TESLA 270TS OPENC	EUR											
Certificate	DE000CP07BA2	TESLA 270TS OPENC	EUR											
Certificate	DE000CQ5AXA8	TESLA 275TL OPENC	EUR											
Certificate	DE000CQ5ATR0	TESLA 275TL OPENC	EUR											
Certificate	DE000CP06UU2	TESLA 280TS OPENC	EUR											
Certificate	DE000CP07B80	TESLA 280TS OPENC	EUR											
Certificate	DE000VA7PW90	TESLA 286TS OPENV	EUR											
Certificate	DE000VA7PXD1	TESLA 291TS OPENV	EUR											
Certificate	DE000VA7PXH2	TESLA 296TS OPENV	EUR											
Certificate	DE000CP06UV0	TESLA 300TS OPENC	EUR											
Certificate	DE000CP07BC8	TESLA 300TS OPENC	EUR											
Certificate	DE000VA7PVV7	TESLA 301TS OPENV	EUR											
Certificate	DE000VA7PVX3	TESLA 306TS OPENV	EUR											
Certificate	DE000VA7PQN4	TESLA 311TS OPENV	EUR											
Certificate	DE000VA7PQW5	TESLA 316TS OPENV	EUR											
Certificate	DE000CP06313	TESLA 320TS OPENC	EUR											
Certificate	DE000CP06198	TESLA 320TS OPENC	EUR	0,4000	0,4000	0,4000	40,0000	1	0,4000	100				
Certificate	DE000CQ58LJ2	TESLA 325TL OPENC	EUR											
Certificate	DE000CQ58JA5	TESLA 340TL OPENC	EUR											
Certificate	DE000CP061A2	TESLA 340TS OPENC	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000CP06321	TESLA 340TS OPENC	EUR	3,8900	4,7800	3,8900	433,5000	2	4,4600	100				
Certificate	DE000CQ58LK0	TESLA 360TS OPENC	EUR											
Certificate	DE000CQ58U54	TESLA 360TS OPENC	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000CY51L60	TESLA 380TS OPENC	EUR											
Certificate	DE000CQ58W11	TESLA 380TS OPENC	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	DE000CY503R6	TESLA 400TS OPENC	EUR											
Certificate	DE000CY501D0	TESLA 400TS OPENC	EUR											
Certificate	DE000CQ58JB3	TESLA 420TS OPENC	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	DE000CY507G0	TESLA 420TS OPENC	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	DE000CY507H8	TESLA 430TS OPENC	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	DE000CY508Q7	TESLA 430TS OPENC	EUR	9,2000	9,2000	9,2000			9,2000					
Certificate	DE000CY507J4	TESLA 440TS OPENC	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	DE000VA6D641	TESLA 217.TL OPENV	EUR	8,1150	8,1150	8,1150			8,1150					
Certificate	DE000VASRMV0	TESLA 327.TS OPENV	EUR	1,0870	1,8635	1,0870	1311,7000	6	1,8635	950				
Certificate	NL0010445813	TESLA115.2TL OPENB	EUR	17,8400	17,8400	17,8400			17,8400					
Certificate	NL0011643895	TESLA136.68L OPENB	EUR	15,4500	15,4500	15,4500			15,4500					
Certificate	NL0011642517	TESLA147.88L OPENB	EUR	14,4700	14,4700	14,4700			14,4700					
Certificate	NL0010524385	TESLA149.8TL OPENB	EUR	15,0700	15,0700	15,0700			15,0700					
Certificate	DE000CJ3N062	TESLA159.3TL OPENZ	EUR	6,7500	6,7500	6,5400	1822,5000	1	6,5400	270				
Certificate	NL0011651310	TESLA170.4TL OPENB	EUR	13,4300	13,4300	13,4300			13,4300					
Certificate	NL0011652805	TESLA181.2TL OPENB	EUR	12,5700	12,5700	12,5700			12,5700					
Certificate	NL0011650866	TESLA181.38L OPENB	EUR	11,5200	11,5200	11,5200			11,5200					
Certificate	DE000CV8B7H7	TESLA184.4TL OPENZ	EUR	5,6500	5,8000	5,4500	3272,9000	2	5,4500	566				
Certificate	NL0012034946	TESLA191.9TL OPENB	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	DE000VA7TEC5	TESLA197.8TL OPENV	EUR	10,2600	10,2600	9,9450	123,1200	1	9,9450	12				
Certificate	DE000VA7TED3	TESLA200.3TL OPENV	EUR	9,7250	9,7250	9,7250			9,7250					
Certificate	NL0012100507	TESLA202.5TL OPENB	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	DE000VA7TCP1	TESLA202.8TL OPENV	EUR	9,4850	9,4850	9,4850			9,4850					
Certificate	DE000CV8B7J3	TESLA204.5TL OPENZ	EUR	4,4100	4,5750	4,3500	1050,4800	2	4,5750	240				
Certificate	DE000VA7TCQ9	TESLA205.3TL OPENV	EUR	9,2650	9,2650	9,2650			9,2650					
Certificate	DE000VA7TCS5	TESLA207.8TL OPENV	EUR	9,0450	9,0450	9,0450			9,0450					
Certificate	DE000VA64ZT4	TESLA210.1TL OPENV	EUR	8,8150	8,8150	8,8150			8,8150					
Certificate	DE000VA64ZU2	TESLA212.6TL OPENV	EUR	8,5950	8,5950	8,5950			8,5950					
Certificate	DE000VA7TA43	TESLA213.3TL OPENV	EUR	9,3050	9,3050	9,3050			9,3050					
Certificate	DE000CJ3N5P0	TESLA214.6TL OPENZ	EUR	4,1350	4,1350	4,1350			4,1350					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA64ZV0	TESLA215.1TL OPENV	EUR	8,3750	8,3750	8,3750			8,3750					
Certificate	DE000VA6EF52	TESLA222.4TL OPENV	EUR	7,7350	7,7350	7,7350			7,7350					
Certificate	DE000CV89XC8	TESLA224.6TL OPENZ	EUR	3,9900	4,0500	3,7050	3719,7500	3	3,7050		925			
Certificate	DE000VA4YXR0	TESLA225.8TL OPENV	EUR	7,3250	7,3250	7,3250			7,3250					
Certificate	DE000VA6D625	TESLA226.7TL OPENV	EUR	8,0650	8,0650	8,0650			8,0650					
Certificate	DE000VA6EFV6	TESLA229.9TL OPENV	EUR	8,0500	8,0700	7,0750	805,0000	1	7,0750		100			
Certificate	DE000VA4YUF1	TESLA230.8TL OPENV	EUR	6,7250	6,7250	6,7250			6,7250					
Certificate	DE000CV88CA7	TESLA234.8TL OPENZ	EUR	3,4400	3,4400	3,2550	172,0000	1	3,2550		50			
Certificate	DE000VA4YX18	TESLA235.1TL OPENV	EUR	7,2150	7,2150	7,2150			7,2150					
Certificate	DE000VA4YUG9	TESLA235.8TL OPENV	EUR	7,0900	7,2400	6,2650	43234,9900	14	6,2650		6226			
Certificate	DE000VA4YXQ2	TESLA240.1TL OPENV	EUR	6,9250	6,9250	6,9250			6,9250					
Certificate	DE000VA6EFZ7	TESLA242.4TL OPENV	EUR	5,9750	5,9750	5,9750			5,9750					
Certificate	DE000CV89XB0	TESLA244.7TL OPENZ	EUR	3,2500	3,2500	2,6200	16807,5000	4	2,8250		5475			
Certificate	DE000VA32658	TESLA245.3TL OPENV	EUR	6,5500	6,5500	5,1660	8686,9000	11	5,5450		1433			
Certificate	DE000VA71PV6	TESLA250.4TL OPENV	EUR	5,3350	5,3350	5,3350			5,3350					
Certificate	DE000VA7THQ8	TESLA251.7TL OPENV	EUR	7,0100	7,0950	5,5200	71704,9400	15	6,1150		11054			
Certificate	DE000VA71PW4	TESLA252.9TL OPENV	EUR											
Certificate	DE000VA8FWX0	TESLA253.1TL OPENV	EUR	5,1135	5,1135	5,1135			5,1135					
Certificate	DE000CJ3PGV1	TESLA254.7TL OPENZ	EUR	2,8000	2,9000	2,2000	61462,5000	19	2,3950		24155			
Certificate	DE000VA71WW0	TESLA255.4TL OPENV	EUR											
Certificate	DE000CJ3PDT2	TESLA259.7TL OPENZ	EUR											
Certificate	DE000VA71ZC5	TESLA260.4TL OPENV	EUR											
Certificate	DE000VA71XW8	TESLA261.7TL OPENV	EUR											
Certificate	DE000VA71ZF8	TESLA262.9TL OPENV	EUR											
Certificate	DE000VA71ZH4	TESLA265.4TL OPENV	EUR											
Certificate	DE000VA8FWW2	TESLA265.8TS OPENV	EUR											
Certificate	DE000VA71ZL6	TESLA267.9TL OPENV	EUR											
Certificate	DE000VA8FTD8	TESLA268.3TS OPENV	EUR											
Certificate	DE000VA71ZP7	TESLA270.4TL OPENV	EUR											
Certificate	DE000VA8FTE6	TESLA270.8TS OPENV	EUR											
Certificate	DE000VA8FR15	TESLA271.5TS OPENV	EUR											
Certificate	DE000VA71XY4	TESLA271.7TL OPENV	EUR											
Certificate	DE000VA8FSL3	TESLA273.3TS OPENV	EUR											
Certificate	DE000VA71038	TESLA275.8TS OPENV	EUR											
Certificate	DE000VA71046	TESLA278.3TS OPENV	EUR											
Certificate	DE000VA71053	TESLA280.8TS OPENV	EUR											
Certificate	DE000VA7PWD3	TESLA281.5TS OPENV	EUR											
Certificate	DE000VA710L5	TESLA281.5TS OPENV	EUR											
Certificate	NL0013006018	TESLA283.2TS OPENB	EUR											
Certificate	NL0012778336	TESLA283.4TS OPENB	EUR											
Certificate	DE000VA7PW82	TESLA283.5TS OPENV	EUR											
Certificate	DE000VA7PXB5	TESLA288.5TS OPENV	EUR											
Certificate	DE000VA7PWE1	TESLA291.5TS OPENV	EUR											
Certificate	DE000VA7PXF6	TESLA293.5TS OPENV	EUR											
Certificate	DE000CJ3NZ37	TESLA297.5TS OPENZ	EUR											
Certificate	DE000VA7PKK6	TESLA298.5TS OPENV	EUR											
Certificate	DE000VA7PVA1	TESLA301.5TS OPENV	EUR											
Certificate	NL0013005655	TESLA303.2TS OPENB	EUR											
Certificate	DE000VA7PVW5	TESLA303.5TS OPENV	EUR											
Certificate	DE000VA7PVY1	TESLA308.5TS OPENV	EUR											
Certificate	DE000VA3TDM5	TESLA309.7TL OPENV	EUR											
Certificate	DE000VA7PPA3	TESLA311.5TS OPENV	EUR											
Certificate	DE000VA7PQ53	TESLA313.5TS OPENV	EUR											
Certificate	DE000VA3TDN3	TESLA314.7TL OPENV	EUR											
Certificate	DE000VA7PQ07	TESLA318.5TS OPENV	EUR											
Certificate	DE000VA3TDP8	TESLA319.7TL OPENV	EUR											
Certificate	DE000VASRQ53	TESLA321.9TS OPENV	EUR	0,7360	1,1770	0,7120	375,6000	2	1,1770		400			
Certificate	DE000VASRQU9	TESLA322.4TS OPENV	EUR	2,8185	2,8185	2,8185			2,8185					
Certificate	DE000CV8B7C8	TESLA322.6TS OPENZ	EUR	0,3800	0,8050	0,3800	1045,3000	4	0,8050		2210			
Certificate	NL0012998421	TESLA323.2TS OPENB	EUR	3,1000	4,0300	2,4200	3133,0000	3	3,6850		1200			
Certificate	DE000VA3TDQ6	TESLA324.7TL OPENV	EUR											
Certificate	DE000VASRHW4	TESLA327.4TS OPENV	EUR	3,2095	3,2095	3,2095			3,2095					
Certificate	DE000VA3TKG2	TESLA329.7TL OPENV	EUR											
Certificate	DE000VASRHR4	TESLA332.1TS OPENV	EUR	1,5320	2,6490	1,5140	285,3100	4	2,2625		140			
Certificate	DE000VASRHX2	TESLA332.4TS OPENV	EUR	3,6695	3,6695	3,6695			3,6695					
Certificate	DE000VA3TKH0	TESLA334.7TL OPENV	EUR											
Certificate	DE000VASRHS2	TESLA337.1TS OPENV	EUR	2,3110	3,1800	1,6990	45261,7600	18	2,5895		19901			
Certificate	DE000VASRHY0	TESLA337.4TS OPENV	EUR	4,1305	4,1305	4,1305			4,1305					
Certificate	DE000VA3TKJ6	TESLA339.7TL OPENV	EUR											
Certificate	DE000VASRG82	TESLA342.1TS OPENV	EUR	3,1345	3,1345	3,1345			3,1345					
Certificate	DE000VASRGU0	TESLA342.4TS OPENV	EUR	4,5805	4,5805	4,5805			4,5805					
Certificate	DE000CV8B0V3	TESLA342.8TS OPENZ	EUR	1,6700	1,8400	1,5000	2213,5000	3	1,6550		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	NL001298439	TESLA343.2TS OPENB	EUR	5,5750	5,5750	5,5750			5,5750					
Certificate	DE000VA5RGR6	TESLA347.1TS OPENV	EUR	2,4860	3,7890	2,4860	562,3500	2	3,5645	200				
Certificate	DE000VA5RGW6	TESLA347.4TS OPENV	EUR	5,0405	5,0405	5,0405			5,0405					
Certificate	DE000VA5RGS4	TESLA352.1TS OPENV	EUR	4,0015	4,0015	4,0015			4,0015					
Certificate	DE000VA5RFE6	TESLA352.4TS OPENV	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	DE000VA3TJ97	TESLA353.5TS OPENV	EUR											
Certificate	DE000VA3TKC1	TESLA353.7TS OPENV	EUR											
Certificate	DE000VA5RFD8	TESLA357.1TS OPENV	EUR	3,5850	4,4365	3,5850	2509,5000	1	4,4365	700				
Certificate	DE000VA5RFF3	TESLA357.4TS OPENV	EUR	5,9550	5,9550	5,9550			5,9550					
Certificate	DE000VA3TKD9	TESLA358.7TS OPENV	EUR											
Certificate	DE000VA5RCZ8	TESLA362.1TS OPENV	EUR	4,8705	4,8705	4,8705			4,8705					
Certificate	DE000VA5RD69	TESLA362.4TS OPENV	EUR	6,4150	6,4150	6,4150			6,4150					
Certificate	DE000CV8B7D6	TESLA362.5TS OPENZ	EUR	2,2400	2,4950	2,2400	44,8000	1	2,4950	20				
Certificate	NL0012990279	TESLA363.3TS OPENB	EUR	7,6000	8,4250	7,6000	851,0000	2	8,4250	105				
Certificate	DE000VA3TKE7	TESLA363.7TS OPENV	EUR											
Certificate	DE000VA5RCC7	TESLA367.1TS OPENV	EUR	5,3050	5,3050	5,3050			5,3050					
Certificate	DE000VA5RCF0	TESLA367.4TS OPENV	EUR	6,8650	6,8650	6,8650			6,8650					
Certificate	DE000VA5RCD5	TESLA372.1TS OPENV	EUR	5,7450	5,7450	5,7450			5,7450					
Certificate	DE000VA5EM89	TESLA372.4TS OPENV	EUR	7,3250	7,3250	7,3250			7,3250					
Certificate	NL0012988547	TESLA372.885 OPENB	EUR	5,4050	6,1450	5,3000	9697,5000	4	6,1450	1750				
Certificate	DE000VA5EM55	TESLA377.1TS OPENV	EUR	6,1750	6,1750	6,1750			6,1750					
Certificate	DE000VA5EM97	TESLA377.4TS OPENV	EUR	7,7850	7,7850	7,7850			7,7850					
Certificate	DE000VA5EM63	TESLA382.1TS OPENV	EUR	6,6050	6,6050	6,6050			6,6050					
Certificate	DE000VA5ENA6	TESLA382.4TS OPENV	EUR	8,2450	8,2450	8,2450			8,2450					
Certificate	NL0012988760	TESLA383.3TS OPENB	EUR	10,3750	10,3750	10,3750			10,3750					
Certificate	DE000VA5EM71	TESLA387.1TS OPENV	EUR	7,0450	7,0450	7,0450			7,0450					
Certificate	DE000VA3PXN9	TESLA388.7TS OPENV	EUR	8,6750	8,6750	8,6750			8,6750					
Certificate	NL0012272744	TESLA392.885 OPENB	EUR	7,1900	7,9050	7,1000	5595,1000	4	7,9050	757				
Certificate	DE000CE6DL90	TESLA393.1TS OPENZ	EUR	6,8100	8,0600	6,6600	223747,6000	23	7,5800	30960				
Certificate	DE000VA3PW78	TESLA393.7TS OPENV	EUR	7,4750	7,4750	7,4750			7,4750					
Certificate	DE000VA3PPX4	TESLA393.7TS OPENV	EUR	9,1350	9,1350	9,1350			9,1350					
Certificate	DE000VA3PW86	TESLA398.7TS OPENV	EUR	7,9150	7,9150	7,9150			7,9150					
Certificate	DE000VA3PXQ2	TESLA398.7TS OPENV	EUR	9,5850	9,5850	9,5850			9,5850					
Certificate	NL0012281497	TESLA403.4TS OPENB	EUR	12,3450	12,3450	12,3450			12,3450					
Certificate	DE000VA3PW94	TESLA403.7TS OPENV	EUR	8,3450	8,3450	8,3450			8,3450					
Certificate	DE000VA3PXR0	TESLA403.7TS OPENV	EUR	10,0450	10,0450	10,0450			10,0450					
Certificate	DE000VA3PPA6	TESLA408.7TS OPENV	EUR	8,7850	8,7850	8,7850			8,7850					
Certificate	DE000VA3PPX8	TESLA408.7TS OPENV	EUR	10,5050	10,5050	10,5050			10,5050					
Certificate	NL0012495162	TESLA412.585 OPENB	EUR	9,1250	9,6500	8,6500	9692,7500	3	9,6350	1035				
Certificate	DE000VA3PXT6	TESLA413.7TS OPENV	EUR	10,9650	10,9650	10,9650			10,9650					
Certificate	DE000VA3PPX84	TESLA413.7TS OPENV	EUR	9,2150	9,2150	9,2150			9,2150					
Certificate	DE000VA3TE27	TESLA418.7TS OPENV	EUR	11,4250	11,4250	11,4250			11,4250					
Certificate	DE000VA3PXC2	TESLA418.7TS OPENV	EUR	9,6550	9,6550	9,6550			9,6550					
Certificate	DE000CE6DLA9	TESLA422.4TS OPENZ	EUR	10,1900	10,1900	10,1900			10,1900					
Certificate	NL0012272678	TESLA423.1TS OPENB	EUR	13,5500	14,2750	13,5500	1355,0000	1	14,2750	100				
Certificate	DE000VA3PPXD0	TESLA423.7TS OPENV	EUR	10,0850	10,0850	10,0850			10,0850					
Certificate	DE000VA3TE35	TESLA423.7TS OPENV	EUR	11,8850	11,8850	11,8850			11,8850					
Certificate	NL0012988232	TESLA425.8TS OPENB	EUR	14,5350	14,5350	14,5350			14,5350					
Certificate	DE000VA5EMC4	TESLA427.7TS OPENV	EUR	12,4150	12,4150	12,4150			12,4150					
Certificate	DE000VA3PXE8	TESLA428.7TS OPENV	EUR	10,5250	10,5250	10,5250			10,5250					
Certificate	DE000VA5EMD2	TESLA432.7TS OPENV	EUR	12,8750	12,8750	12,8750			12,8750					
Certificate	DE000VA5EME0	TESLA437.7TS OPENV	EUR	13,3350	13,3350	13,3350			13,3350					
Certificate	NL0012272751	TESLA441.985 OPENB	EUR	12,2250	12,2250	12,2250			12,2250					
Certificate	NL0012988240	TESLA445.6TS OPENB	EUR	16,4650	16,4650	16,4650			16,4650					
Certificate	DE000CE6ETU8	TESLA461.4TS OPENZ	EUR	13,6300	13,6300	13,6300			13,6300					
Certificate	DE000CE6FKJ7	TEVA 10.03TL OPENZ	EUR	9,0950	9,0950	9,0950			9,0950					
Certificate	DE000CE6FQC9	TEVA 13.18TL OPENZ	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	DE000CV4Z0U1	TEVA 14.72TL OPENZ	EUR	4,9850	4,9850	4,9850			4,9850					
Certificate	DE000CV4Z423	TEVA 16.24TL OPENZ	EUR	3,6850	3,6850	3,6850			3,6850					
Certificate	DE000CV88Q50	TEVA 18.25TL OPENZ	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	DE000CV88W91	TEVA 20.27TL OPENZ	EUR											
Certificate	NL0011997804	THYSS 21.5TL OPENH	EUR											
Certificate	DE000CJ3NQ87	THYSS13.35TL OPENZ	EUR	4,4300	4,8700	4,4300			4,8700					
Certificate	NL0011722178	THYSS14.23TL OPENH	EUR	4,4700	4,9200	4,4700			4,9200					
Certificate	NL0011722160	THYSS16.31TL OPENH	EUR	2,5300	3,2500	2,5300	1230,0000	2	2,9700	400				
Certificate	DE000CN6KARO	THYSS16.36TL OPENZ	EUR	1,4700	1,9000	1,4700	1683,0000	1	1,9000	1122				
Certificate	NL0011892377	THYSS16.81TL OPENH	EUR	2,0600	2,5000	2,0600			2,5000					
Certificate	DE000CN6KKV1	THYSS17.85TL OPENZ	EUR											
Certificate	NL0011929526	THYSS18.27TL OPENH	EUR											
Certificate	NL0012902456	THYSS19.54TL OPENH	EUR											
Certificate	NL0012907216	THYSS21.54TS OPENH	EUR	5,3600	5,3600	4,9500			4,9500					
Certificate	NL0012905889	THYSS22.02TS OPENH	EUR	5,8800	5,8800	5,4700			5,4700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012933881	THYSS23.48TS OPENH	EUR	7,4400	7,4400	7,0300			7,0300					
Certificate	NL0012912125	THYSS24.04TS OPENH	EUR	8,0500	8,0500	7,6300			7,6300					
Certificate	NL0012847248	THYSS24.43TS OPENH	EUR	8,4700	8,4700	8,0500			8,0500					
Certificate	NL0012565642	THYSS24.72TS OPENH	EUR	8,7800	8,7800	8,3700			8,3700					
Certificate	NL0012561997	THYSS25.65TS OPENH	EUR	9,7700	9,7700	9,3600			9,3600					
Certificate	NL0012606768	THYSS26.74TS OPENH	EUR	10,9500	10,9500	10,5400			10,5400					
Certificate	NL0012849467	THYSS26.91TS OPENH	EUR	11,1600	11,1600	10,7100			10,7100					
Certificate	NL0012365878	THYSS27.01TS OPENH	EUR	11,2400	11,2400	10,8300			10,8300					
Certificate	NL0012330575	THYSS27.98TS OPENH	EUR	12,2800	12,2800	11,8700			11,8700					
Certificate	NL0012050520	THYSS28.43TS OPENH	EUR	12,7600	12,7600	12,3500			12,3500					
Certificate	NL0011054325	THYSS29.61TS OPENH	EUR	14,0300	14,0300	13,6200			13,6200					
Certificate	NL0012365860	THYSS32.83TS OPENH	EUR	17,4900	17,4900	17,0700			17,0700					
Certificate	DE000CD642Y3	TKHGR 36.TL OPENZ	EUR	0,7400	0,7400	0,7150	1443,0000	1	0,7150	1950				
Certificate	DE000CN6JP75	TKHGR22.33TL OPENZ	EUR	2,0100	2,0750	2,0100	4020,0000	1	2,0750	2000				
Certificate	DE000CN6HMH2	TKHGR23.97TL OPENZ	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000CR9RGW2	TKHGR27.86TL OPENZ	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	DE000CN6JRG9	TKHGR29.41TL OPENZ	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	DE000CD625M3	TKHGR30.98TL OPENZ	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	NL0012121925	TKHGR31.83BL OPENB	EUR	11,6150	11,6150	11,6150			11,6150					
Certificate	DE000CD62DJ0	TKHGR32.51TL OPENZ	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	DE000CD63U52	TKHGR34.01TL OPENZ	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	DE000CE6BL01	TKHGR37.98TL OPENZ	EUR	0,4700	0,5150	0,4700	95,4100	1	0,5150	203				
Certificate	NL0012121958	TKHGR38.08BL OPENB	EUR	5,3650	5,3650	5,3650			5,3650					
Certificate	DE000CE6CK43	TKHGR39.97TL OPENZ	EUR	0,2300	0,3250	0,2300	1491,0000	3	0,3250	5700				
Certificate	NL0012261630	TKHGR40.15BL OPENB	EUR	2,7900	3,2850	2,7450	476,3000	2	3,2850	170				
Certificate	DE000CE6CMM4	TKHGR41.96TL OPENZ	EUR											
Certificate	NL0012265045	TKHGR42.23BL OPENB	EUR											
Certificate	DE000CJ3N5G9	TKHGR49.29TS OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	DE000CV8B0D1	TKHGR53.77TS OPENZ	EUR	1,1200	1,1200	1,1150	56,0000	1	1,1150	50				
Certificate	DE000CV8B9P2	TKHGR57.75TS OPENZ	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000CE6EYP8	TKHGR61.72TS OPENZ	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000CV88LL6	TKHGR65.71TS OPENZ	EUR	2,3050	2,3050	2,3050			2,3050					
Certificate	NL0012502488	TKWY 40TL OPENB	EUR	16,6400	16,6400	16,6400			16,6400					
Certificate	NL0012780357	TKWY 42TL OPENB	EUR	14,7600	14,7600	14,7600			14,7600					
Certificate	NL0012781231	TKWY 44TL OPENB	EUR	12,8800	12,8800	12,8800			12,8800					
Certificate	NL0012020390	TKWY 21.2TL OPENB	EUR	34,0800	34,0800	34,0800			34,0800					
Certificate	NL0012035307	TKWY 23.4TL OPENB	EUR	32,1100	32,1100	32,1100			32,1100					
Certificate	NL0012104764	TKWY 26.5TL OPENB	EUR	29,1900	29,1900	29,1900			29,1900					
Certificate	NL0012105555	TKWY 28.5TL OPENB	EUR	27,2800	27,2800	27,2800			27,2800					
Certificate	NL0012264360	TKWY 29.6TL OPENB	EUR	26,2600	26,2600	26,2600			26,2600					
Certificate	NL0012269856	TKWY 35.8TL OPENB	EUR	20,4900	20,4900	20,4900			20,4900					
Certificate	NL0012500235	TKWY 37.9TL OPENB	EUR	18,6000	18,6000	18,6000			18,6000					
Certificate	NL0012784193	TKWY 46.1TL OPENB	EUR	11,0800	11,0800	10,9300	1108,0000	1	10,9300	100				
Certificate	NL0012794622	TKWY 48.1TL OPENB	EUR	9,0400	9,0400	9,0400			9,0400					
Certificate	NL0013010937	TKWY 50.1TL OPENB	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	NL0013012875	TKWY 52.1TL OPENB	EUR											
Certificate	NL0013012883	TKWY 54.1TL OPENB	EUR											
Certificate	NL0013003015	TKWY 57.9TS OPENB	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	NL0013003023	TKWY 60.9TS OPENB	EUR	12,0400	12,0400	12,0400			12,0400					
Certificate	NL0012996884	TKWY 63.8TS OPENB	EUR	15,2200	15,2200	15,2200			15,2200					
Certificate	NL0012998413	TKWY 66.8TS OPENB	EUR	18,4500	18,4500	18,4500			18,4500					
Certificate	NL0012992663	TKWY 69.7TS OPENB	EUR	21,5900	21,5900	21,5900			21,5900					
Certificate	DE000CE6D9U2	TKWY 33.57TL OPENZ	EUR	4,5050	4,5050	4,5050			4,5050					
Certificate	DE000CE6DEW8	TKWY 36.83TL OPENZ	EUR	3,8950	3,8950	3,8950			3,8950					
Certificate	DE000CV888U8	TKWY 42.21TL OPENZ	EUR	2,9050	2,9050	2,9050			2,9050					
Certificate	DE000CV894C4	TKWY 47.58TL OPENZ	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000CJ3NYA3	TLITAO.351TL OPENZ	EUR	0,1450	0,1450	0,1450			0,1450					
Certificate	DE000CV8A559	TLITAO.405TL OPENZ	EUR	0,0940	0,0940	0,0880			0,0880					
Certificate	DE000CJ3NZU8	TLITAO.461TL OPENZ	EUR	0,0390	0,0390	0,0330			0,0330					
Certificate	DE000CJ3NTT3	TLRY 105.TL OPENZ	EUR											
Certificate	DE000CJ3NVV5	TLRY 120.3TL OPENZ	EUR											
Certificate	DE000CJ3PAA8	TLRY 140.3TL OPENZ	EUR											
Certificate	DE000CJ3PBW0	TLRY 160.3TL OPENZ	EUR											
Certificate	DE000CV8AX00	TLRY 19.94TL OPENZ	EUR	16,0500	16,1600	16,0500			16,1600					
Certificate	DE000CV8B110	TLRY 29.89TL OPENZ	EUR	14,4500	14,5600	14,4500			14,5600					
Certificate	DE000CV8B1Y5	TLRY 35.39TL OPENZ	EUR	13,5700	13,6700	13,4500	295,9000	1	13,6700	22				
Certificate	DE000CV8B4S1	TLRY 40.89TL OPENZ	EUR	12,6900	12,7800	12,6900			12,7800					
Certificate	DE000CV8B4T9	TLRY 46.39TL OPENZ	EUR	11,8900	11,9000	11,8900	237,8000	1	11,9000	20				
Certificate	DE000CV8B7W6	TLRY 57.39TL OPENZ	EUR	10,0400	10,1200	10,0400			10,1200					
Certificate	DE000CV8B9H3	TLRY 68.38TL OPENZ	EUR	8,2700	8,3500	8,2700			8,3500					
Certificate	DE000CV8BCY7	TLRY 79.33TL OPENZ	EUR	6,5100	6,5900	6,5100			6,5900					
Certificate	DE000CV8BEK2	TLRY 90.26TL OPENZ	EUR	4,7600	4,8250	4,7600			4,8250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011990460	TLSNS 26.7TL OPENH	EUR	1,5800	1,5800	1,5700			1,5700					
Certificate	NL0011409248	TLSNS 30.8TL OPENH	EUR	1,2300	1,2300	1,2100			1,2100					
Certificate	NL001213290	TLSNS14.43TL OPENH	EUR	2,6600	2,6600	2,6400			2,6400					
Certificate	NL0012244297	TLSNS24.65TL OPENH	EUR	1,7600	1,7600	1,7500			1,7500					
Certificate	NL0011715248	TLSNS25.77TL OPENH	EUR	1,6700	1,6700	1,6500			1,6500					
Certificate	NL0012579510	TLSNS33.84TL OPENH	EUR	0,9600	0,9600	0,9400			0,9400					
Certificate	NL0012583678	TLSNS35.84TL OPENH	EUR	0,7900	0,7900	0,7700			0,7700					
Certificate	NL0013085434	TLSNS37.84TL OPENH	EUR	0,6100	0,6100	0,5900			0,5900					
Certificate	NL0012895189	TLSNS40.84TL OPENH	EUR											
Certificate	NL0011409149	TLSNS43.54TS OPENH	EUR	0,7400	0,7600	0,7400			0,7600					
Certificate	NL0011409131	TLSNS46.32TS OPENH	EUR											
Certificate	NL0012605448	TLSNS50.88TS OPENH	EUR	1,5300	1,5500	1,5300			1,5500					
Certificate	NL0012605430	TLSNS52.85TS OPENH	EUR	1,7400	1,7600	1,7400			1,7600					
Certificate	NL0012906713	TLSNS59.78TS OPENH	EUR	2,4800	2,5000	2,4800			2,5000					
Certificate	DE000CM73MH3	TN10 109.TL OPENZ	EUR	8,5600	8,5600	8,4200			8,4200					
Certificate	NL0012372866	TN10 115.TL OPENH	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	NL0012372858	TN10 116.TL OPENH	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	NL0012372841	TN10 117.TL OPENH	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	NL0012307714	TN10 124.TS OPENH	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	NL0011996822	TN10 127.TS OPENH	EUR	10,7800	10,7800	10,7800			10,7800					
Certificate	NL0012313431	TN10 129.TS OPENH	EUR	11,3900	11,3900	11,3900			11,3900					
Certificate	NL0012313423	TN10 130.TS OPENH	EUR	12,2600	12,2600	12,2600			12,2600					
Certificate	NL0012313415	TN10 131.TS OPENH	EUR	13,1200	13,1200	13,1200			13,1200					
Certificate	DE000CE6CE25	TN10 142.TS OPENZ	EUR	20,4100	20,6700	20,4100			20,6700					
Certificate	NL0012432777	TN10 184.TS OPENH	EUR	60,6400	60,6400	60,6400			60,6400					
Certificate	NL0012372916	TN10 100.6TL OPENH	EUR	17,4600	17,4600	17,4600			17,4600					
Certificate	DE000CM73MG5	TN10 103.2TL OPENZ	EUR	13,6700	13,6700	13,5500			13,5500					
Certificate	NL0012579601	TN10 104.1TL OPENH	EUR	14,4500	14,4500	14,4500			14,4500					
Certificate	NL0012565766	TN10 106.2TL OPENH	EUR	12,6600	12,6600	12,6600			12,6600					
Certificate	NL0012529390	TN10 107.6TL OPENH	EUR	11,4000	11,4000	11,4000			11,4000					
Certificate	NL0012536817	TN10 108.8TL OPENH	EUR	10,3700	10,3700	10,3700			10,3700					
Certificate	NL0012313480	TN10 109.8TL OPENH	EUR	9,5200	9,5200	9,5200			9,5200					
Certificate	NL0012372908	TN10 110.9TL OPENH	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	NL0012372890	TN10 111.9TL OPENH	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	NL0012372882	TN10 112.9TL OPENH	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	DE000CR4J7F5	TN10 113.1TL OPENZ	EUR	4,9750	4,9750	4,8150			4,8150					
Certificate	NL0012372874	TN10 113.9TL OPENH	EUR	5,9600	5,9600	5,9600			5,9600					
Certificate	DE000CJ3N2D3	TN10 116.1TL OPENZ	EUR	2,3750	2,3750	2,1400	58985,8000	18		26470				
Certificate	NL0012310452	TN10 118.3TL OPENH	EUR											
Certificate	DE000CJ3NNC2	TN10 120.4TS OPENZ	EUR	1,4750	1,7200	1,4750	81887,8200	23	1,6600	48000				
Certificate	NL0012579585	TN10 121.2TS OPENH	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0012551097	TN10 123.1TS OPENH	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	DE000CE6EUN1	TN10 123.4TS OPENZ	EUR	4,0900	4,2850	4,0900			4,2850					
Certificate	NL0011996798	TN10 124.1TS OPENH	EUR	8,1600	8,1600	8,1600			8,1600					
Certificate	NL0012313464	TN10 125.2TS OPENH	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	NL0012313456	TN10 126.1TS OPENH	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	DE000CR6YN46	TN10 126.1TS OPENZ	EUR	6,4200	6,6200	6,4200			6,6200					
Certificate	NL0012310437	TN10 126.5TS OPENH	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	NL0012310429	TN10 127.4TS OPENH	EUR	9,9700	9,9700	9,9700			9,9700					
Certificate	NL0012313449	TN10 128.1TS OPENH	EUR	10,5300	10,5300	10,5300			10,5300					
Certificate	DE000CV4ZV56	TN10 128.2TS OPENZ	EUR	8,3200	8,5400	8,3200			8,5400					
Certificate	NL0012310411	TN10 128.4TS OPENH	EUR	10,8400	10,8400	10,8400			10,8400					
Certificate	DE000CR9Q773	TN10 130.9TS OPENZ	EUR	10,6300	10,8500	10,6300			10,8500					
Certificate	NL0012313407	TN10 131.9TS OPENH	EUR	13,9800	13,9800	13,9800			13,9800					
Certificate	NL0012313399	TN10 132.9TS OPENH	EUR	14,8500	14,8500	14,8500			14,8500					
Certificate	DE000CN6K4X9	TN10 133.6TS OPENZ	EUR	12,9800	13,2100	12,9800			13,2100					
Certificate	NL0012313381	TN10 133.8TS OPENH	EUR	15,7100	15,7100	15,7100			15,7100					
Certificate	NL0012313373	TN10 134.8TS OPENH	EUR	16,5800	16,5800	16,5800			16,5800					
Certificate	NL0012313365	TN10 135.8TS OPENH	EUR	17,4300	17,4300	17,4300			17,4300					
Certificate	DE000CD61AF6	TN10 136.3TS OPENZ	EUR	15,3900	15,6200	15,3900			15,6200					
Certificate	NL0012313357	TN10 136.7TS OPENH	EUR	18,3100	18,3100	18,3100			18,3100					
Certificate	NL0012372825	TN10 137.9TS OPENH	EUR	19,3700	19,3700	19,3700			19,3700					
Certificate	NL0012372817	TN10 138.9TS OPENH	EUR	20,2500	20,2500	20,2500			20,2500					
Certificate	DE000CE6C667	TN10 139.2TS OPENZ	EUR	17,9000	18,1500	17,9000			18,1500					
Certificate	NL0012538169	TN10 140.2TS OPENH	EUR	21,4400	21,4400	21,4400			21,4400					
Certificate	NL0012437768	TN10 141.3TS OPENH	EUR	22,3700	22,3700	22,3700			22,3700					
Certificate	NL0012372809	TN10 144.8TS OPENH	EUR	25,5000	25,5000	25,5000			25,5000					
Certificate	DE000CE6EUP6	TN10 144.9TS OPENZ	EUR	22,9500	23,2200	22,9500			23,2200					
Certificate	NL0012372791	TN10 149.6TS OPENH	EUR	29,8800	29,8800	29,8800			29,8800					
Certificate	NL0012372783	TN10 154.5TS OPENH	EUR	34,2500	34,2500	34,2500			34,2500					
Certificate	NL0012372775	TN10 159.4TS OPENH	EUR	38,6300	38,6300	38,6300			38,6300					
Certificate	NL0012372767	TN10 164.3TS OPENH	EUR	43,0000	43,0000	43,0000			43,0000					



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	NL0012372759	TN10 174.1TS OPENH	EUR	51,7600	51,7600	51,7600			51,7600					
Certificate	NL0012899504	TN10 70.41TL OPENH	EUR	43,5200	43,5200	43,5200			43,5200					
Certificate	NL0012372940	TN10 80.12TL OPENH	EUR	35,1400	35,1400	35,1400			35,1400					
Certificate	NL0012615694	TN10 85.66TL OPENH	EUR	30,3600	30,3600	30,3600			30,3600					
Certificate	NL0012372932	TN10 90.36TL OPENH	EUR	26,3000	26,3000	26,3000			26,3000					
Certificate	NL0012372924	TN10 95.48TL OPENH	EUR	21,8800	21,8800	21,8800			21,8800					
Certificate	DE000CM73MF7	TN10 97.37TL OPENZ	EUR	18,7800	18,7800	18,6800			18,6800					
Certificate	DE000CJ3N591	TNCT 168.5TL OPENZ	EUR	1,2550	1,3250	1,2550			1,3250					
Certificate	DE000CV8BDK4	TNCT 188.5TL OPENZ	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	DE000CV8ALP8	TNCT 210.8TL OPENZ	EUR	0,8250	0,9050	0,8250			0,9050					
Certificate	DE000CV89PB6	TNCT 233.4TL OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	DE000CV8ALQ6	TNCT 255.1TL OPENZ	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	DE000CJ3PDN5	TNCT 275.1TL OPENZ	EUR											
Certificate	DE000CJ3PGM0	TNCT 275.1TL OPENZ	EUR											
Certificate	DE000CE6BQS4	TOMTO LEVOPENZ	EUR	0,1240	0,1240	0,1240			0,1240					
Certificate	DE000CE6BQH7	TOMTO SHROPENZ	EUR	0,6560	0,6560	0,6560			0,6560					
Certificate	DE000CX59KZ5	TOMTO 7TL OPENC	EUR											
Certificate	DE000CJ3NLN3	TOMTO 8TS 1218Z	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	NL0012795405	TOMTO 98OC1218Z	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	DE000CJ3NUT1	TOMTO 9TS 1218Z	EUR	2,7750	2,7750	2,7750			2,7750					
Certificate	NL0012793087	TOMTO 10BOC1218B	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	DE000CV8AE52	TOMTO 10TS 1218Z	EUR	3,7750	3,7750	3,7750			3,7750					
Certificate	NL0012494652	TOMTO 11BOC1218B	EUR	6,3300	6,3300	6,2300			6,2300					
Certificate	DE000CV8ABU9	TOMTO 11TS 1218Z	EUR	4,7650	4,7650	4,7650			4,7650					
Certificate	NL0009966746	TOMTO 2.7TL OPENB	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	NL0010012274	TOMTO 3.1TL OPENB	EUR	3,6250	3,6250	3,6250			3,6250					
Certificate	NL0010378576	TOMTO 3.4TL OPENB	EUR	3,3900	3,3900	3,3750	3451,0200	1	3,3750	1018				
Certificate	NL0010441796	TOMTO 4.2TL OPENB	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	NL0010652277	TOMTO 4.7TL OPENB	EUR	2,3000	2,3000	2,2150	1150,0000	1	2,2150	500				
Certificate	NL0010887923	TOMTO 4.9TL OPENB	EUR	1,9650	1,9650	1,7850	9015,2500	4	1,8650	4875				
Certificate	NL0010656575	TOMTO 5.2TL OPENB	EUR	1,7000	1,7950	1,6950	1020,0000	1	1,7950	600				
Certificate	DE000CC608R9	TOMTO 5.2TL OPENC	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	NL0010875381	TOMTO 5.3TL OPENB	EUR	1,6350	1,6350	1,4100	1470,0000	2	1,5350	1000				
Certificate	NL0010913729	TOMTO 5.6TL OPENB	EUR	1,1300	1,2150	1,1250	3122,5000	2	1,2150	2750				
Certificate	NL0013012891	TOMTO 5.9TL OPENB	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	NL0013012909	TOMTO 6.2TL OPENB	EUR											
Certificate	NL0013013683	TOMTO 6.5TL OPENB	EUR											
Certificate	NL0013015761	TOMTO 6.8TS OPENB	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	NL0013012990	TOMTO 6.8TS OPENB	EUR											
Certificate	NL0013013006	TOMTO 7.3TS OPENB	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	NL0013006026	TOMTO 7.8TS OPENB	EUR	2,5150	2,5150	2,5150			2,5150					
Certificate	NL0012999700	TOMTO 8.3TS OPENB	EUR	3,0550	3,0550	3,0550			3,0550					
Certificate	NL0012796510	TOMTO 8.7BOC0919Z	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	NL0012795413	TOMTO 8.9BOC0319Z	EUR	6,5900	6,5900	6,5900			6,5900					
Certificate	NL0012509780	TOMTO 9.4TS OPENB	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	NL0012796528	TOMTO 9.7BOC1219Z	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	NL0012789986	TOMTO 9.9TS OPENB	EUR	4,7350	4,7350	4,7350			4,7350					
Certificate	NL0011593413	TOMTO 10.2TS OPENH	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	NL0012313308	TOMTO 12.2TS OPENH	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	NL0012313340	TOMTO 2.47TL OPENH	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	NL0012313332	TOMTO 3.08TL OPENH	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0010154977	TOMTO 3.49TL OPENA	EUR											
Certificate	NL0012313324	TOMTO 3.69TL OPENH	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	NL0011039920	TOMTO 4.52TL OPENH	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CJ3NM81	TOMTO 4.93TL OPENZ	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	DE000CJ3NMM3	TOMTO 4.98TL OPENZ	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000CJ3NLL7	TOMTO 5.05TL 1218Z	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	LU1817373522	TOMTO 5.08TCIOPENS	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0011039912	TOMTO 5.17TL OPENH	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CZ7DOP5	TOMTO 5.18TL OPENZ	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	NL0011040597	TOMTO 5.38TL OPENH	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CV89UR2	TOMTO 5.47TL OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000CJ3NLM5	TOMTO 5.55TL 1218Z	EUR	0,6400	0,7850	0,6400	320,0000	1	0,7850	500				
Certificate	NL0011039904	TOMTO 5.59TL OPENH	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CB1MWW0	TOMTO 5.61TL OPENZ	EUR	0,6800	0,7250	0,5900	2529,0000	6	0,7250	3950				
Certificate	LU1817373795	TOMTO 5.71TCIOPENS	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	NL0012901680	TOMTO 5.79TL OPENH	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CJ3NMM1	TOMTO 5.81TL OPENZ	EUR	0,5500	0,5600	0,4200	10901,1500	23	0,5250	24220				
Certificate	DE000CJ3PDH7	TOMTO 5.92TL OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	DE000CJ3NTQ9	TOMTO 5.93TL OPENZ	EUR											
Certificate	DE000CJ3PCL1	TOMTO 5.95TL 1218Z	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	NL0012904627	TOMTO 5.98TL 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	NL0013085202	TOMTO 6.28TL OPENH	EUR											
Certificate	DE000CJ3PEZ7	TOMTO 6.37TL OPENZ	EUR											
Certificate	NL0013086275	TOMTO 6.49TL OPENH	EUR											
Certificate	NL0013013402	TOMTO 6.73BS OPENB	EUR											
Certificate	NL0013085194	TOMTO 6.98TS OPENH	EUR	1,9300	1,9300	1,9300				1,9300				
Certificate	DE000CJ3PB90	TOMTO 7.62TS OPENZ	EUR	1,9950	1,9950	1,9950				1,9950				
Certificate	NL0011995857	TOMTO 7.64TL OPENH	EUR											
Certificate	NL0012907224	TOMTO 7.98TS OPENH	EUR	3,0900	3,0900	3,0900				3,0900				
Certificate	DE000CJ3NUM6	TOMTO 8.08TS OPENZ	EUR	1,8450	1,8450	1,8450				1,8450				
Certificate	NL0013003288	TOMTO 8.35BOCO919B	EUR	6,4100	6,4100	6,4100				6,4100				
Certificate	DE000CJ3NV19	TOMTO 8.52TS OPENZ	EUR	2,9950	2,9950	2,9950				2,9950				
Certificate	NL0012900047	TOMTO 8.59TS OPENH	EUR	3,8200	3,8200	3,8200				3,8200				
Certificate	NL0013003296	TOMTO 8.65BOCO919B	EUR	6,3900	6,3900	6,3900				6,3900				
Certificate	DE000CJ3NUN4	TOMTO 8.68TS OPENZ	EUR	2,4350	2,4350	2,4350				2,4350				
Certificate	NL0012994925	TOMTO 8.72BS OPENB	EUR	2,7250	2,7250	2,7250				2,7250				
Certificate	NL0012888788	TOMTO 8.97TS OPENH	EUR	4,2600	4,2600	4,2600				4,2600				
Certificate	NL0012549554	TOMTO 9.18TS OPENH	EUR	4,5100	4,5100	4,5100				4,5100				
Certificate	DE000CJ3NUP9	TOMTO 9.28TS OPENZ	EUR	3,0350	3,0350	3,0350				3,0350				
Certificate	DE000CE6FK40	TOMTO 9.33TS OPENZ	EUR	3,8750	3,8750	3,8750				3,8750				
Certificate	NL0012539357	TOMTO 9.35TS OPENH	EUR	4,7100	4,7100	4,7100				4,7100				
Certificate	NL0012544712	TOMTO 9.56TS OPENH	EUR	4,9500	4,9500	4,9500				4,9500				
Certificate	NL0012936306	TOMTO 9.76TS OPENH	EUR	5,1900	5,1900	5,1900				5,1900				
Certificate	NL0012539340	TOMTO 9.84TS OPENH	EUR	5,2800	5,2800	5,2800				5,2800				
Certificate	NL0011535257	TOMTO10.37BS OPENB	EUR	4,3850	4,3850	4,3850				4,3850				
Certificate	NL0011742853	TOMTO10.76TS OPENH	EUR	6,3600	6,3600	6,3600				6,3600				
Certificate	NL0011732458	TOMTO11.29TS OPENH	EUR	6,9800	6,9800	6,9800				6,9800				
Certificate	NL0011586664	TOMTO11.57TS OPENH	EUR	7,3100	7,3100	7,3100				7,3100				
Certificate	NL0012365506	TOMTO12.81TS OPENH	EUR	8,7800	8,7800	8,7800				8,7800				
Certificate	NL0011235262	TOMTO12.92TS OPENH	EUR	8,9100	8,9100	8,9100				8,9100				
Certificate	NL0012546543	TOMTO13.49TS OPENH	EUR	9,5700	9,5700	9,5700				9,5700				
Certificate	NL0012369896	TOMTO14.58TS OPENH	EUR	10,8500	10,8500	10,8500				10,8500				
Certificate	DE000CJ3NML5	TOMTO3.657TL OPENZ	EUR	2,6550	2,6550	2,6550				2,6550				
Certificate	NL0012998866	TOMTO4.1368L OPENB	EUR	2,3850	2,3850	2,3850				2,3850				
Certificate	DE000CV89VN9	TOMTO4.161TL OPENZ	EUR	2,1550	2,1550	2,1550				2,1550				
Certificate	NL0011903612	TOMTO4.6378L OPENB	EUR	1,9500	1,9850	1,8050	18967,5000	4		1,8850	9750			
Certificate	DE000CV89RQ0	TOMTO4.668TL OPENZ	EUR	1,6550	1,6550	1,6550				1,6550				
Certificate	DE000CF80TP0	TOMTO5.034TL OPENC	EUR	1,2200	1,2200	1,2200				1,2200				
Certificate	NL0011900162	TOMTO5.1688L OPENB	EUR	1,4900	1,4900	1,3550	7348,6600	2		1,3550	5234			
Certificate	DE000CB1MST9	TOMTO5.399TL OPENZ	EUR	0,9350	0,9350	0,9350				0,9350				
Certificate	NL0011644935	TOMTO5.6998L OPENB	EUR	0,8900	0,8900	0,8250	3035,9000	2		0,8250	3415			
Certificate	DE000CJ3PC81	TOMTO6.113TL OPENZ	EUR	0,2900	0,3200	0,0980	1541,0000	10		0,2350	8225			
Certificate	NL0013013352	TOMTO6.1998L OPENB	EUR											
Certificate	DE000CJ3PEM5	TOMTO6.412TL OPENZ	EUR											
Certificate	DE000CJ3PA83	TOMTO6.986TS OPENZ	EUR	0,7550	0,7550	0,7550				0,7550				
Certificate	NL0013013410	TOMTO7.222BS OPENB	EUR	1,2350	1,2350	1,2350				1,2350				
Certificate	DE000CJ3PA91	TOMTO7.535TS OPENZ	EUR	1,3050	1,3050	1,3050				1,3050				
Certificate	NL0012999080	TOMTO8.221BS OPENB	EUR	2,2250	2,2250	2,2250				2,2250				
Certificate	NL0012983696	TOMTO9.713BS OPENB	EUR	3,7250	3,7250	3,7250				3,7250				
Certificate	DE000CV8A575	TOMTO9.874TS OPENZ	EUR	3,6250	3,6250	3,6250				3,6250				
Certificate	NL0006527202	TOTAL 8TL OPENB	EUR	43,9500	43,9500	43,9500				43,9500				
Certificate	DE000CX0IQQ1	TOTAL 30TL OPENC	EUR	2,4300	2,4300	2,4300				2,4300				
Certificate	DE000CX00435	TOTAL 32TL OPENC	EUR	2,3800	2,3800	2,3800				2,3800				
Certificate	NL0011722277	TOTAL 34TL OPENH	EUR	18,4700	19,6200	18,4700				19,6200				
Certificate	DE000CC5KFK9	TOTAL 35TL OPENC	EUR	1,9400	1,9400	1,9400				1,9400				
Certificate	DE000CW42R19	TOTAL 35TL OPENC	EUR	2,0800	2,0800	2,0800				2,0800				
Certificate	NL0011722269	TOTAL 35TL OPENH	EUR	17,5000	18,6400	17,5000				18,6400				
Certificate	DE000CX00PF0	TOTAL 36TL OPENC	EUR	1,7900	1,7900	1,7900				1,7900				
Certificate	DE000CX00PM6	TOTAL 36TL OPENC	EUR	1,9700	1,9700	1,9700				1,9700				
Certificate	NL0011975545	TOTAL 36TL OPENH	EUR	16,5700	17,7100	16,5700				17,7100				
Certificate	DE000CX00FT2	TOTAL 38TL OPENC	EUR	1,5500	1,5500	1,5500				1,5500				
Certificate	DE000CX00EU3	TOTAL 38TL OPENC	EUR	1,7500	1,7500	1,7500				1,7500				
Certificate	DE000CX59AM4	TOTAL 40TL OPENC	EUR	1,4800	1,4800	1,4800				1,4800				
Certificate	DE000CY50GE5	TOTAL 40TL OPENC	EUR	1,2300	1,2300	1,2300				1,2300				
Certificate	NL0013085442	TOTAL 56TS OPENH	EUR	10,5400	10,5400	9,4000				9,4000				
Certificate	NL0012905269	TOTAL 58TS OPENH	EUR	12,7000	12,7000	11,5700				11,5700				
Certificate	NL0006468068	TOTAL 11.5TL OPENB	EUR	40,7200	40,7200	40,7200				40,7200				
Certificate	NL0006469330	TOTAL 15.1TL OPENB	EUR	37,3500	37,3500	37,3500				37,3500				
Certificate	NL0010117628	TOTAL 18.2TL OPENB	EUR	34,4900	34,4900	34,4900				34,4900				
Certificate	NL0010127619	TOTAL 21.5TL OPENB	EUR	31,4200	31,4200	31,4200				31,4200				
Certificate	NL0010131835	TOTAL 25.2TL OPENB	EUR	28,0100	28,0100	28,0100				28,0100				
Certificate	NL0010514758	TOTAL 28.9TL OPENB	EUR	24,5400	24,5400	24,5400				24,5400				
Certificate	NL0010889903	TOTAL 28.9TL OPENB	EUR	23,2100	24,5500	23,2100				24,5500				



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	NL0011649678	TOTAL 31.6TL OPENB	EUR	22,0300	22,0300	22,0300			22,0300					
Certificate	NL0011722285	TOTAL 31.9TL OPENH	EUR	20,4100	21,5500	20,4100			21,5500					
Certificate	NL0011800115	TOTAL 34.2TL OPENB	EUR	19,6000	19,6000	19,6000			19,6000					
Certificate	NL0012019368	TOTAL 36.8TL OPENB	EUR	17,1700	17,1700	17,1700			17,1700					
Certificate	NL0011979877	TOTAL 38.1TL OPENH	EUR	14,6200	15,7600	14,6200			15,7600					
Certificate	NL0011997382	TOTAL 39.1TL OPENH	EUR	13,6500	14,7900	13,6500			14,7900					
Certificate	NL0012038038	TOTAL 39.4TL OPENB	EUR	14,7900	14,7900	14,7900			14,7900					
Certificate	NL0012049993	TOTAL 40.1TL OPENH	EUR	12,7200	13,8600	12,7200			13,8600					
Certificate	NL0012520811	TOTAL 41.3TL OPENH	EUR	11,6900	12,8300	11,6900			12,8300					
Certificate	NL0012579577	TOTAL 43.2TL OPENH	EUR	9,9100	11,0500	9,9100			11,0500					
Certificate	NL0012594766	TOTAL 44.2TL OPENH	EUR	8,9200	10,0600	8,9200			10,0600					
Certificate	NL0012602908	TOTAL 45.3TL OPENH	EUR	7,9600	9,1000	7,9600			9,1000					
Certificate	NL0012603724	TOTAL 46.3TL OPENH	EUR	7,0300	8,1700	7,0300	407,0000	1	8,1700	55				
Certificate	NL0012605661	TOTAL 47.3TL OPENH	EUR	6,1000	7,2400	6,1000			7,2400					
Certificate	NL0012919849	TOTAL 49.3TL OPENH	EUR											
Certificate	NL0012608186	TOTAL 62.1TS OPENH	EUR	17,0600	17,0600	15,9300			15,9300					
Certificate	NL0012903934	TOTAL 71.5TS OPENH	EUR	27,2600	27,2600	26,1200			26,1200					
Certificate	DE000CM4ACY9	TOTAL22.12TL OPENZ	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	DE000CN6JUB4	TOTAL34.32TL OPENZ	EUR	16,9900	16,9900	16,9900			16,9900					
Certificate	DE000CC3ZA86	TOTAL35.16TL OPENC	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000CD61TM2	TOTAL38.29TL OPENZ	EUR	13,0400	13,0400	13,0400			13,0400					
Certificate	DE000CV87M86	TOTAL43.27TL OPENZ	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	DE000CV88LM4	TOTAL48.22TL OPENZ	EUR	3,1950	3,1950	3,1950			3,1950					
Certificate	DE000CV8ASW9	TOYOT 5240TL OPENZ	EUR	1,1600	1,2700	1,1600			1,2700					
Certificate	DE000CV8ASX7	TOYOT 6302TL OPENZ	EUR	0,3700	0,4900	0,3700			0,4900					
Certificate	NL0013010598	TOYOT 93.6BL OPENB	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	NL0012988885	TOYOT101.1BL OPENB	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0012771067	TOYOT108.5BL OPENB	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0012699953	TOYOT116.1BL OPENB	EUR											
Certificate	NL0013010663	TOYOT121.2BS OPENB	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	NL0012973861	TOYOT133.7BS OPENB	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	NL0012700140	TOYOT146.1BS OPENB	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000CJ3NQV5	TRIPA33.63TL OPENZ	EUR	1,1950	1,3050	1,1950			1,3050					
Certificate	DE000CV8AFA2	TRIPA40.67TL OPENZ	EUR	0,5950	0,7800	0,5950	54,6000	1	0,6950	70				
Certificate	DE000CV4YZ46	TUI A 14.TL OPENZ	EUR	0,1100	0,1450	0,1100	165,0000	1	0,1450	1500				
Certificate	DE000CV8B656	TUI A 10.5TL OPENZ	EUR	0,7900	0,8450	0,7900	6636,0000	1	0,8450	8400				
Certificate	DE000CV4YX21	TUI A 12.5TL OPENZ	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	NL0000458198	TURKUE CT OPENN	EUR	14,3800	14,3800	14,3800			14,3800					
Certificate	NL0009176114	TURKT 546TL OPENB	EUR	6,7250	6,7250	6,7250			6,7250					
Certificate	NL0009176833	TURKT 641TL OPENB	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	NL0010047163	TURKT 758TL OPENB	EUR	3,6450	3,6450	3,6450			3,6450					
Certificate	DE000CJ3PES2	TWI 1.11TL OPENZ	EUR	0,5150	0,5250	0,5150			0,5250					
Certificate	DE000CV4ZQZ2	TWI 1.306TL OPENZ	EUR	0,3050	0,3150	0,3050			0,3150					
Certificate	DE000CV4ZQW9	TWI 1.516TL OPENZ	EUR											
Certificate	DE000CX01NU2	TWTR 10TL OPENC	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000CX593U2	TWTR 16TL OPENC	EUR											
Certificate	DE000CV51L78	TWTR 17TL OPENC	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	DE000CV52AN5	TWTR 20TL OPENC	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	DE000CP06UW8	TWTR 20TL OPENC	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CQ5BW29	TWTR 20TL OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CQ5AG79	TWTR 22TL OPENC	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	DE000CJ3NXW9	TWTR 24TL 1218Z	EUR	0,7050	1,3950	0,7050			1,3950					
Certificate	DE000CQ5A6A8	TWTR 24TL OPENC	EUR	0,5700	0,6700	0,5100	4183,0000	4	0,6000	7150				
Certificate	DE000CX0JT01	TWTR 24TS OPENC	EUR											
Certificate	DE000CY16XR3	TWTR 25TS OPENC	EUR											
Certificate	DE000CP06UX6	TWTR 26TL OPENC	EUR	0,2700	0,5900	0,2700	830,0000	3	0,5100	2000				
Certificate	DE000CQ5A6B6	TWTR 26TL OPENC	EUR											
Certificate	DE000CJ3PBF5	TWTR 27TL 1218Z	EUR	0,2600	0,8650	0,2600			0,8650					
Certificate	DE000CP06MN4	TWTR 30TS OPENC	EUR											
Certificate	DE000CP07BD6	TWTR 30TS OPENC	EUR											
Certificate	DE000CP06990	TWTR 32TS OPENC	EUR	0,3700	0,3700	0,3600	370,0000	1	0,3600	1000				
Certificate	DE000CP069A5	TWTR 34TS OPENC	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	DE000CQ5AJA7	TWTR 34TS OPENC	EUR											
Certificate	DE000CP06826	TWTR 35TS OPENC	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CP067G6	TWTR 36TS OPENC	EUR	0,4100	0,4100	0,3900	805,0000	2	0,3900	2000				
Certificate	DE000CQ5BU70	TWTR 38TS OPENC	EUR	0,5100	0,5600	0,5100	91,8000	1	0,5600	180				
Certificate	DE000CQ5BW37	TWTR 40TS OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CP061D6	TWTR 40TS OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CP061E4	TWTR 42TS OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CJ3NJ78	TWTR 22.5TL 1218Z	EUR	0,9650	1,6550	0,9650			1,6550					
Certificate	DE000CJ3NJ86	TWTR 25.5TL 1218Z	EUR	0,4900	1,1250	0,4900			1,1250					
Certificate	DE000CV8A9G6	TWTR 25.7TL OPENZ	EUR	0,4000	1,0650	0,4000	400,0000	1	1,0650	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	NL0012778096	TWTR 29.5TS OPENB	EUR											
Certificate	NL0012997852	TWTR 30.9TS OPENB	EUR											
Certificate	NL0012996532	TWTR 32.4TS OPENB	EUR											
Certificate	NL0012995948	TWTR 33.9TS OPENB	EUR	7,2650	7,2650	7,2650			7,2650					
Certificate	NL0012971105	TWTR 44.4TS OPENB	EUR											
Certificate	NL0012971980	TWTR 48.9TS OPENB	EUR	22,7850	22,7850	22,7850			22,7850					
Certificate	NL0011645981	TWTR 12.08BL OPENB	EUR	17,7300	17,7300	17,7300			17,7300					
Certificate	DE000CJ3NSU3	TWTR 17.11TL OPENZ	EUR	1,8650	2,5650	1,8650			2,5650					
Certificate	DE000CV8AHT8	TWTR 20.62TL OPENZ	EUR	1,2550	1,9450	1,2550			1,9450					
Certificate	DE000CJ3NSQ8	TWTR 22.67TL OPENZ	EUR	0,9150	1,5950	0,9150			1,5950					
Certificate	DE000CJ3NSV1	TWTR 24.18TL OPENZ	EUR	0,6550	1,3250	0,6550			1,3250					
Certificate	DE000CJ3PBN9	TWTR 27.19TL OPENZ	EUR	0,2100	0,8400	0,2100	12560,0000	2	0,8150	16000				
Certificate	NL0012780548	TWTR 29.01BS OPENB	EUR											
Certificate	NL0012997696	TWTR 30.74BS OPENB	EUR	2,8700	2,9150	2,2600	11955,0000	3	2,2600	4750				
Certificate	DE000CJ3NS22	TWTR 31.41TS OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0012996193	TWTR 32.74BS OPENB	EUR											
Certificate	NL0012995641	TWTR 34.74BS OPENB	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	DE000CV8BCG4	TWTR 34.91TS OPENZ	EUR	1,3050	1,3050	0,6150			0,6150					
Certificate	DE000CV8AG76	TWTR 39.91TS OPENZ	EUR	2,1650	2,1650	1,4750			1,4750					
Certificate	DE000CV8B5C2	TWTR 44.93TS OPENZ	EUR	3,0350	3,0350	2,3550			2,3550					
Certificate	NL0012971386	TWTR 48.73BS OPENB	EUR	15,4300	15,5750	15,0700	3050,0000	2	15,5750	200				
Certificate	NL0013003494	UBS 16TS OPENB	EUR	3,7000	3,7000	3,4900			3,4900					
Certificate	NL0009864065	UBS 5.4TL OPENB	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	NL0011904826	UBS 10.3TL OPENB	EUR	3,1800	3,3700	3,1800			3,3700					
Certificate	NL0011906805	UBS 10.9TL OPENB	EUR	2,6800	2,8700	2,6800			2,8700					
Certificate	NL0013011760	UBS 11.5TL OPENB	EUR	2,1700	2,3600	2,1700			2,3600					
Certificate	NL0013011778	UBS 12.1TL OPENB	EUR	1,6800	1,8700	1,6800			1,8700					
Certificate	NL0013011786	UBS 12.8TL OPENB	EUR	1,1000	1,3000	1,0800	8856,0000	2	1,3000	8200				
Certificate	NL0013012230	UBS 13.5TL OPENB	EUR											
Certificate	NL0013011034	UBS 14.6TS OPENB	EUR	2,2900	2,2900	2,0900			2,0900					
Certificate	NL0012683494	UBS 17.8TS OPENB	EUR	5,3700	5,3700	5,1600			5,1600					
Certificate	NL0013002017	UBS 19.4TS OPENB	EUR	6,9300	6,9300	6,7200			6,7200					
Certificate	DE000CN6J877	UBS 10.94TL OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000CD63724	UBS 12.42TL OPENZ	EUR	0,2200	0,2200	0,1650	2200,0000	1	0,1650	10000				
Certificate	DE000CD63L79	UBS 13.89TL OPENZ	EUR											
Certificate	DE000CD61YX9	UBS 9.431TL OPENZ	EUR	0,6850	0,6850	0,6850			0,6850					
Certificate	CH0025955425	UBS FIN	EUR											
Certificate	CH0025957900	UBS GDS	EUR											
Certificate	CH0025957470	UBS HLTH	EUR											
Certificate	CH0025955102	UBS L200	EUR											
Certificate	CH0025955193	UBS M200	EUR											
Certificate	CH0025957553	UBS MEDIA	EUR											
Certificate	CH0025955144	UBS S200	EUR											
Certificate	NL0006469348	UCB S 8.7TL OPENB	EUR	62,6950	62,6950	62,6950			62,6950					
Certificate	NL0009177765	UCB S 17.5TL OPENB	EUR	54,5450	54,5450	54,5450			54,5450					
Certificate	NL0009679273	UCB S 20.7TL OPENB	EUR	51,4950	51,4950	51,4950			51,4950					
Certificate	NL0010763900	UCB S 49.6TL OPENB	EUR	24,6050	24,6050	24,6050			24,6050					
Certificate	NL0012040141	UCB S 52.1TL OPENB	EUR	22,3700	22,3700	22,3350	2237,0000	1	22,3350	100				
Certificate	NL0012040158	UCB S 54.7TL OPENB	EUR	19,9450	19,9450	19,9450			19,9450					
Certificate	NL0012493647	UCB S 57.2TL OPENB	EUR	17,6050	17,6050	17,6050			17,6050					
Certificate	NL0012785943	UCB S 59.7TL OPENB	EUR	15,2850	15,2850	15,2850			15,2850					
Certificate	NL0012789929	UCB S 62.2TL OPENB	EUR	12,9650	12,9650	12,9650			12,9650					
Certificate	NL0012984561	UCB S 69.7TL OPENB	EUR											
Certificate	NL0012985436	UCB S 72.2TL OPENB	EUR											
Certificate	NL0013014301	UCB S 75.7TS OPENB	EUR	11,1050	11,1050	11,1050			11,1050					
Certificate	NL0012999718	UCB S 80.7TS OPENB	EUR	16,5350	16,5350	16,5350			16,5350					
Certificate	NL0012988257	UCB S 85.8TS OPENB	EUR	21,9950	21,9950	21,9950			21,9950					
Certificate	NL0012997555	UCB S 90.9TS OPENB	EUR	27,4950	27,4950	27,4950			27,4950					
Certificate	DE000CD64220	UCB S45.71TL OPENZ	EUR	4,9400	5,0400	4,9400			5,0400					
Certificate	DE000CR1K6D2	UCB S51.71TL OPENZ	EUR	1,8750	1,9250	1,8750			1,9250					
Certificate	DE000CE6EA01	UCB S55.67TL OPENZ	EUR	2,9600	3,0550	2,9600			3,0550					
Certificate	DE000CE6F5N3	UCB S59.65TL OPENZ	EUR	2,1700	2,2650	2,1700			2,2650					
Certificate	DE000CV898P7	UCB S64.64TL OPENZ	EUR	1,1900	1,2850	1,1900			1,2850					
Certificate	NL0013008782	UCB S65.27BL OPENB	EUR	0,6450	0,6450	0,6450			0,6450					
Certificate	NL0012995476	UCB S68.28BL OPENB	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	DE000CV8AE03	UCB S69.63TL OPENZ	EUR	0,1900	0,1900	0,1900			0,1900					
Certificate	NL0012992911	UCB S71.29BL OPENB	EUR											
Certificate	NL0013009129	UCB S76.58BS OPENB	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	NL0012993133	UCB S81.57BS OPENB	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	DE000CV89C45	UCB S86.19TS OPENZ	EUR	3,2600	3,2600	3,1650			3,1650					
Certificate	NL0012993141	UCB S86.54BS OPENB	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000CV8AGR4	UCB S96.19TS OPENZ	EUR	5,2600	5,2600	5,1600			5,1600					



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	NL0012271449	UMICO 29TL OPENB	EUR	28,1600	28,1600	28,1600			28,1600					
Certificate	NL0012494124	UMICO 32TL OPENB	EUR	22,6400	22,6400	22,6400			22,6400					
Certificate	NL0012796692	UMICO 518OC0919Z	EUR	38,3800	40,1100	38,3800			40,1100					
Certificate	NL00009521756	UMICO 9.3TL OPENB	EUR	63,9100	63,9100	63,9100			63,9100					
Certificate	NL0000998699	UMICO 11.2TL OPENB	EUR	60,5100	60,5100	60,5100			60,5100					
Certificate	NL0011652474	UMICO 17.7TL OPENB	EUR											
Certificate	NL0011806062	UMICO 19.8TL OPENB	EUR											
Certificate	DE000CN6KGK2	UMICO 20.2TL OPENZ	EUR	37,7400	40,5200	37,7400			40,5200					
Certificate	NL0011906813	UMICO 22.1TL OPENB	EUR	40,6400	40,6400	40,6400			40,6400					
Certificate	NL0012112551	UMICO 22.9TL OPENB	EUR	39,2400	39,2400	39,2400			39,2400					
Certificate	NL0012118350	UMICO 23.7TL OPENB	EUR	37,7800	37,7800	37,7800			37,7800					
Certificate	NL0012261259	UMICO 25.2TL OPENB	EUR											
Certificate	NL0012499032	UMICO 33.5TL OPENB	EUR	19,8200	19,8200	19,8200			19,8200					
Certificate	NL0012512628	UMICO 36.6TL OPENB	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	NL0012581276	UMICO 37.7TL OPENH	EUR	0,4500	0,6000	0,4500			0,6000					
Certificate	NL0013012917	UMICO 39.6TL OPENB	EUR											
Certificate	NL0013015779	UMICO 42.8TS OPENB	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	NL0013005663	UMICO 47.8TS OPENB	EUR	12,8100	12,8100	12,8100			12,8100					
Certificate	NL0012986459	UMICO 52.8TS OPENB	EUR	18,3100	18,3100	18,3100			18,3100					
Certificate	NL0012791289	UMICO 57.8TS OPENB	EUR	23,8500	23,8500	23,8500			23,8500					
Certificate	DE000CN6L129	UMICO21.78TL OPENZ	EUR	34,5900	37,3700	34,5900			37,3700					
Certificate	DE000CE6CKM8	UMICO26.51TL OPENZ	EUR	5,0400	5,5900	5,0400			5,5900					
Certificate	NL0012600498	UMICO27.58TL OPENH	EUR	1,3700	1,5300	1,3700			1,5300					
Certificate	DE000CE6CUH7	UMICO29.06TL OPENZ	EUR	4,0200	4,5750	4,0200			4,5750					
Certificate	NL0012581615	UMICO29.62TL OPENH	EUR	1,1800	1,3400	1,1800			1,3400					
Certificate	NL0012581300	UMICO31.65TL OPENH	EUR	1,0000	1,1600	1,0000			1,1600					
Certificate	DE000CE6ER51	UMICO32.05TL OPENZ	EUR	2,8400	3,3850	2,8400			3,3850					
Certificate	NL0012581292	UMICO33.67TL OPENH	EUR	0,8200	0,9700	0,8200			0,9700					
Certificate	NL0013008790	UMICO35.178L OPENB	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	DE000CE6F3L2	UMICO35.54TL OPENZ	EUR	0,7250	0,9950	0,7250			0,9950					
Certificate	NL0012581284	UMICO35.69TL OPENH	EUR	0,6300	0,7900	0,6300			0,7900					
Certificate	NL0013007636	UMICO37.178L OPENB	EUR	0,8000	0,8000	0,7950	4000,0000	1	0,7950	5000				
Certificate	DE000CV502L4	UMICO39.01TL OPENZ	EUR	0,0755	0,0755	0,0755			0,0755					
Certificate	NL0013006166	UMICO39.178L OPENB	EUR											
Certificate	NL0013013360	UMICO41.168L OPENB	EUR											
Certificate	NL0013013923	UMICO42.758S OPENB	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	NL0013006315	UMICO46.748S OPENB	EUR	1,4250	1,4250	1,4250			1,4250					
Certificate	NL0012993158	UMICO50.738S OPENB	EUR	2,2250	2,2250	2,2250			2,2250					
Certificate	NL0012993166	UMICO54.718S OPENB	EUR	3,0250	3,0250	3,0250			3,0250					
Certificate	NL0012795975	UNILV LEVOPENZ	EUR	46,9200	49,5700	46,9200			49,5700					
Certificate	NL0012796015	UNILV SHROPENZ	EUR	49,2300	49,2300	46,5300			46,5300					
Certificate	NL0009258631	UNILV 12TL OPENB	EUR	37,3400	37,3400	37,3400			37,3400					
Certificate	NL0011436274	UNILV 32TL OPENB	EUR	18,7500	18,7500	18,7500			18,7500					
Certificate	DE000CX00476	UNILV 32TL OPENC	EUR	20,4700	20,4700	20,4700			20,4700					
Certificate	DE000CC60219	UNILV 33TL OPENC	EUR	18,8100	18,8100	18,8100			18,8100					
Certificate	DE000CW42AF6	UNILV 35TL OPENC	EUR	17,7000	17,7000	17,7000			17,7000					
Certificate	DE000CW42RF0	UNILV 35TL OPENC	EUR	17,9000	17,9000	17,9000			17,9000					
Certificate	DE000CW42VU1	UNILV 36TL OPENC	EUR	15,3100	15,3100	15,3100			15,3100					
Certificate	DE000CW42WU9	UNILV 36TL OPENC	EUR	16,9300	16,9300	16,9300			16,9300					
Certificate	DE000CV8ABV7	UNILV 37TL 1218Z	EUR	2,1300	2,2300	2,1300	2200,0000	1	2,2300	1000				
Certificate	DE000CJ3N7N1	UNILV 40TL 1218Z	EUR	1,5300	1,6400	1,5300			1,6400					
Certificate	DE000CY16CD7	UNILV 40TL OPENC	EUR	12,0000	12,0000	12,0000			12,0000					
Certificate	DE000CY16AZ4	UNILV 40TL OPENC	EUR	10,2100	10,2100	10,2100			10,2100					
Certificate	DE000VA71UD4	UNILV 41TL 0319V	EUR	6,8450	6,8450	6,8450			6,8450					
Certificate	DE000VA7PWY9	UNILV 42TL 0319V	EUR	5,8650	5,8650	5,8650			5,8650					
Certificate	DE000CP06XH3	UNILV 42TL OPENC	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	DE000CP07AK3	UNILV 42TL OPENC	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	DE000VA7PTL2	UNILV 43TL 0319V	EUR	4,9340	4,9340	4,9340			4,9340					
Certificate	DE000VA3Z0C4	UNILV 43TL 1218V	EUR	4,7420	5,1330	4,7420	19,6200	3	5,1330	4				
Certificate	DE000CV8ABW5	UNILV 43TL 1218Z	EUR	0,9350	1,0400	0,9350			1,0400					
Certificate	DE000VA7PTM0	UNILV 44TL 0319V	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	DE000VA3Z0D2	UNILV 44TL 1218V	EUR	4,1990	4,1990	4,1990			4,1990					
Certificate	DE000CP06XJ9	UNILV 44TL OPENC	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	DE000CP07AL1	UNILV 44TL OPENC	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	DE000VA7PTN8	UNILV 45TL 0319V	EUR	3,1750	3,1750	3,1750			3,1750					
Certificate	DE000VA3Z0E0	UNILV 45TL 1218V	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	DE000CQ5AX37	UNILV 45TL OPENC	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	DE000CQ5B3L1	UNILV 45TL OPENC	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	DE000VA8FS55	UNILV 46TL 0319V	EUR	2,3230	2,3230	2,3230			2,3230					
Certificate	DE000VA8FS48	UNILV 46TL 1218V	EUR	2,3790	2,3790	2,3790			2,3790					
Certificate	NL0012649248	UNILV 47BOC1218Z	EUR	46,8400	46,8950	46,8400			46,8950					
Certificate	DE000VA71NN8	UNILV 47TS 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	DE000VA71NQ1	UNILV 47TS 1218V	EUR											
Certificate	DE000VA7PWV3	UNILV 48TS 0319V	EUR											
Certificate	DE000VA7PWZ6	UNILV 48TS 1218V	EUR											
Certificate	DE000CP06XK7	UNILV 48TS OPENC	EUR											
Certificate	DE000CP07AM9	UNILV 48TS OPENC	EUR											
Certificate	DE000VA7PTF4	UNILV 49TS 0319V	EUR	1,5040	1,5040	1,5040				1,5040				
Certificate	DE000VA71NS7	UNILV 49TS 1218V	EUR	1,3920	1,3920	1,3920				1,3920				
Certificate	NL0012648877	UNILV 50BON0619Z	EUR	49,3150	49,7250	49,3150				49,7250				
Certificate	DE000VA7PTG2	UNILV 50TS 0319V	EUR	2,6760	2,6760	2,6760				2,6760				
Certificate	DE000VAGD5N3	UNILV 50TS 1218V	EUR	2,4870	2,4870	2,4870				2,4870				
Certificate	DE000VA7PTH0	UNILV 51TS 0319V	EUR	3,7120	3,7120	3,7120				3,7120				
Certificate	DE000VA320J9	UNILV 51TS 1218V	EUR	3,4620	3,4620	3,4620				3,4620				
Certificate	DE000VA7PTJ6	UNILV 52TS 0319V	EUR	4,6950	4,6950	4,6950				4,6950				
Certificate	DE000VA320K7	UNILV 52TS 1218V	EUR	4,3950	4,3950	4,3950				4,3950				
Certificate	NL0012648356	UNILV 53BON0619Z	EUR	51,2400	51,4950	51,2400				51,4950				
Certificate	DE000VA7PTK4	UNILV 53TS 0319V	EUR	5,6650	5,6650	5,6650				5,6650				
Certificate	DE000VA320L5	UNILV 53TS 1218V	EUR	5,3250	5,3250	5,3250				5,3250				
Certificate	DE000VA5EL23	UNILV 55TS 1218V	EUR	7,2950	7,2950	7,2950				7,2950				
Certificate	DE000CQ5B0R4	UNILV 55TS OPENC	EUR	6,3400	6,3400	6,3400				6,3400				
Certificate	DE000CP067Y9	UNILV 55TS OPENC	EUR	8,9700	8,9700	8,9700				8,9700				
Certificate	DE000CY165F8	UNILV 55TS OPENC	EUR	3,4300	3,4300	3,4300				3,4300				
Certificate	DE000CY50396	UNILV 55TS OPENC	EUR	6,3600	6,3600	6,3600				6,3600				
Certificate	DE000CY16H29	UNILV 60TS OPENC	EUR	10,5300	10,5300	10,5300				10,5300				
Certificate	DE000CQ5BHR3	UNILV 60TS OPENC	EUR	13,5100	13,5100	13,5100				13,5100				
Certificate	DE000CY16GE6	UNILV 60TS OPENC	EUR	7,8600	7,8600	7,8600				7,8600				
Certificate	DE000CQ5AHT1	UNILV 60TS OPENC	EUR	10,7600	10,7600	10,7600				10,7600				
Certificate	NL0009937184	UNILV 15.4TL OPENB	EUR	34,2100	34,2100	34,2100				34,2100				
Certificate	NL0010012126	UNILV 18.3TL OPENB	EUR	31,5100	31,5100	31,5100				31,5100				
Certificate	NL0010174850	UNILV 19.6TL OPENB	EUR	30,3200	30,3200	30,3200				30,3200				
Certificate	NL0011044946	UNILV 21.9TL OPENH	EUR	28,1200	28,1200	27,9800				27,9800				
Certificate	NL0010875399	UNILV 23.5TL OPENB	EUR	26,6400	26,6700	26,6400				26,6700				
Certificate	NL0010899266	UNILV 26.8TL OPENB	EUR	23,6400	23,6400	23,6400				23,6400				
Certificate	NL0011044912	UNILV 28.3TL OPENH	EUR	22,1800	22,1800	22,0500				22,0500				
Certificate	NL0010919924	UNILV 29.4TL OPENB	EUR	21,1800	21,1800	21,1800				21,1800				
Certificate	NL0011044904	UNILV 30.4TL OPENH	EUR	20,2000	20,2000	20,0600				20,0600				
Certificate	NL0011591599	UNILV 32.3TL OPENH	EUR	18,4500	18,4500	18,3100				18,3100				
Certificate	NL0011591581	UNILV 33.3TL OPENH	EUR	17,4800	17,4800	17,3400				17,3400				
Certificate	NL0011423298	UNILV 34.3TL OPENH	EUR	16,5500	16,5500	16,4100				16,4100				
Certificate	NL0012036073	UNILV 34.6TL OPENB	EUR	16,1000	16,3100	16,1000	241,5000	1		16,3100	15			
Certificate	LU1841031179	UNILV 36.3TCIOFENS	EUR	12,4700	12,4700	12,4700				12,4700				
Certificate	NL0012112320	UNILV 37.2TL OPENB	EUR	13,9100	13,9100	13,9100				13,9100				
Certificate	DE000VN6ZDV1	UNILV 37.9TL OPENV	EUR	11,5050	11,5050	11,5050				11,5050				
Certificate	DE000VN6ZDX7	UNILV 38.9TL OPENV	EUR	10,4750	10,4750	10,4750				10,4750				
Certificate	NL0012112569	UNILV 39.8TL OPENB	EUR	11,5200	11,5200	11,5200				11,5200				
Certificate	DE000VN6ZD22	UNILV 39.9TL OPENV	EUR	9,4450	9,4450	9,4450				9,4450				
Certificate	NL0012684534	UNILV 40.6BL OPENB	EUR	8,1800	8,1800	8,1800				8,1800				
Certificate	DE000VN6ZD12	UNILV 40.9TL OPENV	EUR	8,4150	8,4150	8,4150				8,4150				
Certificate	DE000VN6ZD20	UNILV 41.9TL OPENV	EUR	7,3950	7,3950	7,3950				7,3950				
Certificate	NL0012777940	UNILV 42.3TL OPENB	EUR	9,1700	9,1700	9,1700				9,1700				
Certificate	DE000VL8XHA9	UNILV 42.4TL OPENV	EUR	6,3850	6,3850	6,3850				6,3850				
Certificate	NL0012785968	UNILV 44.8TL OPENB	EUR	6,8000	6,8000	6,8000				6,8000				
Certificate	NL0012648869	UNILV 46.5BON1218Z	EUR	48,2200	48,6050	48,2200				48,6050				
Certificate	NL0013007412	UNILV 47.9TS OPENB	EUR											
Certificate	NL0011044839	UNILV 50.7TS OPENH	EUR	6,3700	6,4900	6,3700				6,4900				
Certificate	NL0012112411	UNILV 52.9TS OPENB	EUR	8,7200	8,7200	8,7200				8,7200				
Certificate	NL0011423231	UNILV 56.3TS OPENH	EUR	12,4500	12,5700	12,4500				12,5700				
Certificate	NL0012774459	UNILV 57.9TS OPENB	EUR	14,1300	14,1300	14,1300				14,1300				
Certificate	NL0011423223	UNILV 59.1TS OPENH	EUR	15,4700	15,6000	15,4700				15,6000				
Certificate	NL0012982581	UNILV 62.8TS OPENB	EUR	19,4700	19,4700	19,4700				19,4700				
Certificate	DE000CZ0HND8	UNILV27.54TL OPENZ	EUR	20,3500	20,8800	20,3500				20,8800				
Certificate	DE000CF80ZW3	UNILV27.67TL OPENC	EUR	24,3300	24,3300	24,3300				24,3300				
Certificate	DE000CC3ZV9	UNILV28.81TL OPENC	EUR	23,1400	23,1400	23,1400				23,1400				
Certificate	DE000CR4JEN4	UNILV32.15TL OPENZ	EUR	15,7400	16,2700	15,7400				16,2700				
Certificate	NL0011442447	UNILV32.61BL OPENB	EUR	16,1700	16,1700	16,1700				16,1700				
Certificate	NL0011442454	UNILV35.32BL OPENB	EUR	13,4400	13,4400	13,4400				13,4400				
Certificate	DE000CN6EXD5	UNILV35.81TL OPENZ	EUR	12,0900	12,6200	12,0900				12,6200				
Certificate	DE000VN6Y2P3	UNILV36.11TL OPENV	EUR	13,5550	13,5550	13,5550				13,5550				
Certificate	DE000VN6Y2Q1	UNILV37.11TL OPENV	EUR	12,5250	12,5250	12,5250				12,5250				
Certificate	NL0012112452	UNILV37.93BL OPENB	EUR	10,8500	10,8500	10,8500				10,8500				
Certificate	DE000CE6BP07	UNILV38.79TL OPENZ	EUR	9,0900	9,6200	9,0900				9,6200				
Certificate	DE000VN6ZDP3	UNILV40.86TL OPENV	EUR											
Certificate	DE000CE6BSD2	UNILV41.77TL OPENZ	EUR	6,1500	6,6800	6,1500				6,6800				



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	LU1696513966	UNILV41.94TCIOPENS	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	NL0012778476	UNILV43.13BL OPENB	EUR	5,5200	5,6600	5,5100	66,2400	1	5,6600	12				
Certificate	DE000VA1B3Q8	UNILV43.44TL OPENV	EUR	5,4400	5,4750	5,3750	810,5600	1	5,3750	149				
Certificate	LU1719638774	UNILV43.68TCIOPENS	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	DE000VA1B3T2	UNILV44.44TL OPENV	EUR	4,3670	4,3670	4,3670			4,3670					
Certificate	DE000VA1SUX2	UNILV45.17TL OPENV	EUR											
Certificate	DE000VA711J7	UNILV45.18TL OPENV	EUR	3,3730	3,3730	3,3730			3,3730					
Certificate	DE000CJ3PG83	UNILV45.26TL OPENZ	EUR	0,5400	0,6500	0,5400			0,6500					
Certificate	LU1756735715	UNILV45.35TCIOPENS	EUR											
Certificate	NL0013014350	UNILV45.62BL OPENB	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	LU1841153445	UNILV45.72TCIOPENS	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	DE000VA8FS16	UNILV46.18TL OPENV	EUR	2,3930	2,3930	2,3930			2,3930					
Certificate	DE000VA7TGV0	UNILV47.65TS OPENV	EUR											
Certificate	DE000VA7TGX6	UNILV48.65TS OPENV	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	LU1817291807	UNILV49.36TPIOPEMS	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000VA6D5M5	UNILV49.77TS OPENV	EUR	1,6070	1,6070	1,6070			1,6070					
Certificate	LU1817099523	UNILV51.03TPIOPEMS	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0012112692	UNILV51.77BS OPENB	EUR	3,6700	3,7000	3,5900	54900,0000	3	3,5900	15000				
Certificate	LU1756907785	UNILV53.21TPIOPEMS	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	NL0012494660	UNILV53.25BOC1218B	EUR	52,9200	52,9200	52,9200			52,9200					
Certificate	DE000CE6CSJ7	UNILV53.35TS OPENZ	EUR	1,1400	1,1400	1,0100	11,8100	2	1,0300	11				
Certificate	DE000VN66T32	UNILV54.21TS OPENV	EUR	2,5030	2,5030	2,5030			2,5030					
Certificate	DE000VN66T40	UNILV55.21TS OPENV	EUR	3,4640	3,4640	3,4640			3,4640					
Certificate	NL0012258560	UNILV56.54BS OPENB	EUR	8,3500	8,3500	8,3500			8,3500					
Certificate	DE000VN66XU5	UNILV57.05TS OPENV	EUR	5,4150	5,4150	5,4150			5,4150					
Certificate	DE000VA5EL15	UNILV57.86TS OPENV	EUR	9,4650	9,4650	9,4650			9,4650					
Certificate	DE000CV888N3	UNILV58.33TS OPENZ	EUR	2,1300	2,1300	2,0200			2,0200					
Certificate	DE000VL2FTF3	UNILV58.49TS OPENV	EUR	7,3750	7,3750	7,3750			7,3750					
Certificate	NL0012792253	UNILV61.47BS OPENB	EUR	13,2900	13,2900	13,2900			13,2900					
Certificate	DE000CV8AGS2	UNILV63.33TS OPENZ	EUR	3,1300	3,1300	3,0200			3,0200					
Certificate	NL0013087315	UNITA 9TL OPENH	EUR	2,4400	2,7400	2,4400			2,7400					
Certificate	NL0013083082	UNITA 10TL OPENH	EUR	1,4900	1,8000	1,4900			1,8000					
Certificate	NL0012906671	UNITA 13TS OPENH	EUR	3,1300	3,1300	2,8900			2,8900					
Certificate	NL0012905061	UNITA 14TS OPENH	EUR	4,3000	4,3000	4,0600			4,0600					
Certificate	NL0012936876	UNITA 15TS OPENH	EUR	5,3600	5,3600	5,1200			5,1200					
Certificate	NL0012934616	UNITA 16TS OPENH	EUR	6,4000	6,4000	6,1400			6,1400					
Certificate	NL0013083090	UNITA 9.5TL OPENH	EUR	1,9600	2,2700	1,9600			2,2700					
Certificate	NL0012889059	UNITA 10.6TL OPENH	EUR	0,9500	1,2600	0,9500			1,2600					
Certificate	NL0012938252	UNITA 11.1TL OPENH	EUR											
Certificate	NL0013086127	UNITA 11.2TL OPENH	EUR											
Certificate	NL0013087307	UNITA 11.5TS OPENH	EUR	1,5700	1,5700	1,3200			1,3200					
Certificate	NL0012914972	UNITA 11.7TL OPENH	EUR											
Certificate	NL0013083074	UNITA 12.2TS OPENH	EUR											
Certificate	NL0012907034	UNITA 12.8TS OPENH	EUR	2,9200	2,9200	2,6800			2,6800					
Certificate	NL0012905079	UNITA 13.8TS OPENH	EUR	4,1000	4,1000	3,8400			3,8400					
Certificate	NL0012936892	UNITA 14.3TS OPENH	EUR	4,6200	4,6200	4,3800			4,3800					
Certificate	NL0012936884	UNITA 14.6TS OPENH	EUR	4,9400	4,9400	4,7000			4,7000					
Certificate	NL0012935647	UNITA 14.8TS OPENH	EUR	5,1400	5,1400	4,8900			4,8900					
Certificate	NL0012914857	UNITA 15.2TS OPENH	EUR	5,5400	5,5400	5,2900			5,2900					
Certificate	NL0012914840	UNITA 15.5TS OPENH	EUR	5,8500	5,8500	5,5900			5,5900					
Certificate	NL0012914832	UNITA 15.7TS OPENH	EUR	6,0600	6,0600	5,8000			5,8000					
Certificate	NL0012914824	UNITA 16.2TS OPENH	EUR	6,5900	6,5900	6,3300			6,3300					
Certificate	NL0012914816	UNITA 16.7TS OPENH	EUR	7,1100	7,1100	6,8500			6,8500					
Certificate	NL0012914808	UNITA 17.2TS OPENH	EUR	7,6400	7,6400	7,3800			7,3800					
Certificate	NL0012914790	UNITA 17.7TS OPENH	EUR	8,1700	8,1700	7,9100			7,9100					
Certificate	NL0012926430	UNITA 18.1TS OPENH	EUR	8,6500	8,6500	8,3900			8,3900					
Certificate	NL0012914782	UNITA 20.6TS OPENH	EUR	11,3300	11,3300	11,0700			11,0700					
Certificate	DE000CJ3NYC9	UNITA10.13TL OPENZ	EUR	0,6900	1,0750	0,6900			1,0750					
Certificate	DE000CD63ZJ1	UNITA11.13TL OPENZ	EUR											
Certificate	DE000CV8A7T3	UNITA9.129TL OPENZ	EUR	1,6600	2,0450	1,6600			2,0450					
Certificate	DE000CN6JL79	UPC 78.91TL OPENZ	EUR	2,7200	2,8100	2,7200			2,8100					
Certificate	NL0012795991	URW LEVOPENZ	EUR	32,2600	32,2600	32,2600			32,2600					
Certificate	NL0012796031	URW SHROPENZ	EUR	67,7100	67,7100	67,7100			67,7100					
Certificate	NL0012789127	URW 115TL OPENB	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	DE000CP06XD2	URW 120TL OPENC	EUR											
Certificate	DE000CP07AE6	URW 120TL OPENC	EUR											
Certificate	DE000CP07AF3	URW 140TL OPENC	EUR											
Certificate	DE000CP07AG1	URW 150TL OPENC	EUR											
Certificate	DE000CP06XE0	URW 160TS OPENC	EUR											
Certificate	DE000CP07AH9	URW 170TS OPENC	EUR											
Certificate	DE000CP06XF7	URW 170TS OPENC	EUR											
Certificate	NL0012796395	URW 179BOC1219Z	EUR	158,6700	158,6700	158,6700			158,6700					



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	DE000CP07AJ5	URW 180TS OPENC	EUR											
Certificate	DE000CP06XG5	URW 180TS OPENC	EUR											
Certificate	NL0012796387	URW 181BOC0919Z	EUR	159,0800	159,0800	159,0800				159,0800				
Certificate	NL0012796288	URW 189BON0919Z	EUR	163,2400	163,2400	163,2400				163,2400				
Certificate	NL0012796296	URW 189BON1219Z	EUR	161,6300	161,6300	161,6300				161,6300				
Certificate	NL0012795637	URW 200BOC0619Z	EUR	154,4500	154,4500	154,4500				154,4500				
Certificate	NL0012795645	URW 204BOC0919Z	EUR	154,7300	154,7300	154,7300				154,7300				
Certificate	NL0012648844	URW 205BON1218Z	EUR	181,9300	181,9300	181,9300				181,9300				
Certificate	NL0012648851	URW 208BON0619Z	EUR	176,2300	176,2300	176,2300				176,2300				
Certificate	NL0012649222	URW 214BOC1218Z	EUR	181,1750	181,1750	181,1750				181,1750				
Certificate	NL0012649230	URW 224BOC0619Z	EUR	178,6500	178,6500	178,6500				178,6500				
Certificate	NL0011044748	URW 231TS OPENH	EUR	9,1000	9,1000	9,0300				9,0300				
Certificate	NL0012236319	URW 238BOC1218Z	EUR	159,9700	159,9700	159,5200	959,8200	1		159,5200	6			
Certificate	LU1841030957	URW 148.TCIOPENS	EUR	1,5500	1,5500	1,5500				1,5500				
Certificate	DE000CW42V55	URW 212.TS OPENC	EUR											
Certificate	DE000CE68X56	URW 218.TS OPENZ	EUR	2,9000	2,9000	2,9000				2,9000				
Certificate	DE000CV886Q0	URW 110.2TL OPENZ	EUR	2,5150	2,5150	2,5150				2,5150				
Certificate	NL0013011380	URW 128.7BL OPENB	EUR	3,4000	3,4000	3,4000				3,4000				
Certificate	DE000CV505W4	URW 130.2TL OPENZ	EUR	1,4700	1,5150	1,4700	147,0000	1		1,5150	100			
Certificate	DE000CQ5AFU3	URW 136.2TL OPENC	EUR											
Certificate	NL0013011794	URW 137.2TL OPENB	EUR	3,2800	3,2800	3,2800				3,2800				
Certificate	NL0012685986	URW 138.7BL OPENB	EUR	2,2900	2,4000	2,2800	13135,5800	4		2,4000	5584			
Certificate	LU1841030874	URW 140.2TCIOPENS	EUR	2,3100	2,3100	2,3100				2,3100				
Certificate	DE000CV4ZUU5	URW 142.2TL OPENZ	EUR	0,9150	0,9150	0,9150				0,9150				
Certificate	NL0012686653	URW 147.2TL OPENB	EUR	2,2200	2,3600	2,2200	222,0000	1		2,3600	100			
Certificate	NL0012682462	URW 148.9BL OPENB	EUR	1,3800	1,3800	1,3800				1,3800				
Certificate	LU1841031096	URW 151.3TCIOPENS	EUR	1,1700	1,2200	1,1600	591,8200	2		1,2200	508			
Certificate	DE000CX59L06	URW 151.3TL OPENC	EUR											
Certificate	DE000CX59QE7	URW 152.5TL OPENC	EUR											
Certificate	DE000CN6JP91	URW 154.4TL OPENZ	EUR	0,3150	0,3150	0,3150				0,3150				
Certificate	LU1859832773	URW 154.9TCIOPENS	EUR	0,8900	0,8900	0,8900				0,8900				
Certificate	LU1841029942	URW 163.5TPIOPENS	EUR											
Certificate	NL0013010671	URW 164.8BS OPENB	EUR	0,6600	0,6600	0,6600				0,6600				
Certificate	LU1859831379	URW 165.8TPIOPENS	EUR	0,8700	0,8700	0,8700				0,8700				
Certificate	LU1841030015	URW 171.3TPIOPENS	EUR	1,4200	1,4200	1,4200				1,4200				
Certificate	DE000CJ3N5J3	URW 176.1TS OPENZ	EUR	0,8250	0,8250	0,8250				0,8250				
Certificate	NL0013005002	URW 177.2TS OPENB	EUR	3,1100	3,1100	3,1100				3,1100				
Certificate	NL0012994446	URW 179.8BS OPENB	EUR	2,1500	2,1500	2,1500				2,1500				
Certificate	NL0012681985	URW 194.7BS OPENB	EUR	3,6400	3,6400	3,6400				3,6400				
Certificate	DE000CV501H4	URW 196.1TS OPENZ	EUR	1,8000	1,8000	1,8000				1,8000				
Certificate	NL0012683049	URW 197.1TS OPENB	EUR	5,2500	5,2500	5,2500				5,2500				
Certificate	DE000CV52MK6	URW 201.6TS OPENC	EUR											
Certificate	NL0012793095	URW 205.7BOC1218B	EUR	160,2000	160,2000	160,2000				160,2000				
Certificate	DE000CC603M1	URW 213.7TS OPENC	EUR											
Certificate	NL0011443668	URW 214.2BS OPENB	EUR	5,5900	5,5900	5,5900				5,5900				
Certificate	NL0012275739	URW 216.5TS OPENB	EUR	7,3500	7,3500	7,3500				7,3500				
Certificate	DE000CW42RE3	URW 217.5TS OPENC	EUR											
Certificate	DE000CX00P36	URW 221.5TS OPENC	EUR											
Certificate	DE000CX017M9	URW 226.4TS OPENC	EUR											
Certificate	DE000CE6E2B6	USCAD1.105TL OPENZ	EUR	13,4200	13,7600	13,4200				13,7600				
Certificate	DE000CN6L915	USCAD1.168TL OPENZ	EUR	9,1900	9,5400	9,1900				9,5400				
Certificate	DE000CR6XLP0	USCAD1.232TL OPENZ	EUR	4,8600	5,2150	4,8600				5,2150				
Certificate	DE000CJ3N1L7	USCAD1.328TS OPENZ	EUR	1,7700	1,7700	1,4150				1,4150				
Certificate	DE000CR9S8S0	USCAD1.378TS OPENZ	EUR	5,1100	5,1100	4,7550				4,7550				
Certificate	DE000CN6GQ28	USCAD1.447TS OPENZ	EUR	9,7300	9,7300	9,3700				9,3700				
Certificate	DE000CN6HP93	USCAD1.519TS OPENZ	EUR	14,5900	14,5900	14,2300				14,2300				
Certificate	DE000CE6CAR8	USDCH 1.08TS OPENZ	EUR	7,5000	7,5000	7,0600				7,0600				
Certificate	DE000CV88LV5	USDCH 1.12TS OPENZ	EUR	10,9800	10,9800	10,5300				10,5300				
Certificate	DE000CE6E2C4	USDCH0.807TL OPENZ	EUR	16,7100	17,1250	16,7100				17,1250				
Certificate	DE000CE6CEV2	USDCH0.855TL OPENZ	EUR	12,5400	12,9550	12,5400				12,9550				
Certificate	DE000CE6C8M2	USDCH0.918TL OPENZ	EUR	6,9800	7,3900	6,9800				7,3900				
Certificate	DE000CJ3NY20	USDCH0.958TL OPENZ	EUR	3,4700	3,8950	3,4700				3,8950				
Certificate	DE000CE6C8Z4	USDCH1.029TS OPENZ	EUR	3,0300	3,0300	2,5950				2,5950				
Certificate	NL0012520183	USJPY 111.TRLOPENH	EUR											
Certificate	NL0012089965	USJPY 100.TL OPENH	EUR	10,6000	10,6000	10,6000				10,6000				
Certificate	NL0012089957	USJPY 101.TL OPENH	EUR	9,8200	9,8200	9,8200				9,8200				
Certificate	NL0012089940	USJPY 102.TL OPENH	EUR	9,0400	9,0400	9,0400				9,0400				
Certificate	NL0012846471	USJPY 107.TRLOPENH	EUR	4,4000	4,4000	4,4000				4,4000				
Certificate	NL0012911242	USJPY 108.TRLOPENH	EUR	3,5600	3,5600	3,5600				3,5600				
Certificate	NL0012919369	USJPY 109.TRLOPENH	EUR	2,7700	2,7700	2,7700				2,7700				
Certificate	NL0012891014	USJPY 110.TRLOPENH	EUR	2,0300	2,0300	2,0300				2,0300				
Certificate	NL0012520191	USJPY 111.TRLOPENH	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	NL0012901987	USJPY 111.TRLOPENH	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0013082944	USJPY 113.TRSOPENH	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0013081151	USJPY 114.TRSOPENH	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	NL0013078215	USJPY 115.TRSOPENH	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	NL0012905749	USJPY 115.TRSOPENH	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0012907414	USJPY 116.TRSOPENH	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	NL0012089668	USJPY 118.TS OPENH	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	NL0012089650	USJPY 119.TS OPENH	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	NL0012089981	USJPY 97.2TL OPENH	EUR	12,7800	12,7800	12,7800			12,7800					
Certificate	NL0010374500	USJPY 99.8TL OPENB	EUR	11,5500	11,5500	11,5500			11,5500					
Certificate	DE000CNGJQN7	USJPY101.3TL OPENZ	EUR	8,3500	8,8050	8,3500			8,8050					
Certificate	NL0012028963	USJPY102.5TL OPENB	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	NL0012688394	USJPY103.1BL OPENB	EUR	7,4400	7,4400	7,4400			7,4400					
Certificate	NL0012089932	USJPY103.1TL OPENH	EUR	8,2600	8,2600	8,2600			8,2600					
Certificate	NL0012436695	USJPY103.9TRLOPENH	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	NL0012089924	USJPY104.1TL OPENH	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	NL0012492995	USJPY105.2BL OPENB	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	NL0012615298	USJPY105.3TRLOPENH	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	NL0012785570	USJPY105.6TL OPENB	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	NL0012615256	USJPY106.3TRLOPENH	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	NL0012615231	USJPY106.8TRLOPENH	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	NL0012846505	USJPY106.8TRLOPENH	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	NL0012790596	USJPY107.2BL OPENB	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0012615215	USJPY107.2TRLOPENH	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	NL0012615173	USJPY107.4TRLOPENH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	NL0012615132	USJPY107.6TRLOPENH	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	NL0012615090	USJPY107.8TRLOPENH	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	NL0012089874	USJPY108.2TL OPENH	EUR											
Certificate	NL0012210926	USJPY108.2TRLOPENH	EUR											
Certificate	NL0012920623	USJPY108.3TRLOPENH	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	NL0012092787	USJPY108.3TRLOPENH	EUR											
Certificate	NL0012206361	USJPY108.3TRLOPENH	EUR											
Certificate	NL0012206346	USJPY108.4TRLOPENH	EUR											
Certificate	NL0012206353	USJPY108.4TRLOPENH	EUR											
Certificate	NL0012092779	USJPY108.5TRLOPENH	EUR											
Certificate	NL0012979827	USJPY108.6TL OPENB	EUR	4,6600	4,8000	4,6500	559,2000	1	4,8000	120				
Certificate	NL0012911218	USJPY108.6TRLOPENH	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	NL0012206338	USJPY108.6TRLOPENH	EUR											
Certificate	NL0012206320	USJPY108.6TRLOPENH	EUR											
Certificate	NL0012206312	USJPY108.7TRLOPENH	EUR											
Certificate	NL0012919138	USJPY108.8TRLOPENH	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	NL0012980056	USJPY109.2BL OPENB	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	NL0012924914	USJPY109.3TRLOPENH	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0012925564	USJPY109.6TRLOPENH	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0013082969	USJPY109.7TRLOPENH	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	NL0012891055	USJPY109.8TRLOPENH	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	NL0012890974	USJPY110.2TRLOPENH	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	NL0013081219	USJPY110.3TRLOPENH	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	NL0012901037	USJPY110.4TRLOPENH	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	NL0012520266	USJPY110.6TRLOPENH	EUR											
Certificate	NL0012900997	USJPY110.6TRLOPENH	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	NL0012901375	USJPY110.7TRLOPENH	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0012520241	USJPY110.7TRLOPENH	EUR											
Certificate	NL0012520258	USJPY110.7TRLOPENH	EUR											
Certificate	NL0012901581	USJPY110.8TRLOPENH	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0012520225	USJPY110.8TRLOPENH	EUR											
Certificate	NL0012520233	USJPY110.8TRLOPENH	EUR											
Certificate	NL0012901995	USJPY110.9TRLOPENH	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	NL0012520209	USJPY110.9TRLOPENH	EUR											
Certificate	NL0012520217	USJPY110.9TRLOPENH	EUR											
Certificate	NL0012520175	USJPY111.1TRLOPENH	EUR											
Certificate	NL0012520167	USJPY111.1TRLOPENH	EUR											
Certificate	NL0012903603	USJPY111.1TRLOPENH	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	NL0012903587	USJPY111.2TRLOPENH	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	NL0012520159	USJPY111.2TRLOPENH	EUR											
Certificate	NL0012903595	USJPY111.2TRLOPENH	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0012903579	USJPY111.3TRLOPENH	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0012903561	USJPY111.3TRLOPENH	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	NL0012903546	USJPY111.4TRLOPENH	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0012903553	USJPY111.4TRLOPENH	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0012903538	USJPY111.5TRLOPENH	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	NL0012903520	USJPY111.5TRLOPENH	EUR	0,8200	0,8200	0,8200			0,8200					



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
Certificate	NL0012209951	USJPY111.8TRSOPENH	EUR											
Certificate	NL0012209944	USJPY111.8TRSOPENH	EUR											
Certificate	NL0012209936	USJPY111.9TRSOPENH	EUR											
Certificate	NL0013082951	USJPY112.9TRSOPENH	EUR											
Certificate	NL0013082936	USJPY113.2TRSOPENH	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	NL0013081201	USJPY113.3TRSOPENH	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	NL0013081193	USJPY113.4TRSOPENH	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	NL0013081185	USJPY113.6TRSOPENH	EUR	1,0500	1,0500	0,8000	420,0000	2	0,8000	440				
Certificate	NL0013081177	USJPY113.7TRSOPENH	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	NL0013081169	USJPY113.9TRSOPENH	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0013079684	USJPY114.2TRSOPENH	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0013079692	USJPY114.2TRSOPENH	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	NL0013079676	USJPY114.3TRSOPENH	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0012893093	USJPY114.4TRSOPENH	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	NL0012904866	USJPY114.6TRSOPENH	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0013079866	USJPY114.7TRSOPENH	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	NL0012906424	USJPY114.8TRSOPENH	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	NL0012906416	USJPY115.1TRSOPENH	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	NL0012906200	USJPY115.2TRSOPENH	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	NL0012089692	USJPY115.2TS OPENH	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	NL0012904858	USJPY115.4TRSOPENH	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	NL0012276687	USJPY115.5BS OPENB	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	NL0012906408	USJPY115.5TRSOPENH	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	NL0012906192	USJPY115.7TRSOPENH	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	NL0013078207	USJPY115.9TRSOPENH	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	NL0012089684	USJPY116.1TS OPENH	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	NL0012895783	USJPY116.4TRSOPENH	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0012036453	USJPY116.5TS OPENB	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	NL0012901946	USJPY117.1TRSOPENH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0012089676	USJPY117.1TS OPENH	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	NL0012904841	USJPY117.7TRSOPENH	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	NL0012980064	USJPY118.5BS OPENB	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	NL0012906184	USJPY118.5TRSOPENH	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	NL0013085939	USJPY118.5TRSOPENH	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	NL0012907406	USJPY119.3TRSOPENH	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	NL0012089643	USJPY119.9TS OPENH	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	NL0012089635	USJPY120.9TS OPENH	EUR	7,2200	7,2200	7,2200			7,2200					
Certificate	DE000CR6YA82	USJPY121.3TS OPENZ	EUR	7,3500	7,3500	6,8700			6,8700					
Certificate	NL0013003544	USJPY121.5BS OPENB	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	NL0012981591	USJPY121.5TS OPENB	EUR	8,8300	8,8300	8,8300			8,8300					
Certificate	NL0012089627	USJPY121.8TS OPENH	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	NL0012089619	USJPY122.8TS OPENH	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	NL0012581318	USJPY94.11TL OPENH	EUR	15,1800	15,1800	15,1800			15,1800					
Certificate	DE000CN6KZL0	USJPY95.26TL OPENZ	EUR	13,0900	13,5500	13,0900			13,5500					
Certificate	DE000CN6KWF9	USJPY97.26TL OPENZ	EUR	11,5200	11,9800	11,5200			11,9800					
Certificate	NL0012089973	USJPY99.01TL OPENH	EUR	11,3800	11,3800	11,3800			11,3800					
Certificate	NL0011232863	USJPY99.27TL OPENH	EUR	11,5600	11,5600	11,5600			11,5600					
Certificate	DE000CN6JQP2	USJPY99.31TL OPENZ	EUR	9,9200	10,3800	9,9200			10,3800					
Certificate	DE000CV507U4	UU 4.71TL OPENZ	EUR	1,3700	1,3700	1,3600			1,3600					
Certificate	DE000CE6F694	UU 5.717TL OPENZ	EUR	0,8000	0,8000	0,7900			0,7900					
Certificate	DE000CV8ATK2	VALE 10.64TL OPENZ	EUR	4,0850	4,0850	4,0850			4,0850					
Certificate	DE000CJ3NL09	VALE 12.75TL OPENZ	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	DE000CJ3NS28	VALE 14.24TL OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	DE000CV8AHF7	VALEO 28.4TL OPENZ	EUR											
Certificate	DE000CJ3PFY7	VALEO20.36TL OPENZ	EUR											
Certificate	DE000CV8BDC1	VALEO23.37TL OPENZ	EUR											
Certificate	NL0012437339	VALOU 4.1TL OPENH	EUR											
Certificate	NL0012212104	VALOU 6.6TS OPENH	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	NL0011807490	VALOU 2.88TL OPENB	EUR	1,4000	1,4300	1,3600	5399,1500	3	1,4300	3870				
Certificate	NL0011891585	VALOU 3.02TL OPENH	EUR	0,1400	0,1400	0,1400			0,1400					
Certificate	NL0012281190	VALOU 3.92TL OPENB	EUR											
Certificate	NL0012511646	VALOU 4.18TL OPENB	EUR											
Certificate	NL0012781751	VALOU 4.44TL OPENB	EUR											
Certificate	NL0013015787	VALOU 4.69TS OPENB	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0013006034	VALOU 5.19TS OPENB	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	NL0012935514	VALOU 5.41TS OPENH	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	NL0012986467	VALOU 5.68TS OPENB	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	NL0012865042	VALOU 5.81TS OPENH	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	NL0012245013	VALOU 6.23TS OPENH	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	NL0012172456	VALOU 6.57TS OPENH	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	NL0012243364	VALOU 6.61TS OPENH	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CN6K966	VALOU2.967TL OPENZ	EUR	0,4850	0,4850	0,4550			0,4550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV87LK0	VALOU3.537TL OPENZ	EUR	0,1550	0,1550	0,1300			0,1300					
Certificate	DE000CD634X2	VALOU4.042TL OPENZ	EUR	0,0285	0,0285	0,0285			0,0285					
Certificate	NL0013011059	VASTN 34TS OPENB	EUR											
Certificate	DE000CV8AU1	VASTN 21.7TL OPENZ	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	DE000CV8BCW1	VASTN19.56TL OPENZ	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	DE000CV8B9G5	VASTN23.81TL OPENZ	EUR	2,0800	2,1850	2,0800	852,8000	1	2,1850	410				
Certificate	DE000CE6CSV9	VASTN25.95TL OPENZ	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	NL0012999411	VASTN27.03TL OPENB	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	NL0012999429	VASTN29.04TL OPENB	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	DE000CE6C4C2	VASTN29.61TL OPENZ	EUR	0,9300	1,0750	0,9200	925,0000	2	1,0750	1000				
Certificate	NL0012999437	VASTN31.04TL OPENB	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CJ3PFM2	VASTN32.11TL OPENZ	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	NL0013014525	VASTN33.04TL OPENB	EUR											
Certificate	NL0012999452	VASTN37.93TS OPENB	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	NL0013006042	VASTN41.98TS OPENB	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0012120760	VEOU 15TL OPENB	EUR	3,2350	3,2350	3,2350			3,2350					
Certificate	NL0012700942	VEOU 21TS OPENB	EUR	5,5750	5,5750	5,5750			5,5750					
Certificate	NL0010442836	VEOU 5.7TL OPENB	EUR	11,9050	11,9050	11,9050			11,9050					
Certificate	NL0010905683	VEOU 11.2TL OPENB	EUR	6,3250	6,7650	6,3250			6,7650					
Certificate	NL0013002587	VEOU 17.9TS OPENB	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	DE000CJ3PAJ9	VEOU10.91TL OPENZ	EUR	1,1150	1,2450	1,1150			1,2450					
Certificate	DE000CV88210	VEOU12.91TL OPENZ	EUR	0,7150	0,8450	0,7150			0,8450					
Certificate	DE000CV4ZRL0	VEOU14.91TL OPENZ	EUR	0,3250	0,4450	0,3250			0,4450					
Certificate	NL0010895082	VESTA164.3TL OPENB	EUR	3,5750	3,5750	3,5750			3,5750					
Certificate	DE000CV4YTR6	VESTA280.9TL OPENZ	EUR	1,7350	1,7850	1,7350			1,7850					
Certificate	NL0012509533	VESTA316.4TL OPENB	EUR	1,8050	1,8050	1,8050			1,8050					
Certificate	DE000CE6FIJ9	VESTA320.9TL OPENZ	EUR	1,1950	1,2450	1,1950			1,2450					
Certificate	NL0012511919	VESTA341.7TL OPENB	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000CV4Z019	VESTA365.6TL OPENZ	EUR	0,6050	0,6550	0,6050			0,6550					
Certificate	NL0012264451	VESTA609.2TS OPENB	EUR	4,1150	4,1150	4,1150			4,1150					
Certificate	NL0000691046	VIETN PI OPENN	EUR	5,8900	5,9500	5,8900			5,9500					
Certificate	NL0011249156	VINCI 44.3TL OPENB	EUR	36,2700	37,3100	36,2700			37,3100					
Certificate	NL0012034953	VINCI 49.5TL OPENB	EUR	31,0900	32,5100	31,0900	2036,4500	2	32,5100	65				
Certificate	NL0012115695	VINCI 64.9TL OPENB	EUR	18,2100	18,2100	18,2100			18,2100					
Certificate	NL0012259733	VINCI 71.6TL OPENB	EUR	12,0100	12,0100	12,0100			12,0100					
Certificate	NL0012782353	VINCI 76.6TL OPENB	EUR											
Certificate	NL0013015795	VINCI 79.5TS OPENB	EUR											
Certificate	NL0012995260	VINCI 84.5TS OPENB	EUR	13,5900	13,5900	13,5900			13,5900					
Certificate	NL0012792014	VINCI 89.4TS OPENB	EUR	18,8700	18,8700	18,8700			18,8700					
Certificate	DE000CV8AY55	VINCI49.59TL OPENZ	EUR	2,7200	2,8550	2,7200			2,8550					
Certificate	DE000CE6CCB8	VINCI59.65TL OPENZ	EUR	1,7200	1,8550	1,7200			1,8550					
Certificate	DE000CE6CCX2	VINCI67.62TL OPENZ	EUR	0,9300	1,0650	0,9300			1,0650					
Certificate	DE000CE6EDK3	VINCI74.57TL OPENZ	EUR											
Certificate	NL0012494447	VIVEN 20TL OPENB	EUR	2,9150	2,9150	2,9150			2,9150					
Certificate	DE000CNG6MU7	VIVEN 13.7TL OPENZ	EUR	7,6850	7,7950	7,6850			7,7950					
Certificate	NL0011900642	VIVEN 14.9TL OPENB	EUR	7,6550	7,6550	7,6550			7,6550					
Certificate	NL0012260178	VIVEN 17.4TL OPENB	EUR	5,2750	5,2750	5,2750			5,2750					
Certificate	NL0012439764	VIVEN 19.5TL OPENH	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012699748	VIVEN 24.4TS OPENB	EUR	4,9750	4,9750	4,9750			4,9750					
Certificate	NL0012556419	VIVEN 26.3TS OPENH	EUR	0,7800	0,7800	0,7700			0,7700					
Certificate	NL0011226519	VIVEN13.05TL OPENH	EUR	0,9500	0,9600	0,9500			0,9600					
Certificate	DE000CD61197	VIVEN15.18TL OPENZ	EUR	6,2100	6,3200	6,2100			6,3200					
Certificate	NL0012237630	VIVEN15.94TL OPENH	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	NL0012214720	VIVEN16.96TL OPENH	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	NL0012214712	VIVEN17.47TL OPENH	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	NL0012245005	VIVEN17.98TL OPENH	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CE6D9M9	VIVEN18.16TL OPENZ	EUR	3,2550	3,3650	3,2550			3,3650					
Certificate	NL0011995899	VIVEN18.98TL OPENH	EUR											
Certificate	NL0012437776	VIVEN19.48TL OPENH	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012593578	VIVEN20.41TL OPENH	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	NL0012889158	VIVEN20.97TL OPENH	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	NL0012934293	VIVEN22.83TS OPENH	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	NL0012909816	VIVEN23.17TS OPENH	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0012561070	VIVEN23.36TS OPENH	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	NL0012536833	VIVEN24.15TS OPENH	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	NL0012311120	VIVEN24.78TS OPENH	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	NL0013085459	VIVEN25.97TS OPENH	EUR	0,7500	0,7500	0,7400			0,7400					
Certificate	NL0012545735	VIVEN26.68TS OPENH	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0012526230	VIVEN27.04TS OPENH	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	NL0012536825	VIVEN27.09TS OPENH	EUR	0,8700	0,8700	0,8600			0,8600					
Certificate	NL0012556401	VIVEN29.24TS OPENH	EUR	1,1100	1,1100	1,1000			1,1000					
Certificate	NL0011226451	VIVEN30.43TS OPENH	EUR	1,2400	1,2400	1,2300			1,2300					



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	DE000CE6CDZ5	VIX LEVOPENZ	EUR	5,1050	5,1100	5,1050			5,1100					
Certificate	DE000CE6CE09	VIX SHROOPENZ	EUR	5,1850	5,2150	5,1850			5,2150					
Certificate	DE000CV4ZTM4	VIX 9.8TL OPENZ	EUR	10,1700	10,1700	10,1500			10,1500					
Certificate	DE000CV88TA2	VIX 22.8TS OPENZ	EUR	8,9600	9,0600	8,9600			9,0600					
Certificate	NL0011911714	VIX 40.6TS OPENB	EUR	21,4400	21,8100	21,4400	4651,5500	3	21,5100	215				
Certificate	DE000CV4Z2F8	VIX 5.89TL OPENZ	EUR	13,2000	13,3000	13,2000			13,3000					
Certificate	DE000CV4YUR4	VIX 6.47TL OPENZ	EUR	12,9300	12,9300	12,9200			12,9200					
Certificate	NL0012682025	VIX 6.51TL OPENB	EUR	12,6300	12,9600	12,5900	126,3000	2	12,9600	10				
Certificate	NL0010289385	VIX 60.9TS OPENB	EUR	41,4000	41,4000	41,4000			41,4000					
Certificate	DE000CV4YU06	VIX 7.03TL OPENZ	EUR	12,4700	12,4700	12,4600			12,4600					
Certificate	DE000CE6FNT0	VIX 7.59TL OPENZ	EUR	12,0100	12,0100	11,9900			11,9900					
Certificate	NL0010129144	VIX 73.1TS OPENB	EUR	53,2700	53,2700	53,2700			53,2700					
Certificate	DE000CE6F4E5	VIX 8.17TL OPENZ	EUR	11,5300	11,5300	11,5100			11,5100					
Certificate	NL0013002694	VIX 8.53TL OPENB	EUR	11,3400	11,3400	11,3400			11,3400					
Certificate	DE000CE6F4D7	VIX 8.72TL OPENZ	EUR	11,0600	11,0600	11,0500			11,0500					
Certificate	NL0013002702	VIX 9.04TL OPENB	EUR	10,9300	10,9300	10,9300			10,9300					
Certificate	DE000CV4ZTL6	VIX 9.25TL OPENZ	EUR	10,6250	10,6250	10,6100			10,6100					
Certificate	NL0012682512	VIX 9.54TL OPENB	EUR	10,1700	10,5400	10,1700	2034,0000	1	10,5400	200				
Certificate	NL0013002710	VIX 10.04TL OPENB	EUR	10,1300	10,1300	10,1300			10,1300					
Certificate	NL0013005275	VIX 10.53TL OPENB	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	NL0013006349	VIX 11.04TL OPENB	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	NL0013006356	VIX 11.53TL OPENB	EUR	8,9500	8,9500	8,9500			8,9500					
Certificate	DE000CV87KZ0	VIX 11.97TL OPENZ	EUR	8,3500	8,3500	8,1400	814,0000	1	8,3200	100				
Certificate	NL0013011067	VIX 12.52TL OPENB	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	NL0009261692	VIX 127.4TS OPENB	EUR	10,6350	10,6350	10,6350			10,6350					
Certificate	NL0013011075	VIX 13.52TL OPENB	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	NL0012793954	VIX 13.62TL OPENB	EUR											
Certificate	NL0013011083	VIX 14.52TL OPENB	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	DE000CJ3N4J6	VIX 14.97TL OPENZ	EUR	5,8100	5,8100	5,7100	2284,0000	1	5,7700	400				
Certificate	NL0013011091	VIX 15.52TL OPENB	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	NL0006518987	VIX 153.4TS OPENB	EUR	13,1750	13,1750	13,1750			13,1750					
Certificate	NL0013011109	VIX 16.02TL OPENB	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	NL0013011117	VIX 16.52TL OPENB	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	NL0006518995	VIX 161.6TS OPENB	EUR	13,9750	13,9750	13,9750			13,9750					
Certificate	NL0013013972	VIX 17.02TL OPENB	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	NL0013013980	VIX 17.52TL OPENB	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	NL0013015084	VIX 18.02TL OPENB	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	NL0013015092	VIX 18.52TL OPENB	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	NL0013002751	VIX 18.89TS OPENB	EUR											
Certificate	NL0013011133	VIX 20.06TS OPENB	EUR											
Certificate	NL0012782148	VIX 22.05TS OPENB	EUR	3,5200	3,7400	3,1700	12582,5000	5	3,3900	3450				
Certificate	NL0012789614	VIX 22.89TS OPENB	EUR											
Certificate	NL0012688055	VIX 25.99TS OPENB	EUR	7,5600	7,6000	7,2200	3185,2000	2	7,2200	420				
Certificate	DE000CV87L38	VIX 26.57TS OPENZ	EUR	13,4000	13,5000	13,4000			13,5000					
Certificate	NL0012684039	VIX 29.93TS OPENB	EUR	11,3000	11,4400	11,0700	1023,3000	2	11,0700	90				
Certificate	DE000CV87L46	VIX 30.32TS OPENZ	EUR	17,7800	17,9000	17,7800			17,9000					
Certificate	DE000CD61XR3	VIX 34.08TS OPENZ	EUR	22,1750	22,3100	22,1750			22,3100					
Certificate	NL0011911706	VIX 35.81TS OPENB	EUR	17,1600	17,1600	16,8200	1201,2000	1	16,8200	70				
Certificate	DE000CD61XQ5	VIX 37.71TS OPENZ	EUR	26,4100	26,5700	26,4100			26,5700					
Certificate	DE000CD61XP7	VIX 41.34TS OPENZ	EUR	30,6500	30,8200	30,6500			30,8200					
Certificate	DE000CN6IVU2	VIX 44.97TS OPENZ	EUR	34,8900	35,0700	34,8900			35,0700					
Certificate	DE000CR4HP62	VIX 49.29TS OPENZ	EUR	39,9450	40,1500	39,9450			40,1500					
Certificate	DE000CN6EQ87	VIX 53.57TS OPENZ	EUR	44,9400	45,1600	44,9400			45,1600					
Certificate	DE000CN6EQ95	VIX 57.84TS OPENZ	EUR	49,9200	50,1700	49,9200			50,1700					
Certificate	DE000CE6CR12	VLAN 15.11TL OPENZ	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000CE6CR04	VLAN 17.24TL OPENZ	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	DE000CE6CNL4	VLAN 19.36TL OPENZ	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	NL0006475295	VODAF 11TL OPENB	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000CV8B5B4	VODAF 1.06TL OPENZ	EUR	0,4450	0,4550	0,4450			0,4550					
Certificate	DE000CV8A1A6	VODAF 1.99TS OPENZ	EUR	0,6150	0,6150	0,6050			0,6050					
Certificate	DE000CV8AHV4	VODAF 2.19TS OPENZ	EUR	0,8350	0,8350	0,8250			0,8250					
Certificate	DE000CV8AHW2	VODAF 2.39TS OPENZ	EUR	1,0650	1,0650	1,0550			1,0550					
Certificate	DE000CV8AHU6	VODAF1.264TL OPENZ	EUR	0,2150	0,2250	0,2150			0,2250					
Certificate	DE000CJ3NNG3	VODAF1.366TL OPENZ	EUR	0,1050	0,1150	0,1050			0,1150					
Certificate	DE000CE6BX64	VODAF1.469TL OPENZ	EUR											
Certificate	DE000CV8B854	VODAF1.795TS OPENZ	EUR	0,3950	0,3950	0,3850			0,3850					
Certificate	DE000CE6CBC8	VOLVB104.7TL OPENZ	EUR	0,4950	0,5650	0,4950			0,5650					
Certificate	DE000CE6CCJ1	VOLVB118.7TL OPENZ	EUR	0,2250	0,2950	0,2250	1300,0000	1	0,2950	5000				
Certificate	DE000CJ3PAZ5	VOLVB89.67TL OPENZ	EUR	0,7850	0,8550	0,7850			0,8550					
Certificate	DE000CN6FX46	VONOV23.27TL OPENZ	EUR	17,0500	17,0500	17,0500			17,0500					
Certificate	DE000CN6YV66	VONOV25.79TL OPENZ	EUR	14,5300	14,5300	14,5300			14,5300					
Certificate	DE000CD64CT7	VONOV29.26TL OPENZ	EUR	11,0600	11,0600	11,0600			11,0600					



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	DE000CE6DC83	VONOV33.23TL OPENZ	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CQ5A3P3	VOPAK 28TL OPENC	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CQ5A3N8	VOPAK 30TL OPENC	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	NL0011430426	VOPAK 32TL OPENB	EUR	11,3400	11,3400	11,3400			11,3400					
Certificate	DE000CY16LA4	VOPAK 32TL OPENC	EUR	9,4100	9,4100	9,4100			9,4100					
Certificate	DE000CQ5A3M0	VOPAK 35TL OPENC	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CQ5A3Q1	VOPAK 50TS OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CY16LD8	VOPAK 50TS OPENC	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	NL0009263870	VOPAK 20.7TL OPENB	EUR	42,8900	42,8900	42,8900			42,8900					
Certificate	NL0010764205	VOPAK 29.4TL OPENB	EUR	13,6600	13,6600	13,6600			13,6600					
Certificate	NL0012689624	VOPAK 35.6TL OPENB	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	NL0013008733	VOPAK 37.6BL OPENB	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	NL0012783344	VOPAK 37.6TL OPENB	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	NL0012991319	VOPAK 39.5TL OPENB	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	NL0011093018	VOPAK 45.1TS OPENB	EUR	11,8300	11,8300	11,8300			11,8300					
Certificate	NL0012969570	VOPAK 48.2BS OPENB	EUR	9,0100	9,0100	9,0100			9,0100					
Certificate	NL0012987416	VOPAK 49.6TS OPENB	EUR	16,9700	16,9700	16,9700			16,9700					
Certificate	NL0011935291	VOPAK 49.8TS OPENH	EUR	17,0300	17,1800	17,0300			17,1800					
Certificate	NL0011409990	VOPAK15.88TL OPENH	EUR	25,9100	25,9100	25,7200			25,7200					
Certificate	NL0011409974	VOPAK24.29TL OPENH	EUR	18,4300	18,4300	18,2500			18,2500					
Certificate	DE000CE6EK17	VOPAK27.17TL OPENZ	EUR	2,5800	2,5800	2,5250			2,5250					
Certificate	NL0011409966	VOPAK28.49TL OPENH	EUR	14,6700	14,6700	14,5100			14,5100					
Certificate	DE000CR9RS05	VOPAK29.68TL OPENZ	EUR	2,0800	2,0800	2,0250			2,0250					
Certificate	NL0012490288	VOPAK31.51BL OPENB	EUR	8,8500	8,8500	8,8500			8,8500					
Certificate	NL0011409941	VOPAK31.64TL OPENH	EUR	11,8900	11,8900	11,7000			11,7000					
Certificate	DE000CR9RLZ5	VOPAK32.17TL OPENZ	EUR	1,5900	1,5900	1,5350			1,5350					
Certificate	LU1650853960	VOPAK32.56TCIOPENS	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	DE000CV87HS1	VOPAK34.14TL OPENZ	EUR	1,1900	1,1900	1,1450			1,1450					
Certificate	NL0012581417	VOPAK35.21TL OPENH	EUR	8,7200	8,7200	8,5300			8,5300					
Certificate	NL0012689962	VOPAK36.09BL OPENB	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	DE000CV87HT9	VOPAK36.14TL OPENZ	EUR	0,8000	0,8000	0,7450			0,7450					
Certificate	NL0012581409	VOPAK36.22TL OPENH	EUR	7,8200	7,8200	7,6300			7,6300					
Certificate	LU1697025788	VOPAK36.88TCIOPENS	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	NL0012598874	VOPAK37.19TL OPENH	EUR	6,9600	6,9600	6,7700			6,7700					
Certificate	DE000CV88024	VOPAK38.13TL OPENZ	EUR	0,4100	0,4300	0,3550	2155,0000	3	0,3550	5500				
Certificate	LU1840981481	VOPAK38.65TCIOPENS	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0012889828	VOPAK39.08TL OPENH	EUR	5,2700	5,2700	5,0800			5,0800					
Certificate	NL0012991020	VOPAK39.11BL OPENB	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	LU1840979741	VOPAK42.71TCIOPENS	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0013004773	VOPAK43.24BS OPENB	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	NL0012902498	VOPAK43.56TS OPENH	EUR	9,9100	10,0600	9,9100			10,0600					
Certificate	NL0012783591	VOPAK45.73BS OPENB	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	LU1790699976	VOPAK45.75TCIOPENS	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	NL0011742911	VOPAK45.77TS OPENH	EUR	12,4300	12,5800	12,4300			12,5800					
Certificate	NL0011894852	VOPAK45.89TS OPENH	EUR	12,5700	12,7200	12,5700			12,7200					
Certificate	NL0011715503	VOPAK46.35TS OPENH	EUR	13,0900	13,2400	13,0900			13,2400					
Certificate	DE000CN6KQC8	VOPAK46.69TS OPENZ	EUR	1,4000	1,4550	1,4000			1,4550					
Certificate	LU1817099283	VOPAK46.98TCIOPENS	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	NL0012894729	VOPAK48.91TS OPENH	EUR	16,0100	16,1600	16,0100			16,1600					
Certificate	NL0011733928	VOPAK49.41TS OPENH	EUR	16,5700	16,7300	16,5700			16,7300					
Certificate	NL0011740048	VOPAK49.51TS OPENH	EUR	16,7000	16,8500	16,7000			16,8500					
Certificate	NL0011715495	VOPAK50.11TS OPENH	EUR	17,3800	17,5300	17,3800			17,5300					
Certificate	DE000CV88FR5	VOPAK52.72TS OPENZ	EUR	2,6000	2,6550	2,6000			2,6550					
Certificate	NL0012891907	VOPAK55.88TS OPENH	EUR	23,9600	24,1100	23,9600			24,1100					
Certificate	NL0011437843	VOW 72TL OPENB	EUR	7,0250	7,0250	7,0250			7,0250					
Certificate	DE000CW42HM7	VOW 85TL OPENC	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000CW425W4	VOW 85TL OPENC	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CX0J274	VOW 90TL OPENC	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	DE000CW42HJ3	VOW 90TL OPENC	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000CX0H9C2	VOW 90TL OPENC	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	NL0011649744	VOW 93TL OPENB	EUR	4,6100	5,0750	4,6100	9220,0000	1	5,0750	2000				
Certificate	DE000CX00200	VOW 100TL OPENC	EUR	2,7500	3,1700	2,7400	744,7000	2	3,1700	260				
Certificate	DE000CX59HE6	VOW 110TL OPENC	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CX59D30	VOW 110TL OPENC	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000CP07CD4	VOW 120TL OPENC	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CP06YR0	VOW 120TL OPENC	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	DE000CY51DY8	VOW 130TL OPENC	EUR											
Certificate	DE000CY51EK5	VOW 130TL OPENC	EUR											
Certificate	DE000CP07CE2	VOW 135TL OPENC	EUR											
Certificate	DE000CP06YS8	VOW 135TL OPENC	EUR											
Certificate	NL0012900054	VOW 135TL OPENH	EUR											
Certificate	DE000CY520E8	VOW 140TL 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	DE000CP06YT6	VOW 150TS OPENC	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CP07CF9	VOW 150TS OPENC	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CP06YU4	VOW 155TS OPENC	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CP06YV2	VOW 160TS OPENC	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000CP07CG7	VOW 160TS OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CQ5A2L4	VOW 190TS OPENC	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	DE000CY52NM0	VOW 200TS OPENC	EUR	5,7700	5,7700	5,7700			5,7700					
Certificate	DE000CY52K45	VOW 200TS OPENC	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	DE000VA8FT70	VOW 146.TS OPENV	EUR	0,9490	0,9490	0,9490			0,9490					
Certificate	NL0011410022	VOW 64.2TL OPENH	EUR	7,9600	8,3500	7,9600			8,3500					
Certificate	NL0011410006	VOW 76.5TL OPENH	EUR	6,9300	7,3200	6,9300			7,3200					
Certificate	NL0011433701	VOW 77.3TL OPENB	EUR	6,1150	6,5350	6,1150			6,5350					
Certificate	NL0011435573	VOW 82.5TL OPENB	EUR	5,6250	6,0450	5,6250			6,0450					
Certificate	NL0011438429	VOW 87.8TL OPENB	EUR	5,5550	5,5550	5,5550			5,5550					
Certificate	NL0011656145	VOW 98.2TL OPENB	EUR	4,5950	4,5950	4,5950			4,5950					
Certificate	NL0011729769	VOW 98.3TL OPENH	EUR	5,1100	5,0000	5,1100			5,0000					
Certificate	NL0011896717	VOW 102.7TL OPENH	EUR	4,7400	5,1300	4,7400			5,1300					
Certificate	NL0011906839	VOW 103.3TL OPENB	EUR	4,1150	4,1150	4,1150			4,1150					
Certificate	DE000CN6K974	VOW 104.8TL OPENZ	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	NL0011906847	VOW 108.5TL OPENB	EUR	3,6350	3,6350	3,6350			3,6350					
Certificate	DE000CD62346	VOW 110.9TL OPENZ	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	NL0011996384	VOW 113.1TL OPENH	EUR	3,8800	4,2700	3,8800			4,2700					
Certificate	NL0012034979	VOW 113.6TL OPENB	EUR	3,0500	3,1450	3,0500	1525,0000	1	3,1450	500				
Certificate	NL0013007644	VOW 115.3BL OPENB	EUR	2,3550	2,3550	2,3550			2,3550					
Certificate	DE000VA7TG70	VOW 115.9TL OPENV	EUR	2,1280	2,1280	2,1280			2,1280					
Certificate	NL0012038848	VOW 118.7TL OPENB	EUR	2,2600	2,6750	2,2600	32883,0000	2	2,6750	14550				
Certificate	DE000CD640T7	VOW 121.7TL OPENZ	EUR	1,0400	1,6100	1,0400	1324,7800	5	1,6100	916				
Certificate	NL0012051833	VOW 122.6TL OPENH	EUR	3,0800	3,4700	3,0800			3,4700					
Certificate	NL0012492938	VOW 123.8TL OPENB	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	NL0012998686	VOW 125.3BL OPENB	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000VA64YA7	VOW 125.8TL OPENV	EUR	1,1320	1,1320	1,1320			1,1320					
Certificate	NL0012495295	VOW 128.9TL OPENB	EUR	1,5500	1,7250	1,5500	2325,0000	1	1,7250	1500				
Certificate	NL0012519078	VOW 130.2TL OPENH	EUR	2,4500	2,8400	2,4500			2,8400					
Certificate	DE000VA64YB5	VOW 130.8TL OPENV	EUR	0,6320	0,6320	0,6320			0,6320					
Certificate	NL0012500136	VOW 133.9TL OPENB	EUR											
Certificate	DE000CE6EXV8	VOW 134.6TL OPENZ	EUR											
Certificate	NL0012998694	VOW 135.4BL OPENB	EUR											
Certificate	DE000VA64YC3	VOW 135.8TL OPENV	EUR											
Certificate	NL0013012925	VOW 138.9TL OPENB	EUR											
Certificate	DE000VA71WN9	VOW 140.9TL OPENV	EUR											
Certificate	NL0013015803	VOW 147.7TS OPENB	EUR	2,2450	2,2450	2,2450			2,2450					
Certificate	NL0013009145	VOW 149.5BS OPENB	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	DE000VA7TG54	VOW 151.2TS OPENV	EUR	1,9980	1,9980	1,4480	1104,0500	3	1,4480	597				
Certificate	NL0012905293	VOW 155.1TS OPENH	EUR	6,0600	6,0600	5,6900			5,6900					
Certificate	DE000VA64X41	VOW 156.3TS OPENV	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0012974414	VOW 157.7TS OPENB	EUR	3,5000	3,5000	3,3250	700,0000	1	3,3250	200				
Certificate	DE000CV89206	VOW 158.4TS OPENZ	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0012998702	VOW 159.5BS OPENB	EUR	2,3850	2,3850	2,3850			2,3850					
Certificate	DE000VA64X58	VOW 161.3TS OPENV	EUR	2,4490	2,4490	2,4490			2,4490					
Certificate	NL0012918767	VOW 161.5TS OPENH	EUR	6,8600	6,8600	6,4900			6,4900					
Certificate	DE000VA64X66	VOW 166.3TS OPENV	EUR	2,9490	2,9490	2,9490			2,9490					
Certificate	NL0012970693	VOW 167.5TS OPENB	EUR	4,3850	4,3850	4,3850			4,3850					
Certificate	NL0012909840	VOW 168.5TS OPENH	EUR	7,7400	7,7400	7,3600			7,3600					
Certificate	NL0012998710	VOW 169.4BS OPENB	EUR	3,3850	3,3850	3,3850			3,3850					
Certificate	DE000VA64X74	VOW 171.3TS OPENV	EUR	3,4480	3,4480	3,4480			3,4480					
Certificate	NL0012865067	VOW 173.4TS OPENH	EUR	8,3600	8,3600	7,9800			7,9800					
Certificate	DE000VA64X82	VOW 176.3TS OPENV	EUR	3,9470	3,9470	3,9470			3,9470					
Certificate	NL0012681670	VOW 177.2TS OPENB	EUR	5,4250	5,4250	5,4250			5,4250					
Certificate	DE000CV89214	VOW 178.4TS OPENZ	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	NL0012608616	VOW 179.8TS OPENH	EUR	9,1500	9,1500	8,7800			8,7800					
Certificate	DE000VA64X90	VOW 181.3TS OPENV	EUR	4,4460	4,4460	4,4460			4,4460					
Certificate	NL0012565816	VOW 184.1TS OPENH	EUR	9,6800	9,6800	9,3100			9,3100					
Certificate	NL0012531537	VOW 192.4TS OPENH	EUR	10,7200	10,7200	10,3500			10,3500					
Certificate	NL0012536858	VOW 192.6TS OPENH	EUR	10,7400	10,7400	10,3700			10,3700					
Certificate	NL0012615710	VOW 193.1TS OPENH	EUR	10,8100	10,8100	10,4400			10,4400					
Certificate	DE000CJ3NQF8	VOW 198.3TS OPENZ	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	NL001258340	VOW 202.8TS OPENH	EUR	12,0200	12,0200	11,6400			11,6400					
Certificate	NL0011251657	VOW 206.2TS OPENB	EUR	8,9750	8,9750	8,5550			8,5550					
Certificate	NL0012545768	VOW 212.6TS OPENH	EUR	13,2400	13,2400	12,8600			12,8600					
Certificate	NL0012558332	VOW 232.3TS OPENH	EUR	15,7000	15,7000	15,3300			15,3300					
Certificate	DE000CN6F024	VOW 95.02TL OPENZ	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	DE000CN6JUD0	VOW 99.81TL OPENZ	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	DE000CJ3PFJ8	VTLN 44.79TL OPENZ	EUR	1,4250	1,4400	1,4250			1,4400					
Certificate	DE000CV8AVB7	VTLN 52.79TL OPENZ	EUR	0,7550	0,7700	0,7550			0,7700					
Certificate	DE000CV8AVC5	VTLN 63.29TL OPENZ	EUR											
Certificate	NL0009262484	VW 39.5TL OPENB	EUR	9,9700	9,9700	9,9700			9,9700					
Certificate	NL0009336866	VW 46.3TL OPENB	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	DE000CN6G6N1	WALMT61.68TL OPENZ	EUR	3,1600	3,2900	3,1600			3,2900					
Certificate	NL0011411285	WALTD 135TS OPENH	EUR	29,3000	29,3000	28,6000			28,6000					
Certificate	NL0010248795	WALTD 38.1TL OPENB	EUR	68,6800	68,6800	68,6800			68,6800					
Certificate	NL0010381554	WALTD 61.5TL OPENB	EUR	49,5300	49,5300	49,5300			49,5300					
Certificate	NL0010520474	WALTD 68.2TL OPENB	EUR	44,0100	44,0100	44,0100			44,0100					
Certificate	NL0011411418	WALTD 74.3TL OPENH	EUR	37,8600	38,9600	37,8600			38,9600					
Certificate	NL0010656138	WALTD 80.5TL OPENB	EUR	33,9400	33,9400	33,9400			33,9400					
Certificate	NL0011411392	WALTD 87.5TL OPENH	EUR	27,1500	28,2000	27,1500			28,2000					
Certificate	NL0010906624	WALTD 88.5TL OPENB	EUR	27,4400	27,4400	27,4400			27,4400					
Certificate	NL0011411301	WALTD119.5TS OPENH	EUR											
Certificate	NL0011411293	WALTD123.4TS OPENH	EUR	18,2800	18,2800	17,5500			17,5500					
Certificate	DE000CN6H962	WALTD83.37TL OPENZ	EUR	25,5300	26,7400	25,5300			26,7400					
Certificate	DE000CR4H7N1	WALTD91.98TL OPENZ	EUR	1,8000	1,9100	1,8000			1,9100					
Certificate	DE000CP06YL3	WDIG 140TL OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CP07C83	WDIG 140TL OPENC	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000CP06YM1	WDIG 150TL OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CP07C91	WDIG 150TL OPENC	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000CP06YN9	WDIG 155TL OPENC	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000CP07CA0	WDIG 160TL OPENC	EUR											
Certificate	DE000CP06YP4	WDIG 170TS OPENC	EUR											
Certificate	DE000CP07CB8	WDIG 170TS OPENC	EUR											
Certificate	DE000CP07CC6	WDIG 180TS OPENC	EUR											
Certificate	DE000CP06YQ2	WDIG 180TS OPENC	EUR											
Certificate	DE000CV88ET4	WDIG 105.5TL OPENZ	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	DE000CV88R98	WDIG 115.5TL OPENZ	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	DE000CV890R0	WDIG 125.5TL OPENZ	EUR	3,3600	3,9700	3,3600	6295,2000	2	3,9700	1745				
Certificate	DE000CV89UY8	WDIG 135.4TL OPENZ	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000CV8A039	WDIG 145.4TL OPENZ	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000CJ3PBA6	WDIG 160.3TL OPENZ	EUR											
Certificate	DE000CE6FHY2	WDIG 69.05TL OPENZ	EUR	9,5800	9,5800	9,5800			9,5800					
Certificate	DE000CE6FNH5	WDIG 77.22TL OPENZ	EUR	8,7600	8,7600	8,7600			8,7600					
Certificate	DE000CE6FQB1	WDIG 85.35TL OPENZ	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	DE000CV889V4	WDIG 95.42TL OPENZ	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	NL0013006679	WDPP 101.48L OPENB	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	DE000CV89VD0	WDPP 102.1TL OPENZ	EUR											
Certificate	NL0013006687	WDPP 106.48L OPENB	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	NL0013014368	WDPP 111.48L OPENB	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	NL0013010689	WDPP 112.88S OPENB	EUR											
Certificate	NL0013006802	WDPP 122.78S OPENB	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	DE000CV89WH9	WDPP 131.3TS OPENZ	EUR											
Certificate	NL0013007750	WDPP 132.78S OPENB	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	DE000CD64C87	WDPP 59.07TL OPENZ	EUR											
Certificate	DE000CD64DY5	WDPP 69.69TL OPENZ	EUR											
Certificate	DE000CD64C04	WDPP 76.02TL OPENZ	EUR											
Certificate	DE000CE6CY70	WDPP 83.36TL OPENZ	EUR											
Certificate	DE000CV4ZVE7	WDPP 91.69TL OPENZ	EUR											
Certificate	NL0013006661	WDPP 96.42BL OPENB	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	DE000CJ3PHG0	WEED 39TL OPENZ	EUR	2,1300	2,1300	2,1200	319,5000	1	2,1200	150				
Certificate	DE000CJ3N2K8	WEED 48TL OPENZ	EUR	0,8000	1,0000	0,8000	280,0000	1	1,0000	350				
Certificate	DE000CJ3N2L6	WEED 56TL OPENZ	EUR											
Certificate	DE000CJ3PD80	WEED 62TL OPENZ	EUR											
Certificate	DE000CJ3PB58	WEED 63TL OPENZ	EUR											
Certificate	DE000CJ3PB76	WEED 70TL OPENZ	EUR											
Certificate	DE000CJ3PHH8	WEED 43.5TL OPENZ	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	NL0012796262	WEREL 338ON0919Z	EUR	30,1000	30,5300	30,1000			30,5300					
Certificate	DE000CV4ZUW1	WEREL 25.TL OPENZ	EUR	4,3550	4,7700	4,3550			4,7700					
Certificate	NL0012686661	WEREL 21.7TL OPENB	EUR	10,1550	10,1550	10,1550			10,1550					
Certificate	NL0010720827	WEREL 23.1TL OPENH	EUR	0,7900	0,8200	0,7900			0,8200					
Certificate	NL0012682785	WEREL 24.2TL OPENB	EUR	7,8450	7,8450	7,8450			7,8450					
Certificate	NL0011816186	WEREL 26.7TL OPENB	EUR	5,5950	5,5950	5,5950			5,5950					
Certificate	NL0013013691	WEREL 29.4TL OPENB	EUR											
Certificate	NL0012796270	WEREL 34.SBON1219Z	EUR	30,1300	30,6400	30,1300			30,6400					
Certificate	NL0012681688	WEREL 35.3TS OPENB	EUR	9,4750	9,4750	9,4750			9,4750					
Certificate	NL0013013758	WEREL 40.3TS OPENB	EUR	15,0250	15,0250	15,0250			15,0250					
Certificate	NL0011235403	WEREL 46.1TS OPENH	EUR	2,0500	2,0500	2,0200			2,0200					
Certificate	NL0010932513	WEREL 49.4TS OPENB	EUR	25,2150	25,2150	25,2150			25,2150					
Certificate	NL0011045018	WEREL 49.8TS OPENH	EUR	2,4500	2,4500	2,4200			2,4200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011045000	WEREL 53.4TS OPENH	EUR	2,8500	2,8500	2,8200			2,8200					
Certificate	DE000C3NQG6	WEREL17.98TL OPENZ	EUR	11,3500	11,7800	11,3500			11,7800					
Certificate	DE000CV4ZUV3	WEREL21.99TL OPENZ	EUR	7,3500	7,7800	7,3500			7,7800					
Certificate	NL0012688741	WEREL22.15BL OPENB	EUR	7,9550	7,9550	7,9550			7,9550					
Certificate	NL0012685994	WEREL24.19BL OPENB	EUR	5,6300	5,9150	5,6300	563,0000	1	5,9150	100				
Certificate	NL0012682470	WEREL26.23BL OPENB	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	DE000CD61QB1	WEREL28.03TL OPENZ	EUR	1,3050	1,7100	1,3050	4794,0900	5	1,7100	3001				
Certificate	NL0012778484	WEREL28.25BL OPENB	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	NL0012994933	WEREL31.24BS OPENB	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	NL0012681993	WEREL34.23BS OPENB	EUR	4,7450	4,7450	4,7450			4,7450					
Certificate	DE000CV4ZZG3	WEREL35.17TS OPENZ	EUR	6,0300	6,0300	5,6100			5,6100					
Certificate	NL0012682009	WEREL37.16BS OPENB	EUR	7,6650	7,6650	7,6650			7,6650					
Certificate	DE000CD62T23	WEREL39.64TS OPENZ	EUR	10,5100	10,5100	10,0900			10,0900					
Certificate	NL0013005473	WESSA 7.8TL OPENB	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0013014111	WESSA 8.3TL OPENB	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	NL0013005895	WESSA 8.3TL OPENB	EUR											
Certificate	NL0013015415	WESSA 8.8TL OPENB	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	NL0013005127	WESSA 6.27BL OPENB	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	NL0012999890	WESSA 7.27BL OPENB	EUR	0,2050	0,2050	0,2050			0,2050					
Certificate	NL0013005887	WESSA 7.31TL OPENB	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	NL0013006174	WESSA 8.27BL OPENB	EUR											
Certificate	NL0013013816	WESSA 8.28BL OPENB	EUR	1,0700	1,0700	0,9950	42,8000	1	0,9950	40				
Certificate	NL0013010952	WESSA 8.79TL OPENB	EUR											
Certificate	NL0013013766	WESSA 9.46TS OPENB	EUR											
Certificate	NL0013005234	WESSA10.35BS OPENB	EUR	0,1800	0,1800	0,1750	396,0000	1	0,1750	2200				
Certificate	NL0013005671	WESSA10.46TS OPENB	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	NL0012999726	WESSA11.45TS OPENB	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	NL0012988083	WESSA12.35BS OPENB	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	NL0012988265	WESSA12.46TS OPENB	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0012982847	WESSA14.34BS OPENB	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CE6FON4	WESSA18.53TS OPENZ	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000C3NOC9	WESSA5.166TL OPENZ	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CN6HMS4	WESSA6.683TL OPENZ	EUR	0,6100	0,6100	0,5900	183,0000	1	0,5900	300				
Certificate	DE000C3NOD7	WESSA7.479TL OPENZ	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	DE000C3N1D5	WESSA8.276TL OPENZ	EUR											
Certificate	DE000C3PGC1	WESSA8.281TL OPENZ	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CR9QD8	WEST 15.62TL OPENZ	EUR	0,5000	0,5100	0,5000			0,5100					
Certificate	DE000CN6HJ26	WFC 40.31TL OPENZ	EUR	0,8800	1,0000	0,8800			1,0000					
Certificate	DE000VN61016	WHEAT LEVOPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VL51282	WHEAT LEVOPENV	EUR	0,0320	0,0320	0,0320			0,0320					
Certificate	DE000VN61008	WHEAT LEVOPENV	EUR	0,0500	0,0520	0,0500	21,2500	1	0,0500	425				
Certificate	DE000VN61022	WHEAT LEVOPENV	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000VN61040	WHEAT SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VL23RS3	WHEAT SHROPENV	EUR	0,1220	0,1220	0,1220			0,1220					
Certificate	DE000VN61032	WHEAT SHROPENV	EUR	0,3620	0,3620	0,3620			0,3620					
Certificate	DE000VN61024	WHEAT SHROPENV	EUR	4,7550	4,7550	4,7550			4,7550					
Certificate	NL0012543144	WHEAT 4.26TL OPENH	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0012543136	WHEAT 4.36TL OPENH	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0012543128	WHEAT 4.46TL OPENH	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0012543110	WHEAT 4.56TL OPENH	EUR	0,6600	0,6600	0,6500	2640,0000	1	0,6500	4000				
Certificate	NL0012543102	WHEAT 4.66TL OPENH	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	NL0012543094	WHEAT 4.77TL OPENH	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	DE000CY16LQ0	WOLTE 30TL OPENC	EUR	23,6300	23,6300	23,6300			23,6300					
Certificate	DE000CY51CV6	WOLTE 30TL OPENC	EUR	23,6000	23,6000	23,6000			23,6000					
Certificate	DE000CY517G9	WOLTE 32TL OPENC	EUR	21,6300	21,6300	21,6300			21,6300					
Certificate	DE000CY16HV8	WOLTE 32TL OPENC	EUR	21,5800	21,5800	21,5800			21,5800					
Certificate	DE000CY514Y9	WOLTE 34TL OPENC	EUR	19,0300	19,0300	19,0300			19,0300					
Certificate	DE000CY517H7	WOLTE 34TL OPENC	EUR	19,6600	19,6600	19,6600			19,6600					
Certificate	DE000CY51CW4	WOLTE 36TL OPENC	EUR	17,7100	17,7100	17,7100			17,7100					
Certificate	DE000CY51B13	WOLTE 36TL OPENC	EUR	17,0200	17,0200	17,0200			17,0200					
Certificate	DE000CY522T2	WOLTE 38TL OPENC	EUR	15,8100	15,8100	15,8100			15,8100					
Certificate	DE000CY51KK2	WOLTE 38TL OPENC	EUR	15,0300	15,0300	15,0300			15,0300					
Certificate	NL0012649255	WOLTE 44BOC1218Z	EUR	43,7600	43,8550	43,7600			43,8550					
Certificate	DE000CY51CY0	WOLTE 46TS OPENC	EUR											
Certificate	DE000CY51XJ7	WOLTE 50TS OPENC	EUR											
Certificate	NL0012987291	WOLTE 56BOC0619B	EUR	52,4700	52,4700	52,4700			52,4700					
Certificate	NL0013007768	WOLTE 52.BS OPENB	EUR											
Certificate	NL0010893756	WOLTE 16.7TL OPENB	EUR	36,2300	36,7700	36,2300			36,7700					
Certificate	NL0010904512	WOLTE 18.8TL OPENB	EUR	34,7500	34,7500	34,7500			34,7500					
Certificate	NL0011651401	WOLTE 28.4TL OPENB	EUR	25,8500	25,8500	25,8500			25,8500					
Certificate	NL0012108849	WOLTE 33.7TL OPENB	EUR	20,9400	20,9400	20,9400			20,9400					
Certificate	NL0012494678	WOLTE 40.7BOC1218B	EUR	40,6000	40,6000	40,6000			40,6000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012648885	WOLTE 42.5BON0619Z	EUR	51,5100	51,9900	51,5100			51,9900					
Certificate	NL0012649263	WOLTE 45.5BON0619Z	EUR	45,2600	45,3350	45,2600			45,3350					
Certificate	NL0012978647	WOLTE 47.1TL OPENB	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	NL0012979967	WOLTE 48.1TL OPENB	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	NL0013012933	WOLTE 49.1TL OPENB	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	NL0013013709	WOLTE 50.1TL OPENB	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	NL0013007420	WOLTE 52.8TS OPENB	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	NL0012998447	WOLTE 54.7TS OPENB	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	NL0012987440	WOLTE 56.7TS OPENB	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	NL0012935845	WOLTE 57.5TS OPENH	EUR	10,4300	10,4300	9,9600			9,9600					
Certificate	NL0012900062	WOLTE 64.3TS OPENH	EUR	17,7700	17,7700	17,3000			17,3000					
Certificate	NL0011053053	WOLTE21.84TL OPENH	EUR	31,3800	31,8500	31,3800			31,8500					
Certificate	NL0011053046	WOLTE23.96TL OPENH	EUR	29,4100	29,8800	29,4100			29,8800					
Certificate	NL0011995568	WOLTE28.27TL OPENH	EUR	25,3900	25,8600	25,3900			25,8600					
Certificate	DE000CN6F602	WOLTE28.41TL OPENZ	EUR	11,6450	11,8950	11,6450			11,8950					
Certificate	NL0011739164	WOLTE29.31TL OPENH	EUR	24,4300	24,9000	24,4300			24,9000					
Certificate	DE000CN6K537	WOLTE30.91TL OPENZ	EUR	10,3950	10,6450	10,3950			10,6450					
Certificate	NL0012049191	WOLTE31.37TL OPENH	EUR	22,5100	22,9700	22,5100			22,9700					
Certificate	NL0012055743	WOLTE33.41TL OPENH	EUR	20,6100	21,0800	20,6100			21,0800					
Certificate	DE000CE6BEP6	WOLTE33.89TL OPENZ	EUR	8,9050	9,1550	8,9050			9,1550					
Certificate	NL0012435937	WOLTE34.43TL OPENH	EUR	19,6600	20,1300	19,6600			20,1300					
Certificate	NL0012516256	WOLTE36.46TL OPENH	EUR	17,7700	18,2400	17,7700			18,2400					
Certificate	DE000CE6ETD4	WOLTE37.38TL OPENZ	EUR	7,1600	7,4100	7,1600			7,4100					
Certificate	NL0012523005	WOLTE37.44TL OPENH	EUR	16,8600	17,3300	16,8600			17,3300					
Certificate	NL0012525224	WOLTE38.48TL OPENH	EUR	15,8900	16,3600	15,8900			16,3600					
Certificate	NL0012582258	WOLTE39.43TL OPENH	EUR	15,0000	15,4700	15,0000			15,4700					
Certificate	NL0012595607	WOLTE40.48TL OPENH	EUR	14,0300	14,5000	14,0300			14,5000					
Certificate	DE000CV88AQ8	WOLTE41.35TL OPENZ	EUR	5,1800	5,4300	5,1800			5,4300					
Certificate	NL0012606800	WOLTE42.44TL OPENH	EUR	12,2000	12,6700	12,2000			12,6700					
Certificate	NL0013008808	WOLTE43.21BL OPENB	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	NL0012787360	WOLTE44.21BL OPENB	EUR	8,3500	8,3500	8,3500			8,3500					
Certificate	NL0012614259	WOLTE44.37TL OPENH	EUR	10,4100	10,8800	10,4100			10,8800					
Certificate	NL0013008816	WOLTE45.22BL OPENB	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	DE000CV89960	WOLTE45.31TL OPENZ	EUR	3,2250	3,4750	3,2250			3,4750					
Certificate	NL0012793160	WOLTE46.22BL OPENB	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	NL0012865083	WOLTE46.33TL OPENH	EUR	8,5800	9,0500	8,5800			9,0500					
Certificate	NL0012973630	WOLTE47.23BL OPENB	EUR	5,1300	5,3300	5,1100	82,0800	1	5,3300	16				
Certificate	NL0012927636	WOLTE48.12TL OPENH	EUR	6,9100	7,3800	6,9100			7,3800					
Certificate	NL0013012057	WOLTE48.23BL OPENB	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	NL0013013378	WOLTE49.22BL OPENB	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	NL0013081813	WOLTE52.37TS OPENH	EUR											
Certificate	NL0013005242	WOLTE53.99BS OPENB	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0012936751	WOLTE55.52TS OPENH	EUR	8,2900	8,2900	7,8200			7,8200					
Certificate	NL0012980221	WOLTE55.97BS OPENB	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	NL0012926604	WOLTE57.58TS OPENH	EUR	10,5200	10,5200	10,0500			10,0500					
Certificate	NL0012920961	WOLTE57.64TS OPENH	EUR	10,5800	10,5800	10,1200			10,1200					
Certificate	NL0013004047	WOLTE57.97BS OPENB	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	NL0012852354	WOLTE59.47TS OPENH	EUR	12,5600	12,5600	12,0900			12,0900					
Certificate	NL0012915169	WOLTE59.59TS OPENH	EUR	12,6800	12,6800	12,2100			12,2100					
Certificate	NL0012988315	WOLTE59.96BS OPENB	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	NL0012892426	WOLTE64.23TS OPENH	EUR	17,6900	17,6900	17,2300			17,2300					
Certificate	DE000CN6GVC6	WPM 10.49TL OPENZ	EUR	6,1950	6,1950	5,6050			5,6050					
Certificate	DE000CV8BD11	WPM 12.14TL OPENZ	EUR	0,9550	0,9550	0,8450			0,8450					
Certificate	DE000CN6JC13	WPM 13.19TL OPENZ	EUR	3,9150	3,9150	3,3250			3,3250					
Certificate	DE000CN6JMB1	WPM 14.81TL OPENZ	EUR	2,5550	2,5550	1,9550	780,5000	2	1,9550	350				
Certificate	DE000CJ3NR11	WPM 16.34TL OPENZ	EUR	0,2550	0,2550	0,1350			0,1350					
Certificate	DE000CV89BC4	WPM 18.44TL OPENZ	EUR											
Certificate	DE000VA54547	XAG LEVOPENV	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	DE000CJ3N682	XFAB 3.92TL OPENZ	EUR	0,2800	0,3600	0,2800	2048,0000	5	0,3300	6050				
Certificate	DE000CV8BEE5	XFAB 4.42TL OPENZ	EUR	0,2300	0,2400	0,2300	920,0000	2	0,2400	4000				
Certificate	DE000CV89SF1	XFAB 4.96TL OPENZ	EUR	0,0920	0,1800	0,0920	992,0000	4	0,1400	6000				
Certificate	DE000CE6EGU5	XFAB 5.51TL OPENZ	EUR											
Certificate	DE000CE6EGV3	XFAB 6.15TL OPENZ	EUR											
Certificate	DE000CJ3PBV6	XIACB 8.59TL OPENZ	EUR	0,4500	0,5450	0,4500			0,5450					
Certificate	DE000CJ3N1N4	XIACB 9.59TL OPENZ	EUR	0,3400	0,4350	0,3400			0,4350					
Certificate	DE000CJ3NYF2	XIACB10.59TL OPENZ	EUR	0,2400	0,3250	0,2400	320,0000	1	0,3250	1000				
Certificate	DE000CJ3PEP8	XIACB11.59TL OPENZ	EUR	0,1400	0,2250	0,1400			0,2250					
Certificate	DE000CV8BDL2	XIACB12.09TL OPENZ	EUR											
Certificate	DE000CV8ASC1	XIACB17.34TL OPENZ	EUR											
Certificate	DE000CV8B292	XIACB17.37TL OPENZ	EUR											
Certificate	DE000CN6KP07	YAND 16.36TL OPENZ	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	DE000CV89B12	YAND 20.84TL OPENZ	EUR	0,9650	1,1050	0,9650			1,1050					



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	DE000CJ3PGP3	YAND 22.83TL OPENZ	EUR	0,6250	0,7550	0,6250			0,7550					
Certificate	DE000CJ3PGQ1	YAND 24.83TL OPENZ	EUR	0,2850	0,4150	0,2850			0,4150					
Certificate	DE000CE6CL34	YAND 25.93TL OPENZ	EUR											
Certificate	DE000CJ3PGR9	YAND 26.83TL OPENZ	EUR											
Certificate	DE000CE6DY38	YAND 28.47TL OPENZ	EUR											
Certificate	DE000CJ3NKB0	YAND 30.46TL OPENZ	EUR											
Certificate	DE000CJ3PG95	YAND 32.27TS OPENZ	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000CJ3PDC8	YAND 32.95TL OPENZ	EUR											
Certificate	DE000CJ3PE22	YAND 35.77TS OPENZ	EUR	1,6850	1,6850	1,5550			1,5550					
Certificate	DE000CV88AS4	YAND 39.77TS OPENZ	EUR	2,3850	2,3850	2,2650			2,2650					
Certificate	DE000CV4ZQC1	YAND 44.82TS OPENZ	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	DE000CV87HD3	YAND 49.89TS OPENZ	EUR	4,0450	4,0450	4,0450			4,0450					
Certificate	DE000CD61959	YAR 230.7TL OPENZ	EUR	1,2600	1,3100	1,2600			1,3100					
Certificate	DE000CN6HTG9	YAR 261.6TL OPENZ	EUR	0,9400	0,9900	0,9400			0,9900					
Certificate	DE000CE6DY20	YAR 312.1TL OPENZ	EUR	0,4100	0,4600	0,4100			0,4600					
Certificate	DE000CV8B615	YAR 362.1TL OPENZ	EUR											
Certificate	NL0010046116	YUM B 54.5TL OPENB	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	NL0010046108	YUM B 57.4TL OPENB	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	DE000CJ3PEC6	YY 47.22TL OPENZ	EUR	1,1600	1,3150	1,1600			1,3150					
Certificate	DE000CV8BD29	YY 54.22TL OPENZ	EUR	0,5900	0,7450	0,5900			0,7450					
Certificate	DE000CV8ATM8	YY 64.99TL OPENZ	EUR											
Certificate	DE0005715155	Z KOREA CT OPENN	EUR	205,5500	205,5500	205,5500			205,5500					
Certificate	NL0013005259	ZALG 34.9BS OPENB	EUR											
Certificate	DE000CJ3NVU7	ZALG 24.08TL OPENZ	EUR	1,8850	2,1650	1,8850			2,1650					
Certificate	NL0012998728	ZALG 25.07BL OPENB	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	NL0013006943	ZALG 27.58BL OPENB	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	DE000CD629Q6	ZALG 28.34TL OPENZ	EUR	5,3700	6,7800	5,3700			6,7800					
Certificate	NL0012998736	ZALG 30.08BL OPENB	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	NL0013013386	ZALG 32.59BL OPENB	EUR											
Certificate	NL0013015076	ZALG 34.88BS OPENB	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	NL0012999940	ZALG 37.37BS OPENB	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0012998751	ZALG 39.86BS OPENB	EUR	1,3550	1,3550	1,3550			1,3550					
Certificate	NL0012998769	ZALG 44.85BS OPENB	EUR	2,3450	2,3450	2,3450			2,3450					
Certificate	NL0000455848	ZILVER CT OPENN	EUR	12,8400	12,8400	12,8200			12,8200					
Certificate	DE000CR9SS46	ZURIC167.2TL OPENZ	EUR	1,1550	1,1750	1,1550			1,1750					
Certificate	DE000CN6L1E4	ZURIC191.3TL OPENZ	EUR	0,9450	0,9650	0,9450			0,9650					
Certificate	DE000CD62L21	ZURIC216.9TL OPENZ	EUR	0,7150	0,7450	0,7150			0,7450					
Certificate	DE000CE6D3W1	ZURIC258.5TL OPENZ	EUR	0,3550	0,3750	0,3550			0,3750					
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	110,4200	110,4200	110,4200	3864,7000	1	110,4200	3500				
Government bond	NL0009348242	NEDER 3.5% 15JUL20	EUR	107,1000	107,3000	107,1000	2163,4600	2	107,3000	2020				
Government bond	NL0009086115	NEDER 4%15JUL19	EUR											
Government bond	NL0000102275	NEDER3.75%15JAN23	EUR											
Government bond	NL0000102234	NEDER4%15JAN37	EUR	153,0200	153,0200	152,4700	51971,8000	2	152,4700	34000				
Government bond	NL0000102317	NEDER5.5%15JAN28	EUR	146,0000	146,1100	145,8000	201327,9800	5	146,1100	137853				
Government bond	NL0000102077	NEDER7.5%15JAN23	EUR											
Government bond	NL0011220108	NEDERL 25%15JUL25	EUR											
Government bond	NL0011896857	NEDERL0%15JAN2022	EUR											
Government bond	NL0011819040	NEDERLAND0.5%JUL26	EUR	101,5800	101,5800	101,5800	2691,8700	1	101,5800	2650				
Government bond	NL0010881827	NL 0.25%15JAN20	EUR											
Government bond	NL0012171458	NL 0.75% 15JUL27	EUR											
Government bond	NL0012818504	NL 0.75% 15JUL28	EUR											
Government bond	NL0012650469	NL 0% 15JAN24	EUR											
Government bond	NL0010514246	NL 1.25%15JAN2019	EUR											
Government bond	NL0010418810	NL 1.75%15JUL23	EUR											
Government bond	NL0010060257	NL 2.25%15JUL22	EUR											
Government bond	NL0010721999	NL 2.75%15JAN47	EUR											
Government bond	NL0010733424	NL 2%15JUL2024	EUR											
Government bond	NL0009446418	NL 3.75% 15JAN42	EUR	158,7400	158,7400	158,7400	158,7400	1	158,7400	100				
Government bond	NL0013050511	NL DTC 28FEB19	EUR											
Government bond	NL0013089105	NL DTC 29MAR19	EUR											
Government bond	NL0012969190	NL DTC 30NOV18	EUR											
Government bond	NL0013025778	NL DTC 31JUL19	EUR											
Government bond	NL0012869309	NL DTC 31OCT18	EUR											
Government bond	NL0011613849	NL STRIP 15JAN19	EUR											
Government bond	NL0011613435	NL STRIP 15JAN19	EUR											
Government bond	NL0011613450	NL STRIP 15JAN20	EUR											
Government bond	NL0011613864	NL STRIP 15JAN20	EUR											
Government bond	NL0011613880	NL STRIP 15JAN21	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	NL0011613476	NL STRIP 15JAN21	EUR											
Government bond	NL0011613492	NL STRIP 15JAN22	EUR											
Government bond	NL0011613906	NL STRIP 15JAN22	EUR											
Government bond	NL0011613922	NL STRIP 15JAN23	EUR											
Government bond	NL0011613518	NL STRIP 15JAN23	EUR											
Government bond	NL0011613534	NL STRIP 15JAN24	EUR											
Government bond	NL0011613930	NL STRIP 15JAN24	EUR											
Government bond	NL0011613559	NL STRIP 15JAN25	EUR											
Government bond	NL0011613948	NL STRIP 15JAN25	EUR											
Government bond	NL0011613955	NL STRIP 15JAN26	EUR											
Government bond	NL0011613575	NL STRIP 15JAN26	EUR											
Government bond	NL0011613963	NL STRIP 15JAN27	EUR											
Government bond	NL0011613583	NL STRIP 15JAN27	EUR											
Government bond	NL0011613591	NL STRIP 15JAN28	EUR											
Government bond	NL0011613971	NL STRIP 15JAN28	EUR											
Government bond	NL0011613609	NL STRIP 15JAN29	EUR											
Government bond	NL0011613989	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	NL0011614029	NL STRIP 15JAN33	EUR											
Government bond	NL0011613641	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	NL0011613674	NL STRIP 15JAN36	EUR											
Government bond	NL0011614052	NL STRIP 15JAN36	EUR											
Government bond	NL0011613682	NL STRIP 15JAN37	EUR											
Government bond	NL0011614060	NL STRIP 15JAN37	EUR											
Government bond	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	NL0011614094	NL STRIP 15JAN40	EUR											
Government bond	NL0011613716	NL STRIP 15JAN40	EUR											
Government bond	NL0011614102	NL STRIP 15JAN41	EUR											
Government bond	NL0011613724	NL STRIP 15JAN41	EUR											
Government bond	NL0011614110	NL STRIP 15JAN42	EUR											
Government bond	NL0011613732	NL STRIP 15JAN42	EUR											
Government bond	NL0011613740	NL STRIP 15JAN43	EUR											
Government bond	NL0011613757	NL STRIP 15JAN44	EUR											
Government bond	NL0011613765	NL STRIP 15JAN45	EUR											
Government bond	NL0011613773	NL STRIP 15JAN46	EUR											
Government bond	NL0011613781	NL STRIP 15JAN47	EUR											
Government bond	NL0011613443	NL STRIP 15JUL19	EUR											
Government bond	NL0011613856	NL STRIP 15JUL19	EUR											
Government bond	NL0011613872	NL STRIP 15JUL20	EUR											
Government bond	NL0011613468	NL STRIP 15JUL20	EUR											
Government bond	NL0011613898	NL STRIP 15JUL21	EUR											
Government bond	NL0011613484	NL STRIP 15JUL21	EUR											
Government bond	NL0011613500	NL STRIP 15JUL22	EUR											
Government bond	NL0011613914	NL STRIP 15JUL22	EUR											
Government bond	NL0011613526	NL STRIP 15JUL23	EUR											
Government bond	NL0011613542	NL STRIP 15JUL24	EUR											
Government bond	NL0011613567	NL STRIP 15JUL25	EUR											
Government bond	NL0011821186	NL STRIP 15JUL26	EUR											
Government bond	NL0012191548	NL STRIP 15JUL27	EUR											
Government bond	NL0012818553	NL STRIP 15JUL28	EUR											
Government bond	NL0000103000	NLHSOM ZC15JAN23	EUR											
Government bond	NL0000103455	NLHSOM ZC15JAN28	EUR											
Government bond	NL0010107975	NLHSOM ZC15JAN33	EUR											
Government bond	NL0000102788	NLHSOM ZC15JAN37	EUR											
Government bond	NL0009446608	NLHSOM ZC15JAN42	EUR											
Government bond	NL0009086206	NLHSOM ZC15JUL19	EUR											
Government bond	NL0009363753	NLHSOM ZC15JUL20	EUR											
Government bond	NL0009712496	NLHSOM ZC15JUL21	EUR											
Government bond	NL0010060265	NLHSOM ZC15JUL22	EUR											
Government bond	NL0000103265	NLRENT ZC15JAN19	EUR											



Instrument Type	Exchange Instrument ID	Instrument 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	NL0000103273	NLRENT ZC15JAN20	EUR											
Government bond	NL0000103281	NLRENT ZC15JAN21	EUR											
Government bond	NL0000103299	NLRENT ZC15JAN22	EUR											
Government bond	NL0000103307	NLRENT ZC15JAN23	EUR											
Government bond	NL0000103315	NLRENT ZC15JAN24	EUR											
Government bond	NL0000103323	NLRENT ZC15JAN25	EUR											
Government bond	NL0000103331	NLRENT ZC15JAN26	EUR											
Government bond	NL0000103349	NLRENT ZC15JAN27	EUR											
Government bond	NL0000103364	NLRENT ZC15JAN28	EUR											
Government bond	NL0000003515	NLRENT ZC15JAN29	EUR											
Government bond	NL0000003523	NLRENT ZC15JAN30	EUR											
Government bond	NL0000003531	NLRENT ZC15JAN31	EUR											
Government bond	NL0000003549	NLRENT ZC15JAN32	EUR											
Government bond	NL0000003556	NLRENT ZC15JAN33	EUR											
Government bond	NL0000003564	NLRENT ZC15JAN34	EUR											
Government bond	NL0000003572	NLRENT ZC15JAN35	EUR											
Government bond	NL0000003580	NLRENT ZC15JAN36	EUR											
Government bond	NL0009446616	NLRENT ZC15JAN38	EUR											
Government bond	NL0009446624	NLRENT ZC15JAN39	EUR											
Government bond	NL0009446632	NLRENT ZC15JAN40	EUR											
Government bond	NL0009446640	NLRENT ZC15JAN41	EUR											
Government bond	NL0009446657	NLRENT ZC15JAN42	EUR											
Government bond	NL0009086214	NLRENT ZC15JUL19	EUR											
Government bond	NL0009363761	NLRENT ZC15JUL20	EUR											
Government bond	NL0009712504	NLRENT ZC15JUL21	EUR											
Government bond	NL0010060273	NLRENT ZC15JUL22	EUR											
Government bond	NL0000003598	NLRENT ZC15JAN37	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	GB00B7Z53659	UKT2.250SEP23	GBP											
Government bond	GB00BHBHFH458	UKT2.750SEP24	GBP											
Government bond	GB00B84Z9V04	UKT3.250JAN44	GBP											
Government bond	GB00BN65R313	UKT3.500JAN45	GBP											
Government bond	GB00BBJNQY21	UKT3.500JUL68	GBP											
Government bond	GB00B6RHH572	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	GB00B06VGN05	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	GB00B3Y1JG82	UKT10.125MAR29	GBP											
Government bond	GB00B7RNOG65	UKT10.125MAR44	GBP											
Government bond	GB00BP9DLZ64	UKT10.125MAR58	GBP											
Government bond	GB00BDX8CX86	UKT10.125MAR68	GBP											
Government bond	GB00BBDRT729	UKT10.125NOV19	GBP											
Government bond	GB00B73ZYW09	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											



Instrument Type	Exchange Instrument ID	Instrument 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	GB0081L6W962	UKT1.125NOV37	GBP											
Government bond	GB008128DH60	UKT1.250NOV27	GBP											
Government bond	GB0083D4VD98	UKT1.250NOV32	GBP											
Government bond	GB0080CNH209	UKT1.250NOV55	GBP											
Government bond	GB008125HQ14	UKT1.875NOV22	GBP											
Government bond	GB0031790826	UKT2.000JAN35	GBP											
Government bond	GB0009081828	UKT2.500APR20	GBP											
Government bond	GB0008983024	UKT2.500JUL24	GBP											
Government bond	GB0008932666	UKT4.125JUL30	GBP											
Investment fund	NL0012235840	AB EUROP EQUITY	EUR	14,2900	14,2900	14,2900	14,2900	1	14,2900		1			
Investment fund	NL0010579074	ACTIAM D eur aand	EUR	20,0700	20,0700	20,0700	40,1400	2	20,0700		2			
Investment fund	NL0010579090	ACTIAM D eur obl	EUR	18,8400	18,8400	18,8400	18,8400	1	18,8400		1			
Investment fund	NL0010579157	ACTIAM D mix def	EUR	23,9800	23,9800	23,9800	551,5400	2	23,9800		23			
Investment fund	NL0010579165	ACTIAM D mix neut	EUR	22,7300	22,7300	22,7300	9114,7300	3	22,7300		401			
Investment fund	NL0010579173	ACTIAM D mix off	EUR	18,2800	18,2800	18,2800	255,9200	2	18,2800		14			
Investment fund	NL0010579124	ACTIAM D Wrld aand	EUR	30,8500	30,8500	30,8500	30,8500	1	30,8500		1			
Investment fund	NL0010579132	ACTIAM eur vastg	EUR	30,2700	30,2700	30,2700	121,0800	2	30,2700		4			
Investment fund	NL0011309315	ACTIAM VIA EUROPA	EUR	27,1800	27,1800	27,1800	75071,1600	4	27,1800		2762			
Investment fund	NL0011309323	ACTIAM VIA N-AMER	EUR	33,5900	33,5900	33,5900	364014,8300	6	33,5900		10837			
Investment fund	NL0011872635	ACTIAM VIA OPK LAN	EUR	23,6100	23,6100	23,6100	70,8300	2	23,6100		3			
Investment fund	NL0011309331	ACTIAM VIA PACIFIC	EUR	28,7400	28,7400	28,7400	198162,3000	6	28,7400		6895			
Investment fund	NL0011309349	ACTIAM VIA WERELD	EUR	31,0000	31,0000	31,0000	3192752,0000	15	31,0000		102992			
Investment fund	NL0009388743	ADD VALUE FUND	EUR	46,0500	46,0500	46,0500	108539,8500	13	46,0500		2357			
Investment fund	NL0010510822	AFRIKA FONDS-G	EUR	85,2300	85,2300	85,2300	25824,6900	5	85,2300		303			
Investment fund	NL0000685576	AGHY FUND	EUR	11,7500	11,7500	11,7500	4993,7500	1	11,7500		425			
Investment fund	NL0000286896	ALLIANZ AMR EQ 1	EUR	27,7000	27,7000	27,7000	27,7000	1	27,7000		1			
Investment fund	NL0000286979	ALLIANZ ERP EQ 11	EUR	73,8800	73,8800	73,8800	73,8800	1	73,8800		1			
Investment fund	NL0000286904	ALLIANZ EUR OBL 2	EUR	72,5000	72,5000	72,5000	72,5000	1	72,5000		1			
Investment fund	NL0000286938	ALLIANZ PAFI EQ 5	EUR	84,2500	84,2500	84,2500	84,2500	1	84,2500		1			
Investment fund	NL0000286912	ALLIANZ SELECT 3	EUR	102,4000	102,4000	102,4000	102,4000	1	102,4000		1			
Investment fund	NL0009497965	ALLIANZ WRLD EQ 10	EUR	55,9800	55,9800	55,9800	615,7800	2	55,9800		11			
Investment fund	NL0006311706	Arcona Property Fd	EUR	7,1500	7,1500	7,1500	7,1500	1	7,1500		1			
Investment fund	IE00BDH2LR26	ASIAN CAP HOLD A	USD											
Investment fund	IE00BDH2LS33	ASIAN CAP HOLD B	EUR											
Investment fund	NL0011896774	ASN DM DEFENSIEF	EUR	50,9100	50,9100	50,9100	42509,8500	1	50,9100		835			
Investment fund	NL0011896782	ASN DM NEUTRAAL	EUR	51,1000	51,1000	51,1000	131224,8000	2	51,1000		2568			
Investment fund	NL0011896790	ASN DM OFFENSIEF	EUR	51,6600	51,6600	51,6600	35852,0400	1	51,6600		694			
Investment fund	NL0011896808	ASN DM ZEER OFF	EUR	51,9300	51,9300	51,9300	51774,2100	1	51,9300		997			
Investment fund	NL0011896766	ASN DM ZEERDEF	EUR	50,7000	50,7000	50,7000	10140,0000	1	50,7000		200			
Investment fund	NL0000441301	ASN DZ AANDELEN	EUR	103,9400	103,9400	103,9400	1837555,2600	17	103,9400		17679			
Investment fund	NL0000280089	ASN DZ MIXFONDS	EUR	85,8300	85,8300	85,8300	118531,2300	5	85,8300		1381			
Investment fund	NL0000441244	ASN DZ OBLIGATIE	EUR	28,6600	28,6600	28,6600	148458,8000	5	28,6600		5180			
Investment fund	NL0000290518	ASN DZ SMAL/MIDCAP	EUR	34,9700	34,9700	34,9700	98930,1300	4	34,9700		2829			
Investment fund	NL0012314660	ASN Groenfond	EUR	25,9400	25,9400	25,9400	965383,0400	4	25,9400		37216			
Investment fund	NL0000280501	ASN MILIEU&WATER 2	EUR	29,0000	29,0000	29,0000	503237,0000	16	29,0000		17353			
Investment fund	NL0012314652	ASN Novifond	EUR	55,6800	55,6800	55,6800	90312,9600	7	55,6800		1622			
Investment fund	NL0006294175	BNP AS PAC HI INC	EUR	53,4900	53,4900	53,4900	166621,3500	5	53,4900		3115			
Investment fund	NL0012727432	BNP ESGNL	EUR	126,2600	126,2600	126,2600	255297,7200	8	126,2600		2022			
Investment fund	NL0006294167	BNP GL HIGH IN EQ	EUR	55,1700	55,1700	55,1700	19143,9900	5	55,1700		347			
Investment fund	NL0006294092	BNP GL PROP SEC FD	EUR	57,6000	57,6000	57,6000	29836,8000	5	57,6000		518			
Investment fund	NL0006294159	BNP HIGH INC PR FD	EUR	30,3700	30,3700	30,3700	1305,9100	3	30,3700		43			
Investment fund	NL0006294035	BNP OBAM	EUR	72,0600	72,0600	72,0600	299049,0000	13	72,0600		4150			
Investment fund	NL0010949343	BNP PRM GLB DIV FD	EUR	24,7600	24,7600	24,7600	29266,3200	4	24,7600		1182			
Investment fund	NL0006294118	BNP PRO SEC FD EUR	EUR	65,5300	65,5300	65,5300	3538,6200	2	65,5300		54			
Investment fund	NL0010511002	DD Equity Fund	EUR	157,3300	157,3300	157,3300	10383,7800	3	157,3300		66			
Investment fund	NL0013025539	DD INCOME FUND	EUR	24,8000	24,8000	24,8000	381920,0000	1	24,8000		15400			
Investment fund	NL0009445915	DD PROPERTY FUND A	EUR	33,6300	33,6300	33,6300	33,6300	1	33,6300		1			
Investment fund	NL0010949350	DD PROPERTY FUND B	EUR	34,2900	34,2900	34,2900	68,5800	2	34,2900		2			
Investment fund	NL0012838973	EUR ASSETS TRUST	EUR	1,1600	1,1600	1,1600	1,1600	1	1,1600		1			
Investment fund	IE00BN576201	EUR CAP HOLD CI B	EUR											
Investment fund	NL0010556775	HH CV FUND	EUR	36,0000	36,0000	36,0000	39996,0000	2	36,0000		1111			
Investment fund	NL0010514196	HH EM Fund	EUR	81,7600	81,7600	81,7600	899,3600	1	81,7600		11			
Investment fund	NL0009864495	HH EUR VALUE FUND	EUR	36,3400	36,3400	36,3400	6504,8600	1	36,3400		179			
Investment fund	NL0012061253	HH GLOBAL FUND	EUR	30,1100	30,1100	30,1100	2679,7900	1	30,1100		89			
Investment fund	NL0009864479	HH INCOME FUND	EUR	20,2800	20,2800	20,2800	144089,4000	3	20,2800		7105			
Investment fund	NL0010514204	HH Obligatie Fund	EUR	35,3800	35,3800	35,3800	12347,6200	2	35,3800		349			
Investment fund	NL0009864487	HH PHOENIX FUND	EUR	36,4400	36,4400	36,4400	134463,6000	10	36,4400		3690			
Investment fund	NL0010514212	HH RE Value Fund	EUR	50,5000	50,5000	50,5000	2121,0000	1	50,5000		42			
Investment fund	NL0009864461	HH VALUE FUND	EUR	29,0000	29,0000	29,0000	291189,0000	2	29,0000		10041			
Investment fund	NL0010510814	HOLLANDS BEZIT-G	EUR	62,7900	62,7900	62,7900	88533,9000	6	62,7900		1410			
Investment fund	NL0000285609	IDB EQTY INCOME	EUR	46,4600	46,4600	46,4600	17097,2800	2	46,4600		368			
Investment fund	NL0010986428	IDB EUR MID CAP	EUR	59,3600	59,3600	59,3600	61081,4400	3	59,3600		1029			



Instrument Type	Exchange Instrument ID	Instrument 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	NL0011896972	IDB FIS	EUR	174,6900	174,6900	174,6900	1921,5900	1	174,6900	11				
Investment fund	NL0000285591	IDB REALEST EQT FD	EUR	158,7000	158,7000	158,7000	29994,3000	2	158,7000	189				
Investment fund	NL0009693258	INTEREFF AL BRAZIL	EUR	0,2900	0,2900	0,2900	319,0000	1	0,2900	1100				
Investment fund	NL0000290427	INTEREFF AL CHINA	EUR	1,3700	1,3900	1,3700	5627,0000	3	1,3900	4100				
Investment fund	NL0000817161	INTEREFF AL INDIA	EUR											
Investment fund	NL0006477440	INTEREFF AL JAPAN	EUR	1,1800	1,1800	1,1800	2365,9000	2	1,1800	2005				
Investment fund	NL0009347574	IUF SEIF	EUR	122,8400	122,8400	122,8400	3326998,5600	3	122,8400	27084				
Investment fund	NL0009486745	IUF SNAIF	EUR	137,9100	137,9100	137,9100	3086977,4400	3	137,9100	22384				
Investment fund	NL0009347566	IUF SWIF	EUR	149,8000	149,8000	149,8000	222003,6000	1	149,8000	1482				
Investment fund	NL0000293348	KE EUR HGHDV FD N	EUR	6,8000	6,8000	6,8000	99416,0000	4	6,8000	14620				
Investment fund	NL0009296649	KEMPEN EURO PROP	EUR	16,4900	16,4900	16,4900	166021,3200	9	16,4900	10068				
Investment fund	NL0006089229	KEMPEN GBL HDiv N	EUR	30,6900	30,6900	30,6900	105236,0100	13	30,6900	3429				
Investment fund	NL0000289627	KEMPEN ORANGE FD	EUR	79,9500	79,9500	79,9500	172692,0000	12	79,9500	2160				
Investment fund	NL0000440675	KEMPEN ORANJE PART	EUR											
Investment fund	NL0010610309	KEMPEN PROFIEL 0	EUR											
Investment fund	NL0000290468	KEMPEN PROFIEL 2	EUR	32,9600	32,9600	32,9600	2109,4400	1	32,9600	64				
Investment fund	NL0000290476	KEMPEN PROFIEL 3	EUR	33,8700	33,8700	33,8700	253483,0800	1	33,8700	7484				
Investment fund	NL0000290484	KEMPEN PROFIEL 4	EUR											
Investment fund	NL0000290492	KEMPEN PROFIEL 5	EUR	34,2500	34,2500	34,2500	20858,2500	2	34,2500	609				
Investment fund	NL0010558854	KEMPEN SUSTAINABLE	EUR	66,2500	66,2500	66,2500	29680,0000	1	66,2500	448				
Investment fund	NL0012512958	KESVC	EUR											
Investment fund	NL0011821210	KGPFIFNV	EUR	33,8200	33,8200	33,8200	1087042,4400	6	33,8200	32142				
Investment fund	NL0012044739	KGPFN	EUR	19,3900	19,3900	19,3900	29434,0200	3	19,3900	1518				
Investment fund	IE00BN575V26	LCH Class A	USD	280,4500	280,4500	280,4500	206357,8500	1	280,4500	840				
Investment fund	IE00BN575W33	LCH Class B	EUR	199,8000	199,8000	199,8000	39960,0000	1	199,8000	200				
Investment fund	NL0009692839	LEGENDS FUND	EUR	94,7800	94,7800	94,7800	94,7800	1	94,7800	1				
Investment fund	NL0009756394	LSP LIFE SCIENCES	EUR	235,4000	235,4000	235,4000	43313,6000	3	235,4000	184				
Investment fund	NL0010228730	NBZ	EUR											
Investment fund	NL0000289882	NN BASIC MAT FD	EUR	51,9200	51,9200	51,9200	43353,2000	6	51,9200	835				
Investment fund	NL0000289767	NN DAILY C GDS FD	EUR	80,0600	80,0600	80,0600	54440,8000	6	80,0600	680				
Investment fund	NL0000287993	NN DUTCH FD	EUR	61,5800	61,5800	61,5800	346202,7600	5	61,5800	5622				
Investment fund	NL0006311789	NN DUURZAAM AAN FD	EUR	32,7100	32,7100	32,7100	222002,7700	5	32,7100	6787				
Investment fund	NL0000293173	NN DYN MIX FD IV	EUR	32,0000	32,0000	32,0000	211360,0000	5	32,0000	6605				
Investment fund	NL0000293157	NN DYN MIX FDI	EUR	29,9200	29,9200	29,9200	131229,1200	5	29,9200	4386				
Investment fund	NL0000293165	NN DYN MIX FDI	EUR	31,5800	31,5800	31,5800	217333,5600	5	31,5800	6882				
Investment fund	NL0000293181	NN DYN MIX FDV	EUR	31,0100	31,0100	31,0100	165779,4600	5	31,0100	5346				
Investment fund	NL0000293140	NN DYNAMIC MIX FDI	EUR	28,9500	28,9500	28,9500	51212,5500	3	28,9500	1769				
Investment fund	NL0000292746	NN EDA Fund P	EUR	10,6200	10,6200	10,6200	207621,0000	7	10,6200	19550				
Investment fund	NL0000286318	NN EI Fund P	EUR	9,5300	9,5300	9,5300	12179,3400	2	9,5300	1278				
Investment fund	NL0012125736	NN EISE Fund A P	EUR	20,8200	20,8200	20,8200	1957,0800	3	20,8200	94				
Investment fund	NL0000292225	NN EMERGING EUR FD	EUR	53,7500	53,7500	53,7500	10105,0000	4	53,7500	188				
Investment fund	NL0000289791	NN ENERGY FD	EUR	43,2200	43,2200	43,2200	45813,2000	5	43,2200	1060				
Investment fund	NL0012817134	NN EUR DEELN F -P	EUR	35,8900	35,8900	35,8900	83659,5900	10	35,8900	2331				
Investment fund	NL0006311797	NN EUR OBLIG FD	EUR	33,9800	33,9800	33,9800	205646,9600	6	33,9800	6052				
Investment fund	NL0006311730	NN EUR SM CAPS FD	EUR	84,9900	84,9900	84,9900	312423,2400	6	84,9900	3676				
Investment fund	NL0000292332	NN EUROPE FD	EUR	27,3400	27,3400	27,3400	54625,3200	6	27,3400	1998				
Investment fund	NL0006311755	NN FAR EAST FD	EUR	42,7000	42,7000	42,7000	28950,6000	4	42,7000	678				
Investment fund	NL0000286169	NN FINANCIAL FD	EUR	19,9800	19,9800	19,9800	32467,5000	5	19,9800	1625				
Investment fund	NL0000286441	NN FIRSTCLAS OBLIG	EUR	23,3100	23,3100	23,3100	78741,1800	8	23,3100	3378				
Investment fund	NL0006311771	NN GLOB EMR MKT FD	EUR	38,8300	38,8300	38,8300	53041,7800	4	38,8300	1366				
Investment fund	NL0006311839	NN GLOB OBL FD	EUR	14,8800	14,8800	14,8800	49684,3200	5	14,8800	3339				
Investment fund	NL0009265404	NN GLOB OPPORT FD	EUR	33,0100	33,0100	33,0100	315839,6800	7	33,0100	9568				
Investment fund	NL0006311847	NN GLOB R ESTAT FD	EUR	86,1300	86,1300	86,1300	31179,0600	7	86,1300	362				
Investment fund	NL0006311805	NN GLOBAL FUND	EUR	80,0200	80,0200	80,0200	47559,3600	4	80,0200	5968				
Investment fund	NL0006311813	NN H DIV OBLIG FD	EUR	22,3300	22,3300	22,3300	44436,7000	4	22,3300	1990				
Investment fund	NL0000292274	NN HEALTH CARE FD	EUR	66,4500	66,4500	66,4500	82796,7000	9	66,4500	1246				
Investment fund	NL0000289858	NN HOOG DIV A FD	EUR	31,5900	31,5900	31,5900	586405,1700	12	31,5900	18563				
Investment fund	NL0000289841	NN INDUST FUND	EUR	56,5300	56,5300	56,5300	28717,2400	2	56,5300	508				
Investment fund	NL0006311821	NN INFO TECH FD	EUR	98,4500	98,4500	98,4500	243269,9500	10	98,4500	2471				
Investment fund	NL0000286078	NN JAPAN FD	EUR	16,0300	16,0300	16,0300	67005,4000	4	16,0300	4180				
Investment fund	NL0006311862	NN LION FD	EUR	34,8300	34,8300	34,8300	182404,7100	4	34,8300	5237				
Investment fund	NL0000289684	NN LUXURY C GDS FD	EUR	63,9100	63,9100	63,9100	8947,4000	7	63,9100	140				
Investment fund	NL0000286045	NN NORTH AMER FD	EUR	44,0400	44,0400	44,0400	122783,5200	5	44,0400	2788				
Investment fund	NL0006311748	NN PREM DIV FD	EUR	13,8600	13,8600	13,8600	146084,4000	9	13,8600	10540				
Investment fund	NL0000442101	NN RENTE P	EUR	14,7100	14,7100	14,7100	244450,7800	6	14,7100	16618				
Investment fund	NL0010489373	NN SXLTB Fund P	EUR											
Investment fund	NL0000289999	NN TEL SCES FD	EUR	35,8400	35,8400	35,8400	394,2400	2	35,8400	11				
Investment fund	NL0000289668	NN UTILITIES FD	EUR	49,7700	49,7700	49,7700	3782,5200	3	49,7700	76				
Investment fund	NL0000442077	NN WM Fund P	EUR											
Investment fund	NL0010558805	OPT EuroRente Fd	EUR	25,8600	25,8600	25,8600	39307,2000	2	25,8600	1520				
Investment fund	NL0010558813	OPT Wereld Aand Fd	EUR	35,5200	35,5200	35,5200	31790,4000	1	35,5200	895				
Investment fund	NL0000287118	OPTIMIX AMERICA FD	EUR	20,4700	20,4700	20,4700	13305,5000	1	20,4700	650				



Instrument Type	Exchange Instrument ID	Instrument 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	NL0000287126	OPTIMIX EMERG MKTS	EUR	60,6400	60,6400	60,6400	85017,2800	3	60,6400	1402				
Investment fund	NL0000287092	OPTIMIX EUROP-FD D	EUR	110,9400	110,9400	110,9400	223765,9800	2	110,9400	2017				
Investment fund	NL0000287084	OPTIMIX INCOM FD C	EUR	36,2900	36,2900	36,2900	387432,0400	3	36,2900	10676				
Investment fund	NL0000287100	OPTIMIX MIX FD E	EUR	30,2600	30,2600	30,2600	48839,6400	2	30,2600	1614				
Investment fund	NL0011354873	RG GMFAC E G	EUR	126,5700	126,5700	126,5700	55690,8000	2	126,5700	440				
Investment fund	NL0011354865	RG WOCE E G	EUR	113,2200	113,2200	113,2200	39287,3400	5	113,2200	347				
Investment fund	NL0000292720	RO PRIVATE EQUITY	EUR											
Investment fund	NL0006238131	ROB AFRIKA FOND5	EUR	103,4600	103,4600	103,4600	2689,9600	1	103,4600	26				
Investment fund	NL0000286615	ROB HOLLANDS BEZIT	EUR	26,0200	26,0200	26,0200	7701,9200	3	26,0200	296				
Investment fund	NL0011896998	ROB QI GL DEV ENH	EUR	110,5100	110,5100	110,5100	1105,1000	1	110,5100	10				
Investment fund	LU0934195610	ROB TOT RET BDS DH	EUR	55,3000	55,3000	55,3000	50654,8000	2	55,3000	916				
Investment fund	NL0010366407	ROBECO GLB ST EQ G	EUR	39,6500	39,6500	39,6500	266725,5500	11	39,6500	6727				
Investment fund	NL0000289783	ROBECO GLB STAR EQ	EUR	36,9100	36,9100	36,9100	149559,3200	3	36,9100	4052				
Investment fund	NL0000289817	ROLINCO	EUR	37,7100	37,7100	37,7100	23983,5600	4	37,7100	636				
Investment fund	NL0010510798	ROLINCO - EUR G	EUR	39,9400	39,9400	39,9400	37104,2600	5	39,9400	929				
Investment fund	NL0000288736	ROLINCO CUMPRF	EUR											
Investment fund	NL0000290088	T&P ALLEGRETTO FD	EUR	8,8400	8,8400	8,8400	17,6800	2	8,8400	2				
Investment fund	IE00BN575V56	TCH Class A	USD	185,5000	185,5000	184,8600	449388,9800	2	184,8600	2770				
Investment fund	IE00BN575263	TCH Class B	EUR											
Investment fund	NL0006173007	TCM AFRC HDE	EUR	12,8700	12,8700	12,8700	2638,3500	2	12,8700	205				
Investment fund	NL0010278073	TCM GL FT HDE	EUR	12,2900	12,2900	12,2900	3748,4500	3	12,2900	305				
Investment fund	NL0006489189	TCM VIETN HDE	EUR	17,1200	17,1200	17,1200	11042,4000	3	17,1200	645				
Investment fund	NL0000440204	TRIODOS GROENFOND5	EUR	57,6900	57,6900	57,6900	94784,6700	3	57,6900	1643				
Investment fund	NL0011327432	Triodos Mult Impac	EUR	24,7600	24,7600	24,7600	24,7600	1	24,7600	1				
Investment fund	NL0000079333	TRIODOS VASTGOED	EUR	2,4100	2,5000	2,4000	36004,4100	14	2,5000	14921				
Investment fund	NL0010619748	US CONSERV HD EQ G	EUR	40,5400	40,5400	40,5400	242429,2000	6	40,5400	5980				
Investment fund	NL0010831046	US LARGE CAP EQ G	EUR	34,9500	34,9500	34,9500	16216,8000	2	34,9500	464				
Investment fund	LU0237485098	WP STEWART HOLD FD	USD	442,7100	442,7100	442,7100	387,8000	1	442,7100	1				
Investment fund	LU0237484448	WPSH EUR	EUR	377,6100	377,6100	377,6100	128009,7900	3	377,6100	339				
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											
Other bond	US00084DAN03	AAB 2.1%18JAN19	USD											
Other bond	XS1549579529	AAB 2.1%18JAN19	USD											
Other bond	XS1020769748	AAB 2.375%23JAN24	EUR											
Other bond	XS0937858271	AAB 2.5%29NOV2023	EUR											
Other bond	XS0968926757	AAB 2.5%5SEP2023	EUR											
Other bond	XS0553050724	AAB 2.721%03NOV20	EUR											
Other bond	XS0807189690	AAB 2.786%26JUL29	EUR											
Other bond	XS0956496375	AAB 2.905%31JUL23	EUR											
Other bond	XS0955560353	AAB 2%30JUL19	EUR											
Other bond	XS0940750762	AAB 3.03%5JUN2043	EUR											
Other bond	XS1005291650	AAB 3.1%18DEC33	EUR											
Other bond	XS1003541528	AAB 3.16% 13DEC25	EUR											
Other bond	XS0773649438	AAB 3.22%19APR27	EUR											
Other bond	XS0773367452	AAB 3.43%18APR19	EUR											
Other bond	XS0732631824	AAB 3.5%18JAN22	EUR											
Other bond	XS0543370430	AAB 3.5%21SEP2022	EUR											
Other bond	XS0519053184	AAB 3.625%22JUN20	EUR											
Other bond	XS0765299572	AAB 4.125%28MCH22	EUR											
Other bond	XS0550570955	AAB 4.155%20OCT22	EUR											
Other bond	XS0613145712	AAB 4.25%06APR21	EUR											
Other bond	XS0553805978	AAB 4.42%29OCT25	EUR											
Other bond	XS1055206038	AAB 4.625%16APR19	AUD											
Other bond	XS1693822634	AAB 4.75 PL	EUR											
Other bond	XS0729213131	AAB 4.75%11JAN19	EUR	101,0300	101,0300	101,0300	50515,0000	1	101,0300	50000				
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	115,2900	115,2900	115,1500	50679,6000	4	115,1500	44000				



Instrument Type	Exchange Instrument ID	Instrument 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	XS0802995166	AAB 7.125%06JUL22	EUR											
Other bond	XS0252108674	AAB ANN OPTINTZC36	EUR											
Other bond	XS0904123535	AAB AUD 5%21MCH19	AUD											
Other bond	XS0795428498	AAB AUD 6.84%JUN12	AUD											
Other bond	XS0953132999	AAB AUD5.25%JUL19	AUD											
Other bond	XS0999526790	AAB AUD5.625%DEC20	AUD											
Other bond	XS0288623852	AAB CALL 4.8%19	EUR											
Other bond	XS1805353734	AAB CB1.45 12APR38	EUR											
Other bond	XS0224587443	AAB CMS RAN FRN20D	EUR											
Other bond	XS1029169213	AAB EURFRN%11FEB19	EUR											
Other bond	XS0549663341	AAB FIX 4.16%OCT22	EUR											
Other bond	XS1199643427	AAB FRN%11MCH20	EUR											
Other bond	US00084DAP50	AAB FRN%18JAN19	USD											
Other bond	XS1549579446	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	XS107382532	AAB GBP 6 3/8%28	GBP											
Other bond	XS1598702949	AAB GBP FRN30NOV18	GBP											
Other bond	XS1078025845	AAB GBP2.5%18DEC18	GBP											
Other bond	XS0731583208	AAB GBP4.875%JAN19	GBP											
Other bond	XS1016899053	AAB NOK 4.23%JAN24	NOK											
Other bond	XS0830620372	AAB NOK 4.76%SEP22	NOK											
Other bond	XS0633195978	AAB NOK 5.08%JUN21	NOK											
Other bond	XS0737138205	AAB NOK FRNFEB22	NOK											
Other bond	XS0969645109	AAB NOK4.2%10SEP20	NOK											
Other bond	XS0550960313	AAB NOK4.5%20OCT20	NOK											
Other bond	XS0565716122	AAB NOK4.8%03DEC20	NOK											
Other bond	XS1033501666	AAB NOKFRN%18FEB19	NOK											
Other bond	XS1003346829	AAB NZD 6%17JUN19	NZD											
Other bond	XS1032493337	AAB SEKFRN%13FEB19	SEK											
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	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	XS1874729624	AAB1.1%29AUG30	EUR											
Other bond	XS1747670922	AAB1.25%10JAN2033	EUR											
Other bond	XS1874835652	AAB1.3%35SEP2033	EUR											
Other bond	XS1874729897	AAB1.34%29AUG33	EUR											
Other bond	XS1874729970	AAB1.42%29AUG35	EUR											
Other bond	XS1824461906	AAB1.485%23MAY2034	EUR											
Other bond	XS1298431799	AAB1.50%30SEP30	EUR											
Other bond	XS1844347176	AAB1.53%2JUL2038	EUR											
Other bond	XS1876164846	AAB1.565%7SEP2043	EUR											
Other bond	XS1844175700	AAB1.597%26MAY2043	EUR											
Other bond	XS1838022322	AAB1.6%15JUN2038	EUR											
Other bond	XS1692167205	AAB1.65%29SEP2037	EUR											
Other bond	XS1646904828	AAB1%30JUN2020	GBP											
Other bond	US00080QAD79	AAB144A 7.75%MAY23	USD											
Other bond	US00084DAM20	AAB144A1.8%20SEP19	USD											



Instrument Type	Exchange Instrument ID	Instrument 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	US00084DAJ90	AAB144A2.45%4JUN20	USD											
Other bond	US00084DAG51	AAB144A2.5%OCT18	USD											
Other bond	XS1266142097	AAB2.29%29JUL30	EUR											
Other bond	XS1743726835	AAB2.65%19JAN2021	USD											
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	XS1743726918	AABFRN19JAN2021	USD											
Other bond	US00084DAR17	AABFRN19JAN2021	USD											
Other bond	XS1645476125	AABFRN19JUL2022	USD											
Other bond	XS1871116338	AABFRN27AUG2021	USD											
Other bond	US00084DAS99	AABFRN27AUG2021	USD											
Other bond	XS1701271709	AABGBP1.375%7JUN22	GBP											
Other bond	XS1374540760	AABN1.19%7MAR36	EUR											
Other bond	XS1218969746	AABN1.425%17APR45	EUR											
Other bond	XS1199453728	AABN1.75%10MAR20	CAD											
Other bond	XS1324462966	AABN1.795%26NOV35	EUR											
Other bond	XS1307243532	AABN1.803%15OCT35	EUR											
Other bond	XS1376388192	AABN1.862%7MAR2031	EUR											
Other bond	XS1325221031	AABN1.875%25NOV27	EUR											
Other bond	XS1381583902	AABN1.919%18MAR31	EUR											
Other bond	XS1265350238	AABN2.126%27JUL27	EUR											
Other bond	XS1333213491	AABN2.25%14DEC30	EUR											
Other bond	XS1328124893	AABN2.375%02DEC36	EUR											
Other bond	XS1330259018	AABN2.375%7DEC21	GBP											
Other bond	XS1295345919	AABN2.5%01OCT35	EUR											
Other bond	XS1346254573	AABN2.875%18JAN23	EUR											
Other bond	XS1309526157	AABN3.10%23OCT25	NOK											
Other bond	XS1344520728	AABNFRNAN2019	EUR											
Other bond	XS1297496876	AABNFRNSEP2019	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	XS0987211181	AABREGS2.5%OCT18	USD											
Other bond	XS1253955469	AABREGS2.875%JUN25	EUR											
Other bond	XS1246723503	AABSGD3.43%19JUN25	SGD											
Other bond	XS0619548216	ABN 6.375%27APR21	EUR	114,7800	114,7800	113,7800	175218,4000	3	114,7700	153000				
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	XS1527536590	ABNAMROFRN30NOV18	GBP											
Other bond	XS1113370123	ABNFRN26SEP2022	EUR											
Other bond	XS0997486211	ABNFRN27NOV18D	AUD											
Other bond	XS1392917784	ABNS4.8%18APR2026	USD											
Other bond	NL0000168714	ACHMEA 6%PERP	EUR	104,1800	104,4800	104,0100	329472,3000	21	104,0300	316000				
Other bond	XS1722558258	ACHMEABO.375%NOV24	EUR											
Other bond	NL0000120889	AEGON 4.26%PL	NLG	88,5900	89,6000	88,5900	90788,2100	8	89,6000	225000				
Other bond	NL0000120004	AEGON FRN PL	NLG											
Other bond	NL0000116150	AEGON 1.769%PL	EUR	77,9000	77,9000	75,5000	35260,4400	13	76,9400	46400				
Other bond	NL0000116168	AEGON USD 1.709%PL	USD											
Other bond	NL0000121416	AEGON1.425%PL	NLG	68,9900	70,9000	67,0500	228748,2200	28	70,9000	730000				
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											



Instrument Type	Exchange Instrument ID	Instrument 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	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											
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	XS0997535520	ALLIANDER3.25%PL	EUR											
Other bond	DE000AOGNP23	ALLIANZF2 5 3/8%PL	EUR											
Other bond	DE000AODX3M2	ALPHA GRP 6%PLD	EUR											
Other bond	XS0201790317	ANGLOIRISH FRNPLD	EUR											
Other bond	XS1079817489	ARE14A1FRN%17APR46	EUR											
Other bond	XS1079818883	ARE14A2FRN%17APR46	EUR											
Other bond	XS1079819691	ARE14A3 1.136APR46	EUR											
Other bond	XS1410513425	ARENO.273%17JUN48	EUR											
Other bond	XS1135365788	AREN14IIA1FRNOCT46	EUR											
Other bond	XS1135365515	AREN14IIA2FRNOCT46	EUR											
Other bond	XS1135366240	AREN14IIA3FRNOCT46	EUR											
Other bond	XS1410512963	ARENAZFRN17JUN2048	EUR											
Other bond	XS0392640990	ARENA7I FRNOCT49	EUR											
Other bond	XS0355225060	ARENA7I FRNOCT49	EUR											
Other bond	XS1410512534	ARENAFRN17JUN2048	EUR											
Other bond	US040111NAP33	ARGENTINAZC28MAY21	EUR											
Other bond	US040111NAQ16	ARGENTINAZC28MAY26	EUR											
Other bond	US040111NAR98	ARGENTINAZC28MAY28	EUR											
Other bond	XS1293505639	ASR 5.125%29SEP45	EUR											
Other bond	NL0009213545	ASR NL 10% PL	EUR	109,7900	109,8000	109,3100	32467,4500	7	109,3100	29600				
Other bond	NL0009213552	ASR NL 7.25% PL	EUR											
Other bond	XS1115800655	ASRNED5%PL	EUR	106,4900	106,5000	106,2300	467899,0000	17	106,2400	440000				
Other bond	XS0203470157	AXA FRNPL	EUR											
Other bond	XS0188935174	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											
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 2C20DEC18	AUD											
Other bond	CA629435AC25	BNG CAD 4.55%19	CAD											
Other bond	CA063806AA12	BNG CAD 2CAPR28	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	102,0300	102,0500	102,0200	188763,7000	15	102,0300	185000				
Other bond	XS0106561094	BNG GBP 5 3/4%19	GBP											
Other bond	XS0092607497	BNG GBP 5 3/8%21	GBP											
Other bond	XS0096806590	BNG GBP 5.200%28	GBP											
Other bond	XS0809685158	BNG GBP1.875%DEC18	GBP											
Other bond	XS0405267062	BNG USD 5.23%38	USD											
Other bond	XS0465793643	BNG USD 2C18NOV39D	USD											
Other bond	XS0823045843	BNG ZAR 2%31AUG27	ZAR											



Instrument Type	Exchange Instrument ID	Instrument 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	XS0845463990	BNG ZAR ZC18OCT22	ZAR											
Other bond	XS0076219491	BNG ZAR ZC29DEC20	ZAR											
Other bond	XS0085675493	BNG ZAR ZC31DEC18	ZAR											
Other bond	XS0085517661	BNG ZAR ZC31DEC25	ZAR											
Other bond	XS0356235076	BNG ZC7APR38	USD											
Other bond	XS1396307693	BNG1.627%25APR2046	EUR											
Other bond	XS1030988585	BNG2.125%13FEB19	SEK											
Other bond	XS0465301017	BNG2USD ZC17NOV39D	USD											
Other bond	XS0465301108	BNG2USD ZC17NOV39D	USD											
Other bond	XS0995109518	BNG4.625%21NOV2019	AUD											
Other bond	XS0465345220	BNG4USD ZC17NOV39D	USD											
Other bond	XS0465344926	BNG5USD ZC17NOV39D	USD											
Other bond	XS0648123866	BNGAUD6.6675%JUL21	AUD											
Other bond	XS1082636959	BNGGBP1.875%7DEC18	GBP											
Other bond	XS0932063984	BNGNOK 2.375%DEC18	NOK											
Other bond	XS0677080599	BNGSEK3.365%SEP31	SEK											
Other bond	XS0307308444	BNKOFAMERIFRN2019D	EUR											
Other bond	XS1858154476	BNPPFRN25MAY2028	EUR											
Other bond	XS1810129277	BNPPFRN25MAY28	EUR											
Other bond	XS0212581564	BQ FEDERA FRNPL	EUR											
Other bond	XS0207764712	BQ FEDERAT FRNPL	EUR											
Other bond	XS1629047017	BUMPER9AFRN22JUL31	EUR											
Other bond	XS1629065936	BUMPER9BFRN22JUL31	EUR											
Other bond	XS0225115566	CAIXA FRNPL	EUR											
Other bond	US136447AW96	CANPAC 4%PL	USD											
Other bond	DE0007490724	CAPRAIS 7.5%13D	EUR											
Other bond	XS0179679328	CHAP03 A FRNNOV64	EUR											
Other bond	XS0179679674	CHAP03 B FRNNOV64	EUR											
Other bond	XS0179679914	CHAP03 C FRNNOV64	EUR											
Other bond	XS0181842146	CHAP03 D FRNNOV64	EUR											
Other bond	XS0287346976	CHAP07A1 FRNJUL66	EUR											
Other bond	XS0291271319	CHAP07A2 FRNJUL66	EUR											
Other bond	XS0287349566	CHAP07B FRNJUL66	EUR											
Other bond	XS0287351463	CHAP07C FRNJUL66	EUR											
Other bond	XS0287352198	CHAP07D FRNJUL66	EUR											
Other bond	XS0287352511	CHAP07E FRNJUL66	EUR											
Other bond	XS0290510626	CHAP07F FRNJUL66	EUR											
Other bond	XS0290516409	CHAP07G FRNJUL66	EUR											
Other bond	XS0445087702	CHEPSTW1FRNNOV43D	GBP											
Other bond	XS0445087884	CHEPSTW2FRNNOV43D	GBP											
Other bond	NL0000113827	COLONNADE 4 3/4%18	EUR											
Other bond	XS0896119384	CORIO 3.25%FEB21	EUR											
Other bond	XS0864386825	CORIO 3.516%DEC22	EUR											
Other bond	XS0531584984	CORIO 5.448%AUG20	EUR											
Other bond	FR0010161026	CREDIT AG FRNPL	EUR											
Other bond	XS0301504659	CSI MAN EUR ZC19	EUR											
Other bond	XS0556969854	CWB AUS FRN8DEC18	EUR											
Other bond	DE000A0E5JD4	DB CAP T1 FRNPL	EUR											
Other bond	XS0230409301	DB FX/FL 5%35	EUR											
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 L9%28AUG42	EUR	126,9000	127,2900	126,5600	145967,0000	7	127,0000	115000				
Other bond	XS1076781589	DELTALOYDFRNPL	EUR	103,0000	103,0000	102,7500	91510,0000	2	102,7500	89000				
Other bond	XS0178243332	DEPFA FD2 6.5%PLD	EUR											
Other bond	XS0833086563	DMBS17 A1 FRNOCT44	EUR											
Other bond	XS0833089153	DMBS17 A2 FRNOCT44	EUR											
Other bond	XS0833091480	DMBS17 B FRNOCT44	EUR											
Other bond	XS0833095986	DMBS17 C FRNOCT44	EUR											
Other bond	XS0833097099	DMBS17 D FRNOCT44	EUR											
Other bond	XS0833097842	DMBS17 E FRNOCT44	EUR											
Other bond	XS0323257344	DOL07 E FRNSEP99	EUR											
Other bond	XS0495571910	DOL10 A3 FRNSEP99	EUR											
Other bond	XS0495572991	DOL10 A4 FRNSEP99	EUR											
Other bond	XS1688694287	Dolp B FRN 28SEP99	EUR											
Other bond	XS1688694790	Dolp C FRN 28SEP99	EUR											
Other bond	XS1688694527	Dolp D FRN 28SEP99	EUR											
Other bond	XS1688694360	Dolp E FRN 28SEP99	EUR											



Instrument Type	Exchange Instrument ID	Instrument 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	XS1117961653	DOLP FRN%28SEP99	EUR											
Other bond	XS1334170872	DOLPH FRN28SEP99	EUR											
Other bond	XS1385037129	DOLPH161A1FRNSEP99	EUR											
Other bond	XS1385038283	DOLPH161A2FRNSEP99	EUR											
Other bond	XS1385038796	DOLPH161A3FRNSEP99	EUR											
Other bond	XS1385037988	DOLPH161A4FRNSEP99	EUR											
Other bond	XS1046223134	DOLPHA FRN%28SEP99	EUR											
Other bond	XS1048897513	DOLPHE FRN%28SEP99	EUR											
Other bond	XS1199502797	DOLPHINM15A2SEP99	EUR											
Other bond	XS1199502870	DOLPHINM15A3SEP99	EUR											
Other bond	XS1199502953	DOLPHINM15A4SEP99	EUR											
Other bond	XS0972913908	DOLPHMASA2FRNSEP99	EUR											
Other bond	DE000A0DEN75	DPOSTB FT FRNPL	EUR											
Other bond	DE000A0DHUM0	DPOSTB FT2 FRNPL	EUR											
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	EDML18FFRN28JAN57	EUR											
Other bond	XS1744734556	EDML18GFRN28JAN57	EUR											
Other bond	XS1744734630	EDML18HFRN28JAN57	EUR											
Other bond	XS1744738383	EDML18RSZC28JAN57	EUR											
Other bond	XS1626192766	EDMLAFRNOCT55	EUR											
Other bond	XS1626192840	EDMLBFRNOCT55	EUR											
Other bond	XS1626193145	EDMLCFRNOCT55	EUR											
Other bond	XS1626193228	EDMLDFRNOCT55	EUR											
Other bond	XS1626193491	EDMLEFRNOCT55	EUR											
Other bond	XS1626193574	EDMLFFRNOCT55	EUR											
Other bond	XS1626193657	EDMLRSZCOCT55	EUR											
Other bond	XS0234821345	EFHELLAS FL 6%PLD	EUR											
Other bond	XS0224480722	EIB FRN17AUG30D	EUR											
Other bond	XS0229097547	EIB FX/FL FRNOCT25	EUR	102,9100	102,9100	102,9100	30873,0000	2	102,9100	30000				
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	ESSENCEV10.5%MAY65	EUR											
Other bond	XS1600520743	ESSENCEV10.3%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											



Instrument Type	Exchange Instrument ID	Instrument 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	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	XS0480096469	GFM10 B FRNNOV99	EUR											
Other bond	XS0480096626	GFM10 C FRNNOV99	EUR											
Other bond	XS0935140920	GFM13IIA4 FRNMAI99	EUR											
Other bond	XS0935141654	GFM13IIA5 FRNMAI99	EUR											
Other bond	XS0935142389	GFM13IIA6 FRNMAI99	EUR											
Other bond	XS0935143601	GFM13IIA7 FRNMAI99	EUR											
Other bond	XS0935144914	GFM13IIB FRNMAI99	EUR											
Other bond	XS0935145721	GFM13IIC FRNMAI99	EUR											
Other bond	XS0203171755	GREECE 2.327%PL	EUR											
Other bond	XS0203173298	GREECEUSD2.1985%PL	USD											
Other bond	XS1609025744	GRESTORM17FRNAPR64	EUR											
Other bond	NL0009704154	GRL1 A3 FRNNOV42	EUR											
Other bond	NL0009704162	GRL1 A4 FRNNOV42	EUR											
Other bond	NL0009704170	GRL1 B FRNNOV42	EUR											
Other bond	NL0009704188	GRL1 C FRNNOV42	EUR											
Other bond	NL0009704196	GRL1 D FRNNOV42	EUR											
Other bond	XS1815379067	GRSTOR18FRN22MAY65	EUR											
Other bond	XS1309695341	GRSTORM16AFRNOCT52	EUR											
Other bond	XS1309697982	GRSTORM16BFRNOCT52	EUR											
Other bond	XS1309698014	GRSTORM16CFRNOCT52	EUR											
Other bond	XS1309698360	GRSTORM16DFRNOCT52	EUR											
Other bond	XS1309698790	GRSTORM16EFRNOCT52	EUR											
Other bond	DE000A0E4657	HELABA 5 1/2%PL	EUR											
Other bond	DE000A0G18M4	HELABAMC2 5.75%PL	EUR											
Other bond	XS0367262705	HERM A XV FRNAPR45	EUR											
Other bond	XS0367268736	HERMD XV 2.277%45	EUR											
Other bond	XS0271029562	HERMESXIE1.363%38	EUR											
Other bond	XS0311660392	HHOMOR2 2A FRN39	EUR											
Other bond	XS0311660806	HHOMOR2 B FRN39	EUR											
Other bond	XS1240962511	HIGHWAY15AFRNMAY25	EUR											
Other bond	XS0221141400	HSHPHSPHERE 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	HYPENNA6FRNSEP2097	EUR											
Other bond	NL0010739389	HYPENIA3 1.64%FB46	EUR											
Other bond	NL0000122489	ING 5 1/4%19	EUR											
Other bond	XS1080078428	ING 1.25%13DEC19	EUR											
Other bond	XS1730885073	ING 1.375%11JAN28	EUR											
Other bond	XS0935034651	ING 1.875% 22MAY23	EUR											
Other bond	XS0873155252	ING 2.03%11JAN23	EUR											
Other bond	XS0893311299	ING 2.35%21OCT24	EUR											
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											



Instrument Type	Exchange Instrument ID	Instrument 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	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	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	XS0430609296	INGBANK 4.75% 19	EUR											
Other bond	XS1169586606	INGBANK0.7%16APR20	EUR											
Other bond	XS1368576572	INGBANK0.75%FEB21	EUR											
Other bond	XS1805257265	INGBK0.875%11APR28	EUR											
Other bond	XS1865698499	INGBK1.296%15AUG33	EUR											
Other bond	XS1884009140	INGBK1.388%25SEP34	EUR											
Other bond	XS1853269428	INGBK1.445%6JUL38	EUR											
Other bond	XS1865698572	INGBK1.49%15AUG38	EUR											
Other bond	XS1324217733	INGBNK0.75%24NOV20	EUR											
Other bond	XS1771838494	INGGR1.125%14FEB25	EUR											
Other bond	XS1689540935	INGGR1.625%26SEP29	EUR											
Other bond	XS1796079488	INGGR2%22MAR2030	EUR											
Other bond	XS1796077946	INGGR4.7%22MAR2028	USD											
Other bond	XS1590823859	INGGROE3%11APR2028	EUR											
Other bond	NL0000116127	INGGROEP FRNPL	EUR											
Other bond	NL0000113587	INGGROEP FRNPL	EUR	85,0000	85,0000	83,5000	88459,0000	9	83,5000	105300				
Other bond	XS1576220484	INGGROEP0.75%MAR22	EUR											
Other bond	XS1882544627	INGGROEP1%20SEP23	EUR											
Other bond	XS1882544973	INGGROEP2%20SEP28	EUR											
Other bond	XS1683357252	INGGROEP4%14SEP32	USD											
Other bond	XS1882544205	INGGROEPFRN20SEP23	EUR											
Other bond	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	USN42978BC74	KPNUSD05 FRNMAR73	USD											
Other bond	NL0009706399	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	LEASEPLANO.82%APR19	EUR											
Other bond	XS1068010377	LEASEPLAN1.66%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											



Instrument Type	Exchange Instrument ID	Instrument 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	XS1551596775	LOWLAND4FRNFEB2054	EUR											
Other bond	XS1815297095	LOWLAND51%18MAY55	EUR											
Other bond	XS1815296014	LOWLAND5FRN18MAY55	EUR											
Other bond	XS0988486493	LOWLANDA23.5%SEP45	EUR											
Other bond	XS1551596858	LOWLANDIV1%FEB2056	EUR											
Other bond	XS1895558143	LOWLAVIA21%18OCT55	EUR											
Other bond	XS1895557848	LOWLVIA1FRN18OCT55	EUR											
Other bond	XS1301052202	LUCHTHAVENS2%OCT26	EUR											
Other bond	NL0000117430	MAN AHL FRNNOV20D	EUR											
Other bond	XS0211328538	MBIA GF FRN15FEB3	EUR											
Other bond	XS1114467415	MGNSTANLEYFRNDEC18	USD											
Other bond	XS0271447210	MONAS06B FRNNOV44	EUR											
Other bond	XS0271448457	MONAS06C FRNNOV44	EUR											
Other bond	XS0271450784	MONAS06D FRNNOV44	EUR											
Other bond	XS0201262309	MONAST A2 1.003%37	EUR											
Other bond	XS0201263372	MONAST C 1.463%37	EUR											
Other bond	XS0201263612	MONAST D 2.413%37	EUR											
Other bond	XS0201264008	MONAST E 3.413%37	EUR											
Other bond	XS0201264180	MONAST F 4.413%37	EUR											
Other bond	XS0202244017	MONAST G 4.413%37	EUR											
Other bond	XS0271446592	MONAST06A2 FRN44	EUR											
Other bond	XS0201262721	MONASTI B 1.283%37	EUR											
Other bond	XS0257884436	NEDGAS 4 1/2%21	EUR											
Other bond	XS0804217536	NEDGAS 2.625%JUL22	EUR											
Other bond	XS0690606172	NEDGAS 3.625%OCT21	EUR											
Other bond	XS1520713022	NEDGAS0%18NOV19	EUR											
Other bond	XS1409382030	NEDGASUNIE1%MAY26	EUR											
Other bond	XS0195051114	NEDWBK 5.15%24	EUR											
Other bond	XS0193072559	NEDWBK 1.152%19	EUR											
Other bond	XS0212342066	NEDWBK 3 7/8%20	EUR											
Other bond	XS0130092793	NEDWBK 5 3/8%32	GBP											
Other bond	CA639832AA25	NEDWBK CAD 5.2%25	CAD											
Other bond	XS0611951814	NEDWBK FRN27APR21	EUR	102,1300	102,1300	102,1200	100085,6000	9	102,1200	98000				
Other bond	XS0212064231	NEDWBK FRN30OCT34	EUR											
Other bond	XS0217042885	NEDWBK FRN30OCT34	EUR											
Other bond	XS0207612614	NEDWBK USD 2CDEC34	USD											
Other bond	XS0149727496	NEDWBK USD 2CJUL22	USD											
Other bond	XS0149727736	NEDWBK USD 2CJUL22	USD											
Other bond	XS0171957433	NEDWBK USD 2CJUL33	USD											
Other bond	XS0176581311	NEDWBK USD 2CSEP23	USD											
Other bond	XS0286430128	NEDWBK7 3.875%20	EUR											
Other bond	XS1622394143	NFMO 0.125%1JUN23	EUR											
Other bond	XS1597290524	NFMO 0.75%29NOV23	SEK											
Other bond	XS0993154748	NFMO 1.25%13NOV18	EUR											
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											
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	NIBCL.25%08APR2019	EUR											
Other bond	XS1183596151	NIBC4%24MAR25	EUR											
Other bond	XS1891426766	NIBC82.105%10OCT33	EUR											
Other bond	XS1877512258	NIBCBAN1%11SEP2060	EUR											
Other bond	XS1753809141	NIBCBAN1%24JAN2060	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	102,5000	102,5000	102,0400	345208,2000	13	102,4000	337000				



Instrument Type	Exchange Instrument ID	Instrument 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	XS1054522922	NNGROUP4.625%APR44	EUR											
Other bond	XS1623355457	NNGRP1.625%1JUN27	EUR											
Other bond	XS0200688256	NORDEA BK FRNPL	EUR											
Other bond	XS0232189331	NORDIC IB FRNOCT25	EUR											
Other bond	XS0592584519	NWB FRN25FEB26D	EUR											
Other bond	XS1090889350	OCH A1 FRN27NOV75	EUR											
Other bond	XS1210016165	OCH A2 FRN27NOV75	EUR											
Other bond	XS1090889517	OCH B FRN27NOV75	EUR											
Other bond	XS1090889608	OCH C FRN27NOV75	EUR											
Other bond	XS0215556142	OLDMUTUAL 6.376%PL	GBP											
Other bond	NL0011866207	OLXIIIFRN20JUN2052	EUR											
Other bond	NL0011866231	OLXIVFRN20JUN2052	EUR											
Other bond	NL0011866264	OLXVFRN20JUN2052	EUR											
Other bond	NL0012707327	OLXVIA1FRN20FEB57	EUR											
Other bond	NL0012707335	OLXVIA2FRN20FEB57	EUR											
Other bond	NL0000133924	OOSTNRIJK 6 1/4%24	NLG											
Other bond	AT0000383864	OOSTNRIJK 6 1/4%27	EUR											
Other bond	XS0212688013	OOSTRIJK FRN4MCH20	EUR											
Other bond	XS0217517829	OOSTRIJK FRNAPR20	EUR											
Other bond	NL0011275425	ORALION11AFRNAPR47	EUR											
Other bond	NL0011333729	ORALION12AFRNJUL47	EUR											
Other bond	NL0010365896	ORAN 8A FRN%NOV44	EUR											
Other bond	NL0010525457	ORAN10A FRNJUN2045	EUR											
Other bond	NL0010525465	ORAN10B FRNJUN2045	EUR											
Other bond	NL0010525473	ORAN10C FRNJUN2045	EUR											
Other bond	NL0010525481	ORAN10D FRNJUN2045	EUR											
Other bond	NL0010525499	ORAN10E FRNJUN2045	EUR											
Other bond	NL0010525507	ORAN10F FRNJUN2045	EUR											
Other bond	NL0010395133	ORAN9A FRNMCH51	EUR											
Other bond	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	RABOBNED 5.875%19	EUR											
Other bond	XS0368541032	RABOBNED 6.567% PL	GBP											
Other bond	XS1002121454	RABOCERTIFFRNPL	EUR	113,5000	113,6300	113,2000	6675327,5800	412	113,6300	5885475				
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	XS0545059148	RB 2.09%17NOV2020	EUR	101,5100	101,5100	101,5100	4060,4000	1	101,5100	4000				
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											



Instrument Type	Exchange Instrument ID	Instrument 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	XS0439192617	RB CALL ZC16JUL139	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 FRN09JUL200	EUR											
Other bond	XS0629170837	RB FRN22JUN21	EUR											
Other bond	XS0607109377	RB FRN27APR21	EUR	107,3100	107,3300	107,3100	66535,2000	2	107,3300	62000				
Other bond	XS0608323407	RB FRN28MCH21	EUR											
Other bond	XS0607452264	RB FRN28MCH24	EUR											
Other bond	XS0598793833	RB FX/FRN4.5%MCH24	EUR											
Other bond	XS0211503478	RB FX/IL FRNFEB20	EUR											
Other bond	XS0211284491	RB FX/IL FRNFEB35	EUR											
Other bond	XS1205680785	RB GBP2.25%23MCH22	GBP											
Other bond	XS0827563452	RB GBPS.25%14SEP27	GBP											
Other bond	DE000A06C37	RB SCOTL 5.25%PL	EUR											
Other bond	XS0205935470	RB SCOTL 5.5%PL	EUR	100,5200	100,5200	100,5200	28145,6000	2	100,5200	28000				
Other bond	XS0485185754	RB TRY10.20%FEB19	TRY											
Other bond	XS0431744282	RB USD 11%PL	USD											
Other bond	US749770AQ67	RB USD RS11%PERP	USD											
Other bond	XS0437551376	RB USD ZC09JUL39D	USD											
Other bond	XS0436042872	RB USDCALZC03JUL39	USD											
Other bond	XS0077909371	RB ZAR ZC23JUL27	ZAR											
Other bond	XS0086016150	RB ZAR ZC30DEC20	ZAR											
Other bond	DE0001346955	RB ZC28OCT26	DEM											
Other bond	XS0458103560	RB ZC29OCT49	EUR											
Other bond	XS0933540527	RB2.375%22MAY23	EUR											
Other bond	XS0431304715	RB CALL ZC%04JUN39D	USD											
Other bond	NL0000122505	RBS 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	XS1033756906	SAECUR14A1FRNJAN92	EUR											
Other bond	XS1033757201	SAECUR14A2FRNJAN92	EUR											
Other bond	XS1028941620	SAECUR15A1FRNJAN92	EUR											
Other bond	XS1028942511	SAECUR15A2FRNJAN92	EUR											
Other bond	XS0202774245	SANTANDER 5 3/4%PL	EUR											
Other bond	XS0202197694	SANTANDER FRNPL	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	115,2300	115,2400	115,0200	160157,6000	5	115,0200	139000				
Other bond	XS1878266326	STEDI1.375%19SEP28	EUR											
Other bond	XS1705553417	STEDIN FRN24OCT22	EUR											
Other bond	XS1705553250	STEDIN.875%24OCT25	EUR											
Other bond	XS0158000629	STICHU02A 0.937%39	EUR											
Other bond	XS1112010217	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	STORM15IICFRNJUN54	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											



Instrument Type	Exchange Instrument ID	Instrument 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	XS1477681503	STORM16IICFRNAUG63	EUR											
Other bond	XS1477682147	STORM16IIDFRNAUG63	EUR											
Other bond	XS1477682493	STORM16IIEFRNAUG63	EUR											
Other bond	XS1628023134	STORM17FRN22MAY64	EUR											
Other bond	XS1729913514	STORM18FRN22JAN65	EUR											
Other bond	XS0514796704	STRM10II E FRN52	EUR											
Other bond	XS0537424326	STRM10III E FRN52	EUR											
Other bond	XS0563148906	STRM10IV E FRN52	EUR											
Other bond	XS0608462866	STRM11III E FRN53	EUR											
Other bond	XS0930213987	STRM13IIIAFRNAUG53	EUR											
Other bond	XS0930215099	STRM13IIIBFRNAUG53	EUR											
Other bond	XS0930215842	STRM13IIICFRNAUG53	EUR											
Other bond	XS0930216576	STRM13IIIDFRNAUG53	EUR											
Other bond	XS1071275181	STRM14IIA2FRNMAR51	EUR											
Other bond	XS1071275850	STRM14IIBFRNMAR51	EUR											
Other bond	XS1071276403	STRM14IICFRNMAR51	EUR											
Other bond	XS1071277120	STRM14IIDFRNMAR51	EUR											
Other bond	XS1112010308	STRM14IIIBFRNFEB53	EUR											
Other bond	XS1112010480	STRM14IIICFRNFEB53	EUR											
Other bond	XS1112011967	STRM14IIIDFRNFEB53	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	NL0009706597	VLANSCHBFRN04APR24	EUR											
Other bond	XS0544664989	VOLKS 3.50%28SEP20	EUR											
Other bond	XS0209792166	VOLKS FRNJAN35	EUR											
Other bond	XS1614202049	VOLKS0.75%18MAY27	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	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	0,0330	0,0330	0,0330	4,7200	1	0,0330	143				
Share	NL0000852564	AALBERTSIndustr	EUR	30,3100	31,4400	30,2900	15743604,8100	3910	31,4300	505093				
Share	NL0011540547	ABN AMRO Group	EUR	21,1000	21,2900	21,0600	72792255,2700	11230	21,2900	3434177				
Share	NL0009757532	ACCELL GROUP	EUR	15,5000	15,7000	15,3200	452531,0200	230	15,5000	29219				
Share	GB008QQFX454	ACCSYS	EUR	1,0800	1,0850	1,0400	62855,4500	38	1,0850	58794				
Share	NL0012969182	ADYEN	EUR	540,0000	554,1000	526,8000	35214071,9000	5643	554,1000	64673				
Share	NL0000303709	AEGON	EUR	5,1660	5,2800	5,1220	56288245,5800	7725	5,2800	10730398				
Share	NL0011794037	AHOLD DEL	EUR	20,4100	20,5150	20,2050	107154996,3300	10946	20,5150	5246059				
Share	NL0000018034	AJAX	EUR	12,9500	13,0000	12,7500	5764,1500	20	13,0000	445				
Share	NL0000009132	AKZO NOBEL	EUR	71,2200	73,4400	71,2000	77294841,6400	7873	73,4400	1060063				
Share	NL0012817175	ALFEN	EUR	13,8500	13,9280	13,6040	137935,3500	106	13,8400	10006				
Share	NL0011333760	ALTICE EUROPE B	EUR	2,0880	2,1520	2,0440	179316,3000	173	2,0620	86175				
Share	NL0011333752	ALTICE EUROPE N.V.	EUR	2,0800	2,1530	2,0350	15861184,9100	4990	2,0500	7604549				
Share	NL0012194724	ALUMEXX N.V.	EUR	0,6300	0,7600	0,6300	952,5600	10	0,7580	1426				
Share	NL0000888691	AMG	EUR	37,2000	38,8600	36,1400	18565405,0600	4462	38,2800	491360				
Share	NL0000313286	AMSTERDAM COMMOD.	EUR	17,4600	17,9200	17,3600	156321,6800	69	17,6800	8858				
Share	NL0000430106	AND INTERNATIONAL	EUR	2,5600	2,6800	2,5600	2330,8000	4	2,6800	910				
Share	GB00815VOC52	AP ALTERNAT ASSETS	USD											
Share	LU0569974404	APERAM	EUR	31,9000	32,7000	31,2000	16262850,9900	3976	32,0300	505787				
Share	NL0006237562	ARCADIS	EUR	11,8200	12,0000	11,2100	8042442,0800	2529	11,2100	697791				
Share	LU1598757687	ARCELORMITTAL SA	EUR	21,2300	22,3450	20,8150	195786005,8300	27566	22,0550	8932284				
Share	NL0000334118	ASM INTERNATIONAL	EUR	34,5400	36,5000	34,1500	12555996,5300	3479	36,2700	350896				
Share	NL0010273215	ASML HOLDING	EUR	139,1000	148,0000	138,2600	314553725,0400	32835	147,5200	2162234				
Share	NL0011872643	ASR NEDERLAND	EUR	38,9800	39,6600	38,5600	25971007,5600	4843	38,6600	666177				
Share	JE00B3DCF752	ATRIUM EUR REALEST	EUR	3,7000	3,7200	3,6900	20201,1400	16	3,6900	5459				
Share	NL0012047823	AVANTUM	EUR	3,6550	3,6950	3,5500	42638,2400	50	3,5500	11771				
Share	LU1789205884	B&S Group	EUR	15,8000	16,0000	15,3000	387642,5500	172	15,5000	24903				
Share	NL0000337319	BAM GROEP KON	EUR	2,8690	2,9190	2,8140	4636318,9400	1450	2,9050	1617760				
Share	NL0011872650	BASIC-FIT	EUR	25,4500	25,6500	24,8500	1423180,5500	453	25,5500	56475				
Share	NL0006292906	BATENBURG TECHNIK	EUR	43,0000	43,0000	41,6000	3579,0000	2	41,6000	86				
Share	NL0012866412	BE Semiconductor	EUR	14,9700	17,1300	14,4200	41559105,3100	7949	17,1300	2588182				
Share	NL0000339703	BETER BED	EUR	3,6200	4,2000	3,5000	1027376,5700	597	4,0000	264285				
Share	NL0000285278	BEVER HOLDING	EUR											
Share	NL0000335578	BINCKBANK	EUR	4,1450	4,2800	4,1200	932091,2300	487	4,2600	220992				
Share	NL0000852580	BOSKALIS WESTMIN	EUR	23,7500	24,7000	23,5900	8436412,3400	2084	24,6900	344310				
Share	GG00B1XFMJ13	BOUSSARD GAVAUD C	EUR											
Share	GG00B1FQG453	BOUSSARD GAVAUDAN	EUR	17,4000	17,6000	17,2000	70138,4000	13	17,3000	4032				
Share	GG00B39VMM07	BOUSSARD GHL GBP	GBP											
Share	NL0000442523	BRILL KON	EUR	23,0000	23,0000	22,0000	8822,4000	9	22,8000	396				
Share	CA1125851040	BROOKFIELD ASSET M	EUR											
Share	NL0010776944	BRUNEL INTERNAT	EUR	10,7500	11,0300	10,6400	1511654,9600	611	10,9500	138391				
Share	GB00BDCPN049	COCA-COLA EUROPEAN	EUR	38,6800	39,1800	37,7600	2191395,9200	373	38,4000	56920				
Share	NL0010583399	CORBION	EUR	26,1400	26,6200	25,9000	1409083,5600	540	26,5600	53478				
Share	NL0000200384	CORE LABORATORIES	EUR	82,0000	82,0000	77,5000	17901,5000	9	77,5000	224				
Share	NL0000345577	CTAC	EUR	3,0000	3,0000	2,8500	8019,0000	6	2,9900	2801				
Share	NL0011509294	CURETIS	EUR	2,6500	2,6500	2,4000	108271,5300	112	2,4500	43091				
Share	NL0009169515	DGB GROUP N.V.	EUR	0,8120	0,8240	0,7900	2877,8800	7	0,8240	3581				
Share	NL0009197771	DPA GROUP	EUR	1,5600	1,5600	1,5000	9595,2600	8	1,5400	6198				
Share	NL0000009827	DSM KON	EUR	73,6600	76,3000	73,4000	96375052,8200	13236	76,3000	1275622				
Share	NL0012747059	DUTCH STAR C SHAR	EUR											
Share	NL0000345627	EASE2PAY NV	EUR	1,7300	1,7500	1,7300	36406,3000	14	1,7500	20840				
Share	NL0009901610	ENVIPOCO	EUR	11,0000	11,0000	11,0000	1254,0000	2	11,0000	114				
Share	NL0009272137	ESPERITE	EUR	0,1720	0,1820	0,1650	49334,0100	59	0,1730	289545				
Share	GB00B94QM994	EUROCASTLE INVEST.	EUR	5,9800	6,0600	5,9400	69927,4000	45	5,9600	11709				
Share	NL0000288876	EUROCOMMERCIAL	EUR	31,4200	31,8200	30,9400	2413255,2200	642	31,6200	76325				
Share	NL0011279492	FLOW TRADERS	EUR	29,9000	30,0800	28,1200	9336253,1600	2144	28,2600	324424				
Share	NL0011832811	FORFARMERS	EUR	9,4400	9,9300	9,4400	789405,5600	516	9,8500	80460				
Share	NL0000352565	FUGRO	EUR	10,3600	10,7300	10,0550	10903988,7800	2636	10,6800	1044817				
Share	BE0003818359	GALAPAGOS	EUR	88,4200	89,7600	84,4200	50941367,4400	10398	86,0400	586450				
Share	NL0000400653	GEMALTO	EUR	50,2000	50,3600	50,2000	19123755,3400	2495	50,2400	380379				
Share	NL0010937066	GRANDVISION	EUR	20,3000	20,8800	20,1200	2935396,7800	723	20,7000	141842				
Share	BMG455841020	HAL TRUST	EUR	138,0000	139,4000	137,2000	2114659,6000	341	138,4000	15292				
Share	CWN814651014	HeadFirst Source G	EUR	3,0600	3,0600	3,0600	3,0600	1	3,0600	1				
Share	NL0009269109	HEIJMANS	EUR	8,6200	8,8600	8,5600	801691,4000	380	8,7300	91971				
Share	NL0000009165	HEINEKEN	EUR	77,6600	79,1600	77,4200	81939253,4600	8466	77,9600	1047869				
Share	NL0000008977	HEINEKEN HOLDING	EUR	74,9000	76,6000	74,8500	10321233,4500	969	75,8000	135977				
Share	NL0000440311	HOLLAND COLOURS	EUR	78,4000	78,8000	78,0000	10487,2000	8	78,0000	134				
Share	ANN4327C1220	HUNTER DOUGLAS	EUR	57,2000	59,8000	57,0000	303011,4000	104	59,8000	5233				



Instrument Type	Exchange Instrument ID	Instrument 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	ANN4327C1303	HUNTER DOUGLAS	EUR											
Share	NL0009391242	HYDRATEC	EUR	66,5000	66,5000	66,5000	9775,5000	5	66,5000	147				
Share	NL0000359537	ICT GROUP	EUR	11,2000	11,6000	10,8000	89940,7000	59	11,2500	8049				
Share	NL0010556726	IEX GROUP NV	EUR											
Share	NL0010801007	IMCD	EUR	57,9500	58,3500	57,2500	5557286,6000	1135	58,1000	96053				
Share	NL0011821202	ING GROEP N.V.	EUR	10,2040	10,5300	10,1960	232704359,1900	24285	10,3600	22429421				
Share	NL0010937058	INTERTRUST	EUR	13,6600	13,8800	13,5600	1088974,1000	569	13,8100	79201				
Share	NL0000113652	KARDAN	EUR	0,0950	0,0980	0,0921	17759,0500	25	0,0970	184926				
Share	NL0000362648	KAS BANK	EUR	6,1700	6,3900	6,1700	103282,7800	87	6,3000	16505				
Share	NL0000852531	KENDRION	EUR	23,4000	25,0000	23,0500	246675,4000	171	24,7000	10193				
Share	NL0011323407	KIADIS	EUR	8,9200	9,0000	8,6300	2779208,3000	883	8,8600	315211				
Share	NL0000009082	KPN KON	EUR	2,3710	2,3980	2,3300	40106474,5300	5559	2,3590	16999912				
Share	NL0010545679	LAVIDE HOLDING	EUR	0,3800	0,3800	0,3300	6205,1400	12	0,3300	17243				
Share	NL0010998878	LUCASBOLS	EUR	15,2000	15,3500	15,1000	49212,8500	20	15,1500	3244				
Share	NL0009312842	MKB Nedsense	EUR	0,1610	0,1780	0,1600	8228,1000	9	0,1600	51363				
Share	GG00B12BD492	NB PRIV EQ PARTN	USD											
Share	NL0000371243	NEDAP	EUR	42,6000	43,9000	42,5000	65300,1000	50	43,3000	1502				
Share	IM00BDD07WV31	NEPI ROCKCASTLE	EUR	7,4500	7,4500	7,4000	10544,1000	4	7,4000	1423				
Share	NL0009822014	NEW SOURCES ENERGY	EUR	0,1300	0,1300	0,1300	91,0000	3	0,1300	700				
Share	NL000040618	NEWAYS ELECTRONICS	EUR	11,0000	11,0000	10,6000	130285,7000	80	10,9000	12014				
Share	NL0012756316	NIBC HOLDING	EUR	7,8900	7,9600	7,8540	794821,7000	308	7,9500	100543				
Share	NL0010773842	NN GROUP	EUR	37,0000	37,5100	36,7700	55786244,4500	8243	37,3100	1499407				
Share	NL0010696704	NOVISOURCE	EUR	0,9950	0,9950	0,9800	3438,8400	3	0,9800	3509				
Share	NL001235084	NSI N.V.	EUR	34,5000	34,5500	34,1500	672807,3500	242	34,3000	19592				
Share	NL0010558797	OCI	EUR	23,9400	24,4800	23,8200	8754657,0400	2575	24,0400	363275				
Share	NL0000370419	ORANJEWOU D A	EUR	5,9000	5,9000	5,9000	112,1000	2	5,9000	19				
Share	NL0000440584	ORDINA	EUR	1,5640	1,5760	1,5220	304890,2900	207	1,5420	196797				
Share	GG00BPFJTF46	PERSHING	USD	14,1600	14,2000	13,4400	836391,2500	95	14,2000	68740				
Share	NL0010391025	PHARMING GROUP	EUR	0,9800	0,9900	0,9065	25822358,8900	5014	0,9450	27274971				
Share	NL0000009538	PHILIPS KON	EUR	31,1450	32,0400	30,8300	124236607,1700	17266	31,9200	3923015				
Share	NL0000378669	PORCELYNE FLES	EUR											
Share	NL0009739416	POSTNL	EUR	2,4400	2,4950	2,4280	8338470,5100	2360	2,4720	3383042				
Share	BMG7209L1000	PPLA CLASS A	EUR											
Share	BMG7209L1182	PPLA CLASS B	EUR											
Share	US69355L1098	PPLA European Unit	EUR											
Share	DE0007921835	PROBIODRUG	EUR	2,8300	3,0000	2,7100	103130,9200	65	2,9700	36411				
Share	NL0000379121	RANDSTAD NV	EUR	41,0000	42,6900	40,8400	33575929,1400	6272	42,6100	794339				
Share	LU0383812293	REINET INVESTMENTS	EUR	14,4000	15,0000	14,4000	15140,0000	8	14,9000	1032				
Share	GB00B280DG97	RELX	EUR	17,1600	17,4950	17,1100	42035056,9100	5736	17,4450	2416666				
Share	NL0000440477	ROODMICROTEC	EUR	0,2570	0,2630	0,2500	55947,3300	46	0,2630	219831				
Share	GB00B03MLX29	ROYAL DUTCH SHELLA	EUR	26,9950	27,4550	26,8850	278057487,2500	23237	27,2600	10222618				
Share	GB00B03MM408	ROYAL DUTCH SHELLB	EUR	28,9750	28,9750	27,9450	36892,5400	22	28,2650	1312				
Share	NL0000360618	S&M OFFSHORE	EUR	14,5500	14,8500	14,4000	12542589,3000	3104	14,6350	857774				
Share	NL0011660485	SIF HOLDING	EUR	14,0000	14,7000	13,8000	282537,4000	281	14,7000	19816				
Share	NL0011821392	SIGNIFY NV	EUR	20,5000	21,2200	20,2400	13091300,6900	3133	21,1400	624034				
Share	NL0000817179	SLIGRO FOOD GROUP	EUR	37,9500	37,9500	37,5500	994763,3000	387	37,8500	26321				
Share	NL0010627865	SNOWWORLD	EUR	9,0000	9,0000	9,0000	1350,0000	1	9,0000	150				
Share	NL0000336303	STERN GROEP	EUR	14,5500	14,9000	14,5500	30776,2500	19	14,7500	2095				
Share	NL0012015705	TAKEAWAY	EUR	53,4000	54,8000	52,9000	1440443,5000	469	53,6000	26728				
Share	GG00B1RMC548	TETRAGON FIN GRP	USD	12,2500	12,3500	12,2500	73949,9800	12	12,3000	6840				
Share	VGG885761061	THUNDERBIRD	USD											
Share	NL0010389508	TIE KINETIX	EUR											
Share	NL0000852523	TKH GROUP	EUR	42,5000	43,1600	41,9400	3311486,7000	786	42,9800	77438				
Share	NL0000387058	TOMTOM	EUR	6,3620	6,4200	6,1300	10379273,7800	3063	6,3000	1658729				
Share	FR0013326246	UNIBAIL-RODAMCO-WE	EUR	159,8000	160,8600	158,6800	56332377,3600	6918	160,4600	351770				
Share	NL0000009355	UNILEVER DR	EUR	48,3100	48,5050	47,9350	237084427,6500	18306	48,4550	4906756				
Share	NL0000388619	UNILEVER OS	EUR	47,9000	48,5000	47,9000	190010,5000	26	48,5000	3943				
Share	NL0000302636	V LANSCHOT KEMPEN	EUR	21,7500	22,5500	21,7500	536440,0000	126	21,9000	24204				
Share	NL0010661864	VALUE8	EUR	5,4000	5,4000	5,3000	72293,3200	17	5,3000	13515				
Share	NL0009875483	VALUE8 CUM PREF	EUR											
Share	NL0000288918	VASTNED	EUR	32,8000	33,6000	32,8000	693170,9000	389	33,5000	20855				
Share	BMG9349W1038	VEON	EUR	2,6400	2,6400	2,5600	42094,2800	26	2,6000	16271				
Share	NL0012294466	VOLKERWESSELS	EUR	16,1800	16,1800	15,4600	701722,3400	456	15,7600	44536				
Share	GG00B1GHHH78	VOLTA FINANCE	EUR	6,8000	6,8600	6,8000	3498,0000	2	6,8600	510				
Share	NL0009432491	VOPAK	EUR	40,0000	40,2300	39,6100	19816153,5100	4566	39,7200	497170				
Share	NL0000289213	WERELDHAVE	EUR	29,3200	29,8100	29,3000	4065917,2400	941	29,7300	137352				
Share	NL0000395317	WESSANEN	EUR	9,0000	9,1550	8,9100	1421569,3500	797	9,0000	157922				
Share	NL0000395903	WOLTERS KLUWER	EUR	51,6000	52,2600	51,2000	46809350,6600	5489	52,1400	901724				
Share	JE00B1FBT077	YATRA	EUR											
Tracker	LU1437018838	AMUNDI EPRA DR U	USD	60,0850	60,3560	60,0850	218682,8500	3	60,3560	4153				
Tracker	LU1681049018	AMUNDI ETF SP500	EUR	41,7617	42,4004	41,7617	68751,7000	2	42,4004	1634				
Tracker	LU1437024729	AMUNDI GAGU 500 DR	USD	53,7250	53,7250	53,5950			53,5950					



Instrument Type	Exchange Instrument ID	Instrument 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	LU1589350310	AMUNDI GLBAL INFRA	USD	57,0210	57,0450	57,0210			57,0450					
Tracker	LU1437016204	AMUNDI JPMGBI DR U	USD	54,0890	54,0890	53,9610			53,9610					
Tracker	LU1437017350	AMUNDI MSCI EM DR	USD	54,3110	55,1860	54,3110			55,1860					
Tracker	LU1437015735	AMUNDI MSCI EUR DR	USD	62,3590	62,9721	62,3590			62,9721					
Tracker	LU1681042609	AMUNDI MSCI EUROPE	USD	229,6160	231,8998	229,6160			231,8998					
Tracker	LU1437016972	AMUNDI MSCWD DR U	USD	65,5830	66,4330	65,5830			66,4330					
Tracker	LU1437016543	AMUNDI NOR AM DR U	USD	68,5680	69,3770	68,5680			69,3770					
Tracker	LU1437017863	AMUNDI SP500 DR U	USD	69,1040	69,9360	69,1040	501516,3900	3	69,9360	8234				
Tracker	LU1861132840	AMUNDI STOXX GL AI	USD	51,4400	52,0470	51,4400			52,0470					
Tracker	LU1589349734	AMUNDI US MIN VO	USD	57,0550	57,1950	57,0550			57,1950					
Tracker	LU1291109616	BNPP GSCI ETF EUR	EUR	9,4508	9,5052	9,4508			9,5052					
Tracker	DE000A0H0728	DIVERS COMMODITY	USD	21,3900	21,4420	21,3750	3744,7500	1	21,4420	200				
Tracker	JE00B3WDZV68	ETFS 3 L JPY S EUR	EUR	21,5800	21,5800	21,5000			21,5000					
Tracker	JE00B3QQ4551	ETFS 3 L USD S EUR	EUR	74,7200	75,5100	74,7200			75,5100					
Tracker	JE00B44CBN95	ETFS 3 S JPY L EUR	EUR	35,6900	35,8350	35,6900			35,8350					
Tracker	JE00B3TK7772	ETFS 3 S USD L EUR	EUR	14,3830	14,3830	14,2440			14,2440					
Tracker	JE00B2NFTL95	ETFS DAILY LG2 GLD	EUR	31,0950	31,0950	30,9280			30,9280					
Tracker	JE00B2NFTS64	ETFS DAILY LG2 SLV	EUR	4,0100	4,0100	3,9820			3,9820					
Tracker	JE00B24DKC09	ETFS DAILY SH1 GLD	EUR	22,0670	22,2370	22,0670			22,2370					
Tracker	JE00B24DKK82	ETFS DAILY SH1 SLV	EUR	16,3440	16,4790	16,3440			16,4790					
Tracker	JE00B3MWC642	ETFS LG JPY SH EUR	EUR	42,6450	42,6450	42,5900			42,5900					
Tracker	JE00B588CD74	ETFS PHYS SW GLD	EUR	104,7900	104,7900	104,4500	55049,2000	2	104,6700	527				
Tracker	JE00B1VS3333	ETFS PHYSIC SILVER	EUR	12,1910	12,2200	12,1320	78127,9300	34	12,1620	6410				
Tracker	JE00B1VS3770	ETFS PHYSICALGOLD	EUR	103,5000	103,5000	103,1000	1186461,6700	63	103,3900	11492				
Tracker	JE00B1VS3002	ETFS PHYSPALLADIUM	EUR	92,9700	92,9700	91,6500	36272,5200	10	92,3500	393				
Tracker	JE00B1VS3W29	ETFS PHYSPM BASKET	EUR	81,5100	81,5100	81,3400			81,3400					
Tracker	JE00B3KNM514	ETFS SH JPY LG EUR	EUR	42,9300	42,9850	42,9300			42,9850					
Tracker	JE00B1VS2W53	ETFSPHYSPPLATINUM	EUR	68,8100	69,0300	68,7400	2132,3600	3	69,0300	31				
Tracker	IE00B8XB7377	FINEX GOLD	EUR	7,6000	7,6000	7,5800	273,6000	1	7,5800	36				
Tracker	IE00B8X9NY41	FIRST EUROALPHADEX	EUR	28,4350	28,9800	28,4350	320303,3300	16	28,9500	11074				
Tracker	IE00BG0SSC32	FT DJ Internet	EUR	14,9000	15,3100	14,9000	104217,9400	3	15,3100	6958				
Tracker	IE00BD5HBS12	FT FACTOR FX EUR	EUR	18,6840	18,7070	18,6840			18,7070					
Tracker	IE00B579F325	Invesco Gold ETC	EUR	105,3600	105,3600	105,1300	247094,9900	4	105,2600	2350				
Tracker	IE00BCRY6557	IS EURO ULTRASHORT	EUR	100,0800	100,1100	100,0800	2502,7500	1	100,0900	25				
Tracker	IE00BCRY5V77	IS US SHORT CB	EUR	86,9400	87,1200	86,9400			87,1200					
Tracker	IE00BCLWRB83	IS USD HEDGED CB	EUR	85,0500	85,2300	85,0500			85,2300					
Tracker	IE00BCRY6003	IS USD SHORT HY CB	EUR	81,4800	81,7300	81,4500	36652,5000	1	81,7300	450				
Tracker	IE00BCRY6227	IS USD ULTRASHORT	EUR	88,3300	88,5800	88,2000	2205,0000	1	88,5800	25				
Tracker	IE00B7LGZ558	ISH FR TREAS BD	EUR	149,2500	149,3400	149,0500	184221,5800	21	149,1500	1235				
Tracker	IE00B6XZVY59	ISH NLD BD HEDGED	EUR	95,2500	95,3600	95,2500	167724,1400	9	95,2800	1760				
Tracker	IE00B0M62Y33	ISHARES AEX	EUR	50,3900	51,2300	50,3200	5994568,2200	231	51,2200	117962				
Tracker	IE00B14X4T88	ISHARES ASIA PACIF	EUR	22,1750	22,4050	22,1750	123498,0800	11	22,4050	5527				
Tracker	IE00B3DKXQ41	ISHARES B E AGG	EUR	119,2700	119,3800	119,2200	82178,8100	11	119,2300	689				
Tracker	IE00B3F81R35	ISHARES B E CORP	EUR	128,5300	128,5300	128,1600	620758,1400	41	128,3100	4837				
Tracker	IE00B3FH7618	ISHARES B E TR 0-1	EUR	98,9300	98,9600	98,9300	890,6400	1	98,9300	9				
Tracker	IE00B0M63516	ISHARES BRAZIL	EUR	26,7590	27,2940	26,6780	294706,0900	18	27,2250	10917				
Tracker	IE00B1W57M07	ISHARES BRIC 50	EUR	24,5950	24,9450	24,5400	310340,4400	16	24,9450	12554				
Tracker	IE00B02KXK85	ISHARES CHINA 25	EUR	96,8000	98,3300	96,8000	12577,0800	11	98,3300	129				
Tracker	IE00B52V1196	ISHARES DJ EUR SUS	EUR	38,7600	39,2400	38,7600	1036160,9000	16	39,2400	26558				
Tracker	IE00B57X3V84	ISHARES DJ GLO SUS	EUR	32,7620	33,2090	32,7620	339742,9100	15	33,2090	10327				
Tracker	IE0032523478	ISHARES E CORP BD	EUR	133,5300	133,7500	133,4300	46993,9200	10	133,5600	352				
Tracker	IE00B38BQ275	ISHARES E COV BOND	EUR	153,7300	153,8600	153,7300	1077,0200	1	153,7500	7				
Tracker	IE00B14X4Q57	ISHARES E GOV1-3	EUR	143,1700	143,2000	143,1600	3006,5300	5	143,1900	21				
Tracker	IE00B1FZ5913	ISHARES E GOV15-30	EUR	223,6600	224,0200	223,6600			224,0200					
Tracker	IE00B1FZ5681	ISHARES E GOV3-5	EUR	168,1400	168,3300	168,1300	256418,1300	8	168,3200	1524				
Tracker	IE00B1FZ5806	ISHARES E GOV7-10	EUR	207,3600	207,7000	207,2000	59599,2600	7	207,4300	287				
Tracker	IE00B0M62X26	ISHARES E INF-LINK	EUR	204,4900	205,2800	204,4900	230747,9300	12	205,0200	1126				
Tracker	IE00B0M63730	ISHARES EAST EX-JP	EUR	41,7100	42,4200	41,6300	821643,7200	25	42,4200	19436				
Tracker	IE00B0M63953	ISHARES EASTE10/40	EUR	19,6370	19,9380	19,6370	129861,0400	8	19,9380	6569				
Tracker	IE00B4WXJH41	ISHARES EG 10-15	EUR	167,6800	168,0700	167,6800			168,0700					
Tracker	IE00B4WXJG34	ISHARES EG 5-7	EUR	152,5300	152,8300	152,5300	37423,9000	5	152,7800	245				
Tracker	IE00B0M63177	ISHARES EM MARKETS	EUR	31,7700	32,3950	31,7700	2316444,3500	55	32,3950	72222				
Tracker	IE00BKM4GZ66	ISHARES EMIM	EUR	21,8230	22,2420	21,7980	245056,4900	114	22,2420	111324				
Tracker	IE00B0M62S72	ISHARES ESTOXX DIV	EUR	20,1650	20,4300	20,1500	1503916,5300	41	20,4100	74003				
Tracker	IE00B0M62V02	ISHARES ESTOXX GRO	EUR	32,9400	33,7600	32,8750	72320,2100	10	33,7600	2178				
Tracker	IE00B02KXL92	ISHARES ESTOXX MID	EUR	54,2700	55,4000	54,2700	398103,0900	13	55,3900	7232				
Tracker	IE00B02KXM00	ISHARES ESTOXX SML	EUR	31,1250	31,1250	31,1250	80403,3000	8	31,5200	2555				
Tracker	IE00B0M62T89	ISHARES ESTOXX VAL	EUR	20,1200	20,3600	20,1200	7222,9400	3	20,3600	357				
Tracker	IE0008471009	ISHARES EURO STX50	EUR	31,6400	32,1400	31,5700	2615358,4300	93	32,1150	81946				
Tracker	IE00B14X4N27	ISHARES EUROP EXUK	EUR	28,7450	29,1950	28,7450	3679111,4700	41	29,1950	126401				
Tracker	IE00B1YZSC51	ISHARES EUROPE	EUR	21,9950	22,2500	21,9200	6654953,2700	87	22,2400	300978				
Tracker	IE0005042456	ISHARES FTSE 100	EUR	7,7370	7,8160	7,7370	59185,6800	10	7,8160	7592				



Instrument Type	Exchange Instrument ID	Instrument 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	IE00B4WXJ64	ISHARES IEGA	EUR	120,2600	120,5900	120,2600	259381,3900	12	120,4600	2153				
Tracker	IE00B1FZS467	ISHARES INFRA GLO	EUR	22,6950	22,7050	22,6450	33043,9600	4	22,7050	1459				
Tracker	IE00B02KXH56	ISHARES JAPAN	EUR	11,9330	12,0770	11,9330	242711,1100	17	12,0770	20121				
Tracker	IE00BF553838	ISHARES JPMESG	EUR	4,3150	4,3405	4,3150	52080,0000	1	4,3405	12000				
Tracker	IE00B0M63391	ISHARES KOREA	EUR	34,5770	35,0870	34,5770	705636,4300	15	35,0870	20265				
Tracker	IE00B27YCK28	ISHARES LATIN AM	EUR	15,1380	15,3690	15,0600	556962,6500	19	15,3690	36852				
Tracker	IE00BG0J9V53	ISHARES MSCI CEMP	GBP	4,5095	4,5810	4,5095			4,5810					
Tracker	IE00B4LSYC18	ISHARES MSCI EM A	EUR	25,9800	26,4850	25,9500	120952,2200	16	26,4850	4628				
Tracker	IE00B4K48X80	ISHARES MSCI EUR A	EUR	46,1050	46,7200	45,9850	3036754,0400	43	46,6850	65323				
Tracker	IE00B4LSYX21	ISHARES MSCI JAP A	EUR	34,5600	34,9650	34,4800	582837,5300	29	34,9350	16868				
Tracker	IE00B4LSY983	ISHARES MSCI WOR A	EUR	45,5850	46,2750	45,5200	4079369,6700	215	46,2400	88981				
Tracker	IE00B14X4M10	ISHARES N-AMERICA	EUR	43,7800	44,4200	43,7800	19802,3600	8	44,4200	449				
Tracker	IE00B1TXHL60	ISHARES PRIVATE EQ	EUR	16,4500	16,7340	16,4500	714378,6900	22	16,7340	42935				
Tracker	IE00B1FZS244	ISHARES PROP ASIA	EUR	22,2410	22,4600	22,2410	6555,7800	3	22,4600	293				
Tracker	IE00B0M63284	ISHARES PROP EURO	EUR	39,1500	39,4900	39,1500	312815,1100	40	39,4900	7967				
Tracker	IE00B1FZS350	ISHARES PROP GLO	EUR	21,5670	21,7820	21,5670	535374,3900	19	21,7820	24753				
Tracker	IE00B1FZSF77	ISHARES PROP US	EUR	23,9650	24,3250	23,9650	1116424,6600	14	24,3250	46351				
Tracker	IE0031442068	ISHARES S&P 500	EUR	23,3000	23,6850	23,2930	7342397,9000	173	23,6600	312384				
Tracker	IE00B08KRH84	ISHARES SP500 B D	GBP	4,9700	4,9700	4,9700			4,9700					
Tracker	IE0008470928	ISHARES STOXX 50	EUR	29,2400	29,5350	29,2400	58633,2800	7	29,5350	1995				
Tracker	IE00B0M63623	ISHARES TAIWAN	EUR	34,4510	34,9670	34,4510	279349,2800	6	34,9670	8002				
Tracker	IE00B1FZS574	ISHARES TURKEY	EUR	12,9780	13,5500	12,9780	1045356,3300	30	13,5500	79005				
Tracker	IE00B14X4571	ISHARES US T 1-3	EUR	113,8600	114,1100	113,7000	152385,9200	10	114,1100	1338				
Tracker	IE00B1FZS798	ISHARES US T 7-10	EUR	163,9100	164,1300	163,7900	192658,2500	4	164,1300	1175				
Tracker	IE00B1FZSC47	ISHARES US TIPS	EUR	176,3600	176,8900	176,2000	17473,5500	3	176,5600	99				
Tracker	IE0032895942	ISHARES USD CRP BD	EUR	95,2100	95,2100	94,8100	69429,3800	6	95,2100	730				
Tracker	IE00B0M62Q58	ISHARES WORLD	EUR	37,0150	37,5750	36,9900	1752148,4900	53	37,5750	47000				
Tracker	IE00B3VWN393	ISHR \$ Gov 3-7A	EUR	107,1200	107,3200	107,0900	140339,9000	2	107,3200	1310				
Tracker	IE00B525F786	ISHR Canada	EUR	104,2800	104,6500	104,1200	12392,3800	2	104,6500	119				
Tracker	IE00B3VMTL14	ISHR E Gov 3-7A	EUR	130,9000	131,1000	130,9000	5899,5000	1	131,1000	45				
Tracker	IE00B53L3W79	ISHR ESTX50 B A	EUR	97,1200	98,6400	96,9100	2184067,8700	50	98,6400	22309				
Tracker	IE00B53QDK08	ISHR Japan A	EUR	123,6200	125,2300	123,6200	43109,5200	20	125,2300	347				
Tracker	IE00B5WHFQ43	ISHR Mexico Cap	EUR	94,5600	96,7200	94,5600	30111,0000	4	96,7200	315				
Tracker	IE00B53QG562	ISHR MSCI EMUSC	EUR	103,0800	104,7500	103,0800	879710,7500	10	104,7500	8452				
Tracker	IE00B525FT06	ISHR MSCI USA	EUR	221,3950	224,9000	221,3950	2146160,2200	12	224,9000	9633				
Tracker	IE00B535ZB19	ISHR NASDAQ 100	EUR	334,7000	342,4000	334,2000	2983502,2000	81	341,9500	8834				
Tracker	IE00B52MJY50	ISHR Pac xjpn A	EUR	113,1000	114,4000	113,0200	125059,6200	14	114,4000	1104				
Tracker	IE00B5V87390	ISHR Russia ADR	EUR	90,0900	91,4100	90,0900	4549,5000	1	91,4100	50				
Tracker	IE00B5BMR087	ISHR S&P500 B A	EUR	227,9370	231,6870	227,8300	14160269,0500	182	231,4570	61568				
Tracker	IE00BQ7OR696	IVZ NASDAQ BIOTECH	EUR	28,8200	29,3800	28,7250	847937,2000	23	29,3800	29135				
Tracker	IE00B3YCGJ38	IVZ S&P 500	EUR	417,7600	424,2100	417,7600	503814,7000	7	424,2100	1198				
Tracker	IE00BMMW3QX54	L&G Robotics	EUR	12,0740	12,2180	11,9600	99196,6500	22	12,2180	8213				
Tracker	IE00BF0H7608	L&G Battery Value	EUR	8,2100	8,3700	8,1600	3920,0000	3	8,3700	475				
Tracker	IE00BF0M2296	L&G Battery Value	EUR	6,9900	7,0800	6,9900			7,0800					
Tracker	IE00BYPLS672	L&G Cyber Security	EUR	11,6500	11,9240	11,6500	518257,9900	21	11,9240	44313				
Tracker	IE00BHBDF83	L&G E Fund China A	EUR	10,3120	10,4760	10,2980	7347,9900	3	10,4760	713				
Tracker	IE00BF0M6N54	L&G Ecommerce	EUR	7,1600	7,3300	7,1600			7,3300					
Tracker	IE00B3CNHG25	L&G Gold Mining	EUR	17,3800	17,4120	16,8400	202570,6200	17	16,8400	11942				
Tracker	IE00B4WPHX27	L&G Lg Dat Commod	EUR	12,5680	12,6300	12,5680	5624,8600	2	12,6230	446				
Tracker	IE00B3CNHJ55	L&G Russell 2000	EUR	53,6000	54,8500	53,6000	2375,6200	2	54,8500	44				
Tracker	LU0854423687	LYXOR ACWI GOLD	USD	55,2000	55,2000	52,7300			52,7300					
Tracker	LU0832435464	LYXOR ETF VIX EUR	EUR	4,8540	5,0370	4,8480	19590,1000	17	4,8480	3969				
Tracker	LU1646359452	LYXOR JPX 400	JPY	17777,6300	18051,5000	17777,6300	24627,3200	2	18035,1800	175				
Tracker	LU1812903158	Ma CoCo AT1 ETF	EUR	99320,0000	99320,0000	99320,0000			99320,0000					
Tracker	IE00B42Z5J44	MSCI JAP EH	EUR	46,3200	47,0250	46,2800	1345362,4700	39	47,0250	28839				
Tracker	IE00B441G979	MSCI WRD EH	EUR	48,5100	49,0550	48,4700	73112,3500	22	49,0550	1504				
Tracker	LU0832436512	MULTI GL QUAL INC	USD	130,5600	130,6000	130,5600			130,6000					
Tracker	IE00B3ZWOK18	SP 500 EH	EUR	59,7130	60,4630	59,7000	7808298,9200	61	60,4040	129808				
Tracker	IE00BYTRRG40	SPDR MSCI W TELE	EUR	25,7850	25,7850	25,6800			25,6800					
Tracker	US78467X1090	SPDR DJIA TRUST	EUR	216,1000	219,3500	216,1000			219,3500					
Tracker	IE00BYTRRG40	SPDR MSCI W C DIS	EUR	33,3500	34,0850	33,3500	10089,9800	5	34,0850	299				
Tracker	IE00BYTRR756	SPDR MSCI W C STAP	EUR	28,4700	28,6250	28,4150	62835,8600	3	28,6250	2197				
Tracker	IE00BYTRR863	SPDR MSCI W ENERGY	EUR	29,0900	29,5800	29,0800	567061,0000	16	29,5600	19371				
Tracker	IE00BYTRR970	SPDR MSCI W FINCLS	EUR	32,5950	33,1200	32,5600	394750,6700	11	33,1200	11976				
Tracker	IE00BYTRRB94	SPDR MSCI W HEALTH	EUR	31,7400	32,0300	31,5000	322421,9600	17	32,0300	10150				
Tracker	IE00BYTRRC02	SPDR MSCI W INDUST	EUR	31,6500	32,0550	31,6500	10110,1900	2	32,0550	316				
Tracker	IE00BYTRRF33	SPDR MSCI W MTRL	EUR	30,8900	31,4200	30,8900	20531,0600	2	31,4200	654				
Tracker	IE00BYTRRD19	SPDR MSCI W TECH	EUR	44,0500	45,0200	43,9600	698484,3900	43	45,0200	15729				
Tracker	IE00BYTRRH56	SPDR MSCI W UTIL	EUR	30,2800	30,2800	30,0600	744685,9300	11	30,0600	24646				
Tracker	IE00BFWFPX50	SPDR US COMMS	EUR	16,1000	16,4600	16,1000	819805,6700	11	16,4600	50620				
Tracker	IE00BWBXM278	SPDR US CONS DIS	EUR	24,6900	25,2600	24,6900			25,2600					
Tracker	IE00BWBXM385	SPDR US CONS STAP	EUR	21,4300	21,5000	21,4300			21,5000					



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
Tracker	IE00BWBXM492	SPDR US ENERGY	EUR	17,1000	17,3900	17,0800	137732,8200	2	17,3900	8055				
Tracker	IE00BWBXM500	SPDR US FINAN	EUR	23,3000	23,7300	23,3000			23,7300					
Tracker	IE00BWBXM617	SPDR US HEALTH	EUR	21,3600	21,6800	21,3600			21,6800					
Tracker	IE00BWBXM724	SPDR US INDUST	EUR	23,8500	24,0800	23,8500	34434,4000	1	24,0400	1430				
Tracker	IE00BWBXM869	SPDR US IITLIT	EUR	25,0200	25,0500	24,7500	275380,0600	4	24,7500	11002				
Tracker	IE00BWBXM831	SPDR US MATERIAL	EUR	19,4900	19,7500	19,4900			19,7500					
Tracker	IE00BWBXM948	SPDR US TECH	EUR	29,8700	30,5600	29,8700	538100,8200	5	30,5600	17946				
Tracker	NL0010273801	TC IAA	EUR	22,2540	22,2550	22,2360	452538,7200	5	22,2360	20342				
Tracker	NL0009272749	THINK AEX	EUR	50,5800	51,4100	50,4900	2066058,5900	180	51,3900	40565				
Tracker	NL0009272756	THINK AMX	EUR	69,0000	70,9300	68,6700	487723,4900	35	70,6400	6967				
Tracker	NL0010731816	THINK EUROP EQ ETF	EUR	51,1400	51,5000	50,8300	213405,4200	13	51,5000	4180				
Tracker	NL0009690221	THINK GLOBAL EQ.	EUR	38,6610	38,9560	38,5000	1037581,5000	102	38,9560	26819				
Tracker	NL0009690239	THINK GLOBAL RE	EUR	36,3100	36,5080	36,1240	61166,6100	11	36,5080	1690				
Tracker	NL0011683594	THINK HIGH DIV	EUR	27,2450	27,2450	26,9600	406278,9700	25	27,1600	14966				
Tracker	NL0009690247	THINK IBOXX CORP.	EUR	17,7120	17,8000	17,7120	42074,8100	5	17,7790	2364				
Tracker	NL0009690254	THINK IBOXX GOV.	EUR	13,4980	13,5440	13,4980	111455,9400	6	13,5360	8240				
Tracker	NL0009272764	THINK MIX DF	EUR	54,0100	54,5900	54,0100	1080,2000	1	54,5900	20				
Tracker	NL0009272772	THINK MIX NL	EUR	58,3600	58,3600	58,1000	231334,0000	5	58,2600	3974				
Tracker	NL0009272780	THINK MIX OF	EUR	60,1100	60,1300	59,6600	193177,9900	15	60,1300	3234				
Tracker	NL0011376074	THINK NRTH AMERICA	EUR	29,4450	29,7850	29,4450	91440,8900	3	29,7850	3098				
Tracker	NL0010408704	THINK SUSTAINABLE	EUR	78,3900	79,0800	78,0000	476948,8900	25	79,0800	6082				
Tracker	LU0629460089	UBS ETF ASRUSA	EUR	92,8000	93,8000	92,8000	177289,8700	8	93,8000	1907				
Tracker	IE00BDR55927	UBS ETF AWSR	EUR	8,7860	8,8910	8,7860			8,8910					
Tracker	LU1130155606	UBS ETF CAHEUA	EUR	15,6650	15,7100	15,6650			15,7100					
Tracker	LU0446734872	UBS ETF CANCDA	EUR	25,7960	25,9050	25,7960			25,9050					
Tracker	LU1048314196	UBS ETF CBEU5	EUR	13,5260	13,5260	13,5230			13,5230					
Tracker	LU1484799769	UBS ETF CBSE	EUR	13,7430	13,7480	13,7430			13,7480					
Tracker	LU1215461085	UBS ETF CBSUS	EUR	13,7630	13,7630	13,7630	27,5300	1	13,7630	2				
Tracker	LU1215461325	UBS ETF CBSUSE	EUR	14,5410	14,5410	14,5150			14,5150					
Tracker	LU1048316647	UBS ETF CBUS	EUR											
Tracker	LU1048314949	UBS ETF CBUS5	EUR											
Tracker	LU1048315243	UBS ETF CBUSSE	EUR	14,1090	14,1120	14,1090			14,1120					
Tracker	LU1048317025	UBS ETF CBUSE	EUR	16,6000	16,6000	16,6000	140668,4000	1	16,6000	8474				
Tracker	LU0136234068	UBS ETF ESOEUA	EUR	31,1550	31,6300	31,1550			31,6300					
Tracker	LU0721553864	UBS ETF ECOEUA	EUR	100,6600	100,6600	100,6600			100,6600					
Tracker	LU1215454460	UBS ETF ELOVD	EUR	13,8740	14,0460	13,8740			14,0460					
Tracker	LU0480132876	UBS ETF EMMUSA	EUR	81,7600	83,4500	81,7600			83,4500					
Tracker	LU0147308422	UBS ETF EMUEUA	EUR	110,3200	112,2400	110,3200			112,2400					
Tracker	LU1215452928	UBS ETF EPVLD	EUR	14,7200	14,9840	14,7200			14,9840					
Tracker	LU1215451524	UBS ETF EQLTD	EUR	16,8600	17,2500	16,8600			17,2500					
Tracker	LU0671493277	UBS ETF ESCEUA	EUR	87,0900	89,0000	87,0900	5688,0000	3	88,3800	64				
Tracker	LU0629460675	UBS ETF ESREUA	EUR	84,7800	86,1700	84,7800	89076,6500	5	86,1700	1044				
Tracker	LU1215455947	UBS ETF ETSYD	EUR	14,8640	15,0040	14,8640			15,0040					
Tracker	LU0446734104	UBS ETF EUREUA	EUR	57,9000	58,6900	57,9000			58,6900					
Tracker	LU1169827224	UBS ETF HKDU	EUR	15,0100	15,1060	15,0000	105,0600	2	15,1060	7				
Tracker	LU0937837945	UBS ETF JPEUAH	EUR	18,6250	18,8970	18,6250	18781,0000	1	18,8970	1000				
Tracker	LU0136240974	UBS ETF JPNJPA	EUR	37,5300	38,0150	37,5300	151400,0000	1	38,0150	4000				
Tracker	LU1230561679	UBS ETF JPSR	EUR	18,0580	18,1760	18,0580	18762,2600	1	18,1760	1039				
Tracker	LU1048313891	UBS ETF MSRUSA	EUR	10,7480	10,9650	10,7480	6015,3300	1	10,9650	554				
Tracker	LU0446734526	UBS ETF PACUSA	EUR	33,4900	33,9450	33,4900			33,9450					
Tracker	LU0629460832	UBS ETF PSRUSA	EUR	56,9400	57,6600	56,9400	21418,5100	4	57,6600	375				
Tracker	LU1169825954	UBS ETF SGPDPU	EUR	14,9680	15,0740	14,9680			15,0740					
Tracker	LU1280303014	UBS ETF USSRF	EUR	14,6080	14,7500	14,6080			14,7500					
Tracker	LU0721552544	UBS ETF UT1USA	EUR	21,5320	21,5930	21,5320			21,5930					
Tracker	LU0721552973	UBS ETF UT7USA	EUR	34,8480	34,8980	34,8480			34,8980					
Tracker	LU0629459743	UBS ETF WSRUSA	EUR	76,0000	76,8800	76,0000	193290,0000	2	76,8800	2540				
Tracker	IE00BWT3KS11	UBS IRL AUHEUA	EUR	12,3300	12,3300	12,3300			12,3300					
Tracker	IE00BMP3HG27	UBS IRL GLDVD	EUR	8,3250	8,4050	8,3250	837,0000	1	8,4050	100				
Tracker	IE00B7K93397	UBS IRL SP5USY	EUR	37,7700	38,3460	37,7700	382200,0000	2	38,3460	10000				
Tracker	IE00BMP3HN93	UBS IRL UKSR	EUR	16,5410	16,6750	16,5410			16,6750					
Tracker	IE00BX7RQY03	UBS IRL ULOVD	EUR	17,2700	17,3740	17,2700			17,3740					
Tracker	IE00BWT3KJ20	UBS IRL ULOVE	EUR	18,1860	18,2240	18,1020	90510,0000	1	18,2240	5000				
Tracker	IE00BX7RR706	UBS IRL UPVLD	EUR	17,9720	18,2740	17,9720			18,2740					
Tracker	IE00BWT3KL42	UBS IRL UPVLE	EUR	17,9380	18,1640	17,9380			18,1640					
Tracker	IE00BX7RRJ27	UBS IRL UQLTD	EUR	19,0740	19,3900	19,0740	9847,0800	1	19,3900	510				
Tracker	IE00BWT3KN65	UBS IRL UQLTE	EUR	18,8380	19,0700	18,8380			19,0700					
Tracker	IE00B77D4428	UBS IRL USAUSY	EUR	56,6400	57,5700	56,6400			57,5700					
Tracker	IE00BD4TYF66	UBS IRL USEUYH	EUR	20,6700	20,9200	20,6700			20,9200					
Tracker	IE00BX7RRT25	UBS IRL UTSYD	EUR	18,1660	18,3900	18,1660			18,3900					
Tracker	IE00BWT3KQ96	UBS IRL UTSYE	EUR	18,4060	18,5600	18,4060			18,5600					
Tracker	IE00B7KQ7B66	UBS IRL WRDUSY	EUR	43,5750	44,2300	43,5750			44,2300					
Tracker	IE00BZ163G84	VANGUARD EURCORPBD	EUR	51,3800	51,3800	51,3800			51,3800					



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
Tracker	IE00B2163H91	VANGUARD EURGV8D	EUR	24,6660	24,6660	24,6520	2688,5900	1	24,6520	109				
Tracker	IE00B9F5YL18	VANGUARD FTSE APXJ	EUR	19,7840	20,0450	19,7460	120265,3300	17	20,0450	6042				
Tracker	IE00B3R8WM25	VANGUARD FTSE AW	EUR	68,9500	70,0000	68,8000	1444865,5800	265	69,8600	20804				
Tracker	IE00BKX55542	VANGUARD FTSE DE	EUR	26,5650	26,9550	26,5650	1279132,3600	28	26,9450	47602				
Tracker	IE00BKX55578	VANGUARD FTSE DW	EUR	51,1600	51,9400	51,1600	257405,9200	4	51,9400	4974				
Tracker	IE00B3VVM84	VANGUARD FTSE EM	EUR	44,5900	45,3800	44,5000	596356,6200	50	45,3800	13284				
Tracker	IE00B945VV12	VANGUARD FTSE EUR	EUR	27,7120	28,0900	27,6200	1198885,7400	35	28,0900	42882				
Tracker	IE00B8GKDB10	VANGUARD FTSE HOY	EUR	45,3620	45,8190	45,2840	246985,8600	32	45,8190	5428				
Tracker	IE00B95PGT31	VANGUARD FTSE JPN	EUR	25,2050	25,4850	25,2050	613310,4400	16	25,4850	24142				
Tracker	IE00BKX55835	VANGUARD FTSE NA	EUR	57,5600	58,4600	57,5600	317140,0900	4	58,4600	5457				
Tracker	IE00BYR0D71	VANGUARD GLBLLIQ	EUR	27,8270	28,2980	27,8270	12422,8200	2	28,2980	439				
Tracker	IE00BYR0C64	VANGUARD GLBLMINVO	EUR	27,5680	27,8720	27,5680			27,8720					
Tracker	IE00BYR0935	VANGUARD GLBLMOM	EUR	26,8180	27,3390	26,8180	21020,4800	3	27,3390	775				
Tracker	IE00BYR0B57	VANGUARD GLBLVAL	EUR	27,9610	28,3150	27,8950	345112,5900	14	28,3150	12304				
Tracker	IE00B3XXRP09	VANGUARD S&P500	EUR	44,4150	45,1550	44,3700	8469588,6600	319	45,1010	189489				
Tracker	IE00B2163K21	VANGUARD USDCORPBD	EUR	43,9700	43,9700	43,9700			43,9700					
Tracker	IE00B2163L38	VANGUARD USDEMGVBN	EUR	42,3900	42,5440	42,3900	105975,0000	1	42,5440	2500				
Tracker	IE00B2163M45	VANGUARD USDTRBOND	EUR	20,6010	20,6060	20,5350	126453,6600	12	20,6060	6145				
Warrant	NL0012064232	AALB 28SPLOPENG	EUR	6,0400	6,0400	6,0400			6,0400					
Warrant	NL0012080386	AALB 37SPLOPENG	EUR											
Warrant	NL000912408	AALB 3.4SPLOPENG	EUR	28,4100	28,4100	28,4100			28,4100					
Warrant	NL0009113158	AALB 5.1SPLOPENG	EUR	26,9400	26,9400	26,9400			26,9400					
Warrant	NL0009236397	AALB 6.1SPLOPENG	EUR	25,9800	25,9800	25,9800			25,9800					
Warrant	NL0009367085	AALB 7.2SPLOPENG	EUR	24,9500	24,9500	24,9500			24,9500					
Warrant	NL0009902287	AALB 8.4SPLOPENG	EUR	23,9400	23,9400	23,9400			23,9400					
Warrant	NL0010216347	AALB 11.9SPLOPENG	EUR	20,7000	20,7000	20,7000			20,7000					
Warrant	NL0010466462	AALB 15.3SPLOPENG	EUR	17,5900	17,5900	17,5900			17,5900					
Warrant	NL0010526125	AALB 16.6SPLOPENG	EUR	16,4100	16,4100	16,4100			16,4100					
Warrant	NL0010942421	AALB 19.4SPLOPENG	EUR	13,8800	13,8800	13,8800			13,8800					
Warrant	NL0010950440	AALB 20.9SPLOPENG	EUR	12,4800	12,4800	12,4800			12,4800					
Warrant	NL0011012653	AALB 22.6SPLOPENG	EUR	10,9900	10,9900	10,9900			10,9900					
Warrant	NL0011373147	AALB 24.3SPLOPENG	EUR	9,4300	9,4300	9,4300			9,4300					
Warrant	NL0011848296	AALB 26.1SPLOPENG	EUR	7,8000	7,8000	7,8000			7,8000					
Warrant	NL0012064596	AALB 30.1SPLOPENG	EUR	4,0800	4,1500	4,0800	48,9600	1	4,1500	12				
Warrant	NL0012067128	AALB 32.3SPLOPENG	EUR											
Warrant	NL0012076913	AALB 34.6SPLOPENG	EUR											
Warrant	NL0012829303	AALB 34.6SPLOPENG	EUR											
Warrant	NL0012464663	AALB 47.1SPSOPENG	EUR	20,9900	20,9900	20,9900			20,9900					
Warrant	DE000CV8AJP2	ABLIZ 80C 0319Z	EUR	0,1950	0,2650	0,1950			0,2650					
Warrant	DE000CV8AJN7	ABLIZ 80C 1218Z	EUR	0,0690	0,1050	0,0690			0,1050					
Warrant	NL0011481379	ABN 10SPLOPENG	EUR	11,9100	12,0300	11,8800	12117,6000	3	12,0300	1020				
Warrant	NL0011481387	ABN 11SPLOPENG	EUR	10,9600	11,0800	10,9600			11,0800					
Warrant	NL0011847479	ABN 17SPLOPENG	EUR	4,2900	4,4100	4,2900			4,4100					
Warrant	DE000CV894U6	ABN 20C 1218Z	EUR	1,6700	1,7650	1,6700			1,7650					
Warrant	NL0012826036	ABN 22SPLOPENG	EUR											
Warrant	NL0012828255	ABN 23SPLOPENG	EUR											
Warrant	DE000CV8APT1	ABN 24C 0319Z	EUR	0,0830	0,0880	0,0830			0,0880					
Warrant	DE000CJ3PJQ5	ABN 24C 0619Z	EUR	0,1150	0,1150	0,1150			0,1150					
Warrant	DE000CV894W2	ABN 25C 1218Z	EUR	0,0820	0,0920	0,0820			0,0920					
Warrant	DE000CV8AM94	ABN 26C 0319Z	EUR	0,0360	0,0380	0,0360			0,0380					
Warrant	DE000CV8ARG4	ABN 27C 1218Z	EUR	0,0110	0,0120	0,0110			0,0120					
Warrant	NL0011846910	ABN 9.3SPLOPENG	EUR	12,5200	12,6400	12,5200			12,6400					
Warrant	NL0011848379	ABN 11.7SPLOPENG	EUR	10,3100	10,4300	10,3100			10,4300					
Warrant	NL0011848361	ABN 12.5SPLOPENG	EUR	9,6100	9,7300	9,6100			9,7300					
Warrant	NL0011851134	ABN 13.2SPLOPENG	EUR	8,9000	9,0200	8,9000			9,0200					
Warrant	NL0011852025	ABN 14.1SPLOPENG	EUR	8,1400	8,2600	8,1400			8,2600					
Warrant	NL0011853304	ABN 14.9SPLOPENG	EUR	7,3500	7,4700	7,3500			7,4700					
Warrant	NL0011857412	ABN 15.8SPLOPENG	EUR	6,5500	6,6700	6,5500			6,6700					
Warrant	NL0011858410	ABN 16.7SPLOPENG	EUR	5,6600	5,7800	5,6600			5,7800					
Warrant	NL0012063325	ABN 17.7SPLOPENG	EUR	4,7600	4,8800	4,7600			4,8800					
Warrant	NL0012063929	ABN 18.7SPLOPENG	EUR	3,8000	3,9200	3,8000	7661,6000	2	3,9200	1980				
Warrant	NL0012073027	ABN 19.8SPLOPENG	EUR	2,8000	2,9200	2,8000			2,9200					
Warrant	NL0012076004	ABN 20.9SPLOPENG	EUR	1,7700	1,8900	1,7700			1,8900					
Warrant	DE000CJ3JPJ7	ABN 22.5C 0319Z	EUR	0,1650	0,1650	0,1650			0,1650					
Warrant	DE000CV894V4	ABN 22.5C 1218Z	EUR	0,4150	0,4500	0,4150			0,4500					
Warrant	NL0012831622	ABN 23.1SPLOPENG	EUR											
Warrant	NL0012821524	ABN 24.2SPSOPENG	EUR											
Warrant	NL0012474845	ABN 25.4SPSOPENG	EUR	6,3100	6,3100	6,1900			6,1900					
Warrant	NL0012469738	ABN 27.4SPSOPENG	EUR	8,4800	8,4800	8,3600			8,3600					
Warrant	NL0011621412	ABN 11.26SPLOPENG	EUR	10,0000	10,1200	10,0000			10,1200					
Warrant	NL0011847629	ABN 11.97SPLOPENG	EUR	9,3200	9,4400	9,3200			9,4400					
Warrant	NL0011848049	ABN 12.72SPLOPENG	EUR	8,5500	8,6700	8,5500			8,6700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011850607	ABN 13.51SPLOPENG	EUR	7,7900	7,9100	7,7900			7,9100					
Warrant	NL0011851381	ABN 14.33SPLOPENG	EUR	6,9600	7,0800	6,9600			7,0800					
Warrant	NL0011852983	ABN 15.18SPLOPENG	EUR	6,1100	6,2300	6,1100			6,2300					
Warrant	NL0011856794	ABN 16.07SPLOPENG	EUR	5,2600	5,3800	5,2600	533,0000	1		100				
Warrant	NL0011862727	ABN 17.98SPLOPENG	EUR	3,3100	3,4300	3,3100			3,4300					
Warrant	NL0012062988	ABN 19.01SPLOPENG	EUR	2,2900	2,4100	2,2900			2,4100					
Warrant	NL0012070619	ABN 20.09SPLOPENG	EUR	1,2100	1,3300	1,2000	96,0000	1	1,3300	80				
Warrant	NL0012825129	ABN 21.12SPLOPENG	EUR											
Warrant	NL0012825830	ABN 22.21SPLOPENG	EUR											
Warrant	NL0012831887	ABN 23.31SPLOPENG	EUR											
Warrant	NL0012821003	ABN 23.96SPSOPENG	EUR											
Warrant	NL0012473086	ABN 24.98SPSOPENG	EUR	3,9800	3,9800	3,8600			3,8600					
Warrant	NL0012462006	ABN 26.97SPSOPENG	EUR	5,9800	5,9800	5,8600			5,8600					
Warrant	NL0012468557	ABN 28.95SPSOPENG	EUR	7,9600	7,9600	7,8400			7,8400					
Warrant	NL0011846589	ABN 9.231SPLOPENG	EUR	12,0500	12,1700	12,0500			12,1700					
Warrant	NL0010758488	ADIDA 49.1SPLOPENG	EUR	156,1500	161,7500	156,1500			161,7500					
Warrant	NL0011846431	ADIDA119.6SPLOPENG	EUR	90,4900	96,0900	90,4900			96,0900					
Warrant	NL0011851969	ADIDA142.2SPLOPENG	EUR											
Warrant	NL0012073464	ADIDA155.7SPLOPENG	EUR	5,7600	6,3200	5,7600			6,3200					
Warrant	NL0012477418	ADIDA169.9SPLOPENG	EUR	4,4300	4,9900	4,4300			4,9900					
Warrant	NL0012826739	ADIDA185.2SPLOPENG	EUR	3,0100	3,5700	3,0100			3,5700					
Warrant	NL0012068159	ADIDA187.6SPSOPENG	EUR											
Warrant	NL0012827984	ADIDA201.8SPLOPENG	EUR											
Warrant	NL0012465231	ADIDA219.1SPSOPENG	EUR	3,5500	3,5500	3,0000			3,0000					
Warrant	NL0012821672	ADYEN 181SPLOPENG	EUR	37,3700	38,9200	37,3700			38,9200					
Warrant	NL0012823157	ADYEN 461SPLOPENG	EUR	11,8800	13,4300	11,8800			13,4300					
Warrant	NL0012825277	ADYEN 563SPLOPENG	EUR											
Warrant	NL0012826960	ADYEN 611SPSOPENG	EUR											
Warrant	NL0012825608	ADYEN 477.SPLOPENG	EUR	7,0300	8,5800	7,0300	90,0000	1	8,5800	12				
Warrant	NL0012821698	ADYEN140.8SPLOPENG	EUR	41,0200	42,5700	41,0200			42,5700					
Warrant	NL0012821680	ADYEN160.9SPLOPENG	EUR	39,2000	40,7500	39,2000			40,7500					
Warrant	NL0012821664	ADYEN201.1SPLOPENG	EUR	35,5400	37,0900	35,5400			37,0900					
Warrant	NL0012821979	ADYEN251.2SPLOPENG	EUR	30,9700	32,5200	30,9700			32,5200					
Warrant	NL0012821987	ADYEN301.5SPLOPENG	EUR	26,3900	27,9400	26,3900			27,9400					
Warrant	NL0012821995	ADYEN351.7SPLOPENG	EUR	21,8300	23,3800	21,8300			23,3800					
Warrant	NL0012822399	ADYEN376.3SPLOPENG	EUR	19,5900	21,1400	19,5900			21,1400					
Warrant	NL0012826721	ADYEN429.3SPLOPENG	EUR	11,8000	13,3500	11,5000	122,8500	2	13,3500	10				
Warrant	NL0012822381	ADYEN430.9SPLOPENG	EUR	14,6200	16,1700	14,6200	1992,2500	2	16,1700	130				
Warrant	NL0012823702	ADYEN493.3SPLOPENG	EUR	8,8900	10,4400	8,8900			10,4400					
Warrant	NL0012827760	ADYEN524.7SPLOPENG	EUR	1,4100	3,0000	1,1200	4568,0000	11	2,9600	2220				
Warrant	NL0012825590	ADYEN525.2SPLOPENG	EUR											
Warrant	NL0012824528	ADYEN526.3SPLOPENG	EUR											
Warrant	NL0012826952	ADYEN526.7SPLOPENG	EUR											
Warrant	NL0012827620	ADYEN527.8SPLOPENG	EUR	5,8000	5,8000	5,8000			5,8000					
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	NL0012826069	ADYEN670.7SPSOPENG	EUR											
Warrant	NL0012825871	ADYEN674.3SPSOPENG	EUR											
Warrant	NL0012825889	ADYEN773.2SPSOPENG	EUR	24,7900	24,7900	23,2500			23,2500					
Warrant	NL0012830145	ADYEN889.2SPSOPENG	EUR	35,5400	35,5400	34,0000			34,0000					
Warrant	DE000CV89507	AEGON 5C 1218Z	EUR	0,3550	0,4350	0,3550			0,4350					
Warrant	NL0012827596	AEGON 5SPLOPENG	EUR	0,6600	0,7600	0,6600			0,7600					
Warrant	DE000CV8AMa8	AEGON 6C 0319Z	EUR	0,1150	0,1450	0,1150			0,1450					
Warrant	DE000CV8AEF4	AEGON 6C 1218Z	EUR	0,0420	0,0600	0,0420			0,0600					
Warrant	NL0011196753	AEGON 6SPSOPENG	EUR	1,5300	1,5300	1,4300			1,4300					
Warrant	NL0006428286	AEGON 0.2SPLOPENG	EUR	5,0200	5,1200	5,0200			5,1200					
Warrant	NL0006428419	AEGON 0.7SPLOPENG	EUR	4,5800	4,6800	4,5800			4,6800					
Warrant	NL0009765163	AEGON 0.9SPLOPENG	EUR	4,3500	4,4500	4,3500			4,4500					
Warrant	NL0009901941	AEGON 1.2SPLOPENG	EUR	4,1000	4,2000	4,1000			4,2000					
Warrant	NL0009905264	AEGON 1.6SPLOPENG	EUR	3,8100	3,9100	3,8100			3,9100					
Warrant	NL0010095642	AEGON 1.7SPLOPENG	EUR	3,6500	3,7500	3,6500			3,7500					
Warrant	NL0010104196	AEGON 1.9SPLOPENG	EUR	3,4900	3,5800	3,4900			3,5800					
Warrant	NL0010202354	AEGON 2.1SPLOPENG	EUR	3,3000	3,4000	3,3000			3,4000					
Warrant	NL0011848304	AEGON 2.6SPLOPENG	EUR	2,8900	2,9900	2,8900			2,9900					
Warrant	NL0011850839	AEGON 2.7SPLOPENG	EUR	2,7700	2,8700	2,7700			2,8700					
Warrant	NL0011857354	AEGON 3.1SPLOPENG	EUR	2,4400	2,5400	2,4400			2,5400					



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
Warrant	NL0011859335	AEGON 3.5SPLOPENG	EUR	2,1000	2,2000	2,1000			2,2000					
Warrant	NL0012072896	AEGON 3.7SPLOPENG	EUR	1,9200	2,0200	1,9200			2,0200					
Warrant	NL0012074140	AEGON 3.9SPLOPENG	EUR	1,7200	1,8200	1,7200			1,8200					
Warrant	NL0012077317	AEGON 4.1SPLOPENG	EUR	1,5200	1,6300	1,5200	1520,0000	1		1000				
Warrant	NL0012077747	AEGON 4.3SPLOPENG	EUR	1,3400	1,4400	1,3400			1,4400					
Warrant	NL0012463079	AEGON 4.5SPLOPENG	EUR	1,1100	1,2100	1,1100			1,2100					
Warrant	NL0012463848	AEGON 4.8SPLOPENG	EUR	0,8900	0,9900	0,8900			0,9900					
Warrant	NL0012824437	AEGON 5.2SPLOPENG	EUR											
Warrant	NL0012831085	AEGON 5.3SPLOPENG	EUR											
Warrant	DE000CV8AY09	AEGON 5.5C 0319Z	EUR	0,2400	0,2850	0,2400			0,2850					
Warrant	DE000CJ3PJR3	AEGON 5.5C 0619Z	EUR	0,2900	0,3350	0,2900			0,3350					
Warrant	DE000CV89515	AEGON 5.5C 1218Z	EUR	0,1200	0,1650	0,1200			0,1650					
Warrant	NL0012831564	AEGON 5.6SPLOPENG	EUR											
Warrant	NL0012821383	AEGON 5.7SPLOPENG	EUR											
Warrant	NL0012468839	AEGON 6.4SPLOPENG	EUR	2,0200	2,0200	1,9200			1,9200					
Warrant	NL0012479711	AEGON 6.9SPLOPENG	EUR	2,5300	2,5300	2,4300			2,4300					
Warrant	NL0012463913	AEGON 4.77SPLOPENG	EUR	0,4100	0,5100	0,4100	210,0000	1		500				
Warrant	NL0011847116	AEGON1.984SPLOPENG	EUR	3,2400	3,3300	3,2400			3,3300					
Warrant	NL0011845532	AEGON2.269SPLOPENG	EUR	2,9500	3,0500	2,9500			3,0500					
Warrant	NL0011844311	AEGON2.423SPLOPENG	EUR	2,8000	2,9000	2,8000			2,9000					
Warrant	NL0011847280	AEGON2.579SPLOPENG	EUR	2,6300	2,7300	2,6300			2,7300					
Warrant	NL0011847900	AEGON2.743SPLOPENG	EUR	2,4900	2,5900	2,4900			2,5900					
Warrant	NL0011856042	AEGON2.908SPLOPENG	EUR	2,3200	2,4200	2,3200			2,4200					
Warrant	NL0011856729	AEGON3.081SPLOPENG	EUR	2,1500	2,2500	2,1500			2,2500					
Warrant	NL0011859178	AEGON3.262SPLOPENG	EUR	1,9500	2,0500	1,9500			2,0500					
Warrant	NL0011859657	AEGON3.654SPLOPENG	EUR	1,5800	1,6700	1,5800			1,6700					
Warrant	NL0012073217	AEGON3.859SPLOPENG	EUR	1,3600	1,4600	1,3600			1,4600					
Warrant	NL0012075311	AEGON4.074SPLOPENG	EUR	1,1400	1,2400	1,1400	116,0000	1	1,2400	100				
Warrant	NL0012077143	AEGON4.298SPLOPENG	EUR	0,9100	1,0100	0,9100			1,0100					
Warrant	NL0012462881	AEGON4.529SPLOPENG	EUR	0,6800	0,7800	0,6800	1480,0000	2	0,7800	2000				
Warrant	NL0012067359	AEGON4.977SPLOPENG	EUR											
Warrant	NL0012824700	AEGON5.016SPLOPENG	EUR	0,1700	0,2700	0,1700	120,0000	1	0,2700	500				
Warrant	NL0012830467	AEGON5.265SPLOPENG	EUR											
Warrant	NL0012833156	AEGON5.266SPLOPENG	EUR											
Warrant	NL0012830798	AEGON5.527SPLOPENG	EUR											
Warrant	NL0012831531	AEGON5.529SPLOPENG	EUR											
Warrant	NL0012832687	AEGON5.548SPLOPENG	EUR	0,4400	0,4400	0,3300			0,3300					
Warrant	NL0012820922	AEGON5.551SPLOPENG	EUR											
Warrant	NL0011196506	AEGON5.967SPLOPENG	EUR	0,8500	0,8500	0,7500			0,7500					
Warrant	NL0011203740	AEGON7.015SPLOPENG	EUR	1,9100	1,9100	1,8100			1,8100					
Warrant	NL0011205893	AEGON7.575SPLOPENG	EUR	2,4600	2,4600	2,3600			2,3600					
Warrant	NL0006423097	AEX 38SPLOPENG	EUR	47,5000	47,5000	47,5000			47,5000					
Warrant	NL0006428179	AEX 51SPLOPENG	EUR	46,2300	46,2300	46,2300			46,2300					
Warrant	NL0006428161	AEX 63SPLOPENG	EUR	45,0300	45,0300	45,0300			45,0300					
Warrant	NL0006422982	AEX 76SPLOPENG	EUR	43,8400	43,8400	43,8400			43,8400					
Warrant	NL0006427973	AEX 82SPLOPENG	EUR	43,2100	43,2100	43,2100			43,2100					
Warrant	NL0006427965	AEX 88SPLOPENG	EUR	42,6100	42,6100	42,6100			42,6100					
Warrant	NL0006428351	AEX 100SPLOPENG	EUR	41,4200	41,4200	41,4200			41,4200					
Warrant	NL0009105006	AEX 113SPLOPENG	EUR	40,1400	40,1400	40,1400			40,1400					
Warrant	NL0009105147	AEX 121SPLOPENG	EUR	39,4200	39,4200	39,4200			39,4200					
Warrant	NL0009105139	AEX 127SPLOPENG	EUR	38,8200	38,8200	38,8200			38,8200					
Warrant	NL0009105592	AEX 134SPLOPENG	EUR	38,1100	38,1100	38,1100			38,1100					
Warrant	NL0009106889	AEX 140SPLOPENG	EUR	37,4900	37,4900	37,4900			37,4900					
Warrant	NL0009106871	AEX 146SPLOPENG	EUR	36,8900	36,8900	36,8900			36,8900					
Warrant	NL0009106863	AEX 153SPLOPENG	EUR	36,2900	36,2900	36,2900			36,2900					
Warrant	NL0009111012	AEX 159SPLOPENG	EUR	35,6800	35,6800	35,6800			35,6800					
Warrant	NL0009111004	AEX 165SPLOPENG	EUR	35,0900	35,0900	35,0900			35,0900					
Warrant	NL0009111061	AEX 171SPLOPENG	EUR	34,5000	34,5000	34,5000			34,5000					
Warrant	NL0009111053	AEX 177SPLOPENG	EUR	33,9000	33,9000	33,9000			33,9000					
Warrant	NL0009111046	AEX 183SPLOPENG	EUR	33,3100	33,3100	33,3100			33,3100					
Warrant	NL0009879477	AEX 188SPLOPENG	EUR	32,7900	32,7900	32,7900			32,7900					
Warrant	NL0009879469	AEX 194SPLOPENG	EUR	32,2700	32,2700	32,2700			32,2700					
Warrant	NL0009901792	AEX 199SPLOPENG	EUR	31,7400	31,7400	31,7400			31,7400					
Warrant	NL0009901784	AEX 204SPLOPENG	EUR	31,2000	31,2000	31,2000			31,2000					
Warrant	NL0009901925	AEX 210SPLOPENG	EUR	30,6500	30,6500	30,6500			30,6500					
Warrant	NL0009902220	AEX 216SPLOPENG	EUR	30,0900	30,0900	30,0900			30,0900					
Warrant	NL0010102521	AEX 227SPLOPENG	EUR	28,9800	28,9800	28,9800			28,9800					
Warrant	NL0010084976	AEX 232SPLOPENG	EUR	28,4500	28,4500	28,4500			28,4500					
Warrant	NL0010085239	AEX 238SPLOPENG	EUR	27,8700	27,8700	27,8700			27,8700					
Warrant	NL0010085221	AEX 244SPLOPENG	EUR	27,3000	27,3000	27,3000			27,3000					
Warrant	NL0010087052	AEX 250SPLOPENG	EUR	26,6800	26,6800	26,6800			26,6800					
Warrant	NL0010201893	AEX 257SPLOPENG	EUR	26,0400	26,0400	26,0400			26,0400					



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
Warrant	NL0010215349	AEX 264SPLOPENG	EUR	25,3700	25,3700	25,3700			25,3700					
Warrant	NL0010215786	AEX 271SPLOPENG	EUR	24,6600	24,6600	24,6600			24,6600					
Warrant	NL0010350492	AEX 278SPLOPENG	EUR	23,9400	23,9400	23,9400			23,9400					
Warrant	NL0010465506	AEX 286SPLOPENG	EUR	23,2300	23,2300	23,2300			23,2300					
Warrant	NL0010465498	AEX 293SPLOPENG	EUR	22,5000	22,5000	22,5000			22,5000					
Warrant	NL0010466074	AEX 293SPLOPENG	EUR	21,9600	21,9600	21,9600			21,9600					
Warrant	NL0010467718	AEX 301SPLOPENG	EUR	21,7800	21,7800	21,7800			21,7800					
Warrant	NL0010468476	AEX 308SPLOPENG	EUR	21,0200	21,0200	21,0200			21,0200					
Warrant	NL0010535225	AEX 316SPLOPENG	EUR	20,2500	20,2500	20,2500			20,2500					
Warrant	NL0010829636	AEX 318SPLOPENG	EUR	20,0600	20,0600	20,0600			20,0600					
Warrant	NL0010829628	AEX 320SPLOPENG	EUR	19,8700	19,8700	19,8700			19,8700					
Warrant	NL0010829610	AEX 322SPLOPENG	EUR	19,6800	19,6800	19,6800			19,6800					
Warrant	NL0010829602	AEX 324SPLOPENG	EUR	19,4800	19,4800	19,4800			19,4800					
Warrant	NL0010829594	AEX 326SPLOPENG	EUR	19,2900	19,2900	19,2900			19,2900					
Warrant	NL0010829586	AEX 328SPLOPENG	EUR	19,1000	19,1000	19,1000			19,1000					
Warrant	NL0010829578	AEX 330SPLOPENG	EUR	18,9000	18,9000	18,9000			18,9000					
Warrant	NL0010829560	AEX 332SPLOPENG	EUR	18,7000	18,7000	18,7000			18,7000					
Warrant	NL0010830832	AEX 334SPLOPENG	EUR	18,5000	18,5000	18,5000			18,5000					
Warrant	NL0010938957	AEX 338SPLOPENG	EUR	18,1100	18,1100	18,1100			18,1100					
Warrant	NL0010938940	AEX 340SPLOPENG	EUR	17,9000	17,9000	17,9000			17,9000					
Warrant	NL0010938932	AEX 342SPLOPENG	EUR	17,7000	17,7000	17,7000			17,7000					
Warrant	NL0011618962	AEX 344SPLOPENG	EUR	17,5100	17,5100	17,5100			17,5100					
Warrant	NL0011619515	AEX 346SPLOPENG	EUR	17,3100	17,3100	17,3100			17,3100					
Warrant	NL0011619507	AEX 350SPLOPENG	EUR	16,9200	16,9200	16,9200			16,9200					
Warrant	NL0011619499	AEX 354SPLOPENG	EUR	16,5200	16,5200	16,5200			16,5200					
Warrant	NL0011619481	AEX 358SPLOPENG	EUR	16,1200	16,1200	16,1200			16,1200					
Warrant	NL0011619473	AEX 362SPLOPENG	EUR	15,7200	15,7200	15,7200			15,7200					
Warrant	NL0011620125	AEX 364SPLOPENG	EUR	15,5100	15,5100	15,5100			15,5100					
Warrant	NL0011620240	AEX 366SPLOPENG	EUR	15,3100	15,3100	15,3100			15,3100					
Warrant	NL0011620232	AEX 371SPLOPENG	EUR	14,9000	14,9000	14,9000			14,9000					
Warrant	NL0011622188	AEX 373SPLOPENG	EUR	14,6900	14,6900	14,6900			14,6900					
Warrant	NL0011622287	AEX 375SPLOPENG	EUR	14,4800	14,4800	14,4800			14,4800					
Warrant	NL0011622279	AEX 379SPLOPENG	EUR	14,0600	14,0600	14,0600			14,0600					
Warrant	NL0011622261	AEX 381SPLOPENG	EUR	13,8500	13,8500	13,8500			13,8500					
Warrant	NL0011843925	AEX 383SPLOPENG	EUR	13,6400	13,6400	13,6400			13,6400					
Warrant	NL0011844956	AEX 388SPLOPENG	EUR	13,2200	13,2200	13,2200			13,2200					
Warrant	NL0011844949	AEX 392SPLOPENG	EUR	12,8000	12,8000	12,8000			12,8000					
Warrant	NL0011847207	AEX 394SPLOPENG	EUR	12,5900	12,5900	12,5900			12,5900					
Warrant	NL0011847199	AEX 396SPLOPENG	EUR	12,3700	12,3700	12,3700			12,3700					
Warrant	NL0011847181	AEX 399SPLOPENG	EUR	12,1600	12,1600	12,1600			12,1600					
Warrant	NL0011847652	AEX 403SPLOPENG	EUR	11,7300	11,7300	11,7300			11,7300					
Warrant	NL0011848072	AEX 405SPLOPENG	EUR	11,5100	11,5100	11,5100			11,5100					
Warrant	NL0011848064	AEX 410SPLOPENG	EUR	11,0700	11,0700	11,0700			11,0700					
Warrant	NL0011848056	AEX 412SPLOPENG	EUR	10,8500	10,8500	10,8500			10,8500					
Warrant	NL0011620695	AEX 412SPLOPENG	EUR											
Warrant	NL0011859277	AEX 416SPLOPENG	EUR	10,5000	10,5000	10,5000			10,5000					
Warrant	NL0011859269	AEX 418SPLOPENG	EUR	9,9600	10,2800	9,9600	1522,0000	2	10,2800	150				
Warrant	NL0011859574	AEX 422SPLOPENG	EUR	9,1600	9,8400	9,1600	229,0000	1	9,8400	25				
Warrant	NL0011862263	AEX 425SPLOPENG	EUR	9,6100	9,6100	9,6100			9,6100					
Warrant	NL0011862495	AEX 427SPLOPENG	EUR	9,3900	9,3900	9,3900			9,3900					
Warrant	NL0011862487	AEX 429SPLOPENG	EUR	9,1600	9,1600	9,1600			9,1600					
Warrant	NL0011862479	AEX 431SPLOPENG	EUR	8,9300	8,9300	8,9300			8,9300					
Warrant	NL0011862461	AEX 434SPLOPENG	EUR	8,7000	8,7000	8,7000			8,7000					
Warrant	NL0011862990	AEX 436SPLOPENG	EUR	8,4700	8,4700	8,4700			8,4700					
Warrant	NL0011862982	AEX 439SPLOPENG	EUR	8,2400	8,2400	8,2400			8,2400					
Warrant	NL0011863139	AEX 441SPLOPENG	EUR	8,0100	8,0100	8,0100			8,0100					
Warrant	NL0012061600	AEX 446SPLOPENG	EUR	7,5400	7,5400	7,5400			7,5400					
Warrant	NL0011853080	AEX 447SPLOPENG	EUR											
Warrant	NL0012061972	AEX 448SPLOPENG	EUR	7,3000	7,3000	7,3000			7,3000					
Warrant	NL0011859566	AEX 448SPLOPENG	EUR											
Warrant	NL0011853072	AEX 449SPLOPENG	EUR											
Warrant	NL0011630322	AEX 449SPLOPENG	EUR											
Warrant	NL0011859558	AEX 450SPLOPENG	EUR											
Warrant	NL0012062228	AEX 450SPLOPENG	EUR	6,5000	7,0700	6,5000	325,0000	1	7,0700	50				
Warrant	NL0012062418	AEX 453SPLOPENG	EUR	6,8300	6,8300	6,8300			6,8300					
Warrant	NL0012065320	AEX 455SPLOPENG	EUR	6,5900	6,5900	6,5900			6,5900					
Warrant	NL0012065312	AEX 458SPLOPENG	EUR	6,3500	6,3500	6,3500			6,3500					
Warrant	DE000CI3N872	AEX 460P 0919Z	EUR	2,0150	2,0150	1,8050			1,8050					
Warrant	NL0012065692	AEX 460SPLOPENG	EUR	6,1100	6,1100	6,1100			6,1100					
Warrant	NL0012065817	AEX 465SPLOPENG	EUR	4,8200	5,6200	4,8200	1928,0000	1	5,6200	400				
Warrant	NL0012066245	AEX 470SPLOPENG	EUR	5,1200	5,1200	5,1200			5,1200					
Warrant	NL0012066807	AEX 473SPLOPENG	EUR	4,1800	4,8800	4,1800	4220,0000	2	4,8800	1000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012067193	AEX 475SPLOPENG	EUR	4,6300	4,6300	4,6300			4,6300					
Warrant	NL0012067771	AEX 480SPLOPENG	EUR	3,4200	4,1400	3,4100	4190,0400	7	4,1400	1138				
Warrant	NL0012068373	AEX 4835PLOPENG	EUR	3,8800	3,8800	3,8800			3,8800					
Warrant	DE000CV4ZYB7	AEX 485P 1218Z	EUR	0,4350	0,4350	0,3450			0,3450					
Warrant	NL0012069496	AEX 4885PLOPENG	EUR	3,3700	3,3700	3,3700			3,3700					
Warrant	DE000CJ3N856	AEX 490P 0319Z	EUR	1,7050	1,7050	1,4550			1,4550					
Warrant	NL0012075899	AEX 4915PLOPENG	EUR	2,7800	3,1100	2,7800	278,0000	1	3,1100	100				
Warrant	NL0012079131	AEX 4935PLOPENG	EUR	2,8700	2,8700	2,8700			2,8700					
Warrant	NL0012079123	AEX 4965PLOPENG	EUR	2,6500	2,7500	2,6200	5980,0000	3	2,6200	2200				
Warrant	NL0012079115	AEX 4985PLOPENG	EUR	1,6100	2,4400	1,5800	12995,6800	8	2,3700	6623				
Warrant	DE000CV8A7B1	AEX 500P 0619Z	EUR	1,3450	1,3450	1,3450			1,3450					
Warrant	NL0012079586	AEX 5015PLOPENG	EUR	2,1100	2,1100	2,1100			2,1100					
Warrant	NL0012079909	AEX 5045PLOPENG	EUR	1,1100	1,8600	1,1100	444,0000	1	1,8600	400				
Warrant	DE000CV4ZYA9	AEX 505P 1218Z	EUR	0,7950	0,7950	0,6250			0,6250					
Warrant	NL0012474878	AEX 5065PLOPENG	EUR											
Warrant	NL0012478465	AEX 5095PLOPENG	EUR											
Warrant	DE000CV8A622	AEX 510C 0319Z	EUR	0,8250	0,9950	0,8250			0,9950					
Warrant	DE000CV8A732	AEX 510P 0319Z	EUR	1,1050	1,1050	1,1050			1,1050					
Warrant	NL0012478457	AEX 5115PLOPENG	EUR											
Warrant	NL0012833248	AEX 5145PLOPENG	EUR											
Warrant	NL0012478440	AEX 5145PLOPENG	EUR											
Warrant	DE000CV4ZXN4	AEX 515C 1218Z	EUR	0,4450	0,5850	0,4450			0,5850					
Warrant	NL0012833230	AEX 5175PLOPENG	EUR											
Warrant	NL0012478432	AEX 5175PLOPENG	EUR											
Warrant	NL0012478424	AEX 5195PLOPENG	EUR											
Warrant	DE000CV8A773	AEX 520C 0619Z	EUR	0,6750	0,8050	0,6750			0,8050					
Warrant	DE000CJ3N864	AEX 520C 0919Z	EUR	1,7850	1,7850	1,7850			1,7850					
Warrant	NL0012479208	AEX 5225PLOPENG	EUR											
Warrant	DE000CV4ZY95	AEX 525P 1218Z	EUR	1,3850	1,3850	1,1350			1,1350					
Warrant	NL0012479497	AEX 5255PLOPENG	EUR											
Warrant	NL0011304605	AEX 5265PSOPENG	EUR											
Warrant	NL0012479695	AEX 5275PLOPENG	EUR											
Warrant	DE000CJ3N849	AEX 530C 0319Z	EUR	0,8650	1,0750	0,8650			1,0750					
Warrant	NL0012480156	AEX 5305PLOPENG	EUR											
Warrant	NL0012833404	AEX 5305PSOPENG	EUR	2,9300	2,9300	2,9300			2,9300					
Warrant	NL0012833412	AEX 5325PSOPENG	EUR	3,2000	3,2000	3,2000			3,2000					
Warrant	NL0012480149	AEX 5335PLOPENG	EUR											
Warrant	DE000CV4ZXP9	AEX 535C 1218Z	EUR	0,1650	0,2250	0,1650			0,2250					
Warrant	NL0012480560	AEX 5355PLOPENG	EUR											
Warrant	NL0012830236	AEX 5355PLOPENG	EUR											
Warrant	NL0012833255	AEX 5355PSOPENG	EUR	4,2000	4,2000	3,4700	21190,5000	5	3,4700	5050				
Warrant	NL0012830558	AEX 5385PLOPENG	EUR											
Warrant	NL0012480552	AEX 5385PLOPENG	EUR											
Warrant	NL0012833263	AEX 5385PSOPENG	EUR	3,7500	3,7500	3,7500			3,7500					
Warrant	DE000CV8A7C9	AEX 540P 0619Z	EUR	2,8350	2,8350	2,5650			2,5650					
Warrant	DE000CJ3N880	AEX 540P 0919Z	EUR	5,8450	5,8450	5,8450			5,8450					
Warrant	NL0012822829	AEX 5405PLOPENG	EUR											
Warrant	NL0012833271	AEX 5405PSOPENG	EUR	4,0200	4,0200	4,0200			4,0200					
Warrant	NL0012830905	AEX 5415PLOPENG	EUR											
Warrant	NL0012822811	AEX 5435PLOPENG	EUR											
Warrant	NL0012833289	AEX 5435PSOPENG	EUR	4,3000	4,3000	4,3000			4,3000					
Warrant	NL0012831291	AEX 5445PLOPENG	EUR											
Warrant	DE000CV4ZY87	AEX 545P 1218Z	EUR	2,2250	2,2250	1,8950			1,8950					
Warrant	NL0012829139	AEX 5455PSOPENG	EUR											
Warrant	NL0012823819	AEX 5465PLOPENG	EUR											
Warrant	NL0012833297	AEX 5465PSOPENG	EUR	4,7200	4,7200	4,5800	472,0000	1	4,5800	100				
Warrant	NL0012829147	AEX 5475PSOPENG	EUR											
Warrant	NL0012827463	AEX 5495PLOPENG	EUR											
Warrant	NL0012833305	AEX 5495PSOPENG	EUR	4,8600	4,8600	4,8600			4,8600					
Warrant	DE000CV8A708	AEX 550C 0319Z	EUR	0,2650	0,2650	0,2650			0,2650					
Warrant	DE000CV8A740	AEX 550P 0319Z	EUR	2,6850	2,6850	2,3750			2,3750					
Warrant	NL0012829154	AEX 5505PSOPENG	EUR											
Warrant	NL0012828024	AEX 5515PLOPENG	EUR											
Warrant	NL0012833313	AEX 5515PSOPENG	EUR	5,1400	5,1400	5,1400			5,1400					
Warrant	NL0012823876	AEX 5525PLOPENG	EUR											
Warrant	NL0012829162	AEX 5535PSOPENG	EUR											
Warrant	NL0012828305	AEX 5545PLOPENG	EUR											
Warrant	DE000CV4ZXQ7	AEX 555C 1218Z	EUR	0,0910	0,0910	0,0910			0,0910					
Warrant	NL0012824411	AEX 5555PLOPENG	EUR											
Warrant	NL0012829170	AEX 5555PSOPENG	EUR	6,1000	6,1000	5,4200	610,0000	1	5,4200	100				
Warrant	NL0012824403	AEX 5575PLOPENG	EUR											
Warrant	NL0012829188	AEX 5585PSOPENG	EUR	5,7100	5,7100	5,7100			5,7100					



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
Warrant	DE000CV8A781	AEX 560C 0619Z	EUR	0,2850	0,2850	0,2850			0,2850					
Warrant	NL0012824916	AEX 560SPLOPENG	EUR											
Warrant	NL0012829196	AEX 561SPSOPENG	EUR	6,6800	6,6800	5,9900	964,5000	2	5,9900	150				
Warrant	NL0012825525	AEX 563SPLOPENG	EUR											
Warrant	NL0012827273	AEX 563SPSOPENG	EUR	6,2800	6,2800	6,2800			6,2800					
Warrant	DE000CV4ZY79	AEX 565P 1218Z	EUR	3,1850	3,1850	2,8350			2,8350					
Warrant	NL0012825616	AEX 566SPLOPENG	EUR											
Warrant	NL0012827281	AEX 566SPSOPENG	EUR	7,3600	7,3600	6,5700	306,8000	2	6,5700	45				
Warrant	NL0012827299	AEX 569SPSOPENG	EUR	6,8600	6,8600	6,8600			6,8600					
Warrant	NL0012068878	AEX 572SPSOPENG	EUR	7,1600	7,1600	7,1600			7,1600					
Warrant	DE000CV4ZXR5	AEX 575C 1218Z	EUR	0,0570	0,0600	0,0570			0,0600					
Warrant	DE000CV8A7D7	AEX 580P 0619Z	EUR	4,6050	4,6050	4,2650			4,2650					
Warrant	DE000CV4ZY61	AEX 585P 1218Z	EUR	4,1750	4,1750	3,8150			3,8150					
Warrant	NL0012074819	AEX 587SPSOPENG	EUR	9,4200	9,4200	8,6800	7954,5000	2	8,6800	850				
Warrant	DE000CV8A716	AEX 590C 0319Z	EUR	0,0920	0,0970	0,0920			0,0970					
Warrant	DE000CV8A757	AEX 590P 0319Z	EUR	4,2150	4,2150	4,2150			4,2150					
Warrant	NL0012463269	AEX 593SPSOPENG	EUR	9,7500	9,7500	9,3100	9750,0000	1	9,3100	1000				
Warrant	DE000CV4ZXS3	AEX 595C 1218Z	EUR	0,0520	0,0520	0,0520			0,0520					
Warrant	DE000CV8A799	AEX 600C 0619Z	EUR	0,1250	0,1350	0,1250			0,1350					
Warrant	NL0012463277	AEX 602SPSOPENG	EUR	10,2400	10,2400	10,2400			10,2400					
Warrant	DE000CV4ZXT1	AEX 615C 1218Z	EUR	0,0500	0,0500	0,0500			0,0500					
Warrant	NL0012463285	AEX 615SPSOPENG	EUR	11,5200	11,5200	11,5200			11,5200					
Warrant	DE000CV8A7E5	AEX 620P 0619Z	EUR	6,2050	6,2050	6,2050			6,2050					
Warrant	NL0012463715	AEX 624SPSOPENG	EUR	12,4900	12,4900	12,4900			12,4900					
Warrant	NL0012467906	AEX 628SPSOPENG	EUR	12,8200	12,8200	12,8200			12,8200					
Warrant	DE000CV8A724	AEX 630C 0319Z	EUR	0,0730	0,0750	0,0730			0,0750					
Warrant	DE000CV8A765	AEX 630P 0319Z	EUR	6,5450	6,5450	6,1850			6,1850					
Warrant	NL0012467914	AEX 634SPSOPENG	EUR	13,8600	13,8600	13,4800	1386,0000	1	13,4800	100				
Warrant	DE000CV8A7A3	AEX 640C 0619Z	EUR	0,1030	0,1040	0,1030			0,1040					
Warrant	NL0012470363	AEX 641SPSOPENG	EUR	14,1400	14,1400	14,1400			14,1400					
Warrant	NL0012470371	AEX 647SPSOPENG	EUR	14,8100	14,8100	14,8100			14,8100					
Warrant	NL0012470389	AEX 654SPSOPENG	EUR	15,4900	15,4900	15,4900			15,4900					
Warrant	NL0012819007	AEX 660SPSOPENG	EUR	16,1600	16,1600	16,1600			16,1600					
Warrant	NL0012819015	AEX 667SPSOPENG	EUR	16,8400	16,8400	16,8400			16,8400					
Warrant	NL0012820328	AEX 674SPSOPENG	EUR	17,5300	17,5300	17,5300			17,5300					
Warrant	NL0012825533	AEX 698SPSOPENG	EUR	19,9900	19,9900	19,9900			19,9900					
Warrant	NL0012825541	AEX 708SPSOPENG	EUR	21,0700	21,0700	21,0700			21,0700					
Warrant	NL0010215570	AEX 271.SPLOPENG	EUR	24,1700	24,1700	24,1700			24,1700					
Warrant	NL0011620398	AEX 365.SPLOPENG	EUR	14,8300	14,8300	14,8300			14,8300					
Warrant	NL0011622477	AEX 382.SPLOPENG	EUR	13,1300	13,1300	13,1300			13,1300					
Warrant	NL0011845003	AEX 395.SPLOPENG	EUR	11,8200	11,8300	11,8200	862,8600	1	11,8300	73				
Warrant	NL0011848197	AEX 406.SPLOPENG	EUR	10,7300	10,7300	10,7300			10,7300					
Warrant	NL0011859855	AEX 423.SPLOPENG	EUR	9,0300	9,0300	9,0300			9,0300					
Warrant	NL0012062517	AEX 455.SPLOPENG	EUR	5,8300	5,8300	5,8300			5,8300					
Warrant	NL0012067250	AEX 475.SPLOPENG	EUR	3,8300	3,8300	3,8300			3,8300					
Warrant	NL0012079248	AEX 497.SPLOPENG	EUR	0,8100	1,7300	0,8100	5118,3200	3	1,6300	4551				
Warrant	NL0012478580	AEX 510.SPLOPENG	EUR											
Warrant	NL0012832927	AEX 514.SPLOPENG	EUR											
Warrant	NL0012833438	AEX 526.SPLOPENG	EUR	1,5400	1,5400	1,5400			1,5400					
Warrant	NL0012832414	AEX 529.SPLOPENG	EUR											
Warrant	NL0012833461	AEX 530.SPLOPENG	EUR	1,9500	1,9500	1,9500			1,9500					
Warrant	NL0012480461	AEX 534.SPLOPENG	EUR											
Warrant	NL0012833495	AEX 534.SPLOPENG	EUR	2,3500	2,3500	2,3500			2,3500					
Warrant	NL0012830608	AEX 538.SPLOPENG	EUR											
Warrant	NL0012830830	AEX 542.SPLOPENG	EUR											
Warrant	NL0012824544	AEX 549.SPLOPENG	EUR											
Warrant	NL0012825673	AEX 559.SPLOPENG	EUR											
Warrant	NL0012827380	AEX 570.SPLOPENG	EUR	5,9600	5,9600	5,9600			5,9600					
Warrant	NL0012818926	AEX 573.SPLOPENG	EUR	6,1400	6,2500	6,1400	2456,0000	1	6,2500	400				
Warrant	NL0012463186	AEX 608.SPLOPENG	EUR	9,7500	9,7500	9,7500			9,7500					
Warrant	NL0012464499	AEX 624.SPLOPENG	EUR	11,3500	11,3500	11,3500			11,3500					
Warrant	NL0012468086	AEX 632.SPLOPENG	EUR	12,1500	12,1500	12,1500			12,1500					
Warrant	NL0012480925	AEX 655.SPLOPENG	EUR	14,4500	14,4500	14,4500			14,4500					
Warrant	NL0012825327	AEX 660.SPLOPENG	EUR	14,9500	14,9500	14,9500			14,9500					
Warrant	NL0010209805	AEX 257.3SPLOPENG	EUR	25,5300	25,5300	25,5300			25,5300					
Warrant	NL0010209797	AEX 263.8SPLOPENG	EUR	24,8800	24,8800	24,8800			24,8800					
Warrant	NL0010215455	AEX 267.4SPLOPENG	EUR	24,5300	24,5300	24,5300			24,5300					
Warrant	NL0010215893	AEX 274.6SPLOPENG	EUR	23,8100	23,8100	23,8100			23,8100					
Warrant	NL0010351003	AEX 281.9SPLOPENG	EUR	23,0700	23,0700	23,0700			23,0700					
Warrant	NL0010466090	AEX 285.6SPLOPENG	EUR	22,7000	22,7000	22,7000			22,7000					
Warrant	NL0010466082	AEX 289.3SPLOPENG	EUR	22,3300	22,3300	22,3300			22,3300					
Warrant	NL0010467734	AEX 296.8SPLOPENG	EUR	21,5900	21,5900	21,5900			21,5900					



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
Warrant	NL0010467726	AEX 300.6SPLOPENG	EUR	21,2100	21,2100	21,2100			21,2100					
Warrant	NL0010468369	AEX 304.5SPLOPENG	EUR	20,8300	20,8300	20,8300			20,8300					
Warrant	NL0010468351	AEX 308.3SPLOPENG	EUR	20,4400	20,4400	20,4400			20,4400					
Warrant	NL0010468880	AEX 312.3SPLOPENG	EUR	20,0700	20,0700	20,0700			20,0700					
Warrant	NL0010526075	AEX 316.2SPLOPENG	EUR	19,6600	19,6600	19,6600			19,6600					
Warrant	NL0010535258	AEX 320.2SPLOPENG	EUR	19,2700	19,2700	19,2700			19,2700					
Warrant	NL0010543864	AEX 322.2SPLOPENG	EUR	19,0700	19,0700	19,0700			19,0700					
Warrant	NL0010545448	AEX 323.2SPLOPENG	EUR	18,9700	18,9700	18,9700			18,9700					
Warrant	NL0010544573	AEX 324.3SPLOPENG	EUR	18,8700	18,8700	18,8700			18,8700					
Warrant	NL0010829800	AEX 325.3SPLOPENG	EUR	18,7600	18,7600	18,7600			18,7600					
Warrant	NL0010829792	AEX 326.3SPLOPENG	EUR	18,6700	18,6700	18,6700			18,6700					
Warrant	NL0010829784	AEX 327.3SPLOPENG	EUR	18,5700	18,5700	18,5700			18,5700					
Warrant	NL0010829776	AEX 328.3SPLOPENG	EUR	18,4700	18,4700	18,4700			18,4700					
Warrant	NL0010829768	AEX 329.3SPLOPENG	EUR	18,4100	18,4100	18,4100			18,4100					
Warrant	NL0010829750	AEX 330.3SPLOPENG	EUR	18,2800	18,2800	18,2800			18,2800					
Warrant	NL0010829743	AEX 331.3SPLOPENG	EUR	18,1600	18,1600	18,1600			18,1600					
Warrant	NL0010938247	AEX 333.3SPLOPENG	EUR	17,9600	17,9600	17,9600			17,9600					
Warrant	NL0010938239	AEX 334.3SPLOPENG	EUR	17,8600	17,8600	17,8600			17,8600					
Warrant	NL0010938866	AEX 335.3SPLOPENG	EUR	17,7800	17,7800	17,7800			17,7800					
Warrant	NL0010938858	AEX 336.4SPLOPENG	EUR	17,6800	17,6800	17,6800			17,6800					
Warrant	NL0010938841	AEX 337.4SPLOPENG	EUR	17,5900	17,5900	17,5900			17,5900					
Warrant	NL0010938833	AEX 338.4SPLOPENG	EUR	17,4900	17,4900	17,4900			17,4900					
Warrant	NL0010938825	AEX 339.4SPLOPENG	EUR	17,3900	17,3900	17,3900			17,3900					
Warrant	NL0010938817	AEX 340.5SPLOPENG	EUR	17,2900	17,2900	17,2900			17,2900					
Warrant	NL0010938809	AEX 341.5SPLOPENG	EUR	17,1800	17,1800	17,1800			17,1800					
Warrant	NL0010938791	AEX 342.5SPLOPENG	EUR	17,0800	17,0800	17,0800			17,0800					
Warrant	NL0010939435	AEX 343.6SPLOPENG	EUR	16,9800	16,9800	16,9800			16,9800					
Warrant	NL0011619879	AEX 345.6SPLOPENG	EUR	16,7800	16,7800	16,7800			16,7800					
Warrant	NL0011619861	AEX 348.6SPLOPENG	EUR	16,4800	16,4800	16,4800			16,4800					
Warrant	NL0011619853	AEX 351.6SPLOPENG	EUR	16,1700	16,1700	16,1700			16,1700					
Warrant	NL0011619846	AEX 355.7SPLOPENG	EUR	15,7700	15,7700	15,7700			15,7700					
Warrant	NL0011619838	AEX 357.7SPLOPENG	EUR	15,5600	15,5600	15,5600			15,5600					
Warrant	NL0011619820	AEX 359.8SPLOPENG	EUR	15,3500	15,3500	15,3500			15,3500					
Warrant	NL0011619812	AEX 361.8SPLOPENG	EUR	15,1500	15,1500	15,1500			15,1500					
Warrant	NL0011620026	AEX 362.9SPLOPENG	EUR	15,0400	15,0400	15,0400			15,0400					
Warrant	NL0011620380	AEX 367.1SPLOPENG	EUR	14,6300	14,6300	14,6300			14,6300					
Warrant	NL0011620372	AEX 368.1SPLOPENG	EUR	14,5200	14,5200	14,5200			14,5200					
Warrant	NL0011620364	AEX 369.2SPLOPENG	EUR	14,4100	14,4100	14,4100			14,4100					
Warrant	NL0011620588	AEX 372.3SPLOPENG	EUR	14,1000	14,1000	14,1000			14,1000					
Warrant	NL0011622527	AEX 373.4SPLOPENG	EUR	13,9900	13,9900	13,9900			13,9900					
Warrant	NL0011622519	AEX 375.5SPLOPENG	EUR	13,7800	13,7800	13,7800			13,7800					
Warrant	NL0011622501	AEX 377.7SPLOPENG	EUR	13,5700	13,5700	13,5700			13,5700					
Warrant	NL0011622493	AEX 379.8SPLOPENG	EUR	13,3500	13,3500	13,3500			13,3500					
Warrant	NL0011622485	AEX 380.9SPLOPENG	EUR	13,2400	13,2400	13,2400			13,2400					
Warrant	NL0011622469	AEX 383.1SPLOPENG	EUR	13,0200	13,0200	13,0200			13,0200					
Warrant	NL0011844808	AEX 385.2SPLOPENG	EUR	12,8100	12,8100	12,8100			12,8100					
Warrant	NL0011845037	AEX 387.4SPLOPENG	EUR	12,5900	12,5900	12,5900			12,5900					
Warrant	NL0011845029	AEX 389.5SPLOPENG	EUR	12,3800	12,3800	12,3800			12,3800					
Warrant	NL0011845011	AEX 392.8SPLOPENG	EUR	12,0500	12,0500	12,0500			12,0500					
Warrant	NL0011847256	AEX 396.1SPLOPENG	EUR	11,7200	11,7200	11,7200			11,7200					
Warrant	NL0011847249	AEX 397.2SPLOPENG	EUR	11,6100	11,6100	11,6100			11,6100					
Warrant	NL0011847751	AEX 398.2SPLOPENG	EUR	11,5100	11,5100	11,5100			11,5100					
Warrant	NL0011847744	AEX 400.4SPLOPENG	EUR	11,2900	11,2900	11,2900			11,2900					
Warrant	NL0011847736	AEX 401.6SPLOPENG	EUR	11,1800	11,1800	11,1800			11,1800					
Warrant	NL0011847728	AEX 402.7SPLOPENG	EUR	11,0600	11,0600	11,0600			11,0600					
Warrant	NL0011847710	AEX 403.8SPLOPENG	EUR	10,9500	10,9500	10,9500			10,9500					
Warrant	NL0011848205	AEX 404.9SPLOPENG	EUR	10,8400	10,8400	10,8400			10,8400					
Warrant	NL0011848189	AEX 408.3SPLOPENG	EUR	10,4800	10,5000	10,4800	3144,0000	1	10,5000	300				
Warrant	NL0011620554	AEX 409.3SPLOPENG	EUR											
Warrant	NL0011848171	AEX 410.5SPLOPENG	EUR	10,2800	10,2800	10,2800			10,2800					
Warrant	NL0011848163	AEX 411.7SPLOPENG	EUR	10,1700	10,1700	10,1700			10,1700					
Warrant	NL0011848478	AEX 412.8SPLOPENG	EUR	10,0500	10,0500	10,0500			10,0500					
Warrant	NL0011850664	AEX 413.9SPLOPENG	EUR	9,9400	9,9400	9,9400			9,9400					
Warrant	NL0011859889	AEX 416.1SPLOPENG	EUR	9,7200	9,7200	9,7200			9,7200					
Warrant	NL0011859871	AEX 418.4SPLOPENG	EUR	9,1800	9,4900	9,1800	18480,0000	4	9,4900	2000				
Warrant	NL0011617550	AEX 419.4SPLOPENG	EUR											
Warrant	NL0011859863	AEX 420.7SPLOPENG	EUR	9,2600	9,2600	9,2600			9,2600					
Warrant	NL0011860812	AEX 424.1SPLOPENG	EUR	9,1000	9,1000	8,9200	910,0000	1	8,9200	100				
Warrant	NL0011862115	AEX 425.3SPLOPENG	EUR	8,8000	8,8000	8,8000			8,8000					
Warrant	NL0011862107	AEX 426.4SPLOPENG	EUR	8,6900	8,6900	8,6900			8,6900					
Warrant	NL0011862354	AEX 427.6SPLOPENG	EUR	8,5700	8,5700	8,5700			8,5700					
Warrant	NL0011862347	AEX 428.8SPLOPENG	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
Warrant	NL0011862339	AEX 429.9SPLOPENG	EUR	7,8200	8,3400	7,8200	492,6600	1	8,3400	63				
Warrant	NL0011862321	AEX 431.1SPLOPENG	EUR	8,2200	8,2200	8,2200			8,2200					
Warrant	NL0011862313	AEX 432.3SPLOPENG	EUR	8,1000	8,1000	8,1000			8,1000					
Warrant	NL0011862743	AEX 433.4SPLOPENG	EUR	7,9900	7,9900	7,9900			7,9900					
Warrant	NL0011862735	AEX 434.6SPLOPENG	EUR	7,8600	7,8600	7,8600			7,8600					
Warrant	NL0011862925	AEX 435.7SPLOPENG	EUR	7,7600	7,7600	7,7600			7,7600					
Warrant	NL0011862917	AEX 436.9SPLOPENG	EUR	7,6400	7,6400	7,6400			7,6400					
Warrant	NL0011862909	AEX 438.1SPLOPENG	EUR	7,5200	7,5200	7,5200			7,5200					
Warrant	NL0011863097	AEX 439.3SPLOPENG	EUR	7,4000	7,4000	7,4000			7,4000					
Warrant	NL0012061519	AEX 440.5SPLOPENG	EUR	7,2800	7,2800	7,2800			7,2800					
Warrant	NL0012061501	AEX 441.7SPLOPENG	EUR	7,1600	7,1600	7,1600			7,1600					
Warrant	NL0012061493	AEX 442.9SPLOPENG	EUR	7,0400	7,0400	7,0400			7,0400					
Warrant	NL0012061485	AEX 444.1SPLOPENG	EUR	6,9300	6,9300	6,9300			6,9300					
Warrant	NL0012061634	AEX 445.3SPLOPENG	EUR	6,8000	6,8000	6,8000			6,8000					
Warrant	NL0011859848	AEX 445.4SPLOPENG	EUR											
Warrant	NL0011853114	AEX 446.2SPLOPENG	EUR											
Warrant	NL0012061881	AEX 446.5SPLOPENG	EUR	6,6800	6,6800	6,6800			6,6800					
Warrant	NL0011859830	AEX 446.6SPLOPENG	EUR											
Warrant	NL0011853106	AEX 447.3SPLOPENG	EUR											
Warrant	NL0012062244	AEX 447.7SPLOPENG	EUR	6,5600	6,5600	6,5600			6,5600					
Warrant	NL0011859822	AEX 447.7SPLOPENG	EUR											
Warrant	NL0011853239	AEX 448.4SPLOPENG	EUR											
Warrant	NL0012062236	AEX 448.9SPLOPENG	EUR	6,4400	6,4400	6,4400			6,4400					
Warrant	NL0011853668	AEX 449.6SPLOPENG	EUR											
Warrant	NL0012062368	AEX 450.1SPLOPENG	EUR	6,3200	6,3200	6,3200			6,3200					
Warrant	NL0011853650	AEX 450.7SPLOPENG	EUR											
Warrant	NL0012062350	AEX 452.6SPLOPENG	EUR	6,0700	6,0700	6,0700			6,0700					
Warrant	NL0012062525	AEX 453.8SPLOPENG	EUR	5,9500	5,9500	5,9500			5,9500					
Warrant	NL0011357348	AEX 455.9SPLOPENG	EUR											
Warrant	NL0012065619	AEX 456.3SPLOPENG	EUR	5,7100	5,7100	5,7100			5,7100					
Warrant	NL0012065601	AEX 458.7SPLOPENG	EUR	5,4600	5,4600	5,4600			5,4600					
Warrant	NL0012065593	AEX 461.2SPLOPENG	EUR	5,2100	5,2100	5,2100			5,2100					
Warrant	NL0012065585	AEX 462.4SPLOPENG	EUR	5,0900	5,0900	5,0900			5,0900					
Warrant	NL0012066047	AEX 463.7SPLOPENG	EUR	4,9600	4,9600	4,9600			4,9600					
Warrant	NL0012066039	AEX 464.9SPLOPENG	EUR	4,0800	4,8400	4,0800	5477,6000	3	4,8400	1246				
Warrant	NL0012066021	AEX 466.2SPLOPENG	EUR	4,7100	4,7100	4,7100			4,7100					
Warrant	NL0012066328	AEX 467.4SPLOPENG	EUR	4,5900	4,5900	4,5900			4,5900					
Warrant	NL0012066310	AEX 468.7SPLOPENG	EUR	3,6400	4,6200	3,6400	2662,6200	4	4,4600	708				
Warrant	NL0012066740	AEX 469.9SPLOPENG	EUR	4,3400	4,3400	4,3400			4,3400					
Warrant	NL0012066732	AEX 472.5SPLOPENG	EUR	4,0800	4,0800	4,0800			4,0800					
Warrant	NL0012066955	AEX 473.7SPLOPENG	EUR	3,7400	4,0500	3,7400	1947,5000	2	3,9600	500				
Warrant	NL0012067854	AEX 476.3SPLOPENG	EUR	3,1800	3,7000	3,1800	765,6000	2	3,7000	240				
Warrant	NL0012067847	AEX 478.8SPLOPENG	EUR	2,9900	3,5500	2,9900	1451,0000	3	3,4500	460				
Warrant	NL0012067839	AEX 481.4SPLOPENG	EUR	3,1900	3,1900	3,1900			3,1900					
Warrant	NL0012067821	AEX 482.7SPLOPENG	EUR	3,0600	3,0600	3,0600			3,0600					
Warrant	NL0012068597	AEX 485.3SPLOPENG	EUR	2,8000	2,8000	2,8000			2,8000					
Warrant	NL0012068720	AEX 486.6SPLOPENG	EUR	1,9200	2,6700	1,8600	23728,7600	8	2,6700	11394				
Warrant	NL0012069371	AEX 487.9SPLOPENG	EUR	1,7300	2,5400	1,7300	1552,0000	3	2,5400	800				
Warrant	NL0012069926	AEX 489.2SPLOPENG	EUR	1,6500	2,4100	1,6500	321,7500	1	2,4100	195				
Warrant	NL0012070080	AEX 490.5SPLOPENG	EUR	1,4700	2,4000	1,4700	6558,4000	12	2,2800	3946				
Warrant	NL0012070502	AEX 491.8SPLOPENG	EUR	1,4000	2,2800	1,3600	21884,9000	17	2,1500	10851				
Warrant	NL0012076046	AEX 493.1SPLOPENG	EUR	1,2700	2,0200	1,2700	2949,8300	3	2,0200	1934				
Warrant	NL0012076038	AEX 494.4SPLOPENG	EUR	1,8900	1,8900	1,8900			1,8900					
Warrant	NL0012076020	AEX 495.7SPLOPENG	EUR	1,7600	1,7600	1,7600			1,7600					
Warrant	NL0012079230	AEX 498.3SPLOPENG	EUR	0,7800	1,6000	0,7800	59,5000	2	1,5100	50				
Warrant	NL0012079982	AEX 499.6SPLOPENG	EUR	0,5400	1,4500	0,5400	1207,9000	6	1,3800	1185				
Warrant	NL0012079974	AEX 500.9SPLOPENG	EUR	0,4100	1,3800	0,4100	8732,0000	14	1,2200	7960				
Warrant	NL0012079966	AEX 502.2SPLOPENG	EUR	0,3500	1,2500	0,3500	2723,2500	7	1,1100	3225				
Warrant	NL0012079958	AEX 503.5SPLOPENG	EUR	0,1600	1,1000	0,1600	42671,5000	65	0,9600	52905				
Warrant	NL0012080279	AEX 504.8SPLOPENG	EUR											
Warrant	NL0012473383	AEX 506.1SPLOPENG	EUR											
Warrant	NL0012478051	AEX 507.4SPLOPENG	EUR											
Warrant	NL0012478598	AEX 508.8SPLOPENG	EUR											
Warrant	NL0012478572	AEX 511.4SPLOPENG	EUR											
Warrant	NL0012478564	AEX 512.7SPLOPENG	EUR											
Warrant	NL0012478556	AEX 513.9SPLOPENG	EUR											
Warrant	NL0012832919	AEX 515.2SPLOPENG	EUR											
Warrant	NL0012478549	AEX 515.2SPLOPENG	EUR											
Warrant	NL0012832901	AEX 516.5SPLOPENG	EUR											
Warrant	NL0012478531	AEX 516.5SPLOPENG	EUR											
Warrant	NL0012832893	AEX 517.8SPLOPENG	EUR											
Warrant	NL0012478523	AEX 517.8SPLOPENG	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	NL0012832885	AEX 519.1SPLOPENG	EUR											
Warrant	NL0012479323	AEX 519.1SPLOPENG	EUR											
Warrant	NL0012479638	AEX 520.5SPLOPENG	EUR											
Warrant	NL0012479620	AEX 521.8SPLOPENG	EUR											
Warrant	NL0012479612	AEX 523.2SPLOPENG	EUR											
Warrant	NL0012479752	AEX 524.5SPLOPENG	EUR											
Warrant	NL0012833420	AEX 524.7SPSOPENG	EUR	2,1700	2,1700	1,2500	12883,1500	15	1,4100	8397				
Warrant	NL0012479810	AEX 525.9SPLOPENG	EUR											
Warrant	NL0012064471	AEX 526.5SPSOPENG	EUR											
Warrant	NL0012479802	AEX 527.2SPLOPENG	EUR											
Warrant	NL0012833446	AEX 527.3SPSOPENG	EUR	1,6800	1,6800	1,6800			1,6800					
Warrant	NL0012064752	AEX 527.5SPSOPENG	EUR											
Warrant	NL0012479794	AEX 528.5SPLOPENG	EUR											
Warrant	NL0012833453	AEX 528.6SPSOPENG	EUR	1,8100	1,8100	1,8100			1,8100					
Warrant	NL0012479786	AEX 529.9SPLOPENG	EUR											
Warrant	NL0012479778	AEX 531.2SPLOPENG	EUR											
Warrant	NL0012833479	AEX 531.3SPSOPENG	EUR	2,0800	2,0800	2,0800			2,0800					
Warrant	NL0012832422	AEX 531.6SPSOPENG	EUR											
Warrant	NL0012480479	AEX 532.6SPLOPENG	EUR											
Warrant	NL0012833487	AEX 532.6SPSOPENG	EUR	2,2100	2,2100	2,2100			2,2100					
Warrant	NL0012480453	AEX 534.7SPLOPENG	EUR											
Warrant	NL0012830624	AEX 535.3SPLOPENG	EUR											
Warrant	NL0012832430	AEX 535.3SPSOPENG	EUR	3,2700	3,2700	2,3300	34256,7100	35	2,4700	12704				
Warrant	NL0012480446	AEX 536.1SPLOPENG	EUR											
Warrant	NL0012830616	AEX 536.6SPLOPENG	EUR											
Warrant	NL0012481048	AEX 538.1SPLOPENG	EUR											
Warrant	NL0012830855	AEX 539.3SPLOPENG	EUR											
Warrant	NL0012481030	AEX 539.4SPLOPENG	EUR											
Warrant	NL0012832448	AEX 539.4SPSOPENG	EUR	2,8900	2,8900	2,8900			2,8900					
Warrant	NL0012830848	AEX 540.7SPLOPENG	EUR											
Warrant	NL0012818942	AEX 540.8SPLOPENG	EUR											
Warrant	NL0012833024	AEX 540.9SPSOPENG	EUR	3,0400	3,0400	3,0400			3,0400					
Warrant	NL0012823637	AEX 542.1SPLOPENG	EUR											
Warrant	NL0012833032	AEX 542.9SPSOPENG	EUR	3,2400	3,2400	3,2400			3,2400					
Warrant	NL0012823629	AEX 543.5SPLOPENG	EUR											
Warrant	NL0012823983	AEX 544.8SPLOPENG	EUR											
Warrant	NL0012832455	AEX 544.8SPSOPENG	EUR	4,0600	4,0600	3,4300	507,5000	1	3,4300	125				
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	NL0012831739	AEX 547.6SPSOPENG	EUR	4,2800	4,2800	3,7100	807,0000	2	3,7100	200				
Warrant	NL0012828826	AEX 548.9SPSOPENG	EUR											
Warrant	NL0012833040	AEX 549.2SPSOPENG	EUR	3,8700	3,8700	3,8700			3,8700					
Warrant	NL0012828289	AEX 550.3SPLOPENG	EUR											
Warrant	NL0012828834	AEX 550.3SPSOPENG	EUR											
Warrant	NL0012824536	AEX 550.4SPLOPENG	EUR											
Warrant	NL0012828842	AEX 551.5SPSOPENG	EUR											
Warrant	NL0012828503	AEX 551.7SPLOPENG	EUR											
Warrant	NL0012831747	AEX 551.7SPSOPENG	EUR	4,9200	4,9200	3,9900	2028,8000	7	4,1200	480				
Warrant	NL0012824908	AEX 551.9SPLOPENG	EUR											
Warrant	NL0012828859	AEX 552.8SPSOPENG	EUR											
Warrant	NL0012824890	AEX 553.3SPLOPENG	EUR											
Warrant	NL0012828867	AEX 554.1SPSOPENG	EUR											
Warrant	NL0012828875	AEX 554.5SPSOPENG	EUR	4,9700	5,0300	4,3900	87,5400	3	4,3900	18				
Warrant	NL0012824882	AEX 554.7SPLOPENG	EUR											
Warrant	NL0012828883	AEX 555.9SPSOPENG	EUR	4,5500	4,5500	4,5500			4,5500					
Warrant	NL0012825285	AEX 556.1SPLOPENG	EUR											
Warrant	NL0012828891	AEX 557.3SPSOPENG	EUR	4,6800	4,6800	4,6800			4,6800					
Warrant	NL0012825301	AEX 557.5SPLOPENG	EUR											
Warrant	NL0012828909	AEX 558.7SPSOPENG	EUR	4,8000	4,9600	4,7500	19405,0000	5	4,8200	4000				
Warrant	NL0012828917	AEX 560.1SPSOPENG	EUR	5,4000	5,4000	4,9600	689,7400	2	4,9600	128				
Warrant	NL0012825665	AEX 560.4SPLOPENG	EUR											
Warrant	NL0012828925	AEX 561.5SPSOPENG	EUR	5,1000	5,1000	5,1000			5,1000					
Warrant	NL0012826473	AEX 561.8SPLOPENG	EUR											
Warrant	NL0012828933	AEX 562.9SPSOPENG	EUR	5,2500	5,2500	5,2500			5,2500					
Warrant	NL0012827349	AEX 564.3SPSOPENG	EUR	6,1100	6,1100	5,2500	51856,0000	11	5,3800	9600				
Warrant	NL0012827356	AEX 565.8SPSOPENG	EUR	5,5400	5,5400	5,5400			5,5400					
Warrant	NL0012827364	AEX 567.2SPSOPENG	EUR	5,6700	5,6700	5,6700			5,6700					
Warrant	NL0012827372	AEX 568.6SPSOPENG	EUR	5,8100	5,8100	5,8100			5,8100					
Warrant	NL0012818918	AEX 571.5SPSOPENG	EUR	6,1000	6,1000	6,1000			6,1000					
Warrant	NL0012071948	AEX 574.4SPSOPENG	EUR	6,2100	6,3800	6,2100	6,2100	1	6,3800	1				



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012818900	AEX 575.3SPSOPENG	EUR											
Warrant	NL0012072805	AEX 584.95SPSOPENG	EUR	7,4300	7,4300	7,4300			7,4300					
Warrant	NL0012073845	AEX 595.65SPSOPENG	EUR	8,5100	8,5100	8,5100			8,5100					
Warrant	NL0012078257	AEX 600.25SPSOPENG	EUR	8,9700	8,9700	8,9700			8,9700					
Warrant	NL0012463160	AEX 601.85SPSOPENG	EUR	9,1300	9,1300	9,1300			9,1300					
Warrant	NL0012463178	AEX 604.95SPSOPENG	EUR	9,4400	9,4400	9,4400			9,4400					
Warrant	NL0012463517	AEX 611.35SPSOPENG	EUR	10,0800	10,0800	10,0800			10,0800					
Warrant	NL0012463525	AEX 614.55SPSOPENG	EUR	10,4000	10,4000	10,4000			10,4000					
Warrant	NL0012463665	AEX 619.25SPSOPENG	EUR	10,8700	10,8700	10,8700			10,8700					
Warrant	NL0012464507	AEX 627.25SPSOPENG	EUR	11,6700	11,6700	11,6700			11,6700					
Warrant	NL0012470074	AEX 635.35SPSOPENG	EUR	12,4800	12,4800	12,4800			12,4800					
Warrant	NL0012470538	AEX 638.55SPSOPENG	EUR	12,8000	12,8000	12,8000			12,8000					
Warrant	NL0012470546	AEX 641.85SPSOPENG	EUR	13,1300	13,1300	13,1300			13,1300					
Warrant	NL0012471254	AEX 645.15SPSOPENG	EUR	13,4600	13,4600	13,4600			13,4600					
Warrant	NL0012471262	AEX 648.45SPSOPENG	EUR	13,7900	13,7900	13,7900			13,7900					
Warrant	NL0012480917	AEX 651.75SPSOPENG	EUR	14,1200	14,1200	14,1200			14,1200					
Warrant	NL0012825319	AEX 656.75SPSOPENG	EUR	14,6200	14,6200	14,6200			14,6200					
Warrant	NL0012826481	AEX 663.35SPSOPENG	EUR	15,2800	15,2800	15,2800			15,2800					
Warrant	NL0009901826	AGEAS 0.71SPLOPENG	EUR	4,3000	4,3000	4,3000			4,3000					
Warrant	NL0010206389	AGEAS 8.16SPLOPENG	EUR	3,6100	3,6400	3,6100			3,6400					
Warrant	NL0010211785	AGEAS 9.49SPLOPENG	EUR	3,5000	3,5300	3,5000			3,5300					
Warrant	NL0010217345	AGEAS10.92SPLOPENG	EUR	3,3700	3,4000	3,3700			3,4000					
Warrant	NL0010361176	AGEAS17.61SPLOPENG	EUR	27,3900	27,7000	27,3900			27,7000					
Warrant	NL0010941076	AGEAS19.34SPLOPENG	EUR	25,8200	26,1300	25,8200			26,1300					
Warrant	NL0010949459	AGEAS21.19SPLOPENG	EUR	24,1300	24,4400	24,1300			24,4400					
Warrant	NL0011014410	AGEAS23.18SPLOPENG	EUR	22,3400	22,6500	22,3400			22,6500					
Warrant	NL0011028964	AGEAS25.31SPLOPENG	EUR	20,4000	20,7100	20,4000			20,7100					
Warrant	NL0012063168	AGEAS31.91SPLOPENG	EUR	14,4000	14,7100	14,4000			14,7100					
Warrant	NL0012470629	AGEAS36.85SPLOPENG	EUR	9,9100	10,2200	9,9100			10,2200					
Warrant	NL0012477327	AGEAS39.55SPLOPENG	EUR	7,4400	7,7500	7,4400			7,7500					
Warrant	NL0012825947	AGEAS42.32SPLOPENG	EUR	4,9200	5,2300	4,9200			5,2300					
Warrant	NL0009884725	AGFA 1SPLOPENG	EUR	2,9300	2,9900	2,9300			2,9900					
Warrant	NL0009884881	AGFA 0.95SPLOPENG	EUR	3,0600	3,1100	3,0600			3,1100					
Warrant	NL0012469688	AGFA 5.45SPSOPENG	EUR	2,2400	2,2400	2,1800			2,1800					
Warrant	NL0010465951	AGFA 1.48SPLOPENG	EUR	2,4900	2,5400	2,4900			2,5400					
Warrant	NL0010596326	AGFA 1.77SPLOPENG	EUR	2,2200	2,2700	2,2200			2,2700					
Warrant	NL0011208368	AGFA 2.13SPLOPENG	EUR	1,9000	1,9500	1,9000			1,9500					
Warrant	NL0011201702	AGFA 2.32SPLOPENG	EUR	1,6800	1,7400	1,6800			1,7400					
Warrant	NL0011366935	AGFA 2.54SPLOPENG	EUR	1,5200	1,5700	1,5200			1,5700					
Warrant	NL0012468912	AGFA 2.77SPLOPENG	EUR	1,2900	1,3400	1,2900			1,3400					
Warrant	NL0012820633	AGFA 3.03SPLOPENG	EUR	1,0800	1,1300	1,0800			1,1300					
Warrant	NL0012823058	AGFA 3.31SPLOPENG	EUR	0,8300	0,8800	0,8300			0,8800					
Warrant	NL0012823041	AGFA 3.59SPLOPENG	EUR											
Warrant	NL0012828743	AGFA 3.61SPLOPENG	EUR											
Warrant	NL0012826515	AGFA 3.92SPLOPENG	EUR											
Warrant	NL0012471007	AGFA 4.32SPSOPENG	EUR	1,0500	1,0500	0,9900			0,9900					
Warrant	NL0012468920	AGFA 4.87SPSOPENG	EUR	1,6500	1,6500	1,5900			1,5900					
Warrant	NL0010353256	AHOLD 9SPLOPENG	EUR	12,2300	12,2400	12,2300			12,2400					
Warrant	DE000CV894Y8	AHOLD 18C 1218Z	EUR	2,3400	2,6550	2,3400			2,6550					
Warrant	NL0012478911	AHOLD 18SPLOPENG	EUR	3,8000	3,8000	3,8000			3,8000					
Warrant	DE000CJ3N9J5	AHOLD 20C 0319Z	EUR	1,1550	1,3750	1,1550			1,3750					
Warrant	DE000CV894Z5	AHOLD 20C 1218Z	EUR	0,8050	1,0150	0,8050			1,0150					
Warrant	DE000CV8AMT8	AHOLD 22C 1218Z	EUR	0,1250	0,2050	0,1250			0,2050					
Warrant	DE000CV8AMU6	AHOLD 24C 1218Z	EUR	0,0270	0,0490	0,0270			0,0490					
Warrant	DE000CV8AMW2	AHOLD 25C 0319Z	EUR	0,0710	0,1020	0,0710			0,1020					
Warrant	DE000CV8AMV4	AHOLD 25C 1218Z	EUR	0,0180	0,0300	0,0180			0,0300					
Warrant	NL0006420770	AHOLD 2.45SPLOPENG	EUR	18,3300	18,3300	18,3300			18,3300					
Warrant	NL00009113380	AHOLD 4.85SPLOPENG	EUR	16,0400	16,0500	16,0400			16,0500					
Warrant	NL0009882711	AHOLD 6.25SPLOPENG	EUR	14,7800	14,7800	14,7800			14,7800					
Warrant	NL0010084752	AHOLD 6.75SPLOPENG	EUR	14,3300	14,3400	14,3300			14,3400					
Warrant	NL0010345864	AHOLD 8.15SPLOPENG	EUR	13,0000	13,0100	13,0000			13,0100					
Warrant	NL0010468195	AHOLD 9.85SPLOPENG	EUR	11,4400	11,4500	11,4400			11,4500					
Warrant	NL0010940045	AHOLD 10.65SPLOPENG	EUR	10,6600	10,6700	10,6600			10,6700					
Warrant	NL0010944369	AHOLD 11.55SPLOPENG	EUR	9,7700	9,7800	9,7700			9,7800					
Warrant	NL0010947206	AHOLD 12.15SPLOPENG	EUR	8,5200	8,5300	8,5200			8,5300					
Warrant	NL0010962544	AHOLD 12.55SPLOPENG	EUR	8,8600	8,8700	8,8600			8,8700					
Warrant	NL0010968699	AHOLD 13.65SPLOPENG	EUR	7,8800	7,8900	7,8800			7,8900					
Warrant	NL0012079578	AHOLD 13.95SPLOPENG	EUR	6,7000	6,7000	6,7000			6,7000					
Warrant	NL0012079065	AHOLD 14.35SPLOPENG	EUR	6,3000	6,3100	6,3000			6,3100					
Warrant	NL0012080683	AHOLD 14.65SPLOPENG	EUR	6,9600	6,9600	6,9600			6,9600					
Warrant	NL0012465033	AHOLD 15.65SPLOPENG	EUR	5,9600	5,9700	5,9600			5,9700					
Warrant	NL0012472351	AHOLD 16.75SPLOPENG	EUR	3,8900	3,9100	3,8900	3890,0000	1	3,9100	1000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012474639	AHOLD 16.8SPLOPENG	EUR	4,9400	4,9400	4,9400			4,9400					
Warrant	NL0012821391	AHOLD 19.25PLOPENG	EUR											
Warrant	NL0012824445	AHOLD 20.65PLOPENG	EUR											
Warrant	NL0012828214	AHOLD 20.65PLOPENG	EUR											
Warrant	NL0012832232	AHOLD 20.75PSPOPENG	EUR	2,0200	2,0200	2,0100			2,0100					
Warrant	DE000C3PJ27	AHOLD 22.5C 0319Z	EUR	0,2850	0,3650	0,2850			0,3650					
Warrant	NL0012479729	AHOLD 22.85PSPOPENG	EUR	4,2500	4,2500	4,2400			4,2400					
Warrant	NL0010603734	AHOLD 8.895PLOPENG	EUR	11,7000	11,7100	11,7000			11,7100					
Warrant	NL0010589784	AHOLD 9.485PLOPENG	EUR	11,0700	11,0800	11,0700			11,0800					
Warrant	NL0010589776	AHOLD10.125PLOPENG	EUR	10,4700	10,4800	10,4700			10,4800					
Warrant	NL0010940003	AHOLD10.745PLOPENG	EUR	9,9000	9,9100	9,9000			9,9100					
Warrant	NL0010940987	AHOLD11.415PLOPENG	EUR	9,0900	9,0900	9,0900			9,0900					
Warrant	NL0010962684	AHOLD12.825PLOPENG	EUR	7,7700	7,7800	7,7700			7,7800					
Warrant	NL0010967246	AHOLD13.595PLOPENG	EUR	6,9500	6,9500	6,9500			6,9500					
Warrant	NL0012462899	AHOLD15.065PLOPENG	EUR	5,5300	5,5400	5,5300			5,5400					
Warrant	NL0012464978	AHOLD15.865PLOPENG	EUR	4,7400	4,7400	4,7400			4,7400					
Warrant	NL0012476402	AHOLD17.575PLOPENG	EUR	3,0300	3,0300	3,0300			3,0300					
Warrant	NL0012478721	AHOLD18.495PLOPENG	EUR	2,0900	2,1000	2,0500	2050,0000	1	2,1000	1000				
Warrant	NL0012820930	AHOLD19.395PLOPENG	EUR											
Warrant	NL0012833164	AHOLD19.435PLOPENG	EUR	1,1700	1,1700	1,1700			1,1700					
Warrant	NL0012823991	AHOLD20.335PLOPENG	EUR											
Warrant	NL0012827703	AHOLD20.375PLOPENG	EUR											
Warrant	NL0012830012	AHOLD20.895PSPOPENG	EUR	0,5300	0,5300	0,5200			0,5200					
Warrant	NL0011850409	AHOLD22.465PSPOPENG	EUR	2,1100	2,1100	2,1000			2,1000					
Warrant	NL0012824718	AHOLD24.035PSPOPENG	EUR	3,6800	3,6800	3,6700			3,6700					
Warrant	DE000C3PJ51	AIRFR 8C 0619Z	EUR	1,1700	1,3150	1,1700			1,3150					
Warrant	DE000CV8AMD2	AIRFR 9C 0319Z	EUR	0,5900	0,6800	0,5900			0,6800					
Warrant	DE000C3PJ79	AIRFR 9C 0619Z	EUR	0,7700	0,8900	0,7700			0,8900					
Warrant	NL0012480073	AIRFR 95PSPOPENG	EUR											
Warrant	DE000CV8APU9	AIRFR 10C 0319Z	EUR	0,3450	0,3950	0,3450			0,3950					
Warrant	NL0012470991	AIRFR 135PSPOPENG	EUR	6,4700	6,4700	6,1700			6,1700					
Warrant	NL0009885516	AIRFR 3.25PLOPENG	EUR	5,3000	5,5700	5,3000			5,5700					
Warrant	NL0010104337	AIRFR 3.75PLOPENG	EUR	4,8300	5,1000	4,8300			5,1000					
Warrant	NL0010207023	AIRFR 4.75PLOPENG	EUR	3,9500	4,2300	3,9500	806,0000	1	4,2300	200				
Warrant	NL0012826259	AIRFR 7.35PLOPENG	EUR	0,9200	1,2000	0,9200	339,0000	1	1,2000	300				
Warrant	DE000CV89556	AIRFR 7.5C 1218Z	EUR	1,0550	1,2050	1,0550			1,2050					
Warrant	NL0012819999	AIRFR 8.15PSPOPENG	EUR											
Warrant	DE000C3N898	AIRFR 8.2C 0319Z	EUR	0,9050	1,0150	0,9050			1,0150					
Warrant	DE000CV8AMB6	AIRFR 8.5C 1218Z	EUR	0,5300	0,6300	0,5300			0,6300					
Warrant	NL0010955654	AIRFR 8.55PSPOPENG	EUR											
Warrant	NL0012832364	AIRFR 8.95PSPOPENG	EUR	1,8900	1,8900	1,6000			1,6000					
Warrant	NL0012829485	AIRFR 8.95PSPOPENG	EUR											
Warrant	NL0012477913	AIRFR 9.35PSPOPENG	EUR											
Warrant	DE000CV8AMC4	AIRFR 9.5C 1218Z	EUR	0,2450	0,3050	0,2450			0,3050					
Warrant	NL0012477368	AIRFR 9.85PSPOPENG	EUR	2,8800	2,8800	2,5900			2,5900					
Warrant	DE000CV8B227	AIRFR 10.5C 1218Z	EUR	0,1200	0,1650	0,1200			0,1650					
Warrant	NL0012476295	AIRFR 10.85PSPOPENG	EUR	3,9700	3,9700	3,6700			3,6700					
Warrant	NL0012474779	AIRFR 11.95PSPOPENG	EUR	5,1600	5,1600	4,8600			4,8600					
Warrant	NL0012469423	AIRFR 13.45PSPOPENG	EUR	5,4200	5,4200	5,1300			5,1300					
Warrant	NL0011855051	AIRFR 4.225PLOPENG	EUR	4,0100	4,2800	4,0100			4,2800					
Warrant	NL0011852769	AIRFR 4.435PLOPENG	EUR	3,7900	4,0700	3,7900			4,0700					
Warrant	NL0011850557	AIRFR 4.645PLOPENG	EUR	3,5800	3,8600	3,5800			3,8600					
Warrant	NL0011857552	AIRFR 4.895PLOPENG	EUR	3,3400	3,6100	3,3400			3,6100					
Warrant	NL0012065965	AIRFR 5.145PLOPENG	EUR	3,0900	3,3600	3,0900			3,3600					
Warrant	NL0012066195	AIRFR 5.975PLOPENG	EUR	2,2600	2,5300	2,2600			2,5300					
Warrant	NL0012066799	AIRFR 6.285PLOPENG	EUR	1,9400	2,2200	1,9400			2,2200					
Warrant	NL0012067409	AIRFR 6.615PLOPENG	EUR	1,6100	1,8800	1,6100			1,8800					
Warrant	DE000CV89549	AIRFR 6.75C 1218Z	EUR	1,6100	1,7900	1,6100			1,7900					
Warrant	NL0012823777	AIRFR 6.955PLOPENG	EUR	1,2800	1,5500	1,2800			1,5500					
Warrant	NL0012826382	AIRFR 7.685PLOPENG	EUR	0,5300	0,8100	0,5300	340,0000	1	0,8100	500				
Warrant	NL0012818645	AIRFR 8.025PSPOPENG	EUR											
Warrant	NL0012826374	AIRFR 8.065PLOPENG	EUR											
Warrant	NL0012833206	AIRFR 8.075PLOPENG	EUR											
Warrant	NL0012829261	AIRFR 8.085PLOPENG	EUR											
Warrant	NL0010955191	AIRFR 8.475PSPOPENG	EUR											
Warrant	NL0012827430	AIRFR 8.485PLOPENG	EUR											
Warrant	NL0012826366	AIRFR 8.485PLOPENG	EUR											
Warrant	NL0012831879	AIRFR 8.495PLOPENG	EUR											
Warrant	NL0012830111	AIRFR 8.495PLOPENG	EUR											
Warrant	NL0012831267	AIRFR 8.495PLOPENG	EUR											
Warrant	NL0012832117	AIRFR 8.615PSPOPENG	EUR											
Warrant	NL0010753190	AIRFR 8.865PSPOPENG	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	NL0012827745	AIRFR 8.92SPLOPENG	EUR											
Warrant	NL0012829279	AIRFR 9.27SPSOPENG	EUR	1,3000	1,3000	1,0000			1,0000					
Warrant	NL0012477517	AIRFR 9.98SPSOPENG	EUR	2,0100	2,0100	1,7100				1,7100				
Warrant	NL0012474548	AIRFR10.75SPSOPENG	EUR	2,7800	2,7800	2,4800				2,4800				
Warrant	NL0012473078	AIRFR11.57SPSOPENG	EUR	3,6000	3,6000	3,3000				3,3000				
Warrant	NL0012472393	AIRFR12.45SPSOPENG	EUR	4,4800	4,4800	4,1800				4,1800				
Warrant	NL0012078448	AIRFR14.41SPSOPENG	EUR	6,4400	6,4400	6,1400				6,1400				
Warrant	NL0009879162	AKZO 7SPLOPENG	EUR	65,1200	66,8800	65,1200				66,8800				
Warrant	NL0011624648	AKZO 44SPLOPENG	EUR	30,6600	32,4200	30,6600				32,4200				
Warrant	NL0010085577	AKZO 23.45PLOPENG	EUR	49,8400	51,6000	49,8400				51,6000				
Warrant	NL0010216354	AKZO 30.45PLOPENG	EUR	43,2700	45,0300	43,2700				45,0300				
Warrant	NL0010528501	AKZO 33.65PLOPENG	EUR	40,3400	42,1000	40,3400				42,1000				
Warrant	NL0010939047	AKZO 40.45PLOPENG	EUR	33,9800	35,7400	33,9800				35,7400				
Warrant	NL0011854823	AKZO 47.7SPLOPENG	EUR	27,1800	28,9400	27,1800				28,9400				
Warrant	NL0012067979	AKZO 60.55PLOPENG	EUR	15,3300	17,0900	15,3300				17,0900				
Warrant	NL0012467773	AKZO 69.65PLOPENG	EUR	6,8900	8,6500	6,8900				8,6500				
Warrant	NL0012825202	AKZO 74.8SPLOPENG	EUR											
Warrant	NL0012476709	AKZO 83.65SPSOPENG	EUR	18,9100	18,9100	17,1100				17,1100				
Warrant	NL0010939609	AKZO 41.12SPLOPENG	EUR	30,6700	32,4300	30,6700				32,4300				
Warrant	NL0011620729	AKZO 43.68SPLOPENG	EUR	28,1000	29,8600	28,1000				29,8600				
Warrant	NL0011845540	AKZO 46.31SPLOPENG	EUR	25,4800	27,2400	25,4800				27,2400				
Warrant	NL0011850417	AKZO 49.06SPLOPENG	EUR	22,7000	24,4600	22,7000				24,4600				
Warrant	NL0012064067	AKZO 51.94SPLOPENG	EUR	19,8200	21,5800	19,8200				21,5800				
Warrant	NL0012067367	AKZO 54.95SPLOPENG	EUR	16,8000	18,5600	16,8000				18,5600				
Warrant	NL0012069538	AKZO 58.13SPLOPENG	EUR	13,6200	15,3800	13,6200				15,3800				
Warrant	NL0012071047	AKZO 62.55SPLOPENG	EUR	9,2000	10,9600	9,2000				10,9600				
Warrant	NL0012077549	AKZO 66.05SPLOPENG	EUR	5,7400	7,5000	5,7400				7,5000				
Warrant	NL0012078307	AKZO 69.69SPLOPENG	EUR	2,0900	3,8500	2,0900				3,8500				
Warrant	NL0012824726	AKZO 73.55SPLOPENG	EUR											
Warrant	NL0012825731	AKZO 77.19SPLOPENG	EUR											
Warrant	NL0012068837	AKZO 82.57SPSOPENG	EUR											
Warrant	NL0012829055	AKZO 87.78SPSOPENG	EUR	16,5200	16,5200	14,7200				14,7200				
Warrant	NL0010740171	ALPHA 4705PLOPENG	EUR	57,2300	57,2300	57,2300				57,2300				
Warrant	NL0010693289	ALPHA 506SPLOPENG	EUR	54,3200	54,3200	54,3200				54,3200				
Warrant	NL0010693305	ALPHA 541SPLOPENG	EUR	51,4300	51,4300	51,4300				51,4300				
Warrant	NL0011301734	ALPHA 579SPLOPENG	EUR	48,3300	48,3300	48,3300				48,3300				
Warrant	NL0011474739	ALPHA 662SPLOPENG	EUR	41,4800	41,4800	41,4800				41,4800				
Warrant	NL0010739884	ALPHA483.75PLOPENG	EUR	53,5900	53,5900	53,5900				53,5900				
Warrant	NL0010693339	ALPHA509.25PLOPENG	EUR	51,3500	51,3500	51,3500				51,3500				
Warrant	NL0011019039	ALPHA561.65PLOPENG	EUR	46,7400	46,7400	46,7400				46,7400				
Warrant	NL0011303540	ALPHA589.75PLOPENG	EUR	44,2700	44,2700	44,2700				44,2700				
Warrant	NL0011477195	ALPHA650.25PLOPENG	EUR	38,9500	38,9500	38,9500				38,9500				
Warrant	NL0011633052	ALPHA696.45PLOPENG	EUR											
Warrant	NL0011845565	ALPHA716.85PLOPENG	EUR	33,0900	33,0900	33,0900				33,0900				
Warrant	NL0011850094	ALPHA752.75PLOPENG	EUR	29,9300	29,9300	29,9300				29,9300				
Warrant	DE000CJ3N9N7	ALPHC 1200C 0319Z	EUR	0,2850	0,3450	0,2850				0,3450				
Warrant	DE000CJ3N9M9	ALPHC 1200C 1218Z	EUR	0,1150	0,1350	0,1150				0,1350				
Warrant	DE000CJ3N9P2	ALPHC 1250C 0319Z	EUR	0,1850	0,2250	0,1850				0,2250				
Warrant	DE000CV8AU56	ALPHC 1300C 1218Z	EUR	0,0260	0,0270	0,0260				0,0270				
Warrant	DE000CV8AJT4	ALPHC 1400C 0319Z	EUR	0,0440	0,0560	0,0440				0,0560				
Warrant	DE000CV8ASP3	ALPHC 1400C 1218Z	EUR	0,0150	0,0150	0,0150				0,0150				
Warrant	NL0012466379	ALTIA 1.35PLOPENG	EUR	3,7500	3,7600	3,7500				3,7600				
Warrant	NL0012820450	ALTIA 2.35PLOPENG	EUR											
Warrant	NL0012828206	ALTIA 2.55PLOPENG	EUR											
Warrant	NL0012466700	ALTIA 1.06SPLOPENG	EUR	5,1800	5,1800	5,1800				5,1800				
Warrant	NL0012466486	ALTIA 1.21SPLOPENG	EUR	4,1700	4,1700	4,1700				4,1700				
Warrant	NL0012467211	ALTIA 1.31SPLOPENG	EUR	4,1000	4,1100	4,1000				4,1100				
Warrant	NL0012820369	ALTIA 1.72SPLOPENG	EUR	0,4700	0,4700	0,4700				0,4700				
Warrant	NL0012820419	ALTIA 1.73SPLOPENG	EUR	0,4900	0,4900	0,4900				0,4900				
Warrant	NL0012820377	ALTIA 1.87SPLOPENG	EUR	0,3200	0,3600	0,3200	214,0000	2	0,3200	600				
Warrant	NL0012820401	ALTIA 1.99SPLOPENG	EUR	0,2700	0,3100	0,2600	310,0000	1	0,2600	1000				
Warrant	NL0012820476	ALTIA 2.02SPLOPENG	EUR	0,1400	0,1800	0,1400	850,2400	6	0,1700	4966				
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	NL0012832760	ALTIA 2.28SPLOPENG	EUR											
Warrant	NL0012831606	ALTIA 2.28SPLOPENG	EUR											
Warrant	NL0012827257	ALTIA 2.28SPLOPENG	EUR											
Warrant	NL0012826416	ALTIA 2.32SPLOPENG	EUR											
Warrant	NL0012828164	ALTIA 2.32SPLOPENG	EUR											
Warrant	NL0012831390	ALTIA 2.36SPLOPENG	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	NL0012820385	ALTIA 2.44SPLOPENG	EUR											
Warrant	NL0012827992	ALTIA 2.46SPLOPENG	EUR											
Warrant	NL0012820443	ALTIA 2.48SPLOPENG	EUR											
Warrant	NL0012828248	ALTIA 2.62SPLOPENG	EUR											
Warrant	NL0012820666	ALTIA 2.62SPLOPENG	EUR											
Warrant	NL0012829824	ALTIA 2.62SPSOPENG	EUR	0,7400	0,7400	0,7400			0,7400					
Warrant	NL0012820435	ALTIA 2.65SPLOPENG	EUR											
Warrant	NL0012827448	ALTIA 3.09SPSOPENG	EUR	1,2100	1,2100	1,2100			1,2100					
Warrant	NL0012831614	ALTIA 3.12SPSOPENG	EUR	1,4500	1,4500	1,4500			1,4500					
Warrant	NL0012824254	ALTIA 3.64SPSOPENG	EUR	1,7600	1,7600	1,7600			1,7600					
Warrant	NL0012821078	ALTIA 3.67SPSOPENG	EUR	2,0700	2,0700	2,0700			2,0700					
Warrant	NL0012823108	ALTIA 4.22SPSOPENG	EUR	2,6800	2,6800	2,6700			2,6700					
Warrant	NL0010532727	AMAZO 266SPLOPENG	EUR	132,3000	132,3000	132,3000			132,3000					
Warrant	NL0010528014	AMAZO 286SPLOPENG	EUR	130,6500	130,6500	130,6500			130,6500					
Warrant	NL0010528006	AMAZO 308SPLOPENG	EUR	128,9000	128,9000	128,9000			128,9000					
Warrant	NL0011631486	AMAZO 648SPLOPENG	EUR	101,0500	101,0500	101,0500			101,0500					
Warrant	NL0011632245	AMAZO 693SPLOPENG	EUR	97,3200	97,3200	97,3200			97,3200					
Warrant	NL0011848726	AMAZO 741SPLOPENG	EUR	93,3400	93,3400	93,3400			93,3400					
Warrant	DE000CV506Q4	AMAZO 1400C 0319Z	EUR	17,8700	17,8700	17,8700			17,8700					
Warrant	DE000CV506N1	AMAZO 1450C 0619Z	EUR	17,6900	17,6900	17,6900			17,6900					
Warrant	DE000CV506R2	AMAZO 1550C 0319Z	EUR	10,9500	12,8600	10,9500	1116,9000	1	12,8600	102				
Warrant	DE000CV506P6	AMAZO 1550C 0619Z	EUR	14,6400	14,6400	14,6400			14,6400					
Warrant	DE000CV8AJV0	AMAZO 1800C 1218Z	EUR	0,5900	0,7850	0,5900	513,3000	1	0,7850	870				
Warrant	DE000CJ3N9Q0	AMAZO 1900C 0319Z	EUR	0,7600	0,9350	0,7600			0,9350					
Warrant	DE000CV8AJW8	AMAZO 2000C 1218Z	EUR	0,1950	0,2450	0,1950			0,2450					
Warrant	DE000CV8AJX6	AMAZO 2050C 0319Z	EUR	0,4350	0,5450	0,4350			0,5450					
Warrant	DE000CV8B672	AMAZO 2200C 1218Z	EUR	0,0530	0,0620	0,0530			0,0620					
Warrant	DE000CV89572	AMG 45C 1218Z	EUR	0,1600	0,2050	0,1600			0,2050					
Warrant	DE000CV89580	AMG 50C 1218Z	EUR	0,0800	0,1050	0,0800			0,1050					
Warrant	NL0012830939	AMG 33.2SPLOPENG	EUR	5,6400	7,4200	5,6400			7,4200					
Warrant	NL0012832778	AMG 35.7SPLOPENG	EUR	3,3200	5,1000	3,3200			5,1000					
Warrant	NL0012830921	AMG 35.9SPLOPENG	EUR											
Warrant	NL0012833016	AMG 38.4SPLOPENG	EUR											
Warrant	NL0012830947	AMG 44.4SPSOPENG	EUR	11,7400	11,7400	9,8800			9,8800					
Warrant	NL0009107564	AMX 239SPLOPENG	EUR	46,8400	48,3700	46,8400			48,3700					
Warrant	NL0009111566	AMX 281SPLOPENG	EUR	42,9500	44,4800	42,9500			44,4800					
Warrant	NL0009112648	AMX 322SPLOPENG	EUR	38,9700	40,5100	38,9700			40,5100					
Warrant	NL0009905470	AMX 392SPLOPENG	EUR	32,3400	33,8700	32,3400			33,8700					
Warrant	NL0010204996	AMX 443SPLOPENG	EUR	27,5300	29,0600	27,5300			29,0600					
Warrant	NL0010362885	AMX 469SPLOPENG	EUR	24,9800	26,5100	24,9800			26,5100					
Warrant	NL0010829644	AMX 496SPLOPENG	EUR	22,4200	23,9500	22,4200			23,9500					
Warrant	NL0010830840	AMX 524SPLOPENG	EUR	19,7300	21,2600	19,7300			21,2600					
Warrant	NL0011848080	AMX 583SPLOPENG	EUR	14,1800	15,7100	14,1800			15,7100					
Warrant	NL0011861836	AMX 614SPLOPENG	EUR	11,2200	12,7600	11,2200			12,7600					
Warrant	NL0012063564	AMX 646SPLOPENG	EUR	8,1200	9,6500	8,1200			9,6500					
Warrant	NL0012065833	AMX 680SPLOPENG	EUR	4,8600	6,4900	4,8600	1168,2000	1	6,3900	180				
Warrant	NL0012070684	AMX 716SPLOPENG	EUR											
Warrant	NL0012820336	AMX 752SPLOPENG	EUR											
Warrant	NL0012074827	AMX 838SPSOPENG	EUR	18,5900	18,5900	17,0600			17,0600					
Warrant	NL0012470405	AMX 880SPSOPENG	EUR	23,0700	23,0700	21,5300			21,5300					
Warrant	NL0011850854	APPLE 102SPLOPENG	EUR	109,0500	109,0500	109,0500			109,0500					
Warrant	DE000CV896V9	APPLE 180C 1218Z	EUR	1,6950	1,7800	1,6950			1,7800					
Warrant	DE000CV896W7	APPLE 200C 1218Z	EUR	0,9650	1,0250	0,9650			1,0250					
Warrant	DE000CV8AJY4	APPLE 220C 1218Z	EUR	0,4300	0,4550	0,4300			0,4550					
Warrant	DE000CJ3N9R8	APPLE 230C 0319Z	EUR	0,4650	0,4850	0,4650			0,4850					
Warrant	DE000CJ3PJN2	APPLE 240C 0619Z	EUR	0,4950	0,5350	0,4950			0,5350					
Warrant	DE000CV8B185	APPLE 240C 1218Z	EUR	0,1350	0,1350	0,1350			0,1350					
Warrant	DE000CV8B193	APPLE 250C 0319Z	EUR	0,2050	0,2150	0,2050			0,2150					
Warrant	NL0009233741	APPLE 18.4SPLOPENG	EUR	124,2000	124,2000	124,2000			124,2000					
Warrant	NL0009239797	APPLE 21.6SPLOPENG	EUR	122,3500	122,3500	122,3500			122,3500					
Warrant	NL0009365949	APPLE 25.2SPLOPENG	EUR	120,2500	120,2500	120,2500			120,2500					
Warrant	NL0009370949	APPLE 29.2SPLOPENG	EUR	117,9500	117,9500	117,9500			117,9500					
Warrant	NL0009373935	APPLE 38.4SPLOPENG	EUR	112,7000	112,7000	112,7000			112,7000					
Warrant	NL0009760503	APPLE 42.4SPLOPENG	EUR	110,4000	110,4000	110,4000			110,4000					
Warrant	NL0009881911	APPLE 47.9SPLOPENG	EUR	107,2000	107,2000	107,2000			107,2000					
Warrant	NL0010530234	APPLE 61.3SPLOPENG	EUR	99,5600	99,5600	99,5600			99,5600					
Warrant	NL0010540159	APPLE 66.3SPLOPENG	EUR	96,6900	96,6900	96,6900			96,6900					
Warrant	NL0010677696	APPLE 70.2SPLOPENG	EUR	94,4800	94,4800	94,4800			94,4800					
Warrant	NL0010739736	APPLE 78.4SPLOPENG	EUR	89,7700	89,7700	89,7700			89,7700					
Warrant	NL0010740148	APPLE 82.8SPLOPENG	EUR	87,2400	87,2400	87,2400			87,2400					
Warrant	NL0011854252	APPLE106.3SPLOPENG	EUR	99,2700	99,2700	99,2700			99,2700					
Warrant	NL0010359477	APPLE49.33SPLOPENG	EUR	104,3500	104,3500	104,3500			104,3500					



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
Warrant	NL0010528774	APPLE58.96SPLOPENG	EUR	98,5700	98,5700	98,5700			98,5700					
Warrant	NL0010540235	APPLE65.62SPLOPENG	EUR	94,4700	94,4700	94,4700			94,4700					
Warrant	NL0010739819	APPLE77.47SPLOPENG	EUR	87,1900	87,1900	87,1900			87,1900					
Warrant	NL0010744124	APPLE86.34SPLOPENG	EUR	81,5900	81,5900	81,5900			81,5900					
Warrant	NL0010751053	APPLE91.11SPLOPENG	EUR	112,5000	112,5000	112,5000			112,5000					
Warrant	NL0009879204	APRAM 4.3SPLOPENG	EUR	28,3000	28,3000	28,3000			28,3000					
Warrant	NL0010536900	APRAM 8.3SPLOPENG	EUR	24,5800	24,5800	24,5800			24,5800					
Warrant	NL0010678835	APRAM 12.1SPLOPENG	EUR	21,1100	21,1100	21,1100			21,1100					
Warrant	NL0010683884	APRAM 13.3SPLOPENG	EUR	20,0800	20,0800	20,0800			20,0800					
Warrant	NL0010939799	APRAM 18.6SPLOPENG	EUR	15,2200	15,2200	15,2200			15,2200					
Warrant	NL0011374434	APRAM 21.9SPLOPENG	EUR	12,2500	12,2500	12,2500			12,2500					
Warrant	NL0011619762	APRAM 23.7SPLOPENG	EUR	10,6000	10,6000	10,6000			10,6000					
Warrant	NL0011848007	APRAM 28.5SPLOPENG	EUR	4,2400	4,2400	3,8000	424,0000	1		100				
Warrant	NL0011848676	APRAM 29.8SPLOPENG	EUR	5,0900	5,0900	5,0900			5,0900					
Warrant	NL0011855366	APRAM 34.5SPLOPENG	EUR											
Warrant	NL0012826010	APRAM 36.9SPLOPENG	EUR											
Warrant	NL0012831986	APRAM 36.9SPLOPENG	EUR											
Warrant	NL0010824942	APRAM15.14SPLOPENG	EUR	17,1700	17,1700	17,1700			17,1700					
Warrant	NL0010939385	APRAM18.16SPLOPENG	EUR	14,1400	14,1400	14,1400			14,1400					
Warrant	NL0011373766	APRAM20.41SPLOPENG	EUR	11,9000	11,9000	11,9000			11,9000					
Warrant	NL0011374756	APRAM22.88SPLOPENG	EUR	9,4200	9,4200	9,4200			9,4200					
Warrant	NL0011620059	APRAM24.21SPLOPENG	EUR	8,0900	8,0900	8,0900			8,0900					
Warrant	NL0011845250	APRAM27.01SPLOPENG	EUR	5,5300	5,5300	5,3000	1659,0000	1	5,3000	300				
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	APRAM40.54SPLOPENG	EUR											
Warrant	NL0012479976	APRAM42.92SPLOPENG	EUR	11,4200	11,4200	11,0900			11,0900					
Warrant	NL0012475693	APRAM46.22SPLOPENG	EUR	14,7300	14,7300	14,4000			14,4000					
Warrant	NL0012066591	APRAM49.81SPLOPENG	EUR	18,2900	18,2900	17,9600			17,9600					
Warrant	NL0012065791	APRAM53.92SPLOPENG	EUR	22,4200	22,4200	22,0900			22,0900					
Warrant	NL0011616719	ARCAD 8.9SPLOPENG	EUR	3,5700	3,5700	3,3000	331,0000	1	3,3000	100				
Warrant	NL0011859491	ARCAD 9.6SPLOPENG	EUR	2,9500	2,9500	2,6800			2,6800					
Warrant	NL0012067177	ARCAD 11.1SPLOPENG	EUR	1,5500	1,5500	1,3000	155,0000	1	1,3000	100				
Warrant	NL0012068175	ARCAD 11.9SPLOPENG	EUR											
Warrant	NL0012069009	ARCAD 12.8SPLOPENG	EUR											
Warrant	NL0012073019	ARCAD 13.8SPLOPENG	EUR											
Warrant	NL0012826028	ARCAD 14.7SPLOPENG	EUR											
Warrant	NL0012828008	ARCAD 17.4SPLOPENG	EUR	7,9600	8,2400	7,9600			8,2400					
Warrant	NL0011616057	ARCAD 21.1SPLOPENG	EUR	12,0000	12,2800	12,0000			12,2800					
Warrant	NL0011479399	ARCAD 23.3SPLOPENG	EUR	14,4600	14,7400	14,4600			14,7400					
Warrant	NL0011625520	ARCM1 18SPLOPENG	EUR	4,9900	5,8400	4,9900			5,8400					
Warrant	NL0012466239	ARCM1 23SPLOPENG	EUR											
Warrant	DE000CV89648	ARCM1 24C 1218Z	EUR	0,7000	0,7000	0,7000			0,7000					
Warrant	DE000CV88037	ARCM1 25C 0319Z	EUR	0,1950	0,1950	0,1950			0,1950					
Warrant	DE000CV89655	ARCM1 27C 1218Z	EUR	0,1950	0,1950	0,1950			0,1950					
Warrant	DE000CV8AME0	ARCM1 30C 0319Z	EUR	0,0490	0,0490	0,0490			0,0490					
Warrant	DE000CV89663	ARCM1 30C 1218Z	EUR	0,0610	0,0610	0,0610			0,0610					
Warrant	NL0012071302	ARCM1 6.9SPLOPENG	EUR											
Warrant	NL0012066211	ARCM1 8.4SPLOPENG	EUR											
Warrant	NL0011618699	ARCM1 15.2SPLOPENG	EUR	6,3500	7,2000	6,3500			7,2000					
Warrant	NL0011623038	ARCM1 15.8SPLOPENG	EUR	5,8000	6,6500	5,8000			6,6500					
Warrant	NL0011620075	ARCM1 16.1SPLOPENG	EUR	6,7600	7,6100	6,7600			7,6100					
Warrant	NL0011491105	ARCM1 16.2SPLOPENG	EUR	6,6500	7,5000	6,6500			7,5000					
Warrant	NL0011618830	ARCM1 16.5SPLOPENG	EUR	6,4000	7,2500	6,4000			7,2500					
Warrant	NL0011620299	ARCM1 16.7SPLOPENG	EUR	6,1400	6,9900	6,1400			6,9900					
Warrant	NL0011622873	ARCM1 17.1SPLOPENG	EUR	5,8500	6,7000	5,8500			6,7000					
Warrant	NL0011623483	ARCM1 17.6SPLOPENG	EUR	5,3400	6,1900	5,3400			6,1900					
Warrant	NL0011845169	ARCM1 17.6SPLOPENG	EUR	4,0000	4,8500	4,0000			4,8500					
Warrant	NL0012075402	ARCM1 18.9SPLOPENG	EUR	4,1500	5,0000	4,1500			5,0000					
Warrant	NL0012076202	ARCM1 19.9SPLOPENG	EUR	3,2700	4,1200	3,2700			4,1200					
Warrant	NL0012076194	ARCM1 20.9SPLOPENG	EUR	2,3700	2,3700	2,3700			2,3700					
Warrant	NL0012076095	ARCM1 21.2SPLOPENG	EUR											
Warrant	NL0012462659	ARCM1 21.9SPLOPENG	EUR											
Warrant	NL0012463103	ARCM1 22.9SPLOPENG	EUR											
Warrant	NL0012822951	ARCM1 24.1SPLOPENG	EUR											
Warrant	NL0012829311	ARCM1 24.2SPLOPENG	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	NL0012832240	ARCM1 25.25SPLOPENG	EUR											
Warrant	NL0012825418	ARCM1 25.35SPLOPENG	EUR											
Warrant	NL0012827604	ARCM1 25.45SPLOPENG	EUR											
Warrant	NL0012831093	ARCM1 25.45SPLOPENG	EUR											
Warrant	NL0012825566	ARCM1 25.75SPLOPENG	EUR											
Warrant	NL0012825426	ARCM1 29.15SPLOPENG	EUR	11,1600	11,1600	10,3000			10,3000					
Warrant	NL0012469597	ARCM1 31.35SPLOPENG	EUR	13,6100	13,6100	12,7500			12,7500					
Warrant	NL0012469340	ARCM1 35.95SPLOPENG	EUR	14,9000	14,9000	14,0400			14,0400					
Warrant	NL0011618707	ARCM114.82SPLOPENG	EUR	6,7300	7,5800	6,7300			7,5800					
Warrant	NL0011491048	ARCM114.94SPLOPENG	EUR	6,6000	7,4500	6,6000			7,4500					
Warrant	NL0011484738	ARCM115.07SPLOPENG	EUR	6,4600	7,3100	6,4600			7,3100					
Warrant	NL0011619952	ARCM115.34SPLOPENG	EUR	6,2400	7,0900	6,2400			7,0900					
Warrant	NL0011620356	ARCM115.49SPLOPENG	EUR	6,1000	6,9500	6,1000			6,9500					
Warrant	NL0011620745	ARCM115.64SPLOPENG	EUR	5,9200	6,7700	5,9200			6,7700					
Warrant	NL0011623178	ARCM115.97SPLOPENG	EUR	5,6300	6,4800	5,6300			6,4800					
Warrant	NL0011623160	ARCM116.15SPLOPENG	EUR	5,4600	6,3100	5,4600			6,3100					
Warrant	NL0011624895	ARCM116.29SPLOPENG	EUR	5,6900	6,5400	5,6900	2895,0000	1	6,5400	500				
Warrant	NL0011623640	ARCM116.34SPLOPENG	EUR	5,2600	6,1100	5,2600			6,1100					
Warrant	NL0011625546	ARCM117.05SPLOPENG	EUR	4,5600	5,4100	4,5600			5,4100					
Warrant	NL0011626627	ARCM117.22SPLOPENG	EUR	4,3800	5,2300	4,3800	2050,2000	2	5,2300	410				
Warrant	NL0011626619	ARCM117.41SPLOPENG	EUR	4,1800	5,0300	4,1800			5,0300					
Warrant	NL0011847553	ARCM117.81SPLOPENG	EUR	3,8000	4,6500	3,8000			4,6500					
Warrant	NL0011847546	ARCM118.02SPLOPENG	EUR	3,5300	4,3800	3,5300			4,3800					
Warrant	NL0012074678	ARCM118.92SPLOPENG	EUR	2,6300	3,4800	2,6300			3,4800					
Warrant	NL0012074926	ARCM119.22SPLOPENG	EUR	2,3100	3,1600	2,3100	735,0000	1	3,1600	250				
Warrant	NL0012075170	ARCM120.19SPLOPENG	EUR	1,3900	2,2400	1,3900			2,2400					
Warrant	NL0012462741	ARCM122.27SPLOPENG	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	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	ARCM127.11SPLOPENG	EUR	6,1100	6,1100	5,2500			5,2500					
Warrant	NL0012829063	ARCM127.17SPLOPENG	EUR											
Warrant	NL0012826291	ARCM127.25SPLOPENG	EUR											
Warrant	NL0012830715	ARCM127.31SPLOPENG	EUR											
Warrant	NL0012830806	ARCM127.32SPLOPENG	EUR											
Warrant	NL0012826879	ARCM129.15SPLOPENG	EUR	8,1500	8,1500	7,2900			7,2900					
Warrant	NL0011618715	ARCM13.446SPLOPENG	EUR											
Warrant	NL0012468250	ARCM131.34SPLOPENG	EUR	10,3500	10,3500	9,4900			9,4900					
Warrant	NL0012468425	ARCM133.55SPLOPENG	EUR	12,5500	12,5500	11,6900			11,6900					
Warrant	NL0011853544	ARCM15.254SPLOPENG	EUR											
Warrant	NL0011859665	ARCM16.407SPLOPENG	EUR											
Warrant	NL0011858295	ASMI 32SPLOPENG	EUR	5,0400	6,7900	5,0400			6,7900					
Warrant	NL0009235878	ASMI 2.55SPLOPENG	EUR	32,4500	34,2000	32,4500			34,2000					
Warrant	NL0009902311	ASMI 7.15PLOPENG	EUR	28,2300	29,9800	28,2300			29,9800					
Warrant	NL0009904812	ASMI 9.25PLOPENG	EUR	26,2500	28,0000	26,2500			28,0000					
Warrant	NL0009905686	ASMI 11.55PLOPENG	EUR	24,0900	25,8400	24,0900			25,8400					
Warrant	NL0010363289	ASMI 13.35PLOPENG	EUR	22,4200	24,1700	22,4200			24,1700					
Warrant	NL0010526133	ASMI 15.15PLOPENG	EUR	20,7000	22,4500	20,7000			22,4500					
Warrant	NL0010599460	ASMI 17.25PLOPENG	EUR	18,7600	20,5100	18,7600			20,5100					
Warrant	NL0010939054	ASMI 19.45PLOPENG	EUR	16,6900	18,4400	16,6900			18,4400					
Warrant	NL0011373154	ASMI 21.35PLOPENG	EUR	14,9800	16,7300	14,9800			16,7300					
Warrant	NL0011475249	ASMI 23.25PLOPENG	EUR	13,1500	14,9000	13,1500			14,9000					
Warrant	NL0011476593	ASMI 25.35PLOPENG	EUR	11,2200	12,9700	11,2200			12,9700					
Warrant	NL0011853064	ASMI 27.25PLOPENG	EUR	9,5200	11,2700	9,5200			11,2700					
Warrant	NL0011855317	ASMI 29.55PLOPENG	EUR	7,3500	9,1000	7,3500			9,1000					
Warrant	NL0012063143	ASMI 34.65PLOPENG	EUR											
Warrant	NL0012064265	ASMI 37.55PLOPENG	EUR											
Warrant	NL0012829329	ASMI 40.15PLOPENG	EUR											
Warrant	NL0012824056	ASMI 40.35PLOPENG	EUR											
Warrant	NL0012831101	ASMI 42.95PLOPENG	EUR											
Warrant	NL0012826507	ASMI 43.25PLOPENG	EUR											
Warrant	NL0012063150	ASMI 49.75PLOPENG	EUR											
Warrant	NL0012465793	ASMI 59.85PLOPENG	EUR	30,0500	30,0500	28,2400			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
Warrant	NL0009230580	ASMLH 16SPLOPENG	EUR	124,3300	133,2500	124,3300			133,2500					
Warrant	NL0010757548	ASMLH 66SPLOPENG	EUR	77,7600	86,6400	77,7600			86,6400					
Warrant	NL0012077325	ASMLH 121SPLOPENG	EUR	26,5400	35,4200	26,5400			35,4200					
Warrant	NL0012833008	ASMLH 149SPLOPENG	EUR											
Warrant	DE000CJ3N9A4	ASMLH 150C 0319Z	EUR	0,5450	0,5450	0,5450			0,5450					
Warrant	DE000CJ3PUJ7	ASMLH 160C 0619Z	EUR	0,4650	0,4650	0,4650			0,4650					
Warrant	DE000CV895A5	ASMLH 160C 1218Z	EUR	0,7550	0,7550	0,7550			0,7550					
Warrant	DE000CJ3N9B2	ASMLH 165C 0319Z	EUR	0,2850	0,2850	0,2850			0,2850					
Warrant	DE000CV895B3	ASMLH 176C 1218Z	EUR	0,2400	0,2400	0,2400			0,2400					
Warrant	NL0012832265	ASMLH 177SPSOPENG	EUR	5,2700	5,2700	4,3600			4,3600					
Warrant	DE000CV8AZD4	ASMLH 180C 0319Z	EUR	0,1350	0,1350	0,1350			0,1350					
Warrant	DE000CV8AMF7	ASMLH 196C 1218Z	EUR	0,0170	0,0170	0,0170			0,0170					
Warrant	DE000CV8AMG5	ASMLH 200C 0319Z	EUR	0,0560	0,0560	0,0560			0,0560					
Warrant	NL0006408007	ASMLH 6.6SPLOPENG	EUR	132,9700	141,8500	132,9700			141,8500					
Warrant	NL0012076400	ASMLH 122.SPLOPENG	EUR	17,9600	26,8400	17,9600	6953,6000	3	281	26,8400				
Warrant	NL0012830053	ASMLH 156.SPLOPENG	EUR											
Warrant	NL0009370576	ASMLH 17.7SPLOPENG	EUR	122,7300	131,6000	122,7300			131,6000					
Warrant	NL0009904010	ASMLH 28.4SPLOPENG	EUR	112,7800	121,7000	112,7800			121,7000					
Warrant	NL0010090247	ASMLH 34.6SPLOPENG	EUR	107,0300	115,9000	107,0300			115,9000					
Warrant	NL0010102778	ASMLH 36.5SPLOPENG	EUR	105,2300	114,1000	105,2300			114,1000					
Warrant	NL0010213716	ASMLH 42.4SPLOPENG	EUR	99,7000	108,6000	99,7000			108,6000					
Warrant	NL0010344941	ASMLH 45.8SPLOPENG	EUR	96,5200	105,4000	96,5200			105,4000					
Warrant	NL0010345310	ASMLH 49.5SPLOPENG	EUR	93,1300	102,0000	93,1300			102,0000					
Warrant	NL0010359865	ASMLH 53.4SPLOPENG	EUR	89,5000	98,3800	89,5000			98,3800					
Warrant	NL0010694998	ASMLH 56.3SPLOPENG	EUR	86,7500	95,6300	86,7500			95,6300					
Warrant	NL0010744454	ASMLH 59.4SPLOPENG	EUR	83,9000	92,7800	83,9000			92,7800					
Warrant	NL0010757555	ASMLH 62.6SPLOPENG	EUR	80,9100	89,7900	80,9100			89,7900					
Warrant	NL0010830048	ASMLH 69.5SPLOPENG	EUR	74,4700	83,3500	74,4700			83,3500					
Warrant	NL0011621479	ASMLH 77.1SPLOPENG	EUR	67,4500	76,3300	67,4500			76,3300					
Warrant	NL0011844709	ASMLH 81.1SPLOPENG	EUR	63,7200	72,6000	63,7200			72,6000					
Warrant	NL0011848320	ASMLH 85.3SPLOPENG	EUR	59,8100	68,6900	59,8100			68,6900					
Warrant	NL0011859350	ASMLH 89.7SPLOPENG	EUR	55,7200	64,6000	55,7200			64,6000					
Warrant	NL0012064273	ASMLH104.2SPLOPENG	EUR	42,1300	51,0100	42,1300			51,0100					
Warrant	NL0012063689	ASMLH105.1SPLOPENG	EUR	34,4900	43,3700	34,4900	82,2600	1	43,3700	2				
Warrant	NL0012068241	ASMLH109.6SPLOPENG	EUR	37,1600	46,0400	37,1600			46,0400					
Warrant	NL0012064083	ASMLH110.5SPLOPENG	EUR	29,5300	38,2900	29,5300	4762,1400	2	38,2900	138				
Warrant	NL0012075857	ASMLH116.1SPLOPENG	EUR	23,8900	32,7700	23,8900			32,7700					
Warrant	NL0012079727	ASMLH128.2SPLOPENG	EUR	11,7700	20,6400	11,7700	47666,0000	11	20,6400	2500				
Warrant	NL0012080808	ASMLH134.7SPLOPENG	EUR	5,2700	14,1500	5,2700	28972,0800	11	14,1500	2605				
Warrant	NL0012463327	ASMLH140.3SPLOPENG	EUR											
Warrant	NL0012832059	ASMLH141.4SPLOPENG	EUR											
Warrant	NL0012461883	ASMLH141.4SPLOPENG	EUR											
Warrant	NL0012832729	ASMLH144.6SPLOPENG	EUR											
Warrant	NL0012474662	ASMLH147.4SPLOPENG	EUR											
Warrant	NL0012473524	ASMLH148.5SPLOPENG	EUR											
Warrant	NL0012832828	ASMLH148.5SPLOPENG	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	NL0012832067	ASMLH155.6SPSOPENG	EUR											
Warrant	NL0012832810	ASMLH155.9SPLOPENG	EUR											
Warrant	NL0012831127	ASMLH156.4SPLOPENG	EUR											
Warrant	NL0012832257	ASMLH156.4SPSOPENG	EUR											
Warrant	NL0012818611	ASMLH159.1SPLOPENG	EUR											
Warrant	NL0012831119	ASMLH161.1SPLOPENG	EUR											
Warrant	NL0012819353	ASMLH162.4SPLOPENG	EUR											
Warrant	NL0012832737	ASMLH166.3SPSOPENG	EUR	4,1200	4,1200	3,2100			3,2100					
Warrant	NL0012824015	ASMLH167.1SPLOPENG	EUR											
Warrant	NL0012829071	ASMLH167.2SPSOPENG	EUR	2,9900	2,9900	2,0800			2,0800					
Warrant	NL0012824460	ASMLH170.3SPLOPENG	EUR											
Warrant	NL0012828222	ASMLH170.5SPLOPENG	EUR											
Warrant	NL0012824742	ASMLH175.3SPLOPENG	EUR											
Warrant	NL0012824940	ASMLH178.8SPLOPENG	EUR											
Warrant	NL0012829089	ASMLH179.8SPSOPENG	EUR	4,2500	4,2500	3,3400			3,3400					
Warrant	NL0012475669	ASMLH193.3SPSOPENG	EUR	5,6100	5,6100	4,7000	952,0000	1	4,7000	200				
Warrant	NL0012476725	ASMLH200.5SPSOPENG	EUR	7,8000	7,8000	6,8900			6,8900					
Warrant	NL0012477863	ASMLH206.9SPSOPENG	EUR	6,9700	6,9700	6,0600			6,0600					
Warrant	NL0012825343	ASMLH221.4SPSOPENG	EUR	8,4200	8,4200	7,5100			7,5100					
Warrant	NL0010587879	ASMLH54.76SPLOPENG	EUR	84,7800	93,6600	84,7800			93,6600					
Warrant	NL0010746038	ASMLH60.85SPLOPENG	EUR	78,7000	87,5800	78,7000			87,5800					



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	NL0010757704	ASMLH64.12SPLOPENG	EUR	75,4300	84,3100	75,4300			84,3100					
Warrant	NL0010759478	ASMLH67.56SPLOPENG	EUR	71,9300	80,8100	71,9300			80,8100					
Warrant	NL0011619960	ASMLH71.14SPLOPENG	EUR	68,4100	77,2900	68,4100			77,2900					
Warrant	NL0011620752	ASMLH74.91SPLOPENG	EUR	64,6500	73,5300	64,6500			73,5300					
Warrant	NL0011622642	ASMLH78.86SPLOPENG	EUR	60,7000	69,5800	60,7000			69,5800					
Warrant	NL0011845177	ASMLH82.93SPLOPENG	EUR	56,6200	65,5000	56,6200			65,5000					
Warrant	NL0011848965	ASMLH85.96SPLOPENG	EUR	53,6200	62,5000	53,6200			62,5000					
Warrant	NL0011854591	ASMLH90.39SPLOPENG	EUR	49,1800	58,0600	49,1800	1438,3200	1	58,0600	26				
Warrant	NL0011863022	ASMLH95.05SPLOPENG	EUR	44,5600	53,4400	44,5600			53,4400					
Warrant	NL0012063028	ASMLH99.95SPLOPENG	EUR	39,5900	48,4700	39,5900			48,4700					
Warrant	NL0012823140	ASRNL 33SPLOPENG	EUR	8,1300	8,5000	8,1300	3400,0000	2	8,1300	400				
Warrant	NL0012823694	ASRNL 28.6SPLOPENG	EUR	12,2200	12,2200	12,2200			12,2200					
Warrant	NL0012479372	ASRNL 30.5SPLOPENG	EUR	8,4100	8,4100	8,4100			8,4100					
Warrant	NL0012479356	ASRNL 30.8SPLOPENG	EUR	10,1800	10,1800	10,1800			10,1800					
Warrant	NL0012826580	ASRNL 35.3SPLOPENG	EUR	5,9300	5,9300	5,9300			5,9300					
Warrant	NL0012829584	ASRNL 37.8SPLOPENG	EUR	3,6300	3,6300	3,6300			3,6300					
Warrant	NL0012479604	ASRNL 42.3SPLOPENG	EUR											
Warrant	NL0012828719	ASRNL 43.8SPLOPENG	EUR	5,3300	5,3300	5,3100			5,3100					
Warrant	NL0012479380	ASRNL28.99SPLOPENG	EUR	9,9200	9,9200	9,9200			9,9200					
Warrant	NL0012479489	ASRNL32.16SPLOPENG	EUR	6,7600	6,7600	6,7600			6,7600					
Warrant	NL0012823389	ASRNL33.81SPLOPENG	EUR	5,1000	5,1000	5,1000			5,1000					
Warrant	NL0012825061	ASRNL35.54SPLOPENG	EUR	3,3700	3,3700	3,3700			3,3700					
Warrant	NL0012828412	ASRNL37.36SPLOPENG	EUR	1,5600	1,5600	1,5600			1,5600					
Warrant	NL0012823397	ASRNL38.29SPLOPENG	EUR											
Warrant	NL0012833222	ASRNL39.22SPLOPENG	EUR											
Warrant	NL0012828701	ASRNL39.22SPLOPENG	EUR											
Warrant	NL0012479398	ASRNL40.45SPLOPENG	EUR											
Warrant	NL0010744041	ASTRA 2444SPLOPENG	EUR	40,4900	40,5100	40,4900			40,5100					
Warrant	NL0010818720	BABAK 55.7SPLOPENG	EUR	82,7600	82,7600	82,7600			82,7600					
Warrant	NL0010818712	BABAK 61.3SPLOPENG	EUR	78,3600	78,3600	78,3600			78,3600					
Warrant	NL0010953105	BAM 2SPLOPENG	EUR	1,1000	1,1500	1,1000			1,1500					
Warrant	DE000CV895D9	BAM 4C 1218Z	EUR	0,0200	0,0200	0,0200			0,0200					
Warrant	NL0010824660	BAM 1.2SPLOPENG	EUR	1,7800	1,8300	1,7800			1,8300					
Warrant	NL000985433	BAM 1.4SPLOPENG	EUR	1,6700	1,7200	1,6700			1,7200					
Warrant	NL0010759189	BAM 1.5SPLOPENG	EUR	1,5700	1,6300	1,5700	815,0000	1	1,6200	500				
Warrant	NL0010830055	BAM 1.6SPLOPENG	EUR	1,4700	1,5200	1,4700			1,5200					
Warrant	NL0010944419	BAM 1.7SPLOPENG	EUR	1,3400	1,3900	1,3400			1,3900					
Warrant	NL0010944401	BAM 1.9SPLOPENG	EUR	1,2200	1,2700	1,2200			1,2700					
Warrant	NL0011011044	BAM 2.2SPLOPENG	EUR	0,9300	0,9800	0,9300			0,9800					
Warrant	NL0011018114	BAM 2.3SPLOPENG	EUR	0,7700	0,8200	0,7700			0,8200					
Warrant	NL0011018882	BAM 2.5SPLOPENG	EUR	0,6100	0,6600	0,6100			0,6600					
Warrant	NL0011021530	BAM 2.7SPLOPENG	EUR	0,4200	0,4700	0,4200			0,4700					
Warrant	NL0012832273	BAM 2.9SPLOPENG	EUR											
Warrant	NL0011848338	BAM 3.1SPLOPENG	EUR											
Warrant	NL0012825939	BAM 3.4SPLOPENG	EUR											
Warrant	NL0012832281	BAM 3.4SPLOPENG	EUR	1,0600	1,0600	1,0000			1,0000					
Warrant	DE000CV895C1	BAM 3.6C 1218Z	EUR	0,0390	0,0390	0,0390			0,0390					
Warrant	NL0012827919	BAM 3.6SPLOPENG	EUR											
Warrant	NL0012832299	BAM 3.8SPLOPENG	EUR	1,4500	1,4500	1,3900			1,3900					
Warrant	NL0012822977	BAM 3.8SPLOPENG	EUR											
Warrant	NL0011373931	BAM 4.2SPLOPENG	EUR											
Warrant	NL0012821433	BAM 4.2SPLOPENG	EUR	1,8800	1,8800	1,8200			1,8200					
Warrant	NL0011619705	BAM 4.5SPLOPENG	EUR											
Warrant	NL0012465074	BAM 4.6SPLOPENG	EUR	2,3500	2,3500	2,2900			2,2900					
Warrant	NL0012462261	BAM 5.1SPLOPENG	EUR	2,8700	2,8700	2,8200			2,8200					
Warrant	NL0011494000	BAM 5.6SPLOPENG	EUR	3,4700	3,4700	3,4100			3,4100					
Warrant	NL0011847124	BAM 2.522SPLOPENG	EUR	0,4400	0,4900	0,4400			0,4900					
Warrant	NL0011844642	BAM 2.725SPLOPENG	EUR	0,2200	0,2700	0,2200			0,2700					
Warrant	NL0011847561	BAM 2.929SPLOPENG	EUR											
Warrant	NL0011847934	BAM 3.148SPLOPENG	EUR											
Warrant	NL0012823728	BAM 3.364SPLOPENG	EUR											
Warrant	NL0012828123	BAM 3.599SPLOPENG	EUR											
Warrant	NL0012832075	BAM 3.891SPLOPENG	EUR	1,1500	1,1500	1,1000			1,1000					
Warrant	NL0012467005	BAM 4.579SPLOPENG	EUR	1,8400	1,8400	1,7800			1,7800					
Warrant	NL0012067375	BAM 5.406SPLOPENG	EUR	2,6700	2,7000	2,6100	54,0000	1	2,6100	20				
Warrant	DE000CV880E9	BAYER 119C 0619Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV880F6	BAYER 119C 0620Z	EUR	0,0150	0,0150	0,0150			0,0150					
Warrant	NL0012833073	BEKB 12SPLOPENG	EUR	6,7800	7,3100	6,7800			7,3100					
Warrant	NL0012833065	BEKB 14SPLOPENG	EUR	4,9800	5,5100	4,9800			5,5100					
Warrant	NL0012832745	BEKB 16SPLOPENG	EUR	3,0700	3,6000	3,0700			3,6000					
Warrant	DE000CJ3PJV5	BEKB 18C 0319Z	EUR	0,3650	0,3650	0,3650			0,3650					
Warrant	DE000CJ3N9D8	BEKB 20C 0319Z	EUR	0,2200	0,2200	0,2200			0,2200					



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	DE000CV8AY17	BEKB 22C 1218Z	EUR	0,0590	0,0590	0,0590			0,0590					
Warrant	DE000CV8AMH3	BEKB 24C 1218Z	EUR	0,0290	0,0290	0,0290			0,0290					
Warrant	DE000CV8AMK7	BEKB 25C 0319Z	EUR	0,0640	0,0640	0,0640			0,0640					
Warrant	DE000CV8AMJ9	BEKB 26C 1218Z	EUR	0,0160	0,0160	0,0160			0,0160					
Warrant	DE000CV895E7	BEKB 30C 1218Z	EUR	0,0110	0,0110	0,0110			0,0110					
Warrant	DE000CV895F4	BEKB 33C 1218Z	EUR	0,0110	0,0110	0,0110			0,0110					
Warrant	DE000CV895G2	BEKB 36C 1218Z	EUR	0,0110	0,0110	0,0110			0,0110					
Warrant	NL0012825244	BEKB 17.25PLOPENG	EUR	1,9800	2,5100	1,9800			2,5100					
Warrant	NL0010357554	BEKB 18.55PLOPENG	EUR											
Warrant	DE000CJ3N9C0	BEKB 19.5C 1218Z	EUR	0,1600	0,1600	0,1600			0,1600					
Warrant	NL0012833099	BEKB 20.15PSPLOPENG	EUR	4,9100	4,9100	4,3800			4,3800					
Warrant	NL0010830170	BEKB 20.55PLOPENG	EUR											
Warrant	NL0012826184	BEKB 21.95PLOPENG	EUR											
Warrant	NL0012481451	BEKB 35.55PSPLOPENG	EUR	21,9600	21,9600	21,4300			21,4300					
Warrant	NL0012068308	BEKB 47.35PSPLOPENG	EUR											
Warrant	NL0006429011	BEL20 1020SPLOPENG	EUR	24,3000	24,3000	24,3000			24,3000					
Warrant	NL0009107945	BEL20 1320SPLOPENG	EUR	21,3500	21,3500	21,3500			21,3500					
Warrant	NL0010098224	BEL20 1600SPLOPENG	EUR	18,7800	18,7800	18,7800			18,7800					
Warrant	NL0010086070	BEL20 1710SPLOPENG	EUR	17,6800	17,6800	17,6800			17,6800					
Warrant	NL0010204434	BEL20 1830SPLOPENG	EUR	16,5200	16,5200	16,5200			16,5200					
Warrant	NL0010216784	BEL20 1950SPLOPENG	EUR	15,3200	15,3200	15,3200			15,3200					
Warrant	NL0010346110	BEL20 2080SPLOPENG	EUR	14,0600	14,0600	14,0600			14,0600					
Warrant	NL0010526000	BEL20 2220SPLOPENG	EUR	12,7800	12,7800	12,7800			12,7800					
Warrant	NL0010530390	BEL20 2350SPLOPENG	EUR	11,4600	11,4600	11,4600			11,4600					
Warrant	NL0010540662	BEL20 2440SPLOPENG	EUR	10,6200	10,6200	10,6200			10,6200					
Warrant	NL0010596409	BEL20 2530SPLOPENG	EUR	9,7600	9,7600	9,7600			9,7600					
Warrant	NL0010829651	BEL20 2620SPLOPENG	EUR	8,9000	8,9000	8,9000			8,9000					
Warrant	NL0010938973	BEL20 2710SPLOPENG	EUR	8,0200	8,0200	8,0200			8,0200					
Warrant	NL0010941043	BEL20 2800SPLOPENG	EUR	7,1100	7,1100	7,1100			7,1100					
Warrant	NL0010960274	BEL20 2900SPLOPENG	EUR	6,1700	6,1700	6,1700			6,1700					
Warrant	NL0011844964	BEL20 3000SPLOPENG	EUR	5,2600	5,2600	5,2600			5,2600					
Warrant	NL0011848098	BEL20 3090SPLOPENG	EUR	4,3200	4,3200	4,3200			4,3200					
Warrant	NL0011849070	BEL20 3190SPLOPENG	EUR	3,3500	3,3500	3,3500			3,3500					
Warrant	NL0012061998	BEL20 3290SPLOPENG	EUR	2,3700	2,3700	2,3700			2,3700					
Warrant	NL0012063572	BEL20 3400SPLOPENG	EUR											
Warrant	NL0012067789	BEL20 3510SPLOPENG	EUR											
Warrant	NL0012070692	BEL20 3620SPLOPENG	EUR											
Warrant	NL0012826275	BEL20 3720SPLOPENG	EUR											
Warrant	NL0012475933	BEL20 3930SPSPLOPENG	EUR	6,6000	6,6000	6,6000			6,6000					
Warrant	NL0012071450	BEL20 4050SPSPLOPENG	EUR	8,1400	8,1400	7,8900	4884,0000	1	7,8900	600				
Warrant	NL0012074835	BEL20 4180SPSPLOPENG	EUR	9,1900	9,1900	9,1900			9,1900					
Warrant	NL0012077119	BEL20 4310SPSPLOPENG	EUR	10,5200	10,5200	10,5200			10,5200					
Warrant	NL0012475941	BEL20 4440SPSPLOPENG	EUR	11,8900	11,8900	11,8900			11,8900					
Warrant	NL0011625942	BERKS#####SPLOPENG	EUR	9,2000	9,2000	9,2000			9,2000					
Warrant	NL0009105741	BERKS#####SPLOPENG	EUR	18,1100	18,1100	18,1100			18,1100					
Warrant	NL0010684486	BERKS#####SPLOPENG	EUR	10,3900	10,3900	10,3900			10,3900					
Warrant	NL0010348835	BERKS#####SPLOPENG	EUR	13,0700	13,0700	13,0700			13,0700					
Warrant	NL0012826556	BESI 19SPLOPENG	EUR											
Warrant	NL0011627864	BESI 7.75PLOPENG	EUR	15,8500	20,3100	15,8500	779,8500	1	20,3100	45				
Warrant	NL0011847520	BESI 8.55PLOPENG	EUR	14,4300	18,8900	14,4300	276,9000	1	18,8900	15				
Warrant	NL0011853296	BESI 10.25PLOPENG	EUR	11,2500	11,2500	11,2500	130,3000	1	15,7100	10				
Warrant	NL0011859483	BESI 11.25PLOPENG	EUR	9,5000	13,9600	9,0800	47561,2500	14	13,9600	4075				
Warrant	NL0012063291	BESI 13.35PLOPENG	EUR	5,6100	10,0700	5,6100	13591,4000	8	10,0700	1425				
Warrant	NL0012067169	BESI 14.55PLOPENG	EUR	3,4200	3,4200	3,4200	95,7600	1	3,4200	28				
Warrant	NL0012826226	BESI 15.55PLOPENG	EUR											
Warrant	NL0012826218	BESI 16.65PLOPENG	EUR											
Warrant	NL0012833107	BESI 16.65PLOPENG	EUR											
Warrant	NL0012829535	BESI 16.65PLOPENG	EUR											
Warrant	NL0012827505	BESI 17.85PLOPENG	EUR											
Warrant	NL0012826200	BESI 17.85PLOPENG	EUR											
Warrant	NL0012831242	BESI 17.85PLOPENG	EUR											
Warrant	NL0012830426	BESI 17.85PLOPENG	EUR											
Warrant	NL0012832380	BESI 18.55PSPLOPENG	EUR											
Warrant	NL0012829543	BESI 18.65PSPLOPENG	EUR											
Warrant	NL0012827513	BESI 20.45PSPLOPENG	EUR	7,9500	8,1000	5,6900	635,0000	2	5,6900	90				
Warrant	NL0012826564	BESI 22.45PSPLOPENG	EUR	10,2000	10,2000	7,9400	840,0000	1	7,9400	100				
Warrant	NL0012823116	BESI 24.75PSPLOPENG	EUR	12,6700	12,6700	10,4100			10,4100					
Warrant	NL0012823124	BESI 27.15PSPLOPENG	EUR	15,4000	15,4000	13,1400			13,1400					
Warrant	NL0012820021	BESI 32.85PSPLOPENG	EUR	21,6600	21,6600	19,4000			19,4000					
Warrant	NL0012475222	BINCK 4SPLOPENG	EUR	0,5900	0,7200	0,5900			0,7200					
Warrant	NL0011846852	BINCK 2.95PLOPENG	EUR	1,6000	1,7300	1,6000			1,7300					
Warrant	NL0011844774	BINCK 3.25PLOPENG	EUR	1,3800	1,5100	1,3800			1,5100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011631437	BINCK 3.4SPLOPENG	EUR	1,1000	1,2300	1,1000			1,2300					
Warrant	NL0012468011	BINCK 3.7SPLOPENG	EUR	0,8600	0,9900	0,8600			0,9900					
Warrant	NL0012821466	BINCK 4.3SPLOPENG	EUR											
Warrant	NL0012823025	BINCK 4.6SPLOPENG	EUR											
Warrant	NL0012826135	BINCK 4.9SPLOPENG	EUR											
Warrant	NL0012827240	BINCK 5.3SPLOPENG	EUR											
Warrant	NL0012826143	BINCK 5.8SPLOPENG	EUR											
Warrant	NL0011621545	BINCK 6.45SPLOPENG	EUR	3,0700	3,0700	2,9300			2,9300					
Warrant	NL0010601662	BINCK 7.9SPLOPENG	EUR	4,7500	4,7500	4,6100			4,6100					
Warrant	NL0010750733	BINCK 8.75SPLOPENG	EUR	5,6600	5,6600	5,5200			5,5200					
Warrant	NL0011860465	BMW 68SPLOPENG	EUR	9,4100	11,3300	9,4100			11,3300					
Warrant	NL0010464160	BMW 46.2SPLOPENG	EUR	29,6800	31,6000	29,6800			31,6000					
Warrant	NL0010464152	BMW 50.2SPLOPENG	EUR	26,0200	27,9400	26,0200			27,9400					
Warrant	NL0010463931	BMW 54.3SPLOPENG	EUR	22,1500	24,0700	22,1500			24,0700					
Warrant	NL0010526398	BMW 58.5SPLOPENG	EUR	18,2400	20,1600	18,2400			20,1600					
Warrant	NL0011848882	BMW 63.1SPLOPENG	EUR	13,9700	15,8900	13,9700			15,8900					
Warrant	NL0011860622	BMW 73.2SPLOPENG	EUR											
Warrant	NL0012829816	BMW 80.6SPLOPENG	EUR											
Warrant	NL0012833560	BMW 66.21SPLOPENG	EUR	6,5700	8,4900	6,5700			8,4900					
Warrant	NL0012822365	BMW 69.69SPLOPENG	EUR	3,0900	5,0300	3,0900	485,5000	2	5,0100	110				
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 86.57SPLOPENG	EUR											
Warrant	NL0010465993	BNP 25.2SPLOPENG	EUR	23,5800	24,3900	23,5800			24,3900					
Warrant	NL0010464095	BNP 27.9SPLOPENG	EUR	21,1300	21,9400	21,1300			21,9400					
Warrant	NL0010463915	BNP 30.8SPLOPENG	EUR											
Warrant	NL0011851936	BNP 37.6SPLOPENG	EUR	12,2900	13,1000	12,2900			13,1000					
Warrant	NL0012829501	BNP 44.7SPLOPENG	EUR	5,8600	6,6700	5,8600			6,6700					
Warrant	NL0012829493	BNP 48.7SPLOPENG	EUR											
Warrant	NL0012068290	BNP 50.2SPLOPENG	EUR											
Warrant	NL0009113430	BOSKA 9.9SPLOPENG	EUR	14,5700	15,5800	14,5700			15,5800					
Warrant	NL0009233519	BOSKA 12.3SPLOPENG	EUR	12,3100	13,3200	12,3100			13,3200					
Warrant	NL0009903947	BOSKA 17.1SPLOPENG	EUR	7,9100	8,9200	7,9100			8,9200					
Warrant	NL0010202545	BOSKA 19.7SPLOPENG	EUR	5,4500	6,4600	5,4500	48,0000	1	6,4600	8				
Warrant	NL0010207015	BOSKA 21.7SPLOPENG	EUR	3,6000	4,6100	3,6000	9000,0000	3	4,6100	2000				
Warrant	NL0012821045	BOSKA 23.2SPLOPENG	EUR											
Warrant	NL0012827968	BOSKA 23.2SPLOPENG	EUR	2,1900	3,2000	2,1900			3,2000					
Warrant	NL0012821151	BOSKA 23.9SPLOPENG	EUR											
Warrant	NL0012829477	BOSKA 24.8SPLOPENG	EUR											
Warrant	NL0012824114	BOSKA 24.8SPLOPENG	EUR											
Warrant	NL0012831226	BOSKA 26.6SPLOPENG	EUR											
Warrant	NL0012476758	BOSKA 27.45SPLOPENG	EUR											
Warrant	NL0010543013	BOSKA 30.8SPLOPENG	EUR											
Warrant	NL0011615349	BOSKA 32.2SPLOPENG	EUR	12,3600	12,3600	11,3100			11,3100					
Warrant	NL0011615356	BOSKA 36.9SPLOPENG	EUR	16,2600	16,2600	15,2100			15,2100					
Warrant	NL0011360664	BOSKA 40.8SPLOPENG	EUR	20,5400	20,5400	19,4900			19,4900					
Warrant	NL0012478861	BOSKA19.36SPLOPENG	EUR	4,5500	5,5600	4,5500			5,5600					
Warrant	NL0012477509	BOSKA20.87SPLOPENG	EUR	3,0200	4,0300	3,0200			4,0300					
Warrant	NL0012479950	BOSKA22.41SPLOPENG	EUR	1,4700	2,4800	1,4700			2,4800					
Warrant	NL0012827737	BOSKA23.97SPLOPENG	EUR											
Warrant	NL0012826358	BOSKA25.58SPLOPENG	EUR											
Warrant	NL0012830103	BOSKA25.66SPLOPENG	EUR											
Warrant	NL0012821557	BOSKA27.55SPLOPENG	EUR											
Warrant	NL0012476659	BOSKA30.22SPLOPENG	EUR	6,7800	6,7800	5,7300			5,7300					
Warrant	NL0011631072	BOSKA33.31SPLOPENG	EUR	9,8800	9,8800	8,8300			8,8300					
Warrant	NL0009616531	BP 201SPLOPENG	EUR	3,8700	3,9700	3,8700			3,9700					
Warrant	DE000CV8AML5	BPOST 14C 0319Z	EUR	0,4750	0,4750	0,4750			0,4750					
Warrant	DE000CJ3PIW3	BPOST 15C 0619Z	EUR	0,4450	0,4550	0,4450			0,4550					
Warrant	DE000CV895L2	BPOST 15C 1218Z	EUR	0,0780	0,0780	0,0770			0,0770					
Warrant	DE000CV8ASQ1	BPOST 16C 0319Z	EUR	0,2100	0,2100	0,2100			0,2100					
Warrant	DE000CV895K4	BPOST 13.5C 1218Z	EUR	0,2900	0,2900	0,2850			0,2850					
Warrant	NL0011619655	BRENT 37SPLOPENG	EUR	35,4900	36,3800	35,4900			36,3800					
Warrant	NL0011623616	BRENT 41SPLOPENG	EUR	32,1500	33,0300	32,1500			33,0300					
Warrant	NL0012473011	BRENT 61SPLOPENG	EUR	15,4200	16,2400	15,4200			16,2400					
Warrant	NL0012828339	BRENT 73SPLOPENG	EUR	5,4200	6,1900	5,4200			6,1900					
Warrant	NL0012822530	BRENT 80SPLOPENG	EUR											
Warrant	NL0011492590	BRENT 28.45SPLOPENG	EUR	42,6500	43,5700	42,6500			43,5700					
Warrant	NL0011492350	BRENT 29.15SPLOPENG	EUR	42,0900	43,0100	42,0900			43,0100					
Warrant	NL0011491071	BRENT 31.25SPLOPENG	EUR	40,3200	41,2300	40,3200			41,2300					
Warrant	NL0011490321	BRENT 33.55SPLOPENG	EUR	38,3700	39,2800	38,3700			39,2800					



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
Warrant	NL0011489356	BRENT 34.4SPLOPENG	EUR	37,6900	38,6000	37,6900			38,6000					
Warrant	NL0011620216	BRENT 37.9SPLOPENG	EUR	34,6900	35,5800	34,6900			35,5800					
Warrant	NL0011622634	BRENT 39.9SPLOPENG	EUR	33,0300	33,9100	33,0300			33,9100					
Warrant	NL0011624176	BRENT 42.1SPLOPENG	EUR	31,2500	32,1300	31,2500			32,1300					
Warrant	NL0012075816	BRENT 44.8SPLOPENG	EUR	28,9600	29,8300	28,9600			29,8300					
Warrant	NL0012077036	BRENT 46.2SPLOPENG	EUR	27,7600	28,6300	27,7600			28,6300					
Warrant	NL0012077168	BRENT 47.7SPLOPENG	EUR	26,5300	27,3900	26,5300			27,3900					
Warrant	NL0012080360	BRENT 49.2SPLOPENG	EUR	25,2600	26,1100	25,2600			26,1100					
Warrant	NL0012080527	BRENT 50.8SPLOPENG	EUR	23,9500	24,8000	23,9500			24,8000					
Warrant	NL0012080642	BRENT 52.4SPLOPENG	EUR	22,6100	23,4500	22,6100			23,4500					
Warrant	NL0012081343	BRENT 53.1SPLOPENG	EUR	20,0200	20,8500	20,0200			20,8500					
Warrant	NL0012463772	BRENT 53.9SPLOPENG	EUR	21,3400	22,1800	21,3400			22,1800					
Warrant	NL0012463020	BRENT 54.5SPLOPENG	EUR	18,7900	19,6200	18,7900			19,6200					
Warrant	NL0012464085	BRENT 55.6SPLOPENG	EUR	19,9200	20,7500	19,9200			20,7500					
Warrant	NL0012465371	BRENT 59.2SPLOPENG	EUR	16,9400	17,7600	16,9400			17,7600					
Warrant	NL0012477434	BRENT 63.6SPLOPENG	EUR	10,8200	11,6200	10,8200			11,6200					
Warrant	NL0012477251	BRENT 64.8SPLOPENG	EUR	12,2700	13,0700	12,2700			13,0700					
Warrant	NL0012479687	BRENT 68.8SPLOPENG	EUR	8,9400	9,7300	8,9400			9,7300					
Warrant	NL0012827497	BRENT 70.3SPLOPENG	EUR	4,9600	5,7300	4,8500	485,0000	1	5,7300	100				
Warrant	NL0012827646	BRENT 70.8SPLOPENG	EUR	7,2000	7,9900	7,2000			7,9900					
Warrant	NL0012480537	BRENT 70.9SPLOPENG	EUR											
Warrant	NL0012827315	BRENT 72.8SPSOPENG	EUR											
Warrant	NL0012826085	BRENT 73.1SPLOPENG	EUR											
Warrant	NL0012829667	BRENT 75.2SPLOPENG	EUR											
Warrant	NL0012828651	BRENT 75.7SPLOPENG	EUR											
Warrant	NL0012831069	BRENT 77.5SPLOPENG	EUR											
Warrant	NL0012826994	BRENT 77.5SPSOPENG	EUR											
Warrant	NL0012831051	BRENT 79.8SPLOPENG	EUR											
Warrant	NL0012831499	BRENT 82.2SPLOPENG	EUR											
Warrant	NL0012832042	BRENT 82.8SPSOPENG	EUR	10,1100	10,1100	9,3900			9,3900					
Warrant	NL0012820252	BRENT 83.4SPSOPENG	EUR											
Warrant	NL0012827653	BRENT 86.7SPSOPENG	EUR											
Warrant	NL0011492566	BRENT30.14SPLOPENG	EUR	40,1000	41,0100	40,1000			41,0100					
Warrant	NL0011491212	BRENT32.01SPLOPENG	EUR	38,4700	39,3700	38,4700			39,3700					
Warrant	NL0011490891	BRENT32.65SPLOPENG	EUR	37,9100	38,8100	37,9100	1161,6000	1	38,8100	30				
Warrant	NL0011490628	BRENT33.99SPLOPENG	EUR	36,7300	37,6300	36,7300			37,6300					
Warrant	NL0011489448	BRENT34.69SPLOPENG	EUR	36,1200	37,0100	36,1200			37,0100					
Warrant	NL0011492699	BRENT36.17SPLOPENG	EUR	34,8200	35,7100	34,8200			35,7100					
Warrant	NL0011493879	BRENT36.94SPLOPENG	EUR	34,1500	35,0400	34,1500			35,0400					
Warrant	NL0011618814	BRENT37.73SPLOPENG	EUR	33,4500	34,3400	33,4500			34,3400					
Warrant	NL0011620182	BRENT38.56SPLOPENG	EUR	32,7200	33,6100	32,7200			33,6100					
Warrant	NL0011621198	BRENT39.41SPLOPENG	EUR	31,9800	32,8600	31,9800			32,8600					
Warrant	NL0011622246	BRENT40.28SPLOPENG	EUR	31,2200	32,0900	31,2200			32,0900					
Warrant	NL0011622238	BRENT41.17SPLOPENG	EUR	30,4400	31,3100	30,4400			31,3100					
Warrant	NL0011623269	BRENT42.09SPLOPENG	EUR	29,6700	30,5400	29,6700			30,5400					
Warrant	NL0011623939	BRENT43.02SPLOPENG	EUR	28,8400	29,7000	28,8400			29,7000					
Warrant	NL0012074975	BRENT44.18SPLOPENG	EUR	27,8300	28,7000	27,8300			28,7000					
Warrant	NL0012075840	BRENT45.36SPLOPENG	EUR	26,7800	27,6400	26,7800			27,6400					
Warrant	NL0012077077	BRENT46.57SPLOPENG	EUR	25,7300	26,5900	25,7300			26,5900					
Warrant	NL0012077069	BRENT47.81SPLOPENG	EUR	24,6900	25,5400	24,6900			25,5400					
Warrant	NL0012079263	BRENT49.09SPLOPENG	EUR	23,5700	24,4200	23,5700			24,4200					
Warrant	NL0012079511	BRENT50.39SPLOPENG	EUR	22,3900	23,2300	22,3900			23,2300					
Warrant	NL0012080576	BRENT51.73SPLOPENG	EUR	21,2200	22,0600	21,2200			22,0600					
Warrant	NL0012463996	BRENT55.94SPLOPENG	EUR	17,5300	18,3500	17,5300			18,3500					
Warrant	NL0012464184	BRENT57.41SPLOPENG	EUR	16,2300	17,0500	16,2300			17,0500					
Warrant	NL0012464994	BRENT58.92SPLOPENG	EUR	14,9100	15,7300	14,9100			15,7300					
Warrant	NL0012467401	BRENT60.46SPLOPENG	EUR	13,5300	14,3400	13,5300			14,3400					
Warrant	NL0012473490	BRENT62.03SPLOPENG	EUR	12,1900	13,0000	12,1900			13,0000					
Warrant	NL0012477426	BRENT65.21SPLOPENG	EUR	9,4100	10,2000	9,4100			10,2000					
Warrant	NL0012478408	BRENT66.86SPLOPENG	EUR	7,9400	8,7300	7,9400			8,7300					
Warrant	NL0012479406	BRENT68.56SPLOPENG	EUR	6,4500	7,2300	6,4500	1084,5000	1	7,2300	150				
Warrant	NL0012479745	BRENT70.35SPLOPENG	EUR											
Warrant	NL0012825079	BRENT72.05SPLOPENG	EUR											
Warrant	NL0012828099	BRENT72.06SPLOPENG	EUR	3,4000	4,4000	3,4000	220,0000	1	4,1700	50				
Warrant	NL0012826457	BRENT72.09SPLOPENG	EUR											
Warrant	NL0012826093	BRENT73.87SPLOPENG	EUR											
Warrant	NL0012828271	BRENT73.89SPLOPENG	EUR	1,7700	2,6500	1,7700	15980,0000	3	2,5200	6500				
Warrant	NL0012826804	BRENT74.67SPSOPENG	EUR											
Warrant	NL0012829618	BRENT75.77SPLOPENG	EUR											
Warrant	NL0012828677	BRENT76.16SPLOPENG	EUR											
Warrant	NL0012825293	BRENT76.86SPSOPENG	EUR											
Warrant	NL0012830780	BRENT77.69SPLOPENG	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	NL0012828792	BRENT78.75SPSOPENG	EUR											
Warrant	NL0012823875	BRENT78.79SPSOPENG	EUR											
Warrant	NL0012830962	BRENT79.59SPLOPENG	EUR											
Warrant	NL0012470728	BRENT80.11SPSOPENG	EUR											
Warrant	NL0012831432	BRENT81.58SPLOPENG	EUR											
Warrant	NL0012471346	BRENT82.11SPSOPENG	EUR											
Warrant	NL0012832794	BRENT82.56SPSOPENG	EUR	6,2600	6,2600	5,5200			5,5200					
Warrant	NL0012831671	BRENT83.61SPLOPENG	EUR											
Warrant	NL0012832174	BRENT84.69SPSOPENG	EUR	8,1200	8,1200	7,3900			7,3900					
Warrant	NL0012831770	BRENT84.75SPSOPENG	EUR											
Warrant	NL0012480404	BRENT84.86SPSOPENG	EUR											
Warrant	NL0012819080	BRENT86.87SPSOPENG	EUR	10,0300	10,0300	9,3000			9,3000					
Warrant	NL0012819627	BRENT91.26SPSOPENG	EUR	13,8800	13,8800	13,1700			13,1700					
Warrant	NL0012831440	BRENT93.53SPSOPENG	EUR	15,8700	15,8700	15,1700			15,1700					
Warrant	NL0012831457	BRENT95.87SPSOPENG	EUR	17,9200	17,9200	17,2200			17,2200					
Warrant	DE000CV895N8	BRUNL 15C 1218Z	EUR	0,0400	0,0400	0,0400			0,0400					
Warrant	DE000CV895M0	BRUNL 13.5C 1218Z	EUR	0,1060	0,1060	0,1060			0,1060					
Warrant	DE000CV895P3	BRUNL 16.5C 1218Z	EUR	0,0180	0,0180	0,0180			0,0180					
Warrant	NL0009903111	BTP 55SPLOPENG	EUR	68,5100	68,5100	68,5100			68,5100					
Warrant	NL0010677159	BTP 103SPLOPENG	EUR	21,6200	21,6200	21,6200			21,6200					
Warrant	NL0010687109	BTP 106SPLOPENG	EUR	18,0000	18,0000	18,0000			18,0000					
Warrant	NL0010746814	BTP 108SPLOPENG	EUR	16,1100	16,1100	16,1100			16,1100					
Warrant	NL0010812095	BTP 114SPLOPENG	EUR	10,5200	10,5200	10,5200			10,5200					
Warrant	NL0011299441	BTP 116SPLOPENG	EUR	8,5100	8,5100	8,5100			8,5100					
Warrant	NL0012828446	BTP 120SPLOPENG	EUR											
Warrant	NL0012833131	BTP 120SPLOPENG	EUR											
Warrant	NL0012829733	BTP 123SPLOPENG	EUR											
Warrant	NL0012833149	BTP 126SPSOPENG	EUR	9,0200	9,0200	9,0200			9,0200					
Warrant	NL0012480941	BTP 138SPSOPENG	EUR	21,4600	21,4600	21,4600			21,4600					
Warrant	NL0012831929	BTP 115.4SPLOPENG	EUR	5,7500	5,7500	5,7500			5,7500					
Warrant	NL0012831515	BTP 117.1SPLOPENG	EUR	3,7600	4,0000	3,7600	5660,0000	2	4,0000	1500				
Warrant	NL0012828180	BTP 118.8SPLOPENG	EUR											
Warrant	NL0012826911	BTP 120.6SPLOPENG	EUR											
Warrant	NL0012831937	BTP 123.1SPSOPENG	EUR	2,1500	2,1500	2,1500			2,1500					
Warrant	NL0012823223	BTP 123.9SPLOPENG	EUR											
Warrant	NL0012831523	BTP 124.3SPSOPENG	EUR	3,4100	3,4100	3,4100			3,4100					
Warrant	NL0012831333	BTP 125.6SPSOPENG	EUR	4,6700	4,6700	4,6700			4,6700					
Warrant	NL0012823215	BTP 125.8SPLOPENG	EUR											
Warrant	NL0012826929	BTP 125.8SPSOPENG	EUR											
Warrant	NL0012826267	BTP 127.1SPSOPENG	EUR											
Warrant	NL0012825400	BTP 129.4SPSOPENG	EUR	8,5300	8,5300	8,5300			8,5300					
Warrant	NL0012820260	BTP 130.8SPSOPENG	EUR	9,8700	9,8700	9,8700			9,8700					
Warrant	NL0012820278	BTP 132.1SPSOPENG	EUR	11,2300	11,2300	11,2300			11,2300					
Warrant	NL0012819635	BTP 133.5SPSOPENG	EUR	12,6000	12,6000	12,6000			12,6000					
Warrant	NL0012465744	BTP 136.3SPSOPENG	EUR	15,4500	15,4500	15,3900	1545,0000	1	15,3900	100				
Warrant	NL0012819445	BTP 139.1SPSOPENG	EUR	18,1800	18,1800	18,1800			18,1800					
Warrant	NL0012479299	BTP 139.4SPSOPENG	EUR	18,5400	18,5400	18,5400			18,5400					
Warrant	NL0010598942	BUND 132SPLOPENG	EUR	30,8200	30,8200	30,8200			30,8200					
Warrant	NL0010600979	BUND 133SPLOPENG	EUR	29,3200	29,3200	29,3200			29,3200					
Warrant	NL0010602199	BUND 135SPLOPENG	EUR	27,7900	27,7900	27,7900			27,7900					
Warrant	NL0010677332	BUND 136SPLOPENG	EUR	26,2500	26,2500	26,2500			26,2500					
Warrant	NL0010743076	BUND 138SPLOPENG	EUR	24,7200	24,7200	24,7200			24,7200					
Warrant	NL0010751699	BUND 139SPLOPENG	EUR	23,1900	23,1900	23,1900			23,1900					
Warrant	NL0010753711	BUND 141SPLOPENG	EUR	21,6400	21,6400	21,6400			21,6400					
Warrant	NL0010812079	BUND 142SPLOPENG	EUR	20,1500	20,1500	20,1500			20,1500					
Warrant	NL0010951513	BUND 144SPLOPENG	EUR	18,5100	18,5100	18,5100			18,5100					
Warrant	NL0011293840	BUND 146SPLOPENG	EUR	16,9600	16,9600	16,9600			16,9600					
Warrant	NL0011304571	BUND 147SPLOPENG	EUR	15,4600	15,4600	15,4600			15,4600					
Warrant	NL0011484191	BUND 149SPLOPENG	EUR	13,7800	13,7800	13,7800			13,7800					
Warrant	NL0011491238	BUND 151SPLOPENG	EUR	12,1600	12,1600	12,1600			12,1600					
Warrant	NL0011616313	BUND 152SPLOPENG	EUR	10,5200	10,5200	10,5200			10,5200					
Warrant	NL0012475529	BUND 154SPLOPENG	EUR	9,0000	9,0000	9,0000			9,0000					
Warrant	NL0012478267	BUND 155SPLOPENG	EUR	7,4600	7,4600	7,4600			7,4600					
Warrant	NL0012821086	BUND 157SPLOPENG	EUR	5,9000	5,9000	5,9000			5,9000					
Warrant	NL0012822548	BUND 162SPSOPENG	EUR	4,3300	4,3300	4,3300			4,3300					
Warrant	NL0012822704	BUND 163SPSOPENG	EUR	6,0000	6,0000	6,0000			6,0000					
Warrant	NL0012822712	BUND 165SPSOPENG	EUR	7,6800	7,6800	7,6800			7,6800					
Warrant	NL0010742771	BUND 139.SPLOPENG	EUR	21,2600	21,2600	21,2600			21,2600					
Warrant	NL0010600128	BUND 132.7SPLOPENG	EUR	27,5100	27,5100	27,5100			27,5100					
Warrant	NL0010602470	BUND 134.3SPLOPENG	EUR	25,9600	25,9600	25,9600			25,9600					
Warrant	NL0010676979	BUND 135.8SPLOPENG	EUR	24,4000	24,4000	24,4000			24,4000					
Warrant	NL0010689576	BUND 137.4SPLOPENG	EUR	22,8400	22,8400	22,8400			22,8400					



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
Warrant	NL0010754107	BUND 140.5SPLOPENG	EUR	19,6700	19,6700	19,6700			19,6700					
Warrant	NL0010811097	BUND 142.1SPLOPENG	EUR	18,0900	18,0900	18,0900			18,0900					
Warrant	NL0010814075	BUND 143.7SPLOPENG	EUR	16,4700	16,4700	16,4700			16,4700					
Warrant	NL0011293279	BUND 145.3SPLOPENG	EUR	14,8900	14,8900	14,8900			14,8900					
Warrant	NL0011303490	BUND 146.9SPLOPENG	EUR	13,2900	13,2900	13,2900			13,2900					
Warrant	NL0011355631	BUND 148.5SPLOPENG	EUR	11,6700	11,6700	11,6700			11,6700					
Warrant	NL0011488937	BUND 150.1SPLOPENG	EUR	10,1000	10,1000	10,1000			10,1000					
Warrant	NL0011493366	BUND 151.8SPLOPENG	EUR	8,4300	8,4300	8,4300			8,4300					
Warrant	NL0012475602	BUND 153.3SPLOPENG	EUR	6,8700	6,8700	6,8700			6,8700					
Warrant	NL0012478093	BUND 154.9SPLOPENG	EUR	5,2900	5,2900	5,2900			5,2900					
Warrant	NL0012821110	BUND 156.6SPLOPENG	EUR	3,6300	3,6300	3,6300			3,6300					
Warrant	NL0012824684	BUND 157.9SPLOPENG	EUR											
Warrant	NL0012821763	BUND 160.8SPLOPENG	EUR	0,6600	0,8300	0,6600	65,4500	2	0,7500		85			
Warrant	NL0012463145	BUND 161.4SPLOPENG	EUR	1,4000	1,5000	1,4000	170,0000	2	1,4100		120			
Warrant	NL0012466403	BUND 163.1SPLOPENG	EUR	3,0800	3,0800	3,0800			3,0800					
Warrant	NL0012821771	BUND 164.1SPLOPENG	EUR	4,0700	4,0700	4,0700			4,0700					
Warrant	NL0012825392	BUND 165.8SPLOPENG	EUR	5,7200	5,7200	5,7200			5,7200					
Warrant	NL0009904192	CAC40 2380SPLOPENG	EUR	26,9000	26,9000	26,9000			26,9000					
Warrant	NL0010085486	CAC40 2540SPLOPENG	EUR	25,3000	25,3000	25,3000			25,3000					
Warrant	NL0010205258	CAC40 2890SPLOPENG	EUR	21,8800	21,8800	21,8800			21,8800					
Warrant	NL0010218921	CAC40 3080SPLOPENG	EUR	20,0500	20,0500	20,0500			20,0500					
Warrant	NL0010466389	CAC40 3310SPLOPENG	EUR	17,7500	17,7500	17,7500			17,7500					
Warrant	NL0011618087	CAC40 3333SPLOPENG	EUR	16,9400	16,9400	16,9400			16,9400					
Warrant	NL0010677837	CAC40 3410SPLOPENG	EUR	16,1800	16,1800	16,1800			16,1800					
Warrant	NL0010677829	CAC40 3494SPLOPENG	EUR	15,3400	15,3400	15,3400			15,3400					
Warrant	NL0011618186	CAC40 3540SPLOPENG	EUR	15,5200	15,5200	15,5200			15,5200					
Warrant	NL0011618939	CAC40 3572SPLOPENG	EUR	14,5700	14,5700	14,5700			14,5700					
Warrant	NL0011619887	CAC40 3652SPLOPENG	EUR	13,8000	13,8000	13,8000			13,8000					
Warrant	NL0011620273	CAC40 3780SPLOPENG	EUR	13,1500	13,1500	13,1500			13,1500					
Warrant	NL0011845045	CAC40 3894SPLOPENG	EUR	11,4000	11,4000	11,4000			11,4000					
Warrant	NL0011847660	CAC40 3900SPLOPENG	EUR	11,9500	11,9500	11,9500			11,9500					
Warrant	NL0011848221	CAC40 3978SPLOPENG	EUR	10,5600	10,5600	10,5600			10,5600					
Warrant	NL0011848106	CAC40 4030SPLOPENG	EUR	10,7200	10,7200	10,7200			10,7200					
Warrant	NL0011848213	CAC40 4063SPLOPENG	EUR	9,7000	9,7000	9,7000			9,7000					
Warrant	NL0011849195	CAC40 4151SPLOPENG	EUR	8,8300	8,8300	8,8300			8,8300					
Warrant	NL0011851258	CAC40 4160SPLOPENG	EUR	9,4500	9,4500	9,4500			9,4500					
Warrant	NL0011859897	CAC40 4239SPLOPENG	EUR	7,9500	7,9500	7,9500			7,9500					
Warrant	NL0011618194	CAC40 4300SPLOPENG	EUR											
Warrant	NL0011861695	CAC40 4329SPLOPENG	EUR	7,0400	7,0400	7,0400			7,0400					
Warrant	NL0011862362	CAC40 4422SPLOPENG	EUR	6,1200	6,1200	6,1200			6,1200					
Warrant	NL0011863147	CAC40 4430SPLOPENG	EUR	6,8000	6,8000	6,8000			6,8000					
Warrant	NL0011862933	CAC40 4516SPLOPENG	EUR	5,1800	5,1800	5,1800			5,1800					
Warrant	NL0012062426	CAC40 4570SPLOPENG	EUR	5,4100	5,4100	5,4100			5,4100					
Warrant	NL0012065635	CAC40 4611SPLOPENG	EUR	4,2200	4,2200	4,2200			4,2200					
Warrant	NL0012066963	CAC40 4709SPLOPENG	EUR	3,2200	3,2200	3,2200			3,2200					
Warrant	NL0012068712	CAC40 4710SPLOPENG	EUR	3,9900	3,9900	3,9900			3,9900					
Warrant	NL0012069389	CAC40 4809SPLOPENG	EUR	2,3800	2,3800	2,3000	3094,0000	1	2,3000	1300				
Warrant	NL0012070700	CAC40 4860SPLOPENG	EUR	2,5300	2,5300	2,5300			2,5300					
Warrant	NL0012070510	CAC40 4910SPLOPENG	EUR	1,2400	1,2400	1,2400			1,2400					
Warrant	NL0012478473	CAC40 5010SPLOPENG	EUR											
Warrant	NL0012478606	CAC40 5010SPLOPENG	EUR											
Warrant	NL0012479828	CAC40 5110SPLOPENG	EUR											
Warrant	NL0012480578	CAC40 5160SPLOPENG	EUR											
Warrant	NL0012480487	CAC40 5215SPLOPENG	EUR											
Warrant	NL0012833503	CAC40 5227SPLOPENG	EUR	2,3600	2,3600	2,3600			2,3600					
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	NL0012832463	CAC40 5334SPLOPENG	EUR	3,3000	3,4200	3,3000	330,0000	1	3,4200	100				
Warrant	NL0012063440	CAC40 5353SPLOPENG	EUR											
Warrant	NL0012832471	CAC40 5443SPLOPENG	EUR	4,5100	4,5100	4,5100			4,5100					
Warrant	NL0012828941	CAC40 5465SPLOPENG	EUR											
Warrant	NL0012827398	CAC40 5473SPLOPENG	EUR											
Warrant	NL0012076624	CAC40 5520SPLOPENG	EUR											
Warrant	NL0012462097	CAC40 5554SPLOPENG	EUR	5,6200	5,6200	5,6200			5,6200					
Warrant	NL0012464515	CAC40 5668SPLOPENG	EUR	6,7300	6,7700	6,7300	403,8000	1	6,7700	60				
Warrant	NL0012465421	CAC40 5680SPLOPENG	EUR	7,7700	7,7700	7,7700			7,7700					
Warrant	NL0012464523	CAC40 5785SPLOPENG	EUR	7,9300	7,9300	7,9300			7,9300					
Warrant	NL0012819882	CAC40 5860SPLOPENG	EUR	9,6300	9,6300	9,6300			9,6300					
Warrant	NL0012818678	CAC40 5903SPLOPENG	EUR	9,1100	9,1100	9,1100			9,1100					



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
Warrant	NL0012820229	CAC40 6023SPSOPENG	EUR	10,3100	10,3100	10,3100			10,3100					
Warrant	DE000CV8AM37	CATER 140C 0319Z	EUR	0,0290	0,0310	0,0290			0,0310					
Warrant	DE000CV8AM29	CATER 140C 1218Z	EUR	0,0120	0,0120	0,0120			0,0120					
Warrant	DE000CV8AK05	CATER 160C 0319Z	EUR	0,0120	0,0120	0,0120			0,0120					
Warrant	DE000CV8AJ21	CATER 160C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0012830400	CFOUR 12SPLOPENG	EUR	5,8900	5,8900	5,7600			5,7600					
Warrant	NL0012824304	CFOUR 8.1SPLOPENG	EUR	9,5800	9,5800	9,4500			9,4500					
Warrant	NL0012467880	CFOUR 11.8SPLOPENG	EUR	6,1000	6,1000	5,9700			5,9700					
Warrant	NL0010690061	CISCO 19.7SPLOPENG	EUR	23,7700	23,7700	23,7700			23,7700					
Warrant	DE000CV8AK21	COCA 48C 1218Z	EUR	0,1150	0,1150	0,0990			0,0990					
Warrant	DE000CJ3N9T4	COCA 50C 0319Z	EUR	0,0870	0,0870	0,0780			0,0780					
Warrant	DE000CV8AK39	COCA 52C 1218Z	EUR	0,0130	0,0130	0,0130			0,0130					
Warrant	DE000CJ3N9S6	COCA 45.5C 0319Z	EUR	0,4250	0,4250	0,3950			0,3950					
Warrant	DE000CV895Q1	COLRT 40C 1218Z	EUR	2,0500	2,2200	2,0500			2,2200					
Warrant	DE000CV895R9	COLRT 45C 1218Z	EUR	1,1300	1,2850	1,1300			1,2850					
Warrant	DE000CJ3N9E6	COLRT 54C 0319Z	EUR	0,2100	0,2550	0,2100			0,2550					
Warrant	DE000CV8AMM3	COLRT 55C 1218Z	EUR	0,0920	0,1150	0,0920			0,1150					
Warrant	DE000CV8AMN1	COLRT 60C 0319Z	EUR	0,0350	0,0480	0,0350			0,0480					
Warrant	NL0009902550	CRBN 4SPLOPENG	EUR	22,4200	23,0400	22,4200			23,0400					
Warrant	NL0012068985	CRBN 23SPLOPENG	EUR	5,1500	5,7700	5,1500			5,7700					
Warrant	NL0010095485	CRBN 6.9SPLOPENG	EUR	19,7700	20,3900	19,7700			20,3900					
Warrant	NL0010830915	CRBN 7.9SPLOPENG	EUR	18,8900	19,5100	18,8900			19,5100					
Warrant	NL0010963047	CRBN 10.1SPLOPENG	EUR	16,8700	17,4900	16,8700			17,4900					
Warrant	NL0011020557	CRBN 11.4SPLOPENG	EUR	15,7200	16,3400	15,7200			16,3400					
Warrant	NL0011027339	CRBN 12.7SPLOPENG	EUR	14,4700	15,0900	14,4700			15,0900					
Warrant	NL0011211339	CRBN 14.2SPLOPENG	EUR	13,1000	13,7200	13,1000			13,7200					
Warrant	NL0011301106	CRBN 15.8SPLOPENG	EUR	11,7100	12,3300	11,7100			12,3300					
Warrant	NL0011844048	CRBN 17.3SPLOPENG	EUR	10,2700	10,8900	10,2700			10,8900					
Warrant	NL0011861935	CRBN 19.1SPLOPENG	EUR	8,7100	9,3300	8,7100			9,3300					
Warrant	NL0012064638	CRBN 20.9SPLOPENG	EUR	7,0100	7,6300	7,0100			7,6300					
Warrant	NL0012819387	CRBN 25.1SPLOPENG	EUR	3,2100	3,8300	3,2100			3,8300					
Warrant	NL0012824106	CRBN 27.3SPLOPENG	EUR											
Warrant	NL0012074470	CRBN 29.9SPSOPENG	EUR	7,3500	7,3500	6,6900			6,6900					
Warrant	NL0006427155	DAX 3920SPLOPENG	EUR	74,7100	74,7100	74,7100			74,7100					
Warrant	NL0009105154	DAX 5020SPLOPENG	EUR	64,0200	64,0200	64,0200			64,0200					
Warrant	NL0009111020	DAX 5640SPLOPENG	EUR	58,0100	58,0100	58,0100			58,0100					
Warrant	NL0009881242	DAX 6160SPLOPENG	EUR	52,9400	52,9400	52,9400			52,9400					
Warrant	NL0009904523	DAX 6470SPLOPENG	EUR	49,9700	49,9700	49,9700			49,9700					
Warrant	NL0010086088	DAX 7140SPLOPENG	EUR	43,4500	43,4500	43,4500			43,4500					
Warrant	NL0010215034	DAX 7500SPLOPENG	EUR	37,9400	37,9400	37,9400			37,9400					
Warrant	NL0010203725	DAX 7580SPLOPENG	EUR	39,2300	39,2300	39,2300			39,2300					
Warrant	NL0010214672	DAX 7647SPLOPENG	EUR	36,4600	36,4600	36,4600			36,4600					
Warrant	NL0010215646	DAX 7880SPLOPENG	EUR	36,2700	36,2700	36,2700			36,2700					
Warrant	NL0010216016	DAX 8040SPLOPENG	EUR	34,7400	34,7400	34,7400			34,7400					
Warrant	NL0010215976	DAX 8115SPLOPENG	EUR	31,7900	31,7900	31,7900			31,7900					
Warrant	NL0010359915	DAX 8237SPLOPENG	EUR	30,5700	30,5700	30,5700			30,5700					
Warrant	NL0010360764	DAX 8360SPLOPENG	EUR	31,5900	31,5900	31,5900			31,5900					
Warrant	NL0010360830	DAX 8360SPLOPENG	EUR	29,3300	29,3300	29,3300			29,3300					
Warrant	NL0010466132	DAX 8486SPLOPENG	EUR	28,0800	28,0800	28,0800			28,0800					
Warrant	NL0010465514	DAX 8530SPLOPENG	EUR	29,9600	29,9600	29,9600			29,9600					
Warrant	NL0010467742	DAX 8613SPLOPENG	EUR	26,8100	26,8100	26,8100			26,8100					
Warrant	NL0010468914	DAX 8700SPLOPENG	EUR	28,3000	28,3000	28,3000			28,3000					
Warrant	NL0010468906	DAX 8742SPLOPENG	EUR	25,5200	25,5200	25,5200			25,5200					
Warrant	NL0010526406	DAX 8870SPLOPENG	EUR	26,6100	26,6100	26,6100			26,6100					
Warrant	NL0010526083	DAX 8873SPLOPENG	EUR	24,2000	24,2000	24,2000			24,2000					
Warrant	NL0010829685	DAX 9050SPLOPENG	EUR	24,8800	24,8800	24,8800			24,8800					
Warrant	NL0010829842	DAX 9097SPLOPENG	EUR	21,9700	21,9700	21,9700			21,9700					
Warrant	NL0011619531	DAX 9140SPLOPENG	EUR	24,0000	24,0000	24,0000			24,0000					
Warrant	NL0011619929	DAX 9235SPLOPENG	EUR	20,5900	20,5900	20,5900			20,5900					
Warrant	NL0011620596	DAX 9322SPLOPENG	EUR											
Warrant	NL0011619911	DAX 9327SPLOPENG	EUR	19,6700	19,6700	19,6700			19,6700					
Warrant	NL0011619523	DAX 9330SPLOPENG	EUR	22,2200	22,2200	22,2200			22,2200					
Warrant	NL0011619903	DAX 9374SPLOPENG	EUR	17,4900	19,4800	17,2800	3474,7600	27	185					
Warrant	NL0011619895	DAX 9421SPLOPENG	EUR	18,7800	18,7800	18,7800			18,7800					
Warrant	NL0011620281	DAX 9510SPLOPENG	EUR	20,4000	20,4000	20,4000			20,4000					
Warrant	NL0011620414	DAX 9515SPLOPENG	EUR	17,8400	17,8400	17,8400			17,8400					
Warrant	NL0011622576	DAX 9563SPLOPENG	EUR	17,3600	17,3600	17,3600			17,3600					
Warrant	NL0011847223	DAX 9610SPLOPENG	EUR	19,4700	19,4700	19,4700			19,4700					
Warrant	NL0011845078	DAX 9611SPLOPENG	EUR	16,9300	16,9300	16,9300			16,9300					
Warrant	NL0011847272	DAX 9659SPLOPENG	EUR	16,4500	16,4500	16,4500			16,4500					
Warrant	NL0011847215	DAX 9700SPLOPENG	EUR	18,5400	18,5400	18,5400			18,5400					
Warrant	NL0011847264	DAX 9707SPLOPENG	EUR	15,9700	15,9700	15,9700			15,9700					



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
Warrant	NL0011847793	DAX 9755SPLOPENG	EUR	15,4900	15,4900	15,4900			15,4900					
Warrant	NL0011847785	DAX 9804SPLOPENG	EUR	15,0000	15,0000	15,0000			15,0000					
Warrant	NL0011847777	DAX 9853SPLOPENG	EUR	14,5100	14,5100	14,5100			14,5100					
Warrant	NL0011847678	DAX 9900SPLOPENG	EUR	16,6500	16,6500	16,6500			16,6500					
Warrant	NL0011847769	DAX 9902SPLOPENG	EUR	14,0200	14,0200	14,0200			14,0200					
Warrant	NL0011848254	DAX 9951SPLOPENG	EUR	13,5200	13,5200	13,5200			13,5200					
Warrant	NL0011848247	DAX 10051SPLOPENG	EUR	12,5200	12,5200	12,5200			12,5200					
Warrant	NL0011848114	DAX 10100SPLOPENG	EUR	14,7200	14,7200	14,7200			14,7200					
Warrant	NL0011848239	DAX 10101SPLOPENG	EUR	12,0200	12,0200	12,0200			12,0200					
Warrant	NL0011848486	DAX 10152SPLOPENG	EUR	11,5200	11,5200	11,5200			11,5200					
Warrant	NL0011848858	DAX 10200SPLOPENG	EUR	13,0500	13,7700	13,0500	5220,0000	1	13,7700	400				
Warrant	NL0011848601	DAX 10203SPLOPENG	EUR	11,0100	11,0100	11,0100			11,0100					
Warrant	NL0011849203	DAX 10254SPLOPENG	EUR	10,5800	10,5800	10,5800			10,5800					
Warrant	NL0011849393	DAX 10356SPLOPENG	EUR	9,5400	9,5400	9,5400			9,5400					
Warrant	NL0011849765	DAX 10400SPLOPENG	EUR	10,0400	11,7400	10,0400	502,0000	1	11,7400	50				
Warrant	NL0011851779	DAX 10404SPLOPENG	EUR											
Warrant	NL0011849559	DAX 10408SPLOPENG	EUR	9,0200	9,0200	9,0200			9,0200					
Warrant	NL0011853676	DAX 10456SPLOPENG	EUR											
Warrant	NL0011849542	DAX 10460SPLOPENG	EUR	7,5900	8,5000	7,5900	15570,0000	4	8,5000	2000				
Warrant	NL0011853734	DAX 10460SPLOPENG	EUR											
Warrant	NL0011853858	DAX 10508SPLOPENG	EUR											
Warrant	NL0011859285	DAX 10510SPLOPENG	EUR	10,7400	10,7400	10,7400			10,7400					
Warrant	NL0011859301	DAX 10512SPLOPENG	EUR	7,9800	7,9800	7,9800			7,9800					
Warrant	NL0011859947	DAX 10563SPLOPENG	EUR	6,3700	7,4700	6,3700	1076,5600	4	7,4700	161				
Warrant	NL0011859939	DAX 10669SPLOPENG	EUR	6,4100	6,4100	6,4100			6,4100					
Warrant	NL0011859582	DAX 10720SPLOPENG	EUR	8,7000	8,7000	8,7000			8,7000					
Warrant	NL0011862131	DAX 10722SPLOPENG	EUR	5,8800	5,8800	5,8800			5,8800					
Warrant	NL0011862123	DAX 10776SPLOPENG	EUR	5,3200	5,3200	5,3200			5,3200					
Warrant	NL0011862396	DAX 10938SPLOPENG	EUR	3,7500	3,7500	3,7500			3,7500					
Warrant	NL0011862388	DAX 10993SPLOPENG	EUR	2,2500	3,5800	2,2500	1889,9700	7	3,2100	698				
Warrant	NL0011862834	DAX 11040SPLOPENG	EUR	5,5800	5,5800	5,5800			5,5800					
Warrant	NL0011862370	DAX 11048SPLOPENG	EUR	0,8100	2,6000	0,8100	221,8000	3	2,6000	180				
Warrant	NL0011862768	DAX 11102SPLOPENG	EUR	0,2600	0,2600	0,2600	520,0000	1	0,2600	2000				
Warrant	NL0011862750	DAX 11157SPLOPENG	EUR											
Warrant	NL0011862958	DAX 11213SPLOPENG	EUR											
Warrant	NL0011863154	DAX 11260SPLOPENG	EUR											
Warrant	NL0011862941	DAX 11268SPLOPENG	EUR											
Warrant	NL0012061535	DAX 11325SPLOPENG	EUR											
Warrant	NL0012062004	DAX 11370SPLOPENG	EUR											
Warrant	NL0012061527	DAX 11381SPLOPENG	EUR											
Warrant	NL0012061659	DAX 11438SPLOPENG	EUR											
Warrant	NL0012063580	DAX 11490SPLOPENG	EUR											
Warrant	NL0012062251	DAX 11491SPLOPENG	EUR											
Warrant	NL0012832935	DAX 11495SPLOPENG	EUR											
Warrant	NL0012062400	DAX 11547SPLOPENG	EUR											
Warrant	NL0012064547	DAX 11600SPLOPENG	EUR											
Warrant	NL0012062533	DAX 11663SPLOPENG	EUR											
Warrant	NL0012833511	DAX 11663SPLOPENG	EUR	4,1900	4,1900	4,1900			4,1900					
Warrant	NL0012065023	DAX 11720SPLOPENG	EUR											
Warrant	NL0012063010	DAX 11721SPLOPENG	EUR											
Warrant	NL0012833529	DAX 11722SPLOPENG	EUR	5,5000	5,6800	4,5000	18460,0000	5	4,7800	3500				
Warrant	NL0012064836	DAX 11779SPLOPENG	EUR											
Warrant	NL0012833537	DAX 11781SPLOPENG	EUR	5,3900	5,3900	5,3700	592,9000	1	5,3700	110				
Warrant	NL0012832489	DAX 11786SPLOPENG	EUR											
Warrant	NL0012478069	DAX 11838SPLOPENG	EUR											
Warrant	NL0012065841	DAX 11840SPLOPENG	EUR											
Warrant	NL0012833545	DAX 11840SPLOPENG	EUR	5,9600	5,9600	5,9600			5,9600					
Warrant	NL0012478648	DAX 11881SPLOPENG	EUR											
Warrant	NL0012830210	DAX 11897SPLOPENG	EUR											
Warrant	NL0012832497	DAX 11900SPLOPENG	EUR	8,4500	8,4500	6,3500	11824,0200	22	6,4800	1687				
Warrant	NL0012833321	DAX 11910SPLOPENG	EUR	10,0500	10,0500	10,0500			10,0500					
Warrant	NL0012822852	DAX 11940SPLOPENG	EUR											
Warrant	NL0012478630	DAX 11940SPLOPENG	EUR											
Warrant	NL0012830517	DAX 11956SPLOPENG	EUR											
Warrant	NL0012478622	DAX 11998SPLOPENG	EUR											
Warrant	NL0012830657	DAX 12016SPLOPENG	EUR											
Warrant	NL0012832505	DAX 12019SPLOPENG	EUR	7,7600	7,7600	7,7600			7,7600					
Warrant	NL0012833339	DAX 12030SPLOPENG	EUR	11,2900	11,2900	11,2900			11,2900					
Warrant	NL0012478614	DAX 12058SPLOPENG	EUR											
Warrant	NL0012822845	DAX 12060SPLOPENG	EUR											
Warrant	NL0012830640	DAX 12076SPLOPENG	EUR											
Warrant	NL0012479331	DAX 12118SPLOPENG	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	NL0012830632	DAX 12136SPLOPENG	EUR											
Warrant	NL0012822837	DAX 12160SPLOPENG	EUR											
Warrant	NL0012823447	DAX 12167SPLOPENG	EUR											
Warrant	NL0012828958	DAX 12169SPLOPENG	EUR											
Warrant	NL0012827778	DAX 12178SPLOPENG	EUR											
Warrant	NL0012829204	DAX 12180SPLOPENG	EUR											
Warrant	NL0012823439	DAX 12228SPLOPENG	EUR											
Warrant	NL0012828966	DAX 12229SPLOPENG	EUR											
Warrant	NL0012828347	DAX 12239SPLOPENG	EUR											
Warrant	NL0012823884	DAX 12280SPLOPENG	EUR											
Warrant	NL0012823645	DAX 12289SPLOPENG	EUR											
Warrant	NL0012828974	DAX 12290SPLOPENG	EUR											
Warrant	NL0012829212	DAX 12310SPLOPENG	EUR											
Warrant	NL0012824585	DAX 12349SPLOPENG	EUR											
Warrant	NL0012828982	DAX 12351SPLOPENG	EUR											
Warrant	NL0012824924	DAX 12400SPLOPENG	EUR											
Warrant	NL0012824577	DAX 12410SPLOPENG	EUR											
Warrant	NL0012828990	DAX 12413SPLOPENG	EUR											
Warrant	NL0012829006	DAX 12449SPLOPENG	EUR	12,0500	12,0500	12,0500			12,0500					
Warrant	NL0012824569	DAX 12472SPLOPENG	EUR											
Warrant	NL0012827406	DAX 12495SPLOPENG	EUR											
Warrant	NL0012829014	DAX 12511SPLOPENG	EUR	12,7000	12,7000	12,6700	2540,0000	1	12,6700	200				
Warrant	NL0012825681	DAX 12527SPLOPENG	EUR											
Warrant	NL0012825632	DAX 12530SPLOPENG	EUR											
Warrant	NL0012829022	DAX 12574SPLOPENG	EUR	13,3000	13,3000	13,3000			13,3000					
Warrant	NL0012067300	DAX 12577SPLOPENG	EUR											
Warrant	NL0011194345	DAX 12600SPLOPENG	EUR											
Warrant	NL0012829030	DAX 12637SPLOPENG	EUR	13,9300	13,9300	13,9300			13,9300					
Warrant	NL0012067656	DAX 12640SPLOPENG	EUR											
Warrant	NL0012826762	DAX 12701SPLOPENG	EUR	16,1100	16,1100	14,5700	354,4200	1	14,5700	22				
Warrant	NL0012826770	DAX 12765SPLOPENG	EUR	15,2100	15,2100	15,2100								
Warrant	NL0012822233	DAX 12829SPLOPENG	EUR	15,9300	15,9300	15,9300			15,9300					
Warrant	NL0012822241	DAX 12893SPLOPENG	EUR	16,4900	16,4900	16,4900			16,4900					
Warrant	NL0012822258	DAX 12958SPLOPENG	EUR	17,1400	17,1400	17,1400			17,1400					
Warrant	NL0012822266	DAX 13023SPLOPENG	EUR	17,7900	17,7900	17,7900			17,7900					
Warrant	NL0012826283	DAX 13050SPLOPENG	EUR	21,6600	21,6600	21,6600			21,6600					
Warrant	NL0012471874	DAX 13089SPLOPENG	EUR	18,4300	18,4300	18,4300			18,4300					
Warrant	NL0012471882	DAX 13154SPLOPENG	EUR	19,1000	19,1000	19,1000			19,1000					
Warrant	NL0012471890	DAX 13221SPLOPENG	EUR	19,7700	19,7700	19,7700			19,7700					
Warrant	NL0012471270	DAX 13285SPLOPENG	EUR	20,5100	20,5100	20,5100			20,5100					
Warrant	NL0012820351	DAX 13320SPLOPENG	EUR	24,3900	24,3900	24,3900			24,3900					
Warrant	NL0012471288	DAX 13352SPLOPENG	EUR	21,1800	21,1800	21,1800			21,1800					
Warrant	NL0012463533	DAX 13418SPLOPENG	EUR	21,8400	21,8400	21,8400			21,8400					
Warrant	NL0012464242	DAX 13450SPLOPENG	EUR	25,7700	25,7700	25,7700			25,7700					
Warrant	NL0012464150	DAX 13485SPLOPENG	EUR	22,5100	22,5100	22,5100			22,5100					
Warrant	NL0012464168	DAX 13553SPLOPENG	EUR	23,1900	23,1900	23,1900			23,1900					
Warrant	NL0012464564	DAX 13620SPLOPENG	EUR	23,8600	23,8600	23,8600			23,8600					
Warrant	NL0012464572	DAX 13689SPLOPENG	EUR	24,4500	24,4500	24,4500			24,4500					
Warrant	NL0012464580	DAX 13757SPLOPENG	EUR	25,1300	25,1300	25,1300			25,1300					
Warrant	NL0012470082	DAX 13826SPLOPENG	EUR	25,8200	25,8200	25,8200			25,8200					
Warrant	NL0012470439	DAX 13860SPLOPENG	EUR	29,9700	29,9700	29,9700			29,9700					
Warrant	NL0012470744	DAX 13896SPLOPENG	EUR	26,5200	26,5200	26,5200			26,5200					
Warrant	NL0012470751	DAX 13965SPLOPENG	EUR	27,2100	27,2100	27,2100			27,2100					
Warrant	NL0012470769	DAX 14035SPLOPENG	EUR	27,9100	27,9100	27,9100			27,9100					
Warrant	NL0012823892	DAX 14140SPLOPENG	EUR	32,8400	32,8400	32,8400			32,8400					
Warrant	NL0012823090	DBANK 9SPLOPENG	EUR											
Warrant	NL0011615497	DBANK 18SPLOPENG	EUR	11,4000	11,4000	11,2800			11,2800					
Warrant	NL0011855648	DBANK 5.9SPLOPENG	EUR	3,3800	3,5000	3,3800			3,5000					
Warrant	NL0011850193	DBANK 7.4SPLOPENG	EUR	2,0200	2,1400	2,0200	210,0000	1	2,1400	100				
Warrant	NL0011856216	DBANK 8.3SPLOPENG	EUR	1,2200	1,3300	1,2200			1,3300					
Warrant	NL0012824122	DBANK 9.8SPLOPENG	EUR											
Warrant	NL0012826192	DBANK 10.7SPLOPENG	EUR											
Warrant	NL0012820658	DBANK 11.3SPLOPENG	EUR	3,8800	3,8800	3,7600			3,7600					
Warrant	NL0012477798	DBANK 12.7SPLOPENG	EUR	5,4400	5,4400	5,3100			5,3100					
Warrant	NL0012476329	DBANK 14.2SPLOPENG	EUR	7,2000	7,2000	7,0800			7,0800					
Warrant	DE000CV8AUK3	DDD 13C 1218Z	EUR	4,6350	4,6850	4,6350			4,6850					
Warrant	DE000CV8AUL1	DDD 14C 0319Z	EUR	4,6500	4,6700	4,6500			4,6700					
Warrant	DE000CV8AM11	DDD 14C 1218Z	EUR	3,9750	4,0300	3,9750			4,0300					
Warrant	DE000CV8ASL2	DDD 18C 1218Z	EUR	1,9050	2,0000	1,9050			2,0000					
Warrant	DE000CV8ASN8	DDD 19C 0319Z	EUR	2,4350	2,4700	2,4350			2,4700					
Warrant	DE000CV8ASM0	DDD 20C 1218Z	EUR	1,2850	1,3750	1,2850			1,3750					
Warrant	DE000CV8AVV5	DDD 22C 1218Z	EUR	0,8800	0,9650	0,8800			0,9650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0009878198	DJBKS 86SPLOPENG	EUR	5,7800	6,0300	5,7800			6,0300					
Warrant	NL0011849096	DJBKS 101SPLOPENG	EUR	4,3100	4,5500	4,3100			4,5500					
Warrant	NL0011851290	DJBKS 110SPLOPENG	EUR	3,5100	3,7500	3,5100			3,7500					
Warrant	NL0011853098	DJBKS 119SPLOPENG	EUR	2,6200	2,8700	2,6200			2,8700					
Warrant	NL0011857883	DJBKS 129SPLOPENG	EUR	1,6800	1,9200	1,6800			1,9200					
Warrant	NL0011862883	DJBKS 139SPLOPENG	EUR	0,6600	0,9100	0,6600	900,0000	1	0,9100	1000				
Warrant	NL0012064588	DJBKS 151SPLOPENG	EUR											
Warrant	NL0011359484	DJBKS 188SPSOPENG	EUR											
Warrant	NL0010601126	DJBKS 191SPSOPENG	EUR	6,0700	6,0700	5,8300			5,8300					
Warrant	NL0011208228	DJBKS 202SPSOPENG	EUR	7,1900	7,1900	6,9500			6,9500					
Warrant	NL0011304696	DJBKS 213SPSOPENG	EUR	8,3500	8,3500	8,1100			8,1100					
Warrant	NL0006429060	DJIND 5690SPLOPENG	EUR	167,6500	170,1000	167,6500			170,1000					
Warrant	NL0009112192	DJIND 7720SPLOPENG	EUR	150,3700	152,7700	150,3700			152,7700					
Warrant	NL0009371376	DJIND 8980SPLOPENG	EUR	139,6700	142,0200	139,6700			142,0200					
Warrant	NL0009881259	DJIND 9400SPLOPENG	EUR	136,1200	138,4200	136,1200			138,4200					
Warrant	NL0009882273	DJIND10270SPLOPENG	EUR	128,6200	130,9200	128,6200			130,9200					
Warrant	NL0010103719	DJIND11610SPLOPENG	EUR	117,2200	119,4700	117,2200			119,4700					
Warrant	NL0010348173	DJIND13060SPLOPENG	EUR	104,8700	107,0700	104,8700			107,0700					
Warrant	NL0010353702	DJIND13849SPLOPENG	EUR	94,8700	97,0500	94,8700			97,0500					
Warrant	NL0010543880	DJIND14668SPLOPENG	EUR	87,6900	89,8400	87,6900			89,8400					
Warrant	NL0010544268	DJIND15000SPLOPENG	EUR	88,3500	90,5100	88,3500			90,5100					
Warrant	NL0010544607	DJIND15005SPLOPENG	EUR	84,7300	86,8700	84,7300			86,8700					
Warrant	NL0010586087	DJIND15350SPLOPENG	EUR	81,7200	83,8400	81,7200			83,8400					
Warrant	NL0011363775	DJIND15434SPLOPENG	EUR	80,9800	83,1000	80,9800			83,1000					
Warrant	NL0011363767	DJIND15518SPLOPENG	EUR	80,2400	82,3600	80,2400			82,3600					
Warrant	NL0011619937	DJIND15619SPLOPENG	EUR	79,3600	81,4800	79,3600			81,4800					
Warrant	NL0011620034	DJIND15720SPLOPENG	EUR	78,4700	80,5800	78,4700			80,5800					
Warrant	NL0011620422	DJIND15925SPLOPENG	EUR	76,6800	78,7900	76,6800			78,7900					
Warrant	NL0011620620	DJIND16135SPLOPENG	EUR	74,8300	76,9300	74,8300			76,9300					
Warrant	NL0011622196	DJIND16340SPLOPENG	EUR	76,8800	78,9900	76,8800			78,9900					
Warrant	NL0011621891	DJIND16344SPLOPENG	EUR	73,0000	75,1000	73,0000			75,1000					
Warrant	NL0011622584	DJIND16450SPLOPENG	EUR	72,0800	74,1700	72,0800			74,1700					
Warrant	NL0011491006	DJIND16635SPLOPENG	EUR											
Warrant	NL0011623731	DJIND16663SPLOPENG	EUR	70,2100	72,3000	70,2100			72,3000					
Warrant	NL0011622311	DJIND16690SPLOPENG	EUR	73,8800	75,9800	73,8800			75,9800					
Warrant	NL0011624143	DJIND16770SPLOPENG	EUR	69,2700	71,3500	69,2700			71,3500					
Warrant	NL0011625207	DJIND16878SPLOPENG	EUR	68,3300	70,4000	68,3300			70,4000					
Warrant	NL0011625454	DJIND16986SPLOPENG	EUR	67,3700	69,4500	67,3700			69,4500					
Warrant	NL0011625512	DJIND17050SPLOPENG	EUR	70,8300	72,9100	70,8300			72,9100					
Warrant	NL0011625827	DJIND17096SPLOPENG	EUR	66,4200	68,4900	66,4200			68,4900					
Warrant	NL0011626106	DJIND17316SPLOPENG	EUR	64,4900	66,5500	64,4900			66,5500					
Warrant	NL0011634209	DJIND17350SPLOPENG	EUR											
Warrant	NL0011845680	DJIND17538SPLOPENG	EUR	62,5900	64,6500	62,5900			64,6500					
Warrant	NL0011846043	DJIND17762SPLOPENG	EUR	60,6300	62,6700	60,6300			62,6700					
Warrant	NL0011845953	DJIND17790SPLOPENG	EUR	64,5700	66,6400	64,5700			66,6400					
Warrant	NL0011847819	DJIND17874SPLOPENG	EUR	59,6600	61,7000	59,6600			61,7000					
Warrant	NL0011847801	DJIND17987SPLOPENG	EUR	58,6700	60,7100	58,6700			60,7100					
Warrant	NL0011849211	DJIND18097SPLOPENG	EUR											
Warrant	NL0011848262	DJIND18102SPLOPENG	EUR	57,6800	59,7100	57,6800			59,7100					
Warrant	NL0011859608	DJIND18160SPLOPENG	EUR	61,4100	63,4600	61,4100			63,4600					
Warrant	NL0011852363	DJIND18205SPLOPENG	EUR											
Warrant	NL0011859962	DJIND18327SPLOPENG	EUR	55,7300	57,7600	55,7300			57,7600					
Warrant	NL0011859954	DJIND18442SPLOPENG	EUR	54,7200	56,7400	54,7200			56,7400					
Warrant	NL0011859590	DJIND18540SPLOPENG	EUR	58,1600	60,2000	58,1600			60,2000					
Warrant	NL0011860150	DJIND18676SPLOPENG	EUR	52,6700	54,6900	52,6700			54,6900					
Warrant	NL0011861083	DJIND18793SPLOPENG	EUR	51,6400	53,6500	51,6400			53,6500					
Warrant	NL0011028774	DJIND18834SPSOPENG	EUR											
Warrant	NL0011861471	DJIND18911SPLOPENG	EUR	50,6100	52,6100	50,6100			52,6100					
Warrant	NL0011861463	DJIND19030SPLOPENG	EUR	49,5700	51,5700	49,5700			51,5700					
Warrant	NL0011862792	DJIND19145SPLOPENG	EUR	48,5600	50,5600	48,5600			50,5600					
Warrant	NL0011862784	DJIND19265SPLOPENG	EUR	47,5000	49,5000	47,5000			49,5000					
Warrant	NL0011862271	DJIND19320SPLOPENG	EUR	51,4700	53,4800	51,4700			53,4800					
Warrant	NL0011862776	DJIND19386SPLOPENG	EUR	46,4400	48,4400	46,4400			48,4400					
Warrant	NL0012061923	DJIND19630SPLOPENG	EUR	44,3100	46,2900	44,3100			46,2900					
Warrant	NL0012064554	DJIND19720SPLOPENG	EUR	48,0300	50,0200	48,0300			50,0200					
Warrant	NL0012063457	DJIND19753SPLOPENG	EUR	43,2400	45,2200	43,2400			45,2200					
Warrant	NL0012065452	DJIND20001SPLOPENG	EUR	41,0600	43,0300	41,0600			43,0300					
Warrant	NL0012065650	DJIND20125SPLOPENG	EUR	39,9700	41,9300	39,9700			41,9300					
Warrant	NL0012066070	DJIND20377SPLOPENG	EUR	37,7600	39,7200	37,7600			39,7200					
Warrant	NL0012069199	DJIND20550SPLOPENG	EUR	40,9700	42,9400	40,9700			42,9400					
Warrant	NL0012066369	DJIND20632SPLOPENG	EUR	35,5300	37,4800	35,5300			37,4800					
Warrant	NL0012066534	DJIND20761SPLOPENG	EUR	34,4300	36,3700	34,4300			36,3700					



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	NL0012070957	DJIND20890SPLOPENG	EUR	33,2700	35,2100	33,2700			35,2100					
Warrant	NL0012073720	DJIND21019SPLOPENG	EUR	32,1400	34,0700	32,1400			34,0700					
Warrant	NL0012074074	DJIND21278SPLOPENG	EUR	29,8700	31,8000	29,8700			31,8000					
Warrant	NL0012076061	DJIND21403SPLOPENG	EUR	28,7700	30,6900	28,7700			30,6900					
Warrant	NL0012074108	DJIND21410SPLOPENG	EUR	33,6900	35,6300	33,6900			35,6300					
Warrant	NL0012076566	DJIND21535SPLOPENG	EUR	27,6100	29,5300	27,6100			29,5300					
Warrant	NL0012077093	DJIND21668SPLOPENG	EUR	26,4900	28,4000	26,4900			28,4000					
Warrant	NL0012077481	DJIND21802SPLOPENG	EUR	25,2800	27,1900	25,2800			27,1900					
Warrant	NL0012079925	DJIND21840SPLOPENG	EUR	29,9500	31,8800	29,9500			31,8800					
Warrant	NL0012077473	DJIND21936SPLOPENG	EUR	24,1100	26,0200	24,1100			26,0200					
Warrant	NL0012080774	DJIND22071SPLOPENG	EUR	22,9200	24,8200	22,9200			24,8200					
Warrant	NL0012081160	DJIND22206SPLOPENG	EUR	21,7300	23,6300	21,7300			23,6300					
Warrant	NL0012081004	DJIND22290SPLOPENG	EUR	26,1400	28,0500	26,1400			28,0500					
Warrant	NL0012462592	DJIND22617SPLOPENG	EUR	18,1300	20,0100	18,1300			20,0100					
Warrant	NL0012463749	DJIND22750SPLOPENG	EUR	22,2600	24,1600	22,2600			24,1600					
Warrant	NL0012463228	DJIND22757SPLOPENG	EUR	16,9100	18,7800	16,9100			18,7800					
Warrant	NL0012463541	DJIND22900SPLOPENG	EUR	15,6500	17,5300	15,6500			17,5300					
Warrant	NL0012463699	DJIND23040SPLOPENG	EUR	14,4200	16,2900	14,4200			16,2900					
Warrant	NL0012463681	DJIND23181SPLOPENG	EUR	13,1900	15,0500	13,1900			15,0500					
Warrant	NL0012464929	DJIND23323SPLOPENG	EUR	11,9400	14,0000	11,9400	18027,0000	11	13,8000	1350				
Warrant	NL0012466536	DJIND23466SPLOPENG	EUR	10,7000	12,5500	10,7000			12,5500					
Warrant	NL0012466528	DJIND23609SPLOPENG	EUR	9,4400	11,2900	9,4400			11,2900					
Warrant	NL0012472948	DJIND23680SPLOPENG	EUR	14,3100	16,1800	14,3100			16,1800					
Warrant	NL0012819213	DJIND23752SPLOPENG	EUR	8,1900	10,0300	8,1900			10,0300					
Warrant	NL0012819205	DJIND23895SPLOPENG	EUR	6,9300	8,7700	6,9300			8,7700					
Warrant	NL0012819197	DJIND24040SPLOPENG	EUR	5,6600	7,4900	5,6600			7,4900					
Warrant	NL0012822860	DJIND24150SPLOPENG	EUR	10,2500	12,1000	10,2500			12,1000					
Warrant	NL0012823967	DJIND24331SPLOPENG	EUR	3,1100	4,9400	3,1100			4,9400					
Warrant	NL0012824189	DJIND24478SPLOPENG	EUR	1,8300	3,6400	1,8300	1399,0000	6	3,6400	560				
Warrant	NL0012824593	DJIND24632SPLOPENG	EUR											
Warrant	NL0012823900	DJIND24640SPLOPENG	EUR											
Warrant	NL0012825582	DJIND24780SPLOPENG	EUR											
Warrant	NL0012825699	DJIND24921SPLOPENG	EUR											
Warrant	NL0012827794	DJIND25048SPLOPENG	EUR											
Warrant	NL0012826101	DJIND25060SPLOPENG	EUR											
Warrant	NL0012832943	DJIND25072SPLOPENG	EUR											
Warrant	NL0012827471	DJIND25130SPLOPENG	EUR											
Warrant	NL0012827786	DJIND25199SPLOPENG	EUR											
Warrant	NL0012828362	DJIND25350SPLOPENG	EUR											
Warrant	NL0012828354	DJIND25502SPLOPENG	EUR											
Warrant	NL0012828479	DJIND25640SPLOPENG	EUR											
Warrant	NL0012471965	DJIND25651SPSO P ENG	EUR											
Warrant	NL0012830228	DJIND25653SPLOPENG	EUR											
Warrant	NL0012472534	DJIND25740SPSO P ENG	EUR											
Warrant	NL0012471973	DJIND25752SPSO P ENG	EUR											
Warrant	NL0012830525	DJIND25807SPLOPENG	EUR											
Warrant	NL0012830665	DJIND25961SPLOPENG	EUR											
Warrant	NL0012831408	DJIND26117SPLOPENG	EUR											
Warrant	NL0012833354	DJIND26137SPSO P ENG	EUR	13,3400	13,3500	11,5600	17200,6600	7	11,5600	1414				
Warrant	NL0012833362	DJIND26294SPSO P ENG	EUR	14,7100	14,7100	12,9600			12,9600					
Warrant	NL0012469258	DJIND26308SPSO P ENG	EUR											
Warrant	NL0012832950	DJIND26453SPSO P ENG	EUR	16,1200	16,1200	14,3600	772,5000	1	14,3600	50				
Warrant	NL0012470108	DJIND26468SPSO P ENG	EUR											
Warrant	NL0012832968	DJIND26613SPSO P ENG	EUR	17,5200	17,5200	15,7600			15,7600					
Warrant	NL0012470116	DJIND26629SPSO P ENG	EUR											
Warrant	NL0012472542	DJIND26720SPSO P ENG	EUR											
Warrant	NL0012832976	DJIND26774SPSO P ENG	EUR	18,9200	18,9200	17,1800			17,1800					
Warrant	NL0012470124	DJIND26792SPSO P ENG	EUR											
Warrant	NL0012471312	DJIND26931SPSO P ENG	EUR	20,2900	20,2900	18,5600	20179,0000	5	18,5600	1050				
Warrant	NL0012471320	DJIND27095SPSO P ENG	EUR	21,7400	21,7400	19,0800	12094,0000	6	20,0000	600				
Warrant	NL0012470454	DJIND27240SPSO P ENG	EUR	29,9500	29,9500	28,2500	1443,1000	2	28,2500	50				
Warrant	NL0012828511	DJIND27258SPSO P ENG	EUR	23,1600	23,1600	21,4300	2631,6000	2	21,4300	120				
Warrant	NL0012830533	DJIND27421SPSO P ENG	EUR	24,6000	24,6000	22,8700			22,8700					
Warrant	NL0012830673	DJIND27586SPSO P ENG	EUR	26,0400	26,0400	24,3200			24,3200					
Warrant	NL0012830681	DJIND27752SPSO P ENG	EUR	27,4900	27,4900	25,7800			25,7800					
Warrant	NL0012470462	DJIND28360SPSO P ENG	EUR	40,0300	40,0300	38,3700			38,3700					
Warrant	NL0006422289	DSM 0.5SPLOPENG	EUR	73,7000	75,7800	73,7000			75,7800					
Warrant	NL0006428831	DSM 4.6SPLOPENG	EUR	69,9200	72,0000	69,9200			72,0000					
Warrant	NL0009231604	DSM 12.9SPLOPENG	EUR	62,1900	64,2700	62,1900			64,2700					
Warrant	NL0009232297	DSM 15.2SPLOPENG	EUR	60,0400	62,1200	60,0400			62,1200					
Warrant	NL0009234004	DSM 17.7SPLOPENG	EUR	57,7000	59,7800	57,7000			59,7800					
Warrant	NL0009367135	DSM 20.3SPLOPENG	EUR	55,3200	57,4000	55,3200			57,4000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL000981325	DSM 22.8SPLOPENG	EUR	52,9300	55,0100	52,9300			55,0100					
Warrant	NL0009906791	DSM 28.5SPLOPENG	EUR	47,6800	49,7600	47,6800			49,7600					
Warrant	NL0010212437	DSM 31.3SPLOPENG	EUR	45,0600	47,1400	45,0600			47,1400					
Warrant	NL0011011630	DSM 32.1SPLOPENG	EUR	42,3700	44,4500	42,3700			44,4500					
Warrant	NL0010215877	DSM 34.3SPLOPENG	EUR	42,2500	44,3300	42,2500			44,3300					
Warrant	NL0011629258	DSM 43.4SPLOPENG	EUR	33,7900	35,8700	33,7900			35,8700					
Warrant	NL0011843677	DSM 45.1SPLOPENG	EUR	29,3600	31,4400	29,3600			31,4400					
Warrant	NL0011846324	DSM 46.8SPLOPENG	EUR	30,6500	32,7300	30,6500			32,7300					
Warrant	NL0011848643	DSM 50.4SPLOPENG	EUR	27,2800	29,3600	27,2800	503,1000	2	29,3600	18				
Warrant	NL0012068050	DSM 54.2SPLOPENG	EUR	23,7100	25,8100	23,7100	1185,5000	1	25,8100	50				
Warrant	NL0012464895	DSM 66.9SPLOPENG	EUR	11,8800	13,9600	11,8800			13,9600					
Warrant	NL0012819379	DSM 76.8SPLOPENG	EUR											
Warrant	NL0012826150	DSM 82.2SPLOPENG	EUR											
Warrant	NL0012832349	DSM 87.4SPSOPENG	EUR	2,0500	2,0500	1,8400			1,8400					
Warrant	NL0012828461	DSM 87.8SPLOPENG	EUR											
Warrant	NL0012831218	DSM 87.9SPLOPENG	EUR											
Warrant	NL0012819486	DSM 93.9SPSOPENG	EUR	20,1400	20,1400	18,0400			18,0400					
Warrant	NL0012826341	DSM 100.5SPSOPENG	EUR	2,7400	2,7400	2,5300			2,5300					
Warrant	NL0011373006	DSM 30.22SPLOPENG	EUR	44,2400	46,3200	44,2400			46,3200					
Warrant	NL0010683074	DSM 34.14SPLOPENG	EUR	40,3200	42,4000	40,3200			42,4000					
Warrant	NL0011624077	DSM 40.43SPLOPENG	EUR	34,0300	36,1100	34,0300			36,1100					
Warrant	NL0011847975	DSM 50.21SPLOPENG	EUR	24,2500	26,3300	24,2500			26,3300					
Warrant	NL0012063739	DSM 52.92SPLOPENG	EUR	21,5400	23,6200	21,5400			23,6200					
Warrant	NL0012065171	DSM 55.76SPLOPENG	EUR	18,7000	20,7800	18,7000			20,7800					
Warrant	NL0012067557	DSM 58.76SPLOPENG	EUR	15,7700	17,8500	15,7700			17,8500					
Warrant	NL0011852975	DSM 60.46SPLOPENG	EUR											
Warrant	NL0012078612	DSM 61.81SPLOPENG	EUR	12,6500	14,7400	12,6500	103,1800	1	14,7300	7				
Warrant	NL0012461933	DSM 65.02SPLOPENG	EUR	9,4500	11,5300	9,4500			11,5300					
Warrant	NL0012462915	DSM 68.37SPLOPENG	EUR	6,0900	8,1700	6,0900			8,1700					
Warrant	NL0012464846	DSM 71.91SPLOPENG	EUR	2,5500	4,6300	2,5000	231,6000	6	4,6300	60				
Warrant	NL0012466197	DSM 75.61SPLOPENG	EUR											
Warrant	NL0012832851	DSM 79.39SPLOPENG	EUR											
Warrant	NL0012479679	DSM 79.45SPLOPENG	EUR											
Warrant	NL0012822670	DSM 83.48SPLOPENG	EUR											
Warrant	NL0012832109	DSM 87.32SPSOPENG	EUR	1,4200	1,4200	1,2100			1,2100					
Warrant	NL0012826333	DSM 87.53SPLOPENG	EUR											
Warrant	NL0012830095	DSM 87.65SPLOPENG	EUR											
Warrant	NL0012824791	DSM 88.19SPLOPENG	EUR											
Warrant	NL0011304332	EBAY 23SPLOPENG	EUR	5,8400	5,8400	5,8400			5,8400					
Warrant	NL0010939245	EBAY 6.5SPLOPENG	EUR	19,3600	19,3600	19,3600			19,3600					
Warrant	NL0010097705	ENGIE 7.1SPLOPENG	EUR	5,0700	5,0800	5,0700			5,0800					
Warrant	NL0009766021	ENGIE 8.2SPLOPENG	EUR	4,0300	4,0400	4,0300			4,0400					
Warrant	NL0012061410	ENGIE 8.8SPLOPENG	EUR	3,4900	3,5000	3,4900			3,5000					
Warrant	NL0010217501	ENGIE 9.5SPLOPENG	EUR	2,8400	2,8400	2,8400			2,8400					
Warrant	NL0012075493	ENGIE 10.9SPLOPENG	EUR	1,5800	1,5900	1,5000	4500,0000	1	1,5900	3000				
Warrant	NL0011204110	ENGIE 15.2SPSOPENG	EUR	4,9300	4,9300	4,9200			4,9200					
Warrant	NL0011024393	ENX 27SPLOPENG	EUR	28,9200	28,9200	28,9200			28,9200					
Warrant	NL0011371141	EON 4.6SPLOPENG	EUR	4,3300	4,3400	4,3300			4,3400					
Warrant	NL0011369756	EON 5.1SPLOPENG	EUR	3,8700	3,8900	3,8700			3,8900					
Warrant	NL0011373998	EON 5.6SPLOPENG	EUR	3,3900	3,4100	3,3900			3,4100					
Warrant	XS1748853030	ESTX STN0123B	EUR	87,7500	89,6500	87,7500			89,6500					
Warrant	XS1173152825	ESTX STN0220G	EUR	101,5500	102,4500	101,5500			102,4500					
Warrant	XS0914667166	ESTX STN0520G	EUR	109,0300	110,0400	109,0300			110,0400					
Warrant	XS1302980799	ESTX STN1020G	EUR	100,6000	101,7800	100,6000			101,7800					
Warrant	NL0006426546	ESTX 770SPLOPENG	EUR	24,1400	24,1400	24,1400			24,1400					
Warrant	NL0006420747	ESTX 1100SPLOPENG	EUR	20,9800	20,9800	20,9800			20,9800					
Warrant	NL0009105162	ESTX 1380SPLOPENG	EUR	18,2100	18,2100	18,2100			18,2100					
Warrant	NL0009880137	ESTX 1580SPLOPENG	EUR	16,3300	16,3300	16,3300			16,3300					
Warrant	NL0010205019	ESTX 1930SPLOPENG	EUR	12,9200	12,9200	12,9200			12,9200					
Warrant	NL0010208005	ESTX 2060SPLOPENG	EUR	11,6800	11,6800	11,6800			11,6800					
Warrant	NL0010355285	ESTX 2073SPLOPENG	EUR	10,9500	10,9500	10,9500			10,9500					
Warrant	NL0010343927	ESTX 2190SPLOPENG	EUR	10,3700	10,3700	10,3700			10,3700					
Warrant	NL0010466157	ESTX 2237SPLOPENG	EUR	9,3100	9,3100	9,3100			9,3100					
Warrant	NL0010468385	ESTX 2320SPLOPENG	EUR	8,4900	8,4900	8,4900			8,4900					
Warrant	NL0010527826	ESTX 2406SPLOPENG	EUR	7,6300	7,6300	7,6300			7,6300					
Warrant	NL0010529566	ESTX 2450SPLOPENG	EUR	7,9000	7,9000	7,9000			7,9000					
Warrant	NL0010536975	ESTX 2494SPLOPENG	EUR	6,7300	6,7300	6,7300			6,7300					
Warrant	NL0011619572	ESTX 2530SPLOPENG	EUR	7,1000	7,1000	7,1000			7,1000					
Warrant	NL0011619945	ESTX 2550SPLOPENG	EUR	6,1800	6,1800	6,1800			6,1800					
Warrant	NL0011849229	ESTX 2632SPLOPENG	EUR	5,3200	5,3200	5,3200			5,3200					
Warrant	NL0011851480	ESTX 2718SPLOPENG	EUR	4,1200	4,5000	4,1200	206,0000	1	4,5000	50				
Warrant	NL0011853122	ESTX 2805SPLOPENG	EUR	3,4300	3,6600	3,4100	383883,0000	10	3,5700	109900				



Instrument Type	Exchange Instrument ID	Instrument 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	NL0011853767	ESTX 2810SPLOPENG	EUR	4,3800	4,3800	4,3800			4,3800					
Warrant	NL0011862404	ESTX 2896SPLOPENG	EUR	2,7200	2,7200	2,7200			2,7200					
Warrant	NL0012061477	ESTX 2960SPLOPENG	EUR	2,9200	2,9200	2,9200			2,9200					
Warrant	NL0011862974	ESTX 2988SPLOPENG	EUR	1,7900	1,7900	1,7900			1,7900					
Warrant	NL0012062541	ESTX 3084SPLOPENG	EUR	0,9300	0,9300	0,8400	9300,0000	2	0,8400	10000				
Warrant	NL0012067243	ESTX 3110SPLOPENG	EUR											
Warrant	NL0012067342	ESTX 3181SPLOPENG	EUR											
Warrant	NL0012480206	ESTX 3270SPLOPENG	EUR											
Warrant	NL0012830541	ESTX 3276SPLOPENG	EUR											
Warrant	NL0012479653	ESTX 3279SPLOPENG	EUR											
Warrant	NL0012832554	ESTX 3337SPSOPENG	EUR	2,3500	2,3500	1,9100	22944,0000	6	1,9100	10800				
Warrant	NL0012824627	ESTX 3374SPLOPENG	EUR											
Warrant	NL0012832224	ESTX 3440SPSOPENG	EUR	4,2100	4,2100	3,9600	1052,5000	1	3,9600	250				
Warrant	NL0012832562	ESTX 3440SPSOPENG	EUR	2,9500	2,9500	2,9500			2,9500					
Warrant	NL0012829758	ESTX 3449SPSOPENG	EUR											
Warrant	NL0012070551	ESTX 3547SPSOPENG	EUR	4,0200	4,0200	4,0200			4,0200					
Warrant	NL0011206305	ESTX 3590SPSOPENG	EUR											
Warrant	NL0011193420	ESTX 3630SPSOPENG	EUR	5,8300	5,8300	5,8300			5,8300					
Warrant	NL0012071559	ESTX 3658SPSOPENG	EUR	5,1300	5,1300	5,1300			5,1300					
Warrant	NL0011304688	ESTX 3750SPSOPENG	EUR	7,0600	7,0600	7,0600			7,0600					
Warrant	NL0012073316	ESTX 3772SPSOPENG	EUR	6,2700	6,2700	6,2700			6,2700					
Warrant	NL0012463616	ESTX 3889SPSOPENG	EUR	7,4400	7,4400	7,4400			7,4400					
Warrant	NL0012075162	ESTX 3940SPSOPENG	EUR	9,0600	9,0600	9,0600			9,0600					
Warrant	XS1423752903	ESTX 4.915TN0621G	EUR	106,3700	107,0200	106,3700	21302,0000	1	107,0200	20000				
Warrant	NL0012466643	ESTX 4009SPSOPENG	EUR	8,6400	8,6400	8,6400			8,6400					
Warrant	NL0012072870	EUCHF 1.1SPLOPENG	EUR	5,1300	5,2300	5,1300			5,2300					
Warrant	NL0012827851	EUCHF 1.12SPLOPENG	EUR											
Warrant	NL0009620442	EUCHF 1.19SPSOPENG	EUR	6,7600	6,7600	6,6500			6,6500					
Warrant	NL0011013487	EUCHF0.975SPLOPENG	EUR	15,8500	15,9400	15,8500			15,9400					
Warrant	NL0011012224	EUCHF0.995SPLOPENG	EUR	14,1400	14,2400	14,1400			14,2400					
Warrant	NL0010969143	EUCHF1.016SPLOPENG	EUR	12,3900	12,4900	12,3900			12,4900					
Warrant	NL0010969135	EUCHF1.036SPLOPENG	EUR	10,6100	10,7000	10,6100			10,7000					
Warrant	NL0011017132	EUCHF1.057SPLOPENG	EUR	8,8100	8,9100	8,8100			8,9100					
Warrant	NL0011017934	EUCHF1.078SPLOPENG	EUR	6,9900	7,0900	6,9900			7,0900					
Warrant	NL0012076905	EUCHF1.141SPLOPENG	EUR											
Warrant	NL0012820492	EUCHF1.166SPSOPENG	EUR	4,6200	4,6200	4,5000			4,5000					
Warrant	NL0012467898	EUCHF1.214SPSOPENG	EUR	8,8900	8,8900	8,7700			8,7700					
Warrant	NL0011857123	EUGBP 0.95SPSOPENG	EUR	9,5000	9,5000	9,2400			9,2400					
Warrant	NL0011204490	EUGBP0.701SPLOPENG	EUR	22,2600	22,4400	22,2600			22,4400					
Warrant	NL0011027792	EUGBP0.723SPLOPENG	EUR	19,8500	20,0400	19,8500			20,0400					
Warrant	NL0011016282	EUGBP0.745SPLOPENG	EUR	17,3800	17,5700	17,3800			17,5700					
Warrant	NL0011487673	EUGBP0.768SPLOPENG	EUR	14,8900	15,0900	14,8900			15,0900					
Warrant	NL0011492160	EUGBP0.791SPLOPENG	EUR	12,3400	12,5400	12,3400			12,5400					
Warrant	NL0011844840	EUGBP0.839SPLOPENG	EUR	6,9900	7,2100	6,9900			7,2100					
Warrant	NL0011846076	EUGBP0.864SPLOPENG	EUR	4,2000	4,2000	4,2000			4,2000					
Warrant	NL0012466650	EUGBP0.895SPSOPENG	EUR											
Warrant	NL0011856810	EUGBP0.922SPSOPENG	EUR	6,3200	6,3200	6,0700			6,0700					
Warrant	NL0011857347	EUGBP0.984SPSOPENG	EUR	13,5400	13,5400	13,2700			13,2700					
Warrant	NL0011858725	EUIPY 108SPLOPENG	EUR	17,3900	17,5100	17,3900			17,5100					
Warrant	NL0011847058	EUIPY 111SPLOPENG	EUR	14,8400	14,9700	14,8400			14,9700					
Warrant	NL0010215604	EUIPY 115SPLOPENG	EUR	12,2100	12,3400	12,2100			12,3400					
Warrant	NL0011860366	EUIPY 118SPLOPENG	EUR	9,5700	9,7100	9,5700			9,7100					
Warrant	NL0011862198	EUIPY 120SPLOPENG	EUR											
Warrant	NL0012827034	EUIPY 122SPLOPENG	EUR	6,8500	6,9900	6,8500			6,9900					
Warrant	NL0010345732	EUIPY 124SPLOPENG	EUR											
Warrant	NL0012074744	EUIPY 125SPLOPENG	EUR											
Warrant	NL0012827844	EUIPY 125SPLOPENG	EUR	4,0500	4,1900	4,0500			4,1900					
Warrant	NL0012829972	EUIPY 129SPLOPENG	EUR											
Warrant	NL0012824692	EUIPY 129SPLOPENG	EUR											
Warrant	NL0012476022	EUIPY 133SPSOPENG	EUR											
Warrant	NL0010963674	EUIPY 137SPSOPENG	EUR	9,7600	9,7600	9,5900			9,5900					
Warrant	NL0010594255	EUIPY 140SPSOPENG	EUR	12,0100	12,0100	11,8300			11,8300					
Warrant	NL0010597480	EUIPY 143SPSOPENG	EUR	14,2400	14,2400	14,0600			14,0600					
Warrant	NL0010946653	EUIPY 145SPSOPENG	EUR	16,5200	16,5200	16,3400			16,3400					
Warrant	NL0010949699	EUIPY 148SPSOPENG	EUR	18,8500	18,8500	18,6600			18,6600					
Warrant	NL0010220356	EUNOK 8.2SPLOPENG	EUR	15,4200	15,4200	15,1400			15,1400					
Warrant	NL0011616107	EUNOK10.16SPSOPENG	EUR	9,0100	9,3300	9,0100			9,3300					
Warrant	NL0009910736	EUNOK8.453SPLOPENG	EUR	12,8000	12,8000	12,5100			12,5100					
Warrant	NL0010465266	EUNOK8.707SPLOPENG	EUR	10,1800	10,1800	9,8900			9,8900					
Warrant	NL0010468542	EUNOK8.968SPLOPENG	EUR	7,4800	7,4800	7,1800			7,1800					
Warrant	NL0012080378	EUNOK9.237SPLOPENG	EUR	4,7100	4,7100	4,4000			4,4000					
Warrant	NL0012064786	EUNOK9.433SPSOPENG	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	NL0012066013	EURAU1.389SPLOPENG	EUR	15,5000	15,5000	15,1400			15,1400					
Warrant	NL0010203212	EURAU1.432SPLOPENG	EUR	12,8900	12,8900	12,5100			12,5100					
Warrant	NL0012069017	EURAU1.474SPLOPENG	EUR	10,2700	10,2700	9,8800			9,8800					
Warrant	NL0012466841	EURAU1.519SPLOPENG	EUR	7,5800	7,5800	7,1700			7,1700					
Warrant	NL0012823421	EURAU1.564SPLOPENG	EUR	4,8100	4,8100	4,3900			4,3900					
Warrant	NL0010592663	EURAU1.672SPSOPENG	EUR	5,9100	6,3600	5,9100			6,3600					
Warrant	NL0010597969	EURAU1.705SPSOPENG	EUR	8,0200	8,4800	8,0200			8,4800					
Warrant	NL0011364039	EURAU1.756SPSOPENG	EUR	11,2500	11,7200	11,2500			11,7200					
Warrant	NL0011618418	EUUSD 1.15SPLOPENG	EUR											
Warrant	NL0011483144	EUUSD 1.09SPLOPENG	EUR	4,6000	4,6000	4,2400			4,2400					
Warrant	NL0012480933	EUUSD 1.23SPSOPENG	EUR	7,8600	8,2800	7,8600			8,2800					
Warrant	NL0012064760	EUUSD0.957SPLOPENG	EUR	17,6600	17,6600	17,3500			17,3500					
Warrant	NL0011627641	EUUSD0.959SPLOPENG	EUR	17,5500	17,5500	17,2300			17,2300					
Warrant	NL0012061865	EUUSD0.966SPLOPENG	EUR	16,8300	16,8300	16,5100			16,5100					
Warrant	NL0012068639	EUUSD1.013SPLOPENG	EUR	11,3800	11,3800	11,0400			11,0400					
Warrant	NL0012061857	EUUSD1.047SPLOPENG	EUR	8,3300	8,3300	7,9800			7,9800					
Warrant	NL0011861588	EUUSD1.058SPLOPENG	EUR	7,4100	7,4100	7,0600			7,0600					
Warrant	NL0011862222	EUUSD1.062SPLOPENG	EUR	8,6200	8,6200	8,2800			8,2800					
Warrant	NL0011861570	EUUSD1.068SPLOPENG	EUR	6,4800	6,4800	6,1300			6,1300					
Warrant	NL0011861562	EUUSD1.079SPLOPENG	EUR	5,5300	5,5300	5,1800			5,1800					
Warrant	NL0011483656	EUUSD1.085SPLOPENG	EUR											
Warrant	NL0011481619	EUUSD1.092SPLOPENG	EUR	6,0400	6,0400	5,6900			5,6900					
Warrant	NL0012069520	EUUSD1.096SPSOPENG	EUR											
Warrant	NL0011206313	EUUSD1.101SPLOPENG	EUR	3,6700	3,6700	3,3100			3,3100					
Warrant	NL0011205620	EUUSD1.103SPLOPENG	EUR	5,0700	5,0700	4,7100			4,7100					
Warrant	NL0011617212	EUUSD1.106SPLOPENG	EUR											
Warrant	NL0012063002	EUUSD1.112SPLOPENG	EUR	2,6800	2,6800	2,3100	121,0000	1	2,3100	50				
Warrant	NL0012063366	EUUSD1.114SPLOPENG	EUR	4,1100	4,1100	3,7500			3,7500					
Warrant	NL0012068621	EUUSD1.123SPLOPENG	EUR	1,6700	1,6800	1,2800	84,0000	1	1,2800	50				
Warrant	NL0012070486	EUUSD1.125SPLOPENG	EUR	3,1500	3,1500	2,7800			2,7800					
Warrant	NL0012070742	EUUSD1.134SPLOPENG	EUR	0,6800	0,6800	0,2900	827,4800	4	0,2900	2164				
Warrant	NL0012072862	EUUSD1.136SPLOPENG	EUR	2,2000	2,2000	1,8300			1,8300					
Warrant	NL0012071260	EUUSD1.136SPLOPENG	EUR											
Warrant	NL0012827588	EUUSD1.144SPLOPENG	EUR											
Warrant	NL0012832406	EUUSD1.145SPLOPENG	EUR											
Warrant	NL0012072391	EUUSD1.147SPLOPENG	EUR											
Warrant	NL0012828453	EUUSD1.148SPLOPENG	EUR											
Warrant	NL0012073191	EUUSD1.151SPLOPENG	EUR											
Warrant	NL0012828263	EUUSD1.154SPLOPENG	EUR											
Warrant	NL0012822092	EUUSD1.158SPLOPENG	EUR											
Warrant	NL0012830566	EUUSD1.165SPLOPENG	EUR											
Warrant	NL0012826838	EUUSD1.168SPSOPENG	EUR											
Warrant	NL0012831911	EUUSD1.169SPSOPENG	EUR	2,5300	2,9300	2,5300			2,9300					
Warrant	NL0012826895	EUUSD1.175SPSOPENG	EUR											
Warrant	NL0012822100	EUUSD1.181SPSOPENG	EUR											
Warrant	NL0012831465	EUUSD1.181SPSOPENG	EUR	3,6000	4,0000	3,6000			4,0000					
Warrant	NL0012825723	EUUSD1.187SPSOPENG	EUR	6,2500	6,6600	6,2500			6,6600					
Warrant	NL0012820500	EUUSD1.193SPSOPENG	EUR	4,6500	5,0500	4,6500			5,0500					
Warrant	NL0012822431	EUUSD1.199SPSOPENG	EUR	7,3400	7,7500	7,3400			7,7500					
Warrant	NL0012818934	EUUSD1.205SPSOPENG	EUR	5,7100	6,1200	5,7100			6,1200					
Warrant	NL0012819536	EUUSD1.212SPSOPENG	EUR	8,4200	8,8400	8,4200			8,8400					
Warrant	NL0012481121	EUUSD1.218SPSOPENG	EUR	6,7900	7,2000	6,7900			7,2000					
Warrant	NL0012819031	EUUSD1.224SPSOPENG	EUR	9,5300	9,9500	9,5300			9,9500					
Warrant	NL0012480859	EUUSD1.242SPSOPENG	EUR	8,9700	9,3900	8,9700			9,3900					
Warrant	NL0012474852	EUUSD1.255SPSOPENG	EUR	10,0900	10,5100	10,0900			10,5100					
Warrant	NL0010820270	EUUSD1.262SPSOPENG	EUR	12,8900	13,3300	12,8900			13,3300					
Warrant	NL0010816880	EUUSD1.268SPSOPENG	EUR	11,2300	11,6600	11,2300			11,6600					
Warrant	NL0010816674	EUUSD1.274SPSOPENG	EUR	14,0300	14,4700	14,0300			14,4700					
Warrant	NL0010814257	EUUSD1.281SPSOPENG	EUR	12,3700	12,8100	12,3700			12,8100					
Warrant	NL0010813200	EUUSD1.294SPSOPENG	EUR	13,5100	13,9500	13,5100			13,9500					
Warrant	NL0010755807	EUUSD1.307SPSOPENG	EUR	14,6300	15,0700	14,6300			15,0700					
Warrant	NL0010742177	EUUSD1.334SPSOPENG	EUR	17,0100	17,4600	17,0100			17,4600					
Warrant	NL0009757434	EUUSD1.341SPSOPENG	EUR	19,9900	20,4600	19,9900			20,4600					
Warrant	NL0010542510	EUUSD1.347SPSOPENG	EUR	18,1900	18,6400	18,1900			18,6400					
Warrant	NL0009231521	EUUSD1.354SPSOPENG	EUR	21,1700	21,6400	21,1700			21,6400					
Warrant	NL0012471247	EUUSD1.361SPSOPENG	EUR	19,3300	19,7900	19,3300			19,7900					
Warrant	NL0009234681	EUUSD1.394SPSOPENG	EUR	24,7100	25,2000	24,7100			25,2000					
Warrant	NL0009234731	EUUSD1.437SPSOPENG	EUR	28,6100	29,1100	28,6100			29,1100					
Warrant	NL0010685731	EUUSD1.452SPSOPENG	EUR	29,8900	30,3900	29,8900			30,3900					
Warrant	NL0011206354	EXXON 63SPLOPENG	EUR	1,7900	1,7900	1,7900			1,7900					
Warrant	DE000CJ3N9V0	FBOOK 165C 0319Z	EUR	0,2850	0,3150	0,2850			0,3150					
Warrant	DE000CJ3N9U2	FBOOK 165C 1218Z	EUR	0,1350	0,1450	0,1350			0,1450					



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
Warrant	DE000CV8AK54	FBOOK 180C 0319Z	EUR	0,1450	0,1550	0,1450			0,1550					
Warrant	DE000CV8AK47	FBOOK 180C 1218Z	EUR	0,0450	0,0470	0,0450			0,0470					
Warrant	DE000CV8AK62	FBOOK 200C 0319Z	EUR	0,0570	0,0590	0,0570			0,0590					
Warrant	DE000CV8APP9	FBOOK 200C 1218Z	EUR	0,0230	0,0240	0,0230			0,0240					
Warrant	NL0011622675	FBOOK 111.SPLOPENG	EUR	33,3900	33,3900	33,3900			33,3900					
Warrant	NL0010215331	FBOOK 25.8SPLOPENG	EUR	110,2500	110,2500	110,2500			110,2500					
Warrant	NL0010529012	FBOOK 33.4SPLOPENG	EUR	104,1500	104,1500	104,1500			104,1500					
Warrant	NL0010754057	FBOOK 70.8SPLOPENG	EUR	74,1900	74,1900	74,1900			74,1900					
Warrant	NL0011362421	FBOOK 86.7SPLOPENG	EUR	61,4100	61,4100	61,4100			61,4100					
Warrant	NL0011366455	FBOOK 92.8SPLOPENG	EUR	56,5500	56,5500	56,5500			56,5500					
Warrant	NL0011617725	FBOOK102.7SPLOPENG	EUR	40,7500	40,7500	40,7500			40,7500					
Warrant	NL0011625306	FBOOK106.2SPLOPENG	EUR	4,5800	4,5800	4,5800			4,5800					
Warrant	NL0011627096	FBOOK113.6SPLOPENG	EUR	4,0000	4,0000	4,0000			4,0000					
Warrant	NL0011630710	FBOOK116.6SPLOPENG	EUR	2,9800	2,9800	2,9800			2,9800					
Warrant	NL0010677035	FBOOK59.94SPLOPENG	EUR	78,3300	78,3300	78,3300			78,3300					
Warrant	NL0010756284	FBOOK72.92SPLOPENG	EUR	66,9200	66,9200	66,9200			66,9200					
Warrant	NL0010756276	FBOOK76.56SPLOPENG	EUR	63,7100	63,7100	63,7100			63,7100					
Warrant	NL0011365382	FBOOK88.66SPLOPENG	EUR	53,0700	53,0700	53,0700			53,0700					
Warrant	DE000CJ3N9X6	FMOTR 9C 0319Z	EUR	0,5250	0,5250	0,5250			0,5250					
Warrant	DE000CV8AM45	FMOTR 10C 1218Z	EUR	0,0960	0,0960	0,0960			0,0960					
Warrant	DE000CV8AK70	FMOTR 11C 1218Z	EUR	0,0470	0,0470	0,0370			0,0370					
Warrant	DE000CJ3N9W8	FMOTR 8.9C 1218Z	EUR	0,3650	0,3650	0,3650			0,3650					
Warrant	DE000CV8AY25	FMOTR 9.5C 1218Z	EUR	0,1750	0,1750	0,1750			0,1750					
Warrant	DE000CV8AM52	FMOTR 10.5C 1218Z	EUR	0,0580	0,0580	0,0580			0,0580					
Warrant	NL0006423832	FUGRO 6.7SPLOPENG	EUR	4,1900	4,6300	4,1900			4,6300					
Warrant	NL0010944492	FUGRO 8.9SPLOPENG	EUR	2,2900	2,7300	2,2100	2210,0000	1	2,7300	1000				
Warrant	NL0010944484	FUGRO 9.5SPLOPENG	EUR	1,7300	2,1800	1,7300	16454,0000	4	2,1700	7900				
Warrant	NL0010944476	FUGRO 10.1SPLOPENG	EUR											
Warrant	NL0012829345	FUGRO 10.1SPLOPENG	EUR	1,1300	1,1300	1,1300			1,1300					
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 12.2SPLOPENG	EUR	3,3500	3,3500	2,9000			2,9000					
Warrant	NL0012829352	FUGRO 12.2SPLOPENG	EUR											
Warrant	NL0012827208	FUGRO 13.4SPLOPENG	EUR	4,6900	4,6900	4,2500			4,2500					
Warrant	NL0012071146	FUGRO 14.7SPLOPENG	EUR	6,1500	6,1500	5,7000			5,7000					
Warrant	NL0011844725	FUGRO 16.2SPLOPENG	EUR	7,8000	7,8000	7,3500			7,3500					
Warrant	NL0012829220	FUGRO 8.64SPLOPENG	EUR	1,8700	2,3100	1,8700			2,3100					
Warrant	NL0012078604	FUGRO 9.08SPLOPENG	EUR	1,4300	1,8700	1,4300			1,8700					
Warrant	NL0012078216	FUGRO 9.54SPLOPENG	EUR	0,9600	1,4000	0,9600	1300,0000	1	1,4000	1000				
Warrant	NL0012077895	FUGRO10.01SPLOPENG	EUR											
Warrant	NL0012829782	FUGRO10.02SPLOPENG	EUR	0,4800	0,9200	0,2600	1506,0000	5	0,9200	3100				
Warrant	NL0012478770	FUGRO10.52SPLOPENG	EUR											
Warrant	NL0012829774	FUGRO10.52SPLOPENG	EUR											
Warrant	NL0012829238	FUGRO10.98SPLOPENG	EUR											
Warrant	NL0012830814	FUGRO11.05SPLOPENG	EUR											
Warrant	NL0012823736	FUGRO11.05SPLOPENG	EUR											
Warrant	NL0012831838	FUGRO11.06SPLOPENG	EUR											
Warrant	NL0012826713	FUGRO11.61SPLOPENG	EUR											
Warrant	NL0012831820	FUGRO11.61SPLOPENG	EUR											
Warrant	NL0012828131	FUGRO11.62SPLOPENG	EUR											
Warrant	NL0012832695	FUGRO11.78SPLOPENG	EUR	1,7400	1,7400	1,3000	249,2000	1	1,3000	178				
Warrant	NL0012827414	FUGRO12.68SPLOPENG	EUR	2,6400	2,6400	2,2000			2,2000					
Warrant	NL0012824759	FUGRO12.73SPLOPENG	EUR											
Warrant	NL0012824221	FUGRO13.64SPLOPENG	EUR	3,6000	3,6000	3,1500			3,1500					
Warrant	NL0012073159	FUGRO14.68SPLOPENG	EUR	4,6300	4,6300	4,1900			4,1900					
Warrant	NL0012066567	FUGRO16.98SPLOPENG	EUR	6,9400	6,9400	6,5000			6,5000					
Warrant	NL0011630934	FUGRO18.28SPLOPENG	EUR	8,2400	8,2400	7,8000			7,8000					
Warrant	DE000CV89TR4	G1A 28C 0619Z	EUR	0,1050	0,1550	0,1050			0,1550					
Warrant	DE000CV89TQ6	G1A 32C 0619Z	EUR	0,0430	0,0660	0,0430			0,0660					
Warrant	DE000CV89TP8	G1A 40C 0619Z	EUR	0,0100	0,0120	0,0100			0,0120					
Warrant	NL0012467997	GAS 2.55PLOPENG	EUR	0,7700	0,8000	0,7700			0,8000					
Warrant	NL0012827661	GAS 2.95PLOPENG	EUR											
Warrant	NL0012462246	GAS 3.35PLOPENG	EUR											
Warrant	NL0010963401	GAS 4.85PLOPENG	EUR	2,0100	2,0100	2,0000			2,0000					
Warrant	NL0012473029	GAS 1.99SPLOPENG	EUR	1,1900	1,2200	1,1900			1,2200					
Warrant	NL0012467732	GAS 2.13SPLOPENG	EUR	1,0800	1,1100	1,0800			1,1100					
Warrant	NL0012476675	GAS 2.63SPLOPENG	EUR	0,6700	0,6900	0,6700			0,6900					
Warrant	NL0012827026	GAS 2.76SPLOPENG	EUR											
Warrant	NL0012829691	GAS 2.77SPLOPENG	EUR	0,5600	0,5800	0,5600			0,5800					
Warrant	NL0012831077	GAS 2.91SPLOPENG	EUR	0,4400	0,4600	0,4400			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
Warrant	NL0012831507	GAS 3.06SPLOPENG	EUR											
Warrant	NL0012477954	GAS 3.075SPSOPENG	EUR											
Warrant	NL0012831903	GAS 3.22SPLOPENG	EUR											
Warrant	NL0012066203	GAS 3.555SPSOPENG	EUR	0,6100	0,6100	0,6000			0,6000					
Warrant	NL0011374814	GAS 4.285SPSOPENG	EUR	1,3900	1,3900	1,3700								
Warrant	NL0009111327	GBL 36.35PLOPENG	EUR	44,0700	45,9900	44,0700				45,9900				
Warrant	NL0010104246	GBL 40.25PLOPENG	EUR	40,4600	42,3800	40,4600				42,3800				
Warrant	NL0010207197	GBL 45.35PLOPENG	EUR	35,7800	37,7000	35,7800				37,7000				
Warrant	NL0010597985	GBL 56.25PLOPENG	EUR	25,5900	27,5100	25,5900				27,5100				
Warrant	NL0011850888	GBL 67.85PLOPENG	EUR	14,7800	16,7000	14,7800				16,7000				
Warrant	NL0012823413	GBPUS 1.355SPSOPENG	EUR	7,7400	8,4700	7,7400				8,4700				
Warrant	NL0011479696	GBPUS 1.485SPSOPENG	EUR	19,3200	20,0900	19,3200				20,0900				
Warrant	NL0010597506	GBPUS 1.675SPSOPENG	EUR	36,3000	37,1500	36,3000				37,1500				
Warrant	NL0010741112	GBPUS 1.725SPSOPENG	EUR	40,7700	41,6400	40,7700				41,6400				
Warrant	NL0011857040	GBPUS1.209SPLOPENG	EUR	9,0100	9,0100	8,3400				8,3400				
Warrant	NL0011856844	GBPUS1.246SPLOPENG	EUR	5,7900	5,7900	5,1100				5,1100				
Warrant	NL0012068787	GBPUS1.276SPLOPENG	EUR											
Warrant	NL0012829717	GBPUS1.284SPLOPENG	EUR	2,5700	2,5700	2,5700				2,5700				
Warrant	NL0012481493	GBPUS1.392SPSOPENG	EUR	11,4800	12,2300	11,4800				12,2300				
Warrant	NL0010964243	GBPUS1.403SPLOPENG	EUR											
Warrant	NL0012471197	GBPUS1.435SPSOPENG	EUR	15,3400	16,1000	15,3400				16,1000				
Warrant	NL0010944336	GBPUS1.526SPSOPENG	EUR	23,4200	24,2200	23,4200				24,2200				
Warrant	NL0010816260	GBPUS1.573SPSOPENG	EUR	27,6100	28,4200	27,6100				28,4200				
Warrant	NL0010542247	GBPUS1.621SPSOPENG	EUR	31,9700	32,8000	31,9700				32,8000				
Warrant	DE000CV8AKA2	GILEA 80C 0319Z	EUR	0,1650	0,1650	0,1650				0,1650				
Warrant	DE000CV8AK96	GILEA 80C 1218Z	EUR	0,0640	0,0650	0,0640				0,0650				
Warrant	DE000CV8AKB0	GILEA 90C 0319Z	EUR	0,0550	0,0580	0,0550				0,0580				
Warrant	NL0011845391	GLPG 47SPLOPENG	EUR	45,8400	45,8400	43,6100				43,6100				
Warrant	NL0012075774	GLPG 63SPLOPENG	EUR	31,2800	31,2800	29,0500				29,0500				
Warrant	DE000CV89557	GLPG 80C 1218Z	EUR	1,8800	1,8800	1,8800				1,8800				
Warrant	DE000CV895T5	GLPG 88C 1218Z	EUR	1,0150	1,0150	1,0150				1,0150				
Warrant	DE000CV8B045	GLPG 90C 0319Z	EUR	0,7000	0,7000	0,7000				0,7000				
Warrant	NL0012826432	GLPG 93SPLOPENG	EUR											
Warrant	DE000CV8AMP6	GLPG 98C 1218Z	EUR	0,2200	0,2200	0,2200				0,2200				
Warrant	DE000CV8AMQ4	GLPG 100C 0319Z	EUR	0,4150	0,4150	0,4150				0,4150				
Warrant	DE000CJ3PJX1	GLPG 105C 0619Z	EUR	0,5250	0,5250	0,5250				0,5250				
Warrant	DE000CV8AQX1	GLPG 108C 1218Z	EUR	0,1090	0,1090	0,1090				0,1090				
Warrant	DE000CV8AQY9	GLPG 110C 0319Z	EUR	0,2500	0,2500	0,2500				0,2500				
Warrant	NL0011845383	GLPG 36.35PLOPENG	EUR	55,5800	55,5800	53,3500				53,3500				
Warrant	NL0011844139	GLPG 41.55PLOPENG	EUR	50,8400	50,9100	48,6100	1626,1800	2		48,6100	32			
Warrant	NL0011844121	GLPG 43.75PLOPENG	EUR	48,8400	48,8400	46,6100	48,7500	1		46,6100	1			
Warrant	NL0011859525	GLPG 49.35PLOPENG	EUR	43,7100	43,7100	41,4800				41,4800				
Warrant	NL0012065239	GLPG 51.65PLOPENG	EUR	37,6600	37,6600	35,4300				35,4300				
Warrant	NL0011859517	GLPG 54.45PLOPENG	EUR	39,0900	39,0900	36,8600	782,0600	2		36,8600	21			
Warrant	NL0012064141	GLPG 55.75PLOPENG	EUR	33,6800	33,6800	31,4500	4898,5000	2		31,4500	150			
Warrant	NL0012063341	GLPG 57.15PLOPENG	EUR	36,6300	36,6300	34,4000				34,4000				
Warrant	NL0012064125	GLPG 59.25PLOPENG	EUR	30,1000	30,1000	27,8700				27,8700				
Warrant	NL0012065221	GLPG 62.25PLOPENG	EUR	27,0100	27,4500	24,8900	3231,1800	2		24,8900	118			
Warrant	NL0012468078	GLPG 69.55PLOPENG	EUR	25,3900	25,3900	23,1600				23,1600				
Warrant	NL0012822720	GLPG 76.65PLOPENG	EUR	18,9100	18,9100	16,6800				16,6800				
Warrant	NL0012823843	GLPG 80.35PLOPENG	EUR											
Warrant	NL0012831713	GLPG 80.45PLOPENG	EUR	15,4300	15,4300	13,2000				13,2000				
Warrant	NL0012827521	GLPG 84.35PLOPENG	EUR											
Warrant	NL0012831705	GLPG 84.55PLOPENG	EUR											
Warrant	NL0012825491	GLPG 88.45PLOPENG	EUR											
Warrant	NL0012826572	GLPG 88.55PLOPENG	EUR											
Warrant	NL0012833123	GLPG 88.75PLOPENG	EUR											
Warrant	NL0012826234	GLPG 92.95PLOPENG	EUR											
Warrant	NL0012826747	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 108.75SPSOPENG	EUR	32,4300	34,5900	32,4300				34,5900				
Warrant	NL0012829881	GLPG 112.85SPSOPENG	EUR	26,1200	28,2800	26,1200				28,2800				
Warrant	NL0012077937	GLPG 66.27SPLOPENG	EUR	23,0600	23,0600	19,7500	987,5000	1		20,8300	50			
Warrant	NL0012078240	GLPG 69.58SPLOPENG	EUR	19,7200	19,7200	16,1900	2260,3900	4		17,4900	129			
Warrant	NL0012822761	GLPG 73.07SPLOPENG	EUR	16,9800	17,2100	14,0800	16026,8200	7		14,7500	986			
Warrant	NL0012822753	GLPG 76.73SPLOPENG	EUR	13,3200	13,3200	9,6300	4843,0200	11		11,0900	413			
Warrant	NL0012823942	GLPG 80.41SPLOPENG	EUR											
Warrant	NL0012829873	GLPG 80.57SPLOPENG	EUR	9,4800	9,4800	5,8200	6406,2200	7		7,2500	792			



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012824270	GLPG 84.43SPLOPENG	EUR											
Warrant	NL0012829865	GLPG 84.56SPLOPENG	EUR											
Warrant	NL0012832869	GLPG 84.61SPLOPENG	EUR	5,4400	5,9500	2,2300	9521,1500	13	2,2300	2103				
Warrant	NL0012825145	GLPG 88.54SPLOPENG	EUR											
Warrant	NL0012826440	GLPG 88.59SPLOPENG	EUR											
Warrant	NL0012829857	GLPG 88.79SPLOPENG	EUR											
Warrant	NL0012833214	GLPG 88.84SPLOPENG	EUR											
Warrant	NL0012825863	GLPG 92.95SPLOPENG	EUR											
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	NL0012462956	GMLTO 30.35PLOPENG	EUR	20,2800	20,2800	20,2600				20,2600				
Warrant	NL0012462345	GMLTO 30.95PLOPENG	EUR	21,5500	21,5500	21,5300				21,5300				
Warrant	NL0012469712	GMLTO 40.55PLOPENG	EUR	12,6600	12,6600	12,6400				12,6400				
Warrant	NL0012473177	GMLTO 46.45PLOPENG	EUR	7,1700	7,1700	7,1500				7,1500				
Warrant	NL0012470892	GMLTO 47.15PLOPENG	EUR	3,6000	3,6000	3,5800				3,5800				
Warrant	NL0011366471	GMLTO 65.95SPSOPENG	EUR	20,9900	20,9900	20,9700				20,9700				
Warrant	NL0012463509	GMLTO27.37SPLOPENG	EUR	23,2300	23,2300	23,2100				23,2100				
Warrant	NL0012467054	GMLTO31.83SPLOPENG	EUR	18,8700	18,8700	18,8500				18,8500				
Warrant	NL0012832125	GMLTO51.95SPSOPENG	EUR	2,1400	2,1400	2,1200				2,1200				
Warrant	NL0012063044	GMLTO52.59SPLOPENG	EUR											
Warrant	NL0012071807	GMLTO52.86SPLOPENG	EUR											
Warrant	NL0012072581	GMLTO55.87SPSOPENG	EUR	5,9300	5,9300	5,9100				5,9100				
Warrant	NL0006408544	GOLD 768SPLOPENG	EUR	43,0200	43,0200	42,4900				42,4900				
Warrant	NL0006408551	GOLD 832SPLOPENG	EUR	37,5700	37,5700	37,0100				37,0100				
Warrant	NL0006408569	GOLD 896SPLOPENG	EUR	32,1200	32,1200	31,5400				31,5400				
Warrant	NL0012827562	GOLD 915SPLOPENG	EUR	30,5000	30,5000	29,9200				29,9200				
Warrant	NL0012827570	GOLD 950SPLOPENG	EUR	27,5000	27,5000	26,9100				26,9100				
Warrant	NL0006423535	GOLD 980SPLOPENG	EUR	24,8900	24,8900	24,2900				24,2900				
Warrant	NL0012827554	GOLD 990SPLOPENG	EUR	24,0800	24,0800	23,4700				23,4700				
Warrant	NL0012827547	GOLD 1015SPLOPENG	EUR	21,9300	21,9300	21,3200				21,3200				
Warrant	NL0011483169	GOLD 1023SPLOPENG	EUR	18,9900	18,9900	18,3600				18,3600				
Warrant	NL0006425571	GOLD 1042SPLOPENG	EUR	19,6000	19,6000	18,9800				18,9800				
Warrant	NL0011480074	GOLD 1044SPLOPENG	EUR	17,1800	17,1800	16,5400				16,5400				
Warrant	NL0011304779	GOLD 1065SPLOPENG	EUR	15,3100	15,3100	14,6600				14,6600				
Warrant	NL0009105469	GOLD 1080SPLOPENG	EUR	16,3900	16,3900	15,7500				15,7500				
Warrant	NL0011303797	GOLD 1087SPLOPENG	EUR	13,4100	13,4100	12,7500				12,7500				
Warrant	NL0011303789	GOLD 1109SPLOPENG	EUR	11,4700	11,4700	10,8100				10,8100				
Warrant	NL0011618392	GOLD 1116SPLOPENG	EUR	13,3700	13,3700	12,7200				12,7200				
Warrant	NL0009107663	GOLD 1118SPLOPENG	EUR	13,1800	13,1800	12,5300				12,5300				
Warrant	NL0010944815	GOLD 1132SPLOPENG	EUR	9,4800	9,4800	8,8200				8,8200				
Warrant	NL0011480942	GOLD 1140SPLOPENG	EUR	11,2700	11,2700	10,6100				10,6100				
Warrant	NL0011487533	GOLD 1154SPLOPENG	EUR	7,5000	7,5000	6,8200				6,8200				
Warrant	NL0011488671	GOLD 1163SPLOPENG	EUR	9,3300	9,3300	8,6700				8,6700				
Warrant	NL0011493820	GOLD 1168SPLOPENG	EUR											
Warrant	NL0012827679	GOLD 1178SPLOPENG	EUR	5,3900	5,4000	4,7200	1030,0000	2	4,7200	200				
Warrant	NL0011493192	GOLD 1178SPLOPENG	EUR											
Warrant	NL0012827638	GOLD 1182SPLOPENG	EUR											
Warrant	NL0012831473	GOLD 1187SPLOPENG	EUR											
Warrant	NL0012832018	GOLD 1188SPLOPENG	EUR	7,3500	7,3500	6,6700				6,6700				
Warrant	NL0012062491	GOLD 1192SPLOPENG	EUR											
Warrant	NL0012832786	GOLD 1201SPLOPENG	EUR	3,3900	3,4500	2,6700	318,7500	2	2,6900	115				
Warrant	NL0012062798	GOLD 1202SPLOPENG	EUR											
Warrant	NL0012832653	GOLD 1212SPLOPENG	EUR	5,3300	5,3300	4,6400				4,6400				
Warrant	NL0012826978	GOLD 1220SPSOPENG	EUR											
Warrant	NL0011634399	GOLD 1227SPLOPENG	EUR											
Warrant	NL0012826937	GOLD 1228SPSOPENG	EUR											
Warrant	NL0012068910	GOLD 1232SPLOPENG	EUR											
Warrant	NL0011634522	GOLD 1240SPLOPENG	EUR											
Warrant	NL0012070213	GOLD 1244SPLOPENG	EUR											
Warrant	NL0011858428	GOLD 1251SPLOPENG	EUR											
Warrant	NL0012824635	GOLD 1253SPSOPENG	EUR	1,6000	2,3100	1,6000	130,2000	3	2,3100	60				
Warrant	NL0012825897	GOLD 1257SPSOPENG	EUR	5,2200	5,9500	5,2200				5,9500				
Warrant	NL0012826465	GOLD 1264SPSOPENG	EUR	2,5500	3,2600	2,5500				3,2600				
Warrant	NL0012822738	GOLD 1279SPSOPENG	EUR	3,8700	4,5900	3,8700				4,5900				
Warrant	NL0012822050	GOLD 1305SPSOPENG	EUR	6,1400	6,8700	6,1400				6,8700				
Warrant	NL0012819601	GOLD 1332SPSOPENG	EUR	8,4800	9,2100	8,4800	8735,0000	2	9,2100	1000				
Warrant	NL0012480412	GOLD 1359SPSOPENG	EUR	10,8600	11,6000	10,8600				11,6000				
Warrant	NL0011850722	GOLD 1378SPSOPENG	EUR	16,1000	16,8600	16,1000				16,8600				
Warrant	NL0010358610	GOLD 1387SPSOPENG	EUR	13,0800	13,8400	13,0800				13,8400				
Warrant	NL0010358453	GOLD 1420SPSOPENG	EUR	19,9500	20,7300	19,9500				20,7300				



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
Warrant	NL0012079537	GOLD 1426SPSOPENG	EUR	16,7500	17,5200	16,7500			17,5200					
Warrant	NL0010357943	GOLD 1457SPSOPENG	EUR	23,2400	24,0300	23,2400			24,0300					
Warrant	NL0010209201	GOLD 1656SPSOPENG	EUR	36,6500	37,5000	36,6500			37,5000					
Warrant	NL0009765932	GOLD 1827SPSOPENG	EUR	56,7300	57,6600	56,7300			57,6600					
Warrant	NL0009876564	GOLD 1919SPSOPENG	EUR	64,9900	65,9500	64,9900			65,9500					
Warrant	NL0006427791	HEINK 9SPLOPENG	EUR	69,4000	69,7200	69,4000			69,7200					
Warrant	NL0009110154	HEINK 18.5SPLOPENG	EUR	60,6600	60,9800	60,6600			60,9800					
Warrant	NL0009766724	HEINK 26.45PLOPENG	EUR	53,3100	53,6300	53,3100			53,6300					
Warrant	NL0010085627	HEINK 36.1SPLOPENG	EUR	44,2300	44,5500	44,2300			44,5500					
Warrant	NL0010202412	HEINK 38.35PLOPENG	EUR	42,1500	42,4700	42,1500			42,4700					
Warrant	NL0010689527	HEINK 44.95PLOPENG	EUR	36,0300	36,3500	36,0300			36,3500					
Warrant	NL0010812129	HEINK 48.55PLOPENG	EUR	32,7000	33,0200	32,7000			33,0200					
Warrant	NL0010830899	HEINK 52.35PLOPENG	EUR	29,1400	29,4600	29,1400			29,4600					
Warrant	NL0010968715	HEINK 56.45PLOPENG	EUR	25,3300	25,6500	25,3300			25,6500					
Warrant	NL0011016357	HEINK 60.85PLOPENG	EUR	21,2600	21,5800	21,2600			21,5800					
Warrant	NL0011362264	HEINK 65.45PLOPENG	EUR	17,0000	17,3200	17,0000			17,3200					
Warrant	NL0012069546	HEINK 77.35PLOPENG	EUR											
Warrant	NL0012474688	HEINK 80.55PLOPENG	EUR											
Warrant	NL0012825434	HEINK 86.55PLOPENG	EUR											
Warrant	NL0010679700	HEINK43.05SPLOPENG	EUR	35,1100	35,4300	35,1100			35,4300					
Warrant	NL0010689758	HEINK45.54SPLOPENG	EUR	32,6200	32,9400	32,6200			32,9400					
Warrant	NL0010743142	HEINK48.13SPLOPENG	EUR	30,0400	30,3600	30,0400			30,3600					
Warrant	NL0010813705	HEINK50.82SPLOPENG	EUR	27,3400	27,6600	27,3400			27,6600					
Warrant	NL0010940037	HEINK53.65SPLOPENG	EUR	24,5100	24,8300	24,5100			24,8300					
Warrant	NL0010967618	HEINK56.62SPLOPENG	EUR	21,5400	21,8600	21,5400			21,8600					
Warrant	NL0011011606	HEINK59.74SPLOPENG	EUR	18,4200	18,7400	18,4200			18,7400					
Warrant	NL0011022132	HEINK63.02SPLOPENG	EUR	15,1400	15,4600	15,1400			15,4600					
Warrant	NL0011363098	HEINK66.41SPLOPENG	EUR	11,7700	12,0900	11,7700			12,0900					
Warrant	NL0012065379	HEINK69.86SPLOPENG	EUR	8,3500	8,6700	8,3500			8,6700					
Warrant	NL0012066179	HEINK73.52SPLOPENG	EUR	4,7000	5,0200	4,7000			5,0200					
Warrant	NL0012833172	HEINK77.21SPLOPENG	EUR											
Warrant	NL0011844360	HEINK77.66SPLOPENG	EUR											
Warrant	NL0012473532	HEINK81.17SPLOPENG	EUR											
Warrant	NL0012823744	HEINK85.21SPLOPENG	EUR											
Warrant	NL0012825095	HEINK89.96SPLOPENG	EUR											
Warrant	NL0012826242	HEINK91.33SPSOPENG	EUR	14,0400	14,0400	13,0100	52,2000	4	13,7000	4				
Warrant	NL0012469381	HEINK98.21SPSOPENG	EUR	21,0200	21,0200	20,6800			20,6800					
Warrant	NL0010458808	HENKE 66SPLOPENG	EUR	32,0300	33,3300	32,0300			33,3300					
Warrant	NL0010466041	HENKE 54.65PLOPENG	EUR	42,7300	44,0300	42,7300			44,0300					
Warrant	NL0010458881	HENKE 59.25PLOPENG	EUR	38,4200	39,7200	38,4200			39,7200					
Warrant	NL0010526380	HENKE 71.25PLOPENG	EUR	27,2600	28,5600	27,2600			28,5600					
Warrant	NL0010946323	HENKE 78.15PLOPENG	EUR	20,8100	22,1100	20,8100			22,1100					
Warrant	NL0010953790	HENKE 85.75PLOPENG	EUR	13,7700	15,0700	13,7700			15,0700					
Warrant	NL0012825483	HENKE101.65PLOPENG	EUR											
Warrant	NL0011493523	HSCEI 6120SPLOPENG	EUR	4,7600	4,9800	4,7600			4,9800					
Warrant	NL0011491485	HSCEI 6500SPLOPENG	EUR	4,3500	4,5700	4,3500			4,5700					
Warrant	NL0011623467	HSCEI 6880SPLOPENG	EUR	3,9500	4,1600	3,9500			4,1600					
Warrant	NL0011623566	HSCEI 7280SPLOPENG	EUR	3,5200	3,7300	3,5200			3,7300					
Warrant	NL0011847231	HSCEI 7680SPLOPENG	EUR	3,0900	3,3000	3,0900			3,3000					
Warrant	NL0011849088	HSCEI 8110SPLOPENG	EUR	2,6300	2,8500	2,6300			2,8500					
Warrant	NL0011850003	HSCEI 8560SPLOPENG	EUR	2,1600	2,3700	2,1600			2,3700					
Warrant	NL0012064182	HSCEI 9020SPLOPENG	EUR	1,6600	1,8700	1,6600			1,8700					
Warrant	NL0012072433	HSCEI 9510SPLOPENG	EUR	1,1900	1,3600	1,1900			1,3600					
Warrant	NL0011488754	HSCEI 9540SPSOPENG	EUR											
Warrant	NL0012075915	HSCEI10010SPLOPENG	EUR											
Warrant	NL0012825640	HSCEI10510SPLOPENG	EUR											
Warrant	NL0012828032	HSCEI10520SPLOPENG	EUR											
Warrant	NL0012828040	HSCEI11130SPSOPENG	EUR	1,8900	1,8900	1,7300			1,7300					
Warrant	NL0012825657	HSCEI11720SPSOPENG	EUR	2,5800	2,5800	2,4300			2,4300					
Warrant	NL0012475719	HSCEI12340SPSOPENG	EUR	3,3100	3,3100	3,1600			3,1600					
Warrant	NL0012472971	HSCEI13010SPSOPENG	EUR	4,1000	4,1000	3,9500			3,9500					
Warrant	NL0012469787	HSCEI13720SPSOPENG	EUR	4,9300	4,9300	4,7900			4,7900					
Warrant	NL0012471114	HSCEI14430SPSOPENG	EUR	5,7700	5,7700	5,6200			5,6200					
Warrant	NL0006408130	HSI 4960SPLOPENG	EUR	22,3900	22,8800	22,3900			22,8800					
Warrant	NL0006429086	HSI 6900SPLOPENG	EUR	20,3200	20,8000	20,3200			20,8000					
Warrant	NL0009107994	HSI 11280SPLOPENG	EUR	15,6500	16,1100	15,6500			16,1100					
Warrant	NL0009881267	HSI 12130SPLOPENG	EUR	14,8100	15,2700	14,8100			15,2700					
Warrant	NL0009902261	HSI 13920SPLOPENG	EUR	12,9000	13,3500	12,9000			13,3500					
Warrant	NL0010098232	HSI 14900SPLOPENG	EUR	11,8600	12,3100	11,8600			12,3100					
Warrant	NL0010103727	HSI 15900SPLOPENG	EUR	10,7900	11,2300	10,7900			11,2300					
Warrant	NL0010208468	HSI 16940SPLOPENG	EUR	9,6700	10,1200	9,6700			10,1200					
Warrant	NL0011623558	HSI 17910SPLOPENG	EUR	8,6400	9,0700	8,6400			9,0700					



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	NL0011845490	HSI 18910SPLOPENG	EUR	7,5700	8,0100	7,5700			8,0100					
Warrant	NL0011849997	HSI 19960SPLOPENG	EUR	6,4600	6,8900	6,4600			6,8900					
Warrant	NL0012064562	HSI 21040SPLOPENG	EUR	5,3000	5,7200	5,3000			5,7200					
Warrant	NL0012065874	HSI 22190SPLOPENG	EUR	4,0800	4,5000	4,0800			4,5000					
Warrant	NL0012072417	HSI 23380SPLOPENG	EUR	2,8100	3,2200	2,8100			3,2200					
Warrant	NL0012075907	HSI 24600SPLOPENG	EUR	1,5000	1,9100	1,5000			1,9100					
Warrant	NL0012077721	HSI 25890SPLOPENG	EUR											
Warrant	NL0012828313	HSI 27200SPLOPENG	EUR											
Warrant	NL0012833347	HSI 27260SPSOPENG	EUR	4,4900	4,4900	4,1000			4,1000					
Warrant	NL0012462733	HSI 27280SPLOPENG	EUR											
Warrant	NL0012822027	HSI 30250SPSOPENG	EUR	7,9600	7,9600	7,5800			7,5800					
Warrant	NL0012472963	HSI 31870SPSOPENG	EUR	9,8600	9,8600	9,4900			9,4900					
Warrant	NL0012469761	HSI 33590SPSOPENG	EUR	11,8900	11,8900	11,5300			11,5300					
Warrant	NL0009901933	IBEX 4050SPLOPENG	EUR	4,9400	4,9400	4,9400			4,9400					
Warrant	NL0010203337	IBEX 4370SPLOPENG	EUR	4,5600	4,6700	4,5600			4,6700					
Warrant	NL0010203733	IBEX 4710SPLOPENG	EUR	4,2500	4,3600	4,2500			4,3600					
Warrant	NL0010204335	IBEX 5060SPLOPENG	EUR	3,9100	4,0300	3,9100			4,0300					
Warrant	NL0010207106	IBEX 5820SPLOPENG	EUR	3,1700	3,2800	3,1700			3,2800					
Warrant	NL0010528964	IBEX 6630SPLOPENG	EUR	2,4200	2,5300	2,4200			2,5300					
Warrant	NL0010530408	IBEX 7060SPLOPENG	EUR	2,0100	2,1200	2,0100			2,1200					
Warrant	NL0011847686	IBEX 7450SPLOPENG	EUR	1,6400	1,7500	1,6400			1,7500					
Warrant	NL0011850813	IBEX 7860SPLOPENG	EUR	1,2500	1,3600	1,2500			1,3600					
Warrant	NL0011862859	IBEX 8280SPLOPENG	EUR	0,8500	0,9600	0,8500			0,9600					
Warrant	NL0012829295	IBEX 8520SPLOPENG	EUR	0,6200	0,7300	0,6200			0,7300					
Warrant	NL0012063598	IBEX 8720SPLOPENG	EUR											
Warrant	NL0012830020	IBEX 9160SPLOPENG	EUR											
Warrant	NL0012067813	IBEX 9180SPLOPENG	EUR											
Warrant	NL0012822878	IBEX 9620SPLOPENG	EUR											
Warrant	NL0012476014	IBEX 10070SPSOPENG	EUR	1,9200	1,9200	1,8000			1,8000					
Warrant	NL0011027925	IBEX 10620SPSOPENG	EUR	2,4900	2,4900	2,3700			2,3700					
Warrant	NL0010748083	IBEX 10910SPSOPENG	EUR											
Warrant	NL0011212105	IBEX 11210SPSOPENG	EUR	3,1100	3,1100	3,0000			3,0000					
Warrant	NL0012075725	IBEX 11790SPSOPENG	EUR	3,7200	3,7200	3,6100			3,6100					
Warrant	NL0011362512	IBM 112SPLOPENG	EUR	1,9100	1,9100	1,9100			1,9100					
Warrant	NL0011628169	IBM 136SPLOPENG	EUR											
Warrant	NL0009909365	INBEV 32.6SPLOPENG	EUR	33,9400	33,9400	33,9400			33,9400					
Warrant	NL0010200788	INBEV 50.9SPLOPENG	EUR	18,4700	18,4700	16,8600	2119,8600	4	16,8600		117			
Warrant	NL0010465779	INBEV 56.9SPLOPENG	EUR	14,5300	14,5300	11,3500	2633,2500	2	11,3500		225			
Warrant	NL0010681219	INBEV 63.3SPLOPENG	EUR	5,3700	5,3700	5,3700			5,3700					
Warrant	NL0010743209	INBEV 70.2SPLOPENG	EUR											
Warrant	NL0012478135	INBEV 72.5SPLOPENG	EUR											
Warrant	NL0010946281	INBEV 77.5SPLOPENG	EUR											
Warrant	NL0012826119	INBEV 82.8SPLOPENG	EUR											
Warrant	NL0012829105	INBEV 84.5SPSOPENG	EUR	18,2200	21,0700	18,2200			21,0700					
Warrant	NL0012476899	INBEV105.1SPSOPENG	EUR	38,7700	41,6200	38,7700			41,6200					
Warrant	NL0011027990	INBEV118.3SPSOPENG	EUR	60,7800	63,6300	60,7800			63,6300					
Warrant	NL0012833180	INBEV62.19SPLOPENG	EUR	5,4500	5,4500	2,7600	1979,7500	4	2,7600	405				
Warrant	NL0012829949	INBEV65.45SPLOPENG	EUR											
Warrant	NL0012818629	INBEV68.89SPLOPENG	EUR											
Warrant	NL0012830723	INBEV76.06SPLOPENG	EUR											
Warrant	NL0012477889	INBEV76.25SPLOPENG	EUR											
Warrant	NL0012831366	INBEV78.56SPSOPENG	EUR	12,2900	15,1400	12,2900	2340,0000	1	15,1400	180				
Warrant	NL0012821706	INBEV80.05SPLOPENG	EUR											
Warrant	NL0012822647	INBEV83.98SPLOPENG	EUR											
Warrant	NL0012826887	INBEV84.04SPLOPENG	EUR											
Warrant	NL0012825756	INBEV90.87SPSOPENG	EUR	24,5900	27,4400	24,5900			27,4400					
Warrant	NL0010202446	ING 3SPLOPENG	EUR	7,5400	7,6800	7,5400			7,6800					
Warrant	NL0011844030	ING 7SPLOPENG	EUR	3,9100	4,1900	3,9100	419,0000	1	4,0500	100				
Warrant	DE000CJ3N9G1	ING 11C 0319Z	EUR	0,3950	0,4350	0,3950			0,4350					
Warrant	DE000CJ3N9F3	ING 11C 1218Z	EUR	0,2000	0,2250	0,2000			0,2250					
Warrant	DE000CV8AVU7	ING 12C 0319Z	EUR	0,1700	0,1950	0,1700			0,1950					
Warrant	DE000CJ3PJZ6	ING 12C 0619Z	EUR	0,2400	0,2550	0,2400			0,2550					
Warrant	DE000CV895V1	ING 12C 1218Z	EUR	0,0540	0,0610	0,0540			0,0610					
Warrant	DE000CV8AMR2	ING 14C 0319Z	EUR	0,0370	0,0460	0,0370			0,0460					
Warrant	NL0009879188	ING 0.1SPLOPENG	EUR	10,2200	10,3600	10,2200			10,3600					
Warrant	NL0009109909	ING 0.6SPLOPENG	EUR	9,7000	9,8400	9,7000			9,8400					
Warrant	NL0009107739	ING 1.2SPLOPENG	EUR	9,1500	9,2900	9,1500			9,2900					
Warrant	NL0009107721	ING 1.9SPLOPENG	EUR	8,5000	8,6400	8,5000			8,6400					
Warrant	NL0010099842	ING 2.2SPLOPENG	EUR	8,3000	8,4400	8,3000			8,4400					
Warrant	NL0010100111	ING 2.4SPLOPENG	EUR	8,0800	8,2200	8,0800			8,2200					
Warrant	NL0010201844	ING 2.7SPLOPENG	EUR	7,8300	7,9700	7,8300			7,9700					
Warrant	NL0010203642	ING 3.3SPLOPENG	EUR	7,2800	7,4200	7,2800			7,4200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010357497	ING 3.65PLOPENG	EUR	7,0300	7,1700	7,0300			7,1700					
Warrant	NL0010360905	ING 3.95PLOPENG	EUR	6,7300	6,8700	6,7300			6,8700					
Warrant	NL0010362810	ING 4.25PLOPENG	EUR	6,4300	6,5700	6,4300			6,5700					
Warrant	NL0010465795	ING 4.65PLOPENG	EUR	6,1100	6,2500	6,1100			6,2500					
Warrant	NL0010467684	ING 4.95PLOPENG	EUR	5,7800	5,9200	5,7800			5,9200					
Warrant	NL0010527297	ING 5.35PLOPENG	EUR	5,4400	5,5800	5,4400			5,5800					
Warrant	NL0010529897	ING 5.75PLOPENG	EUR	5,0700	5,2100	5,0700			5,2100					
Warrant	NL0010531042	ING 6.15PLOPENG	EUR	4,6800	4,8200	4,6800			4,8200					
Warrant	NL0010541934	ING 6.65PLOPENG	EUR	4,2800	4,4200	4,2800			4,4200					
Warrant	NL0011847454	ING 7.45PLOPENG	EUR	3,5100	3,6500	3,5100	217,2000	1	3,6500	60				
Warrant	NL0011848346	ING 7.95PLOPENG	EUR	3,1000	3,2400	3,1000			3,2400					
Warrant	NL0011850912	ING 8.25PLOPENG	EUR	2,8400	2,9800	2,8400			2,9800					
Warrant	NL0011850904	ING 8.55PLOPENG	EUR	2,5700	2,7100	2,5700			2,7100					
Warrant	NL0011850896	ING 8.85PLOPENG	EUR	2,3100	2,4500	2,3100			2,4500					
Warrant	NL0011851878	ING 9.15PLOPENG	EUR	2,0000	2,1400	2,0000	1035,0000	1	2,1400	500				
Warrant	NL0011856174	ING 9.45PLOPENG	EUR	1,6900	1,8300	1,6900			1,8300					
Warrant	NL0011857362	ING 9.85PLOPENG	EUR	1,4100	1,5500	1,4100			1,5500					
Warrant	NL0011857644	ING 10.15PLOPENG	EUR											
Warrant	NL0012833081	ING 10.45PLOPENG	EUR											
Warrant	DE000CJ3PJY9	ING 10.5C 0619Z	EUR	0,6350	0,6850	0,6350			0,6850					
Warrant	NL0011859376	ING 10.55PLOPENG	EUR											
Warrant	NL0012829360	ING 10.85PLOPENG	EUR											
Warrant	NL0012829246	ING 10.85PLOPENG	EUR											
Warrant	NL0012831945	ING 10.85PLOPENG	EUR											
Warrant	NL0011853338	ING 11.15PLOPENG	EUR											
Warrant	NL0012830418	ING 11.15PLOPENG	EUR											
Warrant	NL0012831143	ING 11.15PLOPENG	EUR											
Warrant	NL0011859368	ING 11.25PLOPENG	EUR											
Warrant	NL0012827216	ING 11.55PLOPENG	EUR											
Warrant	NL0011862453	ING 11.65PLOPENG	EUR											
Warrant	NL0012824957	ING 11.95PLOPENG	EUR											
Warrant	NL0012827612	ING 11.95PLOPENG	EUR											
Warrant	NL0012825442	ING 12.35PLOPENG	EUR											
Warrant	NL0011859681	ING 12.95PLOPENG	EUR											
Warrant	DE000CV895W9	ING 13.5C 1218Z	EUR	0,0130	0,0140	0,0130			0,0140					
Warrant	DE000CV8ANJ7	ING 14.5C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0011856646	ING 9.815PLOPENG	EUR	0,4800	0,7500	0,4800	1550,0400	3	0,6200	2164				
Warrant	NL0012833552	ING 10.115PLOPENG	EUR	0,2200	0,3600	0,2200			0,3600					
Warrant	NL0011857230	ING 10.145PLOPENG	EUR											
Warrant	NL0011857719	ING 10.495PLOPENG	EUR											
Warrant	NL0011858956	ING 10.825PLOPENG	EUR											
Warrant	NL0012830483	ING 11.125PLOPENG	EUR											
Warrant	NL0012831259	ING 11.125PLOPENG	EUR											
Warrant	NL0011859202	ING 11.195PLOPENG	EUR											
Warrant	NL0012830731	ING 11.455PLOPENG	EUR											
Warrant	NL0011862099	ING 11.565PLOPENG	EUR											
Warrant	NL0012823272	ING 11.915PLOPENG	EUR											
Warrant	NL0012825350	ING 12.275PLOPENG	EUR											
Warrant	NL0010355046	ING 3.3635PLOPENG	EUR	6,9400	7,0800	6,9400			7,0800					
Warrant	NL0010209789	ING 3.6655PLOPENG	EUR	6,6300	6,7700	6,6300			6,7700					
Warrant	NL0010361135	ING 4.2915PLOPENG	EUR	6,0000	6,1400	6,0000	9011,0000	3	6,1400	1500				
Warrant	NL0010449583	ING 4.6255PLOPENG	EUR	5,6600	5,8000	5,6600			5,8000					
Warrant	NL0010466363	ING 4.9785PLOPENG	EUR	5,3500	5,4900	5,3500			5,4900					
Warrant	NL0010468138	ING 5.3485PLOPENG	EUR	4,9700	5,1100	4,9700			5,1100					
Warrant	NL0010528311	ING 5.7365PLOPENG	EUR	4,6000	4,7400	4,6000			4,7400					
Warrant	NL0010530903	ING 6.1445PLOPENG	EUR	4,1900	4,3300	4,1900			4,3300					
Warrant	NL0010531026	ING 6.5735PLOPENG	EUR	3,6900	3,8300	3,6900			3,8300					
Warrant	NL0010543476	ING 7.0235PLOPENG	EUR	3,2600	3,4500	3,2600	3450,0000	1	3,4000	1000				
Warrant	NL0011847298	ING 7.4555PLOPENG	EUR	2,8700	3,0100	2,8700			3,0100					
Warrant	NL0011847959	ING 7.9085PLOPENG	EUR	2,4200	2,5600	2,4200			2,5600					
Warrant	NL0011850474	ING 8.3735PLOPENG	EUR	1,9600	2,2000	1,9600	660,0000	1	2,1000	300				
Warrant	NL0011850466	ING 8.8595PLOPENG	EUR	1,4400	1,5800	1,4400			1,5800					
Warrant	NL0011851340	ING 9.1675PLOPENG	EUR	1,2000	1,4200	1,2000	6702,5000	3	1,3300	5125				
Warrant	NL0011856067	ING 9.4845PLOPENG	EUR	0,8000	1,1000	0,7900	54874,0000	15	0,9400	56400				
Warrant	DE000CJ3PJ01	KBC 63C 0619Z	EUR	0,5750	0,6200	0,5750			0,6200					
Warrant	DE000CV895X7	KBC 63C 1218Z	EUR	0,2750	0,3150	0,2750			0,3150					
Warrant	DE000CJ3N9H9	KBC 64C 0319Z	EUR	0,4350	0,4700	0,4350			0,4700					
Warrant	DE000CV8AM50	KBC 70C 0319Z	EUR	0,1700	0,1950	0,1700			0,1950					
Warrant	DE000CV895Y5	KBC 70C 1218Z	EUR	0,0550	0,0710	0,0550			0,0710					
Warrant	DE000CJ3PJ19	KBC 72C 0619Z	EUR	0,2000	0,2150	0,2000			0,2150					
Warrant	DE000CV8ASR9	KBC 74C 1218Z	EUR	0,0230	0,0330	0,0230			0,0330					
Warrant	NL0009885524	KBC 0.25PLOPENG	EUR	59,6200	60,3800	59,6200			60,3800					



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
Warrant	NL0010218137	KBC 15.3SPLOPENG	EUR	45,8700	46,6300	45,8700			46,6300					
Warrant	NL0010219358	KBC 18.7SPLOPENG	EUR	42,7800	43,5400	42,7800			43,5400					
Warrant	NL0010530333	KBC 24.6SPLOPENG	EUR	37,4200	38,1800	37,4200			38,1800					
Warrant	NL0010531091	KBC 26.8SPLOPENG	EUR	35,4100	36,1700	35,4100			36,1700					
Warrant	NL0010536868	KBC 29.2SPLOPENG	EUR	33,2500	34,0100	33,2500			34,0100					
Warrant	NL0010939120	KBC 32.5SPLOPENG	EUR	30,3000	31,0600	30,3000			31,0600					
Warrant	NL0011846357	KBC 35.1SPLOPENG	EUR	27,8800	28,6400	27,8800			28,6400					
Warrant	NL0011855341	KBC 44.3SPLOPENG	EUR	19,5400	20,3000	19,5400			20,3000					
Warrant	NL0012064661	KBC 51.4SPLOPENG	EUR	13,0900	13,8500	13,0900			13,8500					
Warrant	NL0012073258	KBC 59.7SPLOPENG	EUR											
Warrant	NL0012821482	KBC 62.8SPLOPENG	EUR											
Warrant	NL0010753679	KBC 28.98SPLOPENG	EUR	31,1300	31,8900	31,1300			31,8900					
Warrant	NL0010694592	KBC 32.78SPLOPENG	EUR	27,3200	28,0800	27,3200			28,0800					
Warrant	NL0010831020	KBC 34.75SPLOPENG	EUR	25,3500	26,1100	25,3500			26,1100					
Warrant	NL0011847991	KBC 36.75SPLOPENG	EUR	23,3500	24,1100	23,3500			24,1100					
Warrant	NL0011848833	KBC 38.86SPLOPENG	EUR	21,2500	22,0100	21,2500			22,0100					
Warrant	NL0011850573	KBC 41.07SPLOPENG	EUR	19,0400	19,8000	19,0400			19,8000					
Warrant	NL0011852090	KBC 43.38SPLOPENG	EUR	16,7200	17,4800	16,7200			17,4800					
Warrant	NL0011856786	KBC 45.81SPLOPENG	EUR	14,2900	15,0500	14,2900			15,0500					
Warrant	NL0011859756	KBC 51.04SPLOPENG	EUR	9,0600	9,8200	9,0600			9,8200					
Warrant	NL0012070387	KBC 53.81SPLOPENG	EUR	6,2900	7,1100	6,2900	177,7500	1	7,0500	25				
Warrant	NL0012070601	KBC 56.72SPLOPENG	EUR	3,3800	4,1400	3,3800			4,1400					
Warrant	NL0012076848	KBC 62.63SPLOPENG	EUR											
Warrant	NL0012829964	KBC 62.68SPLOPENG	EUR											
Warrant	NL0012824809	KBC 67.95SPLOPENG	EUR	8,6500	8,6500	7,8300			7,8300					
Warrant	NL0012478200	KBC 73.06SPLOPENG	EUR	13,7600	13,7600	12,9400			12,9400					
Warrant	DE000CV89851	KGX 110C 0619Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV89614	KPN 2C 1218Z	EUR	0,3750	0,3750	0,3750			0,3750					
Warrant	NL0011018122	KPN 2SPLOPENG	EUR	0,6400	0,6400	0,6100			0,6100					
Warrant	NL0010351045	KPN 0.35PLOPENG	EUR	2,1300	2,1300	2,0900			2,0900					
Warrant	NL0010350260	KPN 0.55PLOPENG	EUR	1,9700	1,9700	1,9400			1,9400					
Warrant	NL0010461570	KPN 0.65PLOPENG	EUR	1,8900	1,8900	1,8600			1,8600					
Warrant	NL0010461836	KPN 0.75PLOPENG	EUR	1,7800	1,7800	1,7500			1,7500					
Warrant	NL0010465803	KPN 0.85PLOPENG	EUR	1,6800	1,6800	1,6500			1,6500					
Warrant	NL0010528345	KPN 0.95PLOPENG	EUR	1,5800	1,5800	1,5400			1,5400					
Warrant	NL0010528337	KPN 1.15PLOPENG	EUR	1,4400	1,4400	1,4100			1,4100					
Warrant	NL0010529194	KPN 1.25PLOPENG	EUR	1,3100	1,3100	1,2800			1,2800					
Warrant	NL0010531331	KPN 1.45PLOPENG	EUR	1,1800	1,1800	1,1500			1,1500					
Warrant	NL0010830089	KPN 1.55PLOPENG	EUR	1,0800	1,0800	1,0500			1,0500					
Warrant	NL0010940078	KPN 1.65PLOPENG	EUR	1,0100	1,0100	0,9800			0,9800					
Warrant	NL0010941084	KPN 1.75PLOPENG	EUR	0,8600	0,8600	0,8200	328,0000	1	0,8300	400				
Warrant	NL0011011945	KPN 1.95PLOPENG	EUR	0,7600	0,7600	0,7300			0,7300					
Warrant	NL0011021183	KPN 2.15PLOPENG	EUR	0,4900	0,4900	0,4600			0,4600					
Warrant	DE000CV89622	KPN 2.2C 1218Z	EUR	0,2050	0,2050	0,2050			0,2050					
Warrant	NL0012822993	KPN 2.35PLOPENG	EUR											
Warrant	DE000CV89630	KPN 2.4C 1218Z	EUR	0,0880	0,0880	0,0880			0,0880					
Warrant	NL0012825954	KPN 2.55PLOPENG	EUR											
Warrant	NL0012826127	KPN 2.55PLOPENG	EUR											
Warrant	NL0012827422	KPN 2.55SPLOPENG	EUR	0,1900	0,2200	0,1900			0,2200					
Warrant	NL0012474696	KPN 2.65SPLOPENG	EUR	0,5500	0,5800	0,5500			0,5800					
Warrant	NL0011850920	KPN 2.75PLOPENG	EUR											
Warrant	NL0012469621	KPN 2.95SPLOPENG	EUR	0,8500	0,8800	0,8500			0,8800					
Warrant	NL0011296728	KPN 3.25SPLOPENG	EUR	1,1900	1,2200	1,1900			1,2200					
Warrant	NL0012828198	KPN 1.95SPLOPENG	EUR	0,5200	0,5200	0,4900			0,4900					
Warrant	NL0011861612	KPN 2.09SPLOPENG	EUR	0,3600	0,3600	0,3300			0,3300					
Warrant	NL0012830749	KPN 2.25SPLOPENG	EUR											
Warrant	NL0011854443	KPN 2.25SPLOPENG	EUR											
Warrant	NL0012832836	KPN 2.25SPLOPENG	EUR	0,2200	0,2200	0,1900			0,1900					
Warrant	NL0012825764	KPN 2.46SPLOPENG	EUR											
Warrant	NL0012475677	KPN 2.765SPLOPENG	EUR	0,4400	0,4700	0,4400			0,4700					
Warrant	NL0011625587	KPN 3.05SPLOPENG	EUR	0,7400	0,7700	0,7400			0,7700					
Warrant	NL0012823132	LIGHT 19SPLOPENG	EUR	2,7500	3,5900	2,7500			3,5900					
Warrant	NL0012833115	LIGHT 16.55PLOPENG	EUR	5,1300	5,9700	5,1300			5,9700					
Warrant	NL0012823686	LIGHT 17.75PLOPENG	EUR	3,9800	4,8200	3,9800			4,8200					
Warrant	NL0012820047	LIGHT 20.45PLOPENG	EUR											
Warrant	NL0012826051	LIGHT 21.95PLOPENG	EUR											
Warrant	NL0012826044	LIGHT 23.35PLOPENG	EUR											
Warrant	NL0012827265	LIGHT 23.45PLOPENG	EUR											
Warrant	NL0012825004	LIGHT 24.95SPLOPENG	EUR											
Warrant	NL0012819528	LIGHT 29.25SPLOPENG	EUR	9,0500	9,0500	8,1800			8,1800					
Warrant	NL0012831804	LIGHT17.28SPLOPENG	EUR	3,2900	4,1300	3,2900			4,1300					
Warrant	NL0012823371	LIGHT18.18SPLOPENG	EUR	2,3900	3,2300	2,3900			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
Warrant	NL0012822423	LIGHT19.13SPLOPENG	EUR	1,4400	2,2800	1,4400			2,2800					
Warrant	NL0012820583	LIGHT20.13SPLOPENG	EUR	0,4300	1,2700	0,4300			1,2700					
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	LIGHT23.47SPSOPENG	EUR	3,3200	3,3200	2,4500	640,0000	1	2,4500	200				
Warrant	NL0012830772	LIGHT24.52SPLOPENG	EUR											
Warrant	NL0012832158	LIGHT25.24SPSOPENG	EUR	5,0900	5,0900	4,2200			4,2200					
Warrant	NL0012824262	LIGHT25.29SPSOPENG	EUR											
Warrant	NL0012819726	LIGHT27.15SPSOPENG	EUR	7,0000	7,0000	6,1300			6,1300					
Warrant	DE000CV8AZ16	LRXC 180C 0319Z	EUR	0,1150	0,1150	0,1150			0,1150					
Warrant	DE000CV8AVW3	LRXC 180C 1218Z	EUR	0,0220	0,0220	0,0200			0,0200					
Warrant	DE000CV8AKD6	LRXC 200C 0319Z	EUR	0,0510	0,0510	0,0470			0,0470					
Warrant	DE000CV8AKC8	LRXC 200C 1218Z	EUR	0,0110	0,0110	0,0100			0,0100					
Warrant	DE000CV88160	LRXC 220C 0619Z	EUR	0,1010	0,1010	0,0990			0,0990					
Warrant	NL0010965935	LVMH 107SPLOPENG	EUR	15,9700	16,5800	15,9700			16,5800					
Warrant	NL0010966826	LVMH 118SPLOPENG	EUR	14,9600	15,5800	14,9600			15,5800					
Warrant	NL0011856224	LVMH 129SPLOPENG	EUR	13,9000	14,5200	13,9000			14,5200					
Warrant	NL0012063267	LVMH 170SPLOPENG	EUR	10,1900	10,8000	10,1900			10,8000					
Warrant	NL0012825269	LVMH 219SPLOPENG	EUR	5,5400	6,1500	5,5400			6,1500					
Warrant	NL0012825251	LVMH 261SPLOPENG	EUR											
Warrant	NL0012828750	LVMH 284SPLOPENG	EUR											
Warrant	DE000CV8AKF1	MCDON 160C 1218Z	EUR	0,7650	0,7650	0,7650			0,7650					
Warrant	DE000CJ3N9Y4	MCDON 170C 0319Z	EUR	0,5450	0,5450	0,5450			0,5450					
Warrant	DE000CV8AKG9	MCDON 170C 1218Z	EUR	0,4050	0,4050	0,4050			0,4050					
Warrant	DE000CJ3N9Z1	MCDON 180C 0319Z	EUR	0,2950	0,2950	0,2950			0,2950					
Warrant	DE000CJ3N906	MICRO 44C 1218Z	EUR	0,0470	0,0580	0,0470			0,0580					
Warrant	DE000CJ3N914	MICRO 46C 0319Z	EUR	0,0990	0,1250	0,0990			0,1250					
Warrant	DE000CV8AZW4	MICRO 48C 1218Z	EUR	0,0190	0,0240	0,0190			0,0240					
Warrant	DE000CV8AY33	MICRO 50C 0319Z	EUR	0,0600	0,0710	0,0600			0,0710					
Warrant	DE000CV8AM60	MICRO 52C 1218Z	EUR	0,0120	0,0130	0,0120			0,0130					
Warrant	DE000CV8AKJ3	MICRO 56C 1218Z	EUR	0,0100	0,0110	0,0100			0,0110					
Warrant	DE000CV8AKK1	MICRO 60C 0319Z	EUR	0,0190	0,0200	0,0190			0,0200					
Warrant	DE000CV88178	MICRO 60C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV8AKM7	MSOFT 110C 1218Z	EUR	0,1250	0,1450	0,1250			0,1450					
Warrant	DE000CJ3N922	MSOFT 112C 0319Z	EUR	0,1850	0,2250	0,1850			0,2250					
Warrant	DE000CJ3N930	MSOFT 120C 0319Z	EUR	0,0940	0,1050	0,0940			0,1050					
Warrant	DE000CV8ANL3	MSOFT 120C 1218Z	EUR	0,0310	0,0320	0,0310			0,0320					
Warrant	NL0010544425	MSOFT 30.75SPLOPENG	EUR	69,3500	69,3500	69,3500			69,3500					
Warrant	NL0010680682	MSOFT 34.15SPLOPENG	EUR	66,5800	66,5800	66,5800			66,5800					
Warrant	NL0010746491	MSOFT 37.75SPLOPENG	EUR	63,6100	63,6100	63,6100			63,6100					
Warrant	NL0011621560	MSOFT 45.65SPLOPENG	EUR	57,1700	57,1700	57,1700			57,1700					
Warrant	NL0011850185	MSOFT 54.85SPLOPENG	EUR	49,6000	49,6000	49,6000			49,6000					
Warrant	NL0009105170	NASDAQ 1110SPLOPENG	EUR	50,7600	51,9500	50,7600			51,9500					
Warrant	NL0009371608	NASDAQ 1940SPLOPENG	EUR	43,9100	45,0700	43,9100			45,0700					
Warrant	NL0010344073	NASDAQ 2660SPLOPENG	EUR	37,8600	39,0000	37,8600			39,0000					
Warrant	NL0010362489	NASDAQ 2810SPLOPENG	EUR	36,6200	37,7500	36,6200			37,7500					
Warrant	NL0010538815	NASDAQ 3120SPLOPENG	EUR	33,9600	35,0800	33,9600			35,0800					
Warrant	NL0010543708	NASDAQ 3330SPLOPENG	EUR	32,2200	33,3400	32,2200			33,3400					
Warrant	NL0010590782	NASDAQ 3550SPLOPENG	EUR	30,3800	31,4900	30,3800			31,4900					
Warrant	NL0010742151	NASDAQ 3754SPLOPENG	EUR	27,2400	28,3400	27,2400	56,2000	1	28,3400	2				
Warrant	NL0010745253	NASDAQ 3835SPLOPENG	EUR	26,5400	27,6400	26,5400			27,6400					
Warrant	NL0010747333	NASDAQ 3916SPLOPENG	EUR	25,8300	26,9200	25,8300			26,9200					
Warrant	NL0011363890	NASDAQ 3978SPLOPENG	EUR	25,2800	26,3700	25,2800			26,3700					
Warrant	NL0011364740	NASDAQ 3990SPLOPENG	EUR	26,7600	27,8600	26,7600			27,8600					
Warrant	NL0011363882	NASDAQ 3999SPLOPENG	EUR	25,1000	26,1900	25,1000			26,1900					
Warrant	NL0011363874	NASDAQ 4020SPLOPENG	EUR	24,9200	26,0100	24,9200			26,0100					
Warrant	NL0011363866	NASDAQ 4041SPLOPENG	EUR	24,7300	25,8200	24,7300			25,8200					
Warrant	NL0011363858	NASDAQ 4062SPLOPENG	EUR	24,6000	25,6800	24,6000			25,6800					
Warrant	NL0011618210	NASDAQ 4070SPLOPENG	EUR	26,0700	27,1600	26,0700			27,1600					
Warrant	NL0011620448	NASDAQ 4092SPLOPENG	EUR	24,3400	25,4200	24,3400			25,4200					
Warrant	NL0011619556	NASDAQ 4150SPLOPENG	EUR	25,3600	26,4500	25,3600			26,4500					
Warrant	NL0011620430	NASDAQ 4182SPLOPENG	EUR	23,6000	24,6800	23,6000			24,6800					
Warrant	NL0011618145	NASDAQ 4220SPSOPENG	EUR											
Warrant	NL0011621263	NASDAQ 4240SPLOPENG	EUR	24,6400	25,7200	24,6400			25,7200					
Warrant	NL0011620638	NASDAQ 4242SPLOPENG	EUR	23,0200	24,1000	23,0200			24,1000					
Warrant	NL0011622592	NASDAQ 4273SPLOPENG	EUR	22,7500	23,8300	22,7500			23,8300					
Warrant	NL0011633847	NASDAQ 4293SPLOPENG	EUR											
Warrant	NL0011845698	NASDAQ 4326SPLOPENG	EUR	22,3000	23,3800	22,3000			23,3800					



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
Warrant	NL0011622337	NASDQ 4330SPLOPENG	EUR	23,9000	24,9800	23,9000			24,9800					
Warrant	NL0011846050	NASDQ 4380SPLOPENG	EUR	21,8300	22,9100	21,8300			22,9100					
Warrant	NL0011845516	NASDQ 4420SPLOPENG	EUR	23,1500	24,2300	23,1500			24,2300					
Warrant	NL0011846639	NASDQ 4434SPLOPENG	EUR	21,3600	22,4300	21,3600			22,4300					
Warrant	NL0011847827	NASDQ 4489SPLOPENG	EUR	20,8800	21,9500	20,8800			21,9500					
Warrant	NL0011845979	NASDQ 4510SPLOPENG	EUR	22,3900	23,4700	22,3900			23,4700					
Warrant	NL0011848270	NASDQ 4544SPLOPENG	EUR	20,3800	21,4500	20,3800			21,4500					
Warrant	NL0011848957	NASDQ 4600SPLOPENG	EUR	19,9300	21,0000	19,9300			21,0000					
Warrant	NL0011849401	NASDQ 4657SPLOPENG	EUR	19,4400	20,5000	19,4400			20,5000					
Warrant	NL0011850821	NASDQ 4690SPLOPENG	EUR											
Warrant	NL0011848130	NASDQ 4700SPLOPENG	EUR	20,8200	21,8900	20,8200			21,8900					
Warrant	NL0011849914	NASDQ 4714SPLOPENG	EUR	18,9300	20,0000	18,9300			20,0000					
Warrant	NL0011851449	NASDQ 4773SPLOPENG	EUR	18,4200	19,4800	18,4200			19,4800					
Warrant	NL0011850037	NASDQ 4790SPLOPENG	EUR	20,0100	21,0800	20,0100			21,0800					
Warrant	NL0011855176	NASDQ 4831SPLOPENG	EUR	17,9100	18,9700	17,9100			18,9700					
Warrant	NL0011862867	NASDQ 4890SPLOPENG	EUR	19,2000	20,2600	19,2000			20,2600					
Warrant	NL0012061667	NASDQ 4891SPLOPENG	EUR	17,3900	18,4400	17,3900			18,4400					
Warrant	NL0012063481	NASDQ 4951SPLOPENG	EUR	16,8600	17,9200	16,8600			17,9200					
Warrant	NL0012063606	NASDQ 4990SPLOPENG	EUR	18,3600	19,4200	18,3600			19,4200					
Warrant	NL0012063937	NASDQ 5012SPLOPENG	EUR	16,3300	17,3800	16,3300			17,3800					
Warrant	NL0012064992	NASDQ 5073SPLOPENG	EUR	15,7900	16,8400	15,7900			16,8400					
Warrant	NL0012065460	NASDQ 5135SPLOPENG	EUR	15,2400	16,2900	15,2400			16,2900					
Warrant	NL0012066096	NASDQ 5198SPLOPENG	EUR	14,6900	15,7400	14,6900			15,7400					
Warrant	NL0012064190	NASDQ 5200SPLOPENG	EUR	16,6300	17,6900	16,6300			17,6900					
Warrant	NL0012066146	NASDQ 5262SPLOPENG	EUR	14,1400	15,1800	14,1400			15,1800					
Warrant	NL0012065882	NASDQ 5300SPLOPENG	EUR	15,7500	16,8000	15,7500			16,8000					
Warrant	NL0012066997	NASDQ 5326SPLOPENG	EUR	13,5700	14,6200	13,5700			14,6200					
Warrant	NL0012069447	NASDQ 5391SPLOPENG	EUR	13,0000	14,0400	13,0000			14,0400					
Warrant	NL0012066500	NASDQ 5410SPLOPENG	EUR	14,8400	15,8900	14,8400			15,8900					
Warrant	NL0012070965	NASDQ 5457SPLOPENG	EUR	12,4200	13,4600	12,4200			13,4600					
Warrant	NL0012069207	NASDQ 5520SPLOPENG	EUR	13,9200	14,9700	13,9200			14,9700					
Warrant	NL0012071120	NASDQ 5524SPLOPENG	EUR	11,8400	12,8800	11,8400			12,8800					
Warrant	NL0012072003	NASDQ 5591SPLOPENG	EUR	11,2500	12,2800	11,2500			12,2800					
Warrant	NL0012073290	NASDQ 5728SPLOPENG	EUR	10,0500	11,0800	10,0500			11,0800					
Warrant	NL0012071476	NASDQ 5750SPLOPENG	EUR	12,0200	13,0600	12,0200			13,0600					
Warrant	NL0012076574	NASDQ 5798SPLOPENG	EUR	9,4400	10,4700	9,4400			10,4700					
Warrant	NL0012078851	NASDQ 5860SPLOPENG	EUR	11,0500	12,0800	11,0500			12,0800					
Warrant	NL0012079255	NASDQ 5868SPLOPENG	EUR	8,8200	9,8500	8,8200			9,8500					
Warrant	NL0012463061	NASDQ 5939SPLOPENG	EUR	8,2000	9,2200	8,2000			9,2200					
Warrant	NL0012079420	NASDQ 5980SPLOPENG	EUR	10,0600	11,0900	10,0600			11,0900					
Warrant	NL0012464606	NASDQ 6012SPLOPENG	EUR	7,5700	8,5900	7,5700			8,5900					
Warrant	NL0012464937	NASDQ 6084SPLOPENG	EUR	6,9300	7,9400	6,9300			7,9400					
Warrant	NL0012464036	NASDQ 6100SPLOPENG	EUR	9,0500	10,0700	9,0500			10,0700					
Warrant	NL0012465579	NASDQ 6158SPLOPENG	EUR	6,2800	7,3000	6,2800			7,3000					
Warrant	NL0012465462	NASDQ 6230SPLOPENG	EUR	8,0200	9,0400	8,0200			9,0400					
Warrant	NL0012466569	NASDQ 6233SPLOPENG	EUR	5,6300	6,6400	5,6300			6,6400					
Warrant	NL0012473227	NASDQ 6350SPLOPENG	EUR	6,9600	7,9800	6,9600			7,9800					
Warrant	NL0012473466	NASDQ 6384SPLOPENG	EUR	4,3000	5,3100	4,3000	303,1000	1	5,3100	70				
Warrant	NL0012481105	NASDQ 6462SPLOPENG	EUR	3,6200	4,6200	3,5700	10417,3500	4	4,6200	2550				
Warrant	NL0012479513	NASDQ 6480SPLOPENG	EUR	5,9000	6,9200	5,9000			6,9200					
Warrant	NL0012818702	NASDQ 6540SPLOPENG	EUR	2,9300	3,9400	2,9300	178,0600	2	3,9400	53				
Warrant	NL0012481253	NASDQ 6610SPLOPENG	EUR	4,8100	5,8000	4,8100			5,8000					
Warrant	NL0012819239	NASDQ 6619SPLOPENG	EUR	2,2400	3,2400	2,2400			3,2400					
Warrant	NL0012819221	NASDQ 6699SPLOPENG	EUR	1,5400	2,5400	1,5400	37,6000	1	2,5400	20				
Warrant	NL0012819916	NASDQ 6740SPLOPENG	EUR	3,7000	4,7100	3,7000			4,7100					
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	NL0012824197	NASDQ 7018SPLOPENG	EUR											
Warrant	NL0012822886	NASDQ 7020SPLOPENG	EUR											
Warrant	NL0012824601	NASDQ 7101SPLOPENG	EUR											
Warrant	NL0012823827	NASDQ 7160SPLOPENG	EUR											
Warrant	NL0012828370	NASDQ 7186SPLOPENG	EUR											
Warrant	NL0012824288	NASDQ 7250SPLOPENG	EUR											
Warrant	NL0012828529	NASDQ 7271SPLOPENG	EUR											
Warrant	NL0012827307	NASDQ 7300SPLOPENG	EUR											
Warrant	NL0012832513	NASDQ 7419SPSOPENG	EUR	5,1900	5,1900	4,2100			4,2100					
Warrant	NL0012829899	NASDQ 7430SPLOPENG	EUR											
Warrant	NL0012828487	NASDQ 7430SPLOPENG	EUR											
Warrant	NL0012831309	NASDQ 7450SPLOPENG	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	NL0012470587	NASDQ 7519SPSOPENG	EUR											
Warrant	NL0012829709	NASDQ 7570SPSOPENG	EUR											
Warrant	NL0012828727	NASDQ 7580SPLOPENG	EUR											
Warrant	NL0012828057	NASDQ 7580SPSOPENG	EUR											
Warrant	NL0012832521	NASDQ 7601SPSOPENG	EUR	6,7800	6,7800	5,8100	1340,0000	1	5,8100	200				
Warrant	NL0012470785	NASDQ 7609SPSOPENG	EUR											
Warrant	NL0012826812	NASDQ 7720SPSOPENG	EUR	11,2800	11,2800	10,3300			10,3300					
Warrant	NL0012471338	NASDQ 7786SPSOPENG	EUR	8,4100	8,4100	7,4400			7,4400					
Warrant	NL0012820245	NASDQ 7880SPSOPENG	EUR	9,2300	9,2300	8,2700			8,2700					
Warrant	NL0012821961	NASDQ 7975SPSOPENG	EUR	10,0600	10,0600	9,1000			9,1000					
Warrant	NL0012826499	NASDQ 8168SPSOPENG	EUR	11,7600	11,7600	10,8000			10,8000					
Warrant	NL0012826788	NASDQ 8266SPSOPENG	EUR	12,6200	12,6200	11,6700			11,6700					
Warrant	NL0012828537	NASDQ 8366SPSOPENG	EUR	13,4900	13,4900	12,5400			12,5400					
Warrant	NL0012830954	NASDQ 8466SPSOPENG	EUR	14,3700	14,3700	13,4200			13,4200					
Warrant	NL0012826903	NASDQ 8530SPSOPENG	EUR	18,7100	18,7100	17,7800			17,7800					
Warrant	NL0012067664	NESTL 53SPLOPENG	EUR	30,2000	30,2000	30,2000			30,2000					
Warrant	NL0012471056	NESTL 56SPLOPENG	EUR	2,7700	2,7700	2,7700			2,7700					
Warrant	NL0012471049	NESTL 60SPLOPENG	EUR	2,4400	2,4400	2,4400			2,4400					
Warrant	NL0012471031	NESTL 69SPLOPENG	EUR	1,7100	1,7100	1,7100			1,7100					
Warrant	NL0012470926	NESTL 84SPSOPENG	EUR											
Warrant	NL0012471064	NESTL 87SPSOPENG	EUR	1,0800	1,0800	1,0800			1,0800					
Warrant	NL0012473094	NESTL 69.3SPLOPENG	EUR	2,2400	2,2400	2,2400			2,2400					
Warrant	NL0012823959	NESTL72.78SPLOPENG	EUR	1,9300	1,9300	1,9300			1,9300					
Warrant	NL0006408171	NIKEI 5520SPLOPENG	EUR	124,4500	127,3000	124,4500			127,3000					
Warrant	NL0010204343	NIKEI 7830SPLOPENG	EUR	107,1000	109,9000	107,1000			109,9000					
Warrant	NL0010344438	NIKEI 9880SPLOPENG	EUR	91,5900	94,4600	91,5900			94,4600					
Warrant	NL0010347456	NIKEI10450SPLOPENG	EUR	87,2000	90,0700	87,2000			90,0700					
Warrant	NL0010466405	NIKEI13050SPLOPENG	EUR	67,5200	70,5000	67,5200	27956,0000	7	70,4300	400				
Warrant	NL0010746582	NIKEI14240SPLOPENG	EUR	58,5600	61,4700	58,5600			61,4700					
Warrant	NL0011844923	NIKEI14690SPLOPENG	EUR	55,1400	58,0600	55,1400			58,0600					
Warrant	NL0011848148	NIKEI15150SPLOPENG	EUR	51,6200	54,5500	51,6200			54,5500					
Warrant	NL0011848528	NIKEI15630SPLOPENG	EUR	48,0000	50,9300	48,0000			50,9300					
Warrant	NL0011859616	NIKEI16620SPLOPENG	EUR	40,4900	43,4400	40,4900			43,4400					
Warrant	NL0011861117	NIKEI17680SPLOPENG	EUR	32,5100	35,4700	32,5100			35,4700					
Warrant	NL0012062012	NIKEI18230SPLOPENG	EUR	28,3400	31,3100	28,3400			31,3100					
Warrant	NL0012071484	NIKEI18790SPLOPENG	EUR	24,0800	27,0500	24,0800	3832,5000	1	27,0500	150				
Warrant	NL0012081020	NIKEI19370SPLOPENG	EUR	19,7000	22,6800	19,7000	1187,0000	2	22,6800	57				
Warrant	NL0012480909	NIKEI21180SPLOPENG	EUR	5,9900	8,9900	5,9900	758,4000	3	8,9900	100				
Warrant	NL0012828321	NIKEI21820SPLOPENG	EUR											
Warrant	NL0012824296	NIKEI21900SPLOPENG	EUR											
Warrant	NL0012831325	NIKEI22480SPLOPENG	EUR											
Warrant	NL0012831317	NIKEI23150SPLOPENG	EUR											
Warrant	NL0012472567	NIKEI23480SPSOPENG	EUR											
Warrant	NL0012832182	NIKEI24020SPSOPENG	EUR	2,9300	2,9300	2,6200			2,6200					
Warrant	NL0012466882	NIKEI24770SPSOPENG	EUR	34,5800	34,5800	31,5200			31,5200					
Warrant	NL0012822035	NIKEI25520SPSOPENG	EUR	4,1400	4,1400	3,8300			3,8300					
Warrant	NL0012822043	NIKEI27090SPSOPENG	EUR	5,4000	5,4000	5,0900			5,0900					
Warrant	NL0012826820	NIKEI27910SPSOPENG	EUR	6,0700	6,0700	5,7600			5,7600					
Warrant	NL0010206934	NKOYJ 1SPLOPENG	EUR	3,8100	3,8400	3,8100			3,8400					
Warrant	NL0010087102	NKOYJ 0.2SPLOPENG	EUR	4,5100	4,5400	4,5100			4,5400					
Warrant	NL0010086112	NKOYJ 0.4SPLOPENG	EUR	4,3800	4,4100	4,3800			4,4100					
Warrant	NL0010203246	NKOYJ 0.9SPLOPENG	EUR	3,9500	3,9800	3,9500			3,9800					
Warrant	NL0010213492	NKOYJ 1.2SPLOPENG	EUR	3,6700	3,7000	3,6700			3,7000					
Warrant	NL0010215620	NKOYJ 1.3SPLOPENG	EUR	3,5300	3,5600	3,5300			3,5600					
Warrant	NL0010363313	NKOYJ 1.7SPLOPENG	EUR	3,2000	3,2400	3,2000			3,2400					
Warrant	NL0010535423	NKOYJ 2.3SPLOPENG	EUR	2,6100	2,6400	2,6100			2,6400					
Warrant	NL0010594156	NKOYJ 3.1SPLOPENG	EUR	1,9200	1,9500	1,9200			1,9500					
Warrant	NL0011198098	NKOYJ 6.2SPSOPENG	EUR	2,2500	2,2500	2,2200			2,2200					
Warrant	NL0011303268	NKOYJ 6.9SPSOPENG	EUR	3,0700	3,0700	3,0400			3,0400					
Warrant	NL0012824148	NNGRP 34SPLOPENG	EUR	5,3200	5,7700	5,3200			5,7700					
Warrant	NL0010751889	NNGRP 10.2SPLOPENG	EUR	27,5200	27,9700	27,5200			27,9700					
Warrant	NL0010751871	NNGRP 12.5SPLOPENG	EUR	25,4000	25,8500	25,4000			25,8500					
Warrant	NL0010751863	NNGRP 12.6SPLOPENG	EUR	25,2800	25,7300	25,2800			25,7300					
Warrant	NL0010751855	NNGRP 13.9SPLOPENG	EUR	24,0300	24,4800	24,0300			24,4800					
Warrant	NL0010752226	NNGRP 16.5SPLOPENG	EUR	21,6400	22,0900	21,6400			22,0900					
Warrant	NL0010944013	NNGRP 16.9SPLOPENG	EUR	21,2300	21,6800	21,2300			21,6800					
Warrant	NL0011022447	NNGRP 18.6SPLOPENG	EUR	19,7100	20,1600	19,7100			20,1600					
Warrant	NL0011851993	NNGRP 21.3SPLOPENG	EUR	17,2100	17,6600	17,2100			17,6600					
Warrant	NL0011852694	NNGRP 21.9SPLOPENG	EUR	16,6700	17,1200	16,6700			17,1200					
Warrant	NL0011860556	NNGRP 25.8SPLOPENG	EUR	11,2600	11,7100	11,2600			11,7100					
Warrant	NL0011861968	NNGRP 26.7SPLOPENG	EUR	12,1900	12,6400	12,1900			12,6400					
Warrant	NL0012075030	NNGRP 27.5SPLOPENG	EUR	11,4000	11,8500	11,4000			11,8500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012080055	NNGRP 30.75PLOPENG	EUR	8,4400	8,8900	8,4400			8,8900					
Warrant	NL0012465249	NNGRP 31.85PLOPENG	EUR	7,4400	7,8900	7,4400			7,8900					
Warrant	NL0012829923	NNGRP 36.45PLOPENG	EUR	3,0900	3,5400	3,0900			3,5400					
Warrant	NL0012830491	NNGRP 37.15PLOPENG	EUR											
Warrant	NL0012465256	NNGRP 39.15PSOPENG	EUR											
Warrant	NL0012829931	NNGRP 42.65PSOPENG	EUR	9,1800	9,1800	8,7100			8,7100					
Warrant	NL0011856513	NNGRP21.765PLOPENG	EUR	15,2500	15,7000	15,2500			15,7000					
Warrant	NL0011856505	NNGRP23.075PLOPENG	EUR	13,9800	14,4300	13,9800			14,4300					
Warrant	NL0011859780	NNGRP24.395PLOPENG	EUR	12,6600	13,1100	12,6600			13,1100					
Warrant	NL0012071344	NNGRP27.275PLOPENG	EUR	9,7800	10,2300	9,7800			10,2300					
Warrant	NL0012075204	NNGRP28.765PLOPENG	EUR	8,2900	8,7400	8,2900			8,7400					
Warrant	NL0012075642	NNGRP30.325PLOPENG	EUR	6,7300	7,1800	6,7300			7,1800					
Warrant	NL0012080816	NNGRP31.945PLOPENG	EUR	5,1100	5,5600	5,1100			5,5600					
Warrant	NL0012823363	NNGRP33.585PLOPENG	EUR	3,4700	3,9200	3,4700			3,9200					
Warrant	NL0012825053	NNGRP35.315PLOPENG	EUR	1,7400	2,1900	1,7400			2,1900					
Warrant	NL0012820997	NNGRP38.245PSOPENG	EUR											
Warrant	NL0012481212	NNGRP41.095PSOPENG	EUR	4,3400	4,3400	3,8700			3,8700					
Warrant	NL0011618897	NTFLX 865PLOPENG	EUR	20,4500	20,4500	20,4500			20,4500					
Warrant	NL0011851977	NTFLX 945PLOPENG	EUR	19,8300	19,8300	19,8300			19,8300					
Warrant	NL0011857651	NTFLX 1115PLOPENG	EUR	18,4400	18,4400	18,4400			18,4400					
Warrant	NL0010740478	NTFLX 49.65PLOPENG	EUR	163,2500	163,2500	163,2500			163,2500					
Warrant	NL0011013719	NTFLX 60.75PLOPENG	EUR	157,0000	157,0000	157,0000			157,0000					
Warrant	NL0011212972	NTFLX 66.25PLOPENG	EUR	153,9500	153,9500	153,9500			153,9500					
Warrant	NL0011475421	NVDA 24.45PLOPENG	EUR	159,2000	159,2000	159,2000			159,2000					
Warrant	NL0012826168	NYRST 3.15PLOPENG	EUR											
Warrant	NL0012823066	NYRST 3.45PLOPENG	EUR											
Warrant	NL0012820005	NYRST 5.85PSOPENG	EUR											
Warrant	NL0012831689	NYRST 1.495PLOPENG	EUR											
Warrant	NL0012831580	NYRST 1.635PLOPENG	EUR											
Warrant	NL0012830913	NYRST 1.955PLOPENG	EUR											
Warrant	NL0012831978	NYRST 2.135PLOPENG	EUR											
Warrant	NL0012830889	NYRST 2.145PLOPENG	EUR											
Warrant	NL0012830582	NYRST 2.355PLOPENG	EUR											
Warrant	NL0012832372	NYRST 2.545PSOPENG	EUR	1,4700	1,4900	1,4700			1,4900					
Warrant	NL0012830871	NYRST 2.565PLOPENG	EUR											
Warrant	NL0012830574	NYRST 2.575PLOPENG	EUR											
Warrant	NL0012826176	NYRST 2.835PLOPENG	EUR											
Warrant	NL0012831598	NYRST 2.865PSOPENG	EUR											
Warrant	NL0012830897	NYRST 3.225PSOPENG	EUR	2,2200	2,2500	2,2200			2,2500					
Warrant	NL0011858360	NYRST 3.735PLOPENG	EUR											
Warrant	NL0012826549	NYRST 4.065PLOPENG	EUR											
Warrant	NL0011858352	NYRST 4.095PLOPENG	EUR											
Warrant	NL0012830442	NYRST 4.395PLOPENG	EUR											
Warrant	NL0012826531	NYRST 4.425PLOPENG	EUR											
Warrant	NL0012826523	NYRST 4.825PLOPENG	EUR											
Warrant	NL0012827976	NYRST 5.165PSOPENG	EUR											
Warrant	NL0012823074	NYRST 5.185PSOPENG	EUR											
Warrant	NL0011859418	NYRST 5.685PLOPENG	EUR											
Warrant	NL0012476303	NYRST 6.535PSOPENG	EUR											
Warrant	NL0012066708	NYRST 7.345PSOPENG	EUR											
Warrant	NL0011859442	NYRST 8.265PSOPENG	EUR											
Warrant	NL0012480826	OCI 185PLOPENG	EUR	7,3600	7,4000	7,3600			7,4000					
Warrant	NL0011851100	OCI 9.85PLOPENG	EUR	14,9900	15,0300	14,9900			15,0300					
Warrant	NL0011634373	OCI 10.75PLOPENG	EUR	14,1000	14,1400	14,1000			14,1400					
Warrant	NL0012063275	OCI 15.15PLOPENG	EUR	9,9900	10,0300	9,9800	500,0000	1	10,0300	50				
Warrant	NL0011615760	OCI 19.35PSOPENG	EUR											
Warrant	NL0012819437	OCI 19.65PLOPENG	EUR	5,8600	5,9000	5,8600			5,9000					
Warrant	NL0012819429	OCI 21.45PLOPENG	EUR	4,2100	4,2500	4,2100			4,2500					
Warrant	NL0012824502	OCI 23.35PLOPENG	EUR	2,4200	2,4600	2,4200			2,4600					
Warrant	NL0012829527	OCI 25.45PLOPENG	EUR											
Warrant	NL0011360920	OCI 26.45PSOPENG	EUR											
Warrant	NL0012829519	OCI 27.65PLOPENG	EUR											
Warrant	NL0011355862	OCI 29.65PSOPENG	EUR											
Warrant	NL0012080634	OILCR 475PLOPENG	EUR	19,0100	19,9000	19,0100			19,9000					
Warrant	NL0012464077	OILCR 505PLOPENG	EUR	16,4700	17,3600	16,4700			17,3600					
Warrant	NL0012824825	OILCR 645PLOPENG	EUR	4,8200	5,6600	4,8200			5,6600					
Warrant	NL0012827455	OILCR 685PSOPENG	EUR											
Warrant	NL0012831481	OILCR 745PLOPENG	EUR											
Warrant	NL0011492749	OILCR 30.25PLOPENG	EUR	32,9900	33,9300	32,9900			33,9300					
Warrant	NL0011492335	OILCR 34.55PLOPENG	EUR	29,4100	30,3400	29,4100			30,3400					
Warrant	NL0011491667	OILCR 36.15PLOPENG	EUR	28,1100	29,0300	28,1100			29,0300					
Warrant	NL0011491162	OILCR 36.85PLOPENG	EUR	27,5200	28,4400	27,5200			28,4400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011491063	OILCR 37.6SPLOPENG	EUR	26,8700	27,7900	26,8700			27,7900					
Warrant	NL0011492715	OILCR 38.4SPLOPENG	EUR	26,1400	27,0600	26,1400			27,0600					
Warrant	NL0011490867	OILCR 39.1SPLOPENG	EUR	24,0300	24,9400	24,0300			24,9400					
Warrant	NL0011619630	OILCR 39.3SPLOPENG	EUR	25,4100	26,3200	25,4100			26,3200					
Warrant	NL0011620208	OILCR 40.2SPLOPENG	EUR	24,6600	25,5700	24,6600			25,5700					
Warrant	NL0012075469	OILCR 42.8SPLOPENG	EUR	22,5100	23,4200	22,5100			23,4200					
Warrant	NL0012078810	OILCR 44.1SPLOPENG	EUR	21,4000	22,3000	21,4000			22,3000					
Warrant	NL0012080121	OILCR 45.5SPLOPENG	EUR	20,2200	21,1200	20,2200			21,1200					
Warrant	NL0012462873	OILCR 48.5SPLOPENG	EUR	17,7000	18,5900	17,7000			18,5900					
Warrant	NL0012465363	OILCR 53.2SPLOPENG	EUR	13,7900	14,6600	13,7900			14,6600					
Warrant	NL0012467955	OILCR 56.7SPLOPENG	EUR	10,9200	11,7800	10,9200			11,7800					
Warrant	NL0012474613	OILCR 58.4SPLOPENG	EUR	9,4900	10,3500	9,4900			10,3500					
Warrant	NL0012822506	OILCR 64.8SPLOPENG	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	NL0012826986	OILCR 70.8SPLOPENG	EUR											
Warrant	NL0012831036	OILCR 71.9SPLOPENG	EUR											
Warrant	NL0012829659	OILCR 73.5SPLOPENG	EUR											
Warrant	NL0012831044	OILCR 76.5SPLOPENG	EUR											
Warrant	NL0010955332	OILCR 79.7SPLOPENG	EUR	15,4800	15,4800	14,7200			14,7200					
Warrant	NL0012823934	OILCR108.2SPLOPENG	EUR	36,9100	36,9100	36,2400			36,2400					
Warrant	NL0011618798	OILCR35.62SPLOPENG	EUR	27,0500	27,9800	27,0500			27,9800					
Warrant	NL0011492293	OILCR36.23SPLOPENG	EUR	26,5200	27,4400	26,5200			27,4400					
Warrant	NL0011491519	OILCR37.71SPLOPENG	EUR	25,2600	26,1800	25,2600			26,1800					
Warrant	NL0011491196	OILCR38.32SPLOPENG	EUR	24,6700	25,5800	24,6700			25,5800					
Warrant	NL0011619606	OILCR40.64SPLOPENG	EUR	22,6500	23,5600	22,6500			23,5600					
Warrant	NL0011622170	OILCR41.37SPLOPENG	EUR	22,0600	22,9600	22,0600			22,9600					
Warrant	NL0012074967	OILCR42.45SPLOPENG	EUR	21,1500	22,0500	21,1500			22,0500					
Warrant	NL0012075832	OILCR43.57SPLOPENG	EUR	20,2100	21,1100	20,2100			21,1100					
Warrant	NL0012079446	OILCR44.72SPLOPENG	EUR	19,1600	20,0600	19,1600			20,0600					
Warrant	NL0012080568	OILCR45.98SPLOPENG	EUR	18,0700	18,9500	18,0700			18,9500					
Warrant	NL0012080626	OILCR47.19SPLOPENG	EUR	17,0000	17,8800	17,0000			17,8800					
Warrant	NL0012463012	OILCR48.45SPLOPENG	EUR	15,9100	16,7800	15,9100			16,7800					
Warrant	NL0012463988	OILCR49.66SPLOPENG	EUR	14,8400	15,7100	14,8400			15,7100					
Warrant	NL0012464721	OILCR51.03SPLOPENG	EUR	13,6300	14,5000	13,6300			14,5000					
Warrant	NL0012464986	OILCR52.31SPLOPENG	EUR	12,5200	13,3800	12,5200			13,3800					
Warrant	NL0012466411	OILCR53.74SPLOPENG	EUR	11,2600	12,1200	11,2600	1182,0000	1	12,1200	100				
Warrant	NL0012467740	OILCR55.09SPLOPENG	EUR	10,0800	10,9400	10,0800			10,9400					
Warrant	NL0012468201	OILCR56.59SPLOPENG	EUR	8,7600	9,6100	8,7600			9,6100					
Warrant	NL0012474597	OILCR58.06SPLOPENG	EUR	7,4800	8,3200	7,4800			8,3200					
Warrant	NL0012480388	OILCR59.56SPLOPENG	EUR	6,1600	7,0000	6,1600			7,0000					
Warrant	NL0012821615	OILCR61.11SPLOPENG	EUR	4,8000	5,6400	4,8000			5,6400					
Warrant	NL0012822076	OILCR62.69SPLOPENG	EUR	3,4200	4,2500	3,4200			4,2500					
Warrant	NL0012827695	OILCR64.28SPLOPENG	EUR	2,0300	2,8500	2,0300			2,8500					
Warrant	NL0012828081	OILCR65.91SPLOPENG	EUR											
Warrant	NL0012825012	OILCR66.41SPLOPENG	EUR											
Warrant	NL0012827489	OILCR66.69SPLOPENG	EUR											
Warrant	NL0012828669	OILCR67.55SPLOPENG	EUR											
Warrant	NL0012829600	OILCR67.55SPLOPENG	EUR											
Warrant	NL0012825913	OILCR68.03SPLOPENG	EUR											
Warrant	NL0012826945	OILCR68.39SPLOPENG	EUR											
Warrant	NL0012831010	OILCR69.17SPLOPENG	EUR											
Warrant	NL0012825921	OILCR70.15SPLOPENG	EUR											
Warrant	NL0012831002	OILCR70.87SPLOPENG	EUR											
Warrant	NL0012824213	OILCR71.64SPLOPENG	EUR											
Warrant	NL0012831655	OILCR72.66SPLOPENG	EUR											
Warrant	NL0012823652	OILCR73.48SPLOPENG	EUR											
Warrant	NL0012832166	OILCR73.91SPLOPENG	EUR	6,8600	6,8600	6,0700			6,0700					
Warrant	NL0012831648	OILCR74.47SPLOPENG	EUR											
Warrant	NL0010957254	OILCR75.45SPLOPENG	EUR											
Warrant	NL0012831754	OILCR75.81SPLOPENG	EUR	8,5300	8,5300	7,7400			7,7400					
Warrant	NL0012831762	OILCR77.76SPLOPENG	EUR	10,2400	10,2400	9,4600			9,4600					
Warrant	NL0012831663	OILCR79.76SPLOPENG	EUR	11,9900	11,9900	11,2200			11,2200					
Warrant	NL0012831416	OILCR81.81SPLOPENG	EUR	13,7900	13,7900	13,0200			13,0200					
Warrant	NL0012831424	OILCR83.91SPLOPENG	EUR	15,6300	15,6300	14,8700			14,8700					
Warrant	NL0011307871	PALLA 351SPLOPENG	EUR	69,2200	69,2200	68,1500			68,1500					
Warrant	NL0009366848	PALLA 388SPLOPENG	EUR	66,0400	66,0400	64,9500			64,9500					
Warrant	NL0011363353	PALLA 450SPLOPENG	EUR	60,9500	60,9500	59,8400			59,8400					



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
Warrant	NL0011363346	PALLA 472SPLOPENG	EUR	59,0500	59,0500	57,9300			57,9300					
Warrant	NL0011492376	PALLA 496SPLOPENG	EUR	57,0900	57,0900	55,9700			55,9700					
Warrant	NL0011627476	PALLA 546SPLOPENG	EUR	52,8500	52,8500	51,7100			51,7100					
Warrant	NL0011845441	PALLA 602SPLOPENG	EUR	48,1600	48,1600	47,0100			47,0100					
Warrant	NL0011848403	PALLA 632SPLOPENG	EUR	45,6500	45,6500	44,4800			44,4800					
Warrant	NL0011859137	PALLA 664SPLOPENG	EUR	43,0100	43,0100	41,8300			41,8300					
Warrant	NL0012064950	PALLA 732SPLOPENG	EUR	37,3200	37,3200	36,1100			36,1100					
Warrant	NL0012065262	PALLA 768SPLOPENG	EUR	34,2500	34,2500	33,0400			33,0400					
Warrant	NL0012073373	PALLA 807SPLOPENG	EUR	31,0400	31,0400	29,8200			29,8200					
Warrant	NL0012073803	PALLA 841SPLOPENG	EUR											
Warrant	NL0012827893	PALLA 890SPLOPENG	EUR	24,1200	24,1200	22,8700			22,8700					
Warrant	NL0012829683	PALLA 934SPLOPENG	EUR	20,4100	20,4100	19,1400			19,1400					
Warrant	NL0012467989	PALLA 1198SPSOPENG	EUR	12,3300	13,6800	12,3300			13,6800					
Warrant	NL0011846894	PEUGO 8.2SPLOPENG	EUR	11,7600	13,0300	11,7600			13,0300					
Warrant	NL0011851027	PEUGO 10.9SPLOPENG	EUR	9,3100	10,5700	9,3100			10,5700					
Warrant	NL0012064687	PEUGO 14.4SPLOPENG	EUR	6,1200	7,3800	6,1200			7,3800					
Warrant	NL0012478036	PEUGO 17.2SPLOPENG	EUR	3,5700	4,8300	3,5700			4,8300					
Warrant	NL0012479562	PEUGO 18.8SPLOPENG	EUR	2,1100	2,1100	2,1100			2,1100					
Warrant	NL0012825475	PEUGO 22.3SPLOPENG	EUR											
Warrant	NL0012833057	PHARM 0.91SPLOPENG	EUR											
Warrant	NL0012830590	PHARM 0.91SPLOPENG	EUR											
Warrant	NL0012830202	PHARMO.502SPLOPENG	EUR	0,5200	0,5200	0,5200			0,5200					
Warrant	NL0012830194	PHARMO.565SPLOPENG	EUR	0,4700	0,4700	0,4700			0,4700					
Warrant	NL0012830186	PHARMO.615SPLOPENG	EUR	0,4300	0,4300	0,4300			0,4300					
Warrant	NL0012830178	PHARMO.683SPLOPENG	EUR	0,3500	0,3700	0,3400	3344,8000	4	0,3500	9480				
Warrant	NL0012830434	PHARMO.752SPLOPENG	EUR	0,3100	0,3100	0,3100			0,3100					
Warrant	NL0012832398	PHARMO.827SPLOPENG	EUR	0,2500	0,2600	0,2400	3515,0000	6	0,2400	14000				
Warrant	NL0012830459	PHARMO.828SPLOPENG	EUR											
Warrant	NL0012829998	PHARMO.841SPLOPENG	EUR											
Warrant	NL0012831341	PHARMO.911SPLOPENG	EUR											
Warrant	NL0012826861	PHARMO.934SPLOPENG	EUR											
Warrant	NL0012829980	PHARM1.028SPLOPENG	EUR											
Warrant	NL0012826853	PHARM1.038SPLOPENG	EUR											
Warrant	NL0012826846	PHARM1.153SPLOPENG	EUR											
Warrant	NL0012828768	PHARM1.261SPLOPENG	EUR											
Warrant	NL0012481337	PHILP 32SPLOPENG	EUR											
Warrant	NL0006427809	PHILP 2.1SPLOPENG	EUR	29,2800	30,0700	29,2800			30,0700					
Warrant	NL0009881606	PHILP 8.5SPLOPENG	EUR	23,4000	24,2000	23,4000			24,2000					
Warrant	NL0010099859	PHILP 9.6SPLOPENG	EUR	22,3700	23,1700	22,3700			23,1700					
Warrant	NL0010103800	PHILP 10.7SPLOPENG	EUR	21,2900	22,0800	21,2900			22,0800					
Warrant	NL0010087706	PHILP 12.4SPLOPENG	EUR	19,7400	20,5400	19,7400			20,5400					
Warrant	NL0010203261	PHILP 14.8SPLOPENG	EUR	17,5300	18,3300	17,5300			18,3300					
Warrant	NL0010212478	PHILP 15.8SPLOPENG	EUR	16,5900	17,3900	16,5900			17,3900					
Warrant	NL0010360913	PHILP 16.8SPLOPENG	EUR	15,6000	16,4000	15,6000			16,4000					
Warrant	NL0010362828	PHILP 17.9SPLOPENG	EUR	14,6100	15,4000	14,6100			15,4000					
Warrant	NL0011621743	PHILP 19.3SPLOPENG	EUR	13,2900	14,0800	13,2900			14,0800					
Warrant	NL0011849120	PHILP 20.8SPLOPENG	EUR	11,9100	12,7100	11,9100			12,7100					
Warrant	NL0011849500	PHILP 21.6SPLOPENG	EUR	9,7900	10,5900	9,7900			10,5900					
Warrant	NL0011851894	PHILP 22.4SPLOPENG	EUR	10,4400	11,2300	10,4400			11,2300					
Warrant	NL0011860457	PHILP 24.1SPLOPENG	EUR	8,8700	9,6600	8,8700			9,6600					
Warrant	NL0012068266	PHILP 25.9SPLOPENG	EUR	7,1800	7,9800	7,1800	289,6000	1	7,9800	40				
Warrant	NL0012069652	PHILP 27.8SPLOPENG	EUR	5,3800	6,1800	5,3800			6,1800					
Warrant	NL0012474522	PHILP 29.5SPLOPENG	EUR	1,8900	2,6800	1,7500	6360,2000	3	2,6800	2960				
Warrant	NL0012479232	PHILP 29.8SPLOPENG	EUR	3,5100	4,3000	3,5100			4,3000					
Warrant	NL0012819940	PHILP 34.2SPLOPENG	EUR											
Warrant	NL0012832315	PHILP 35.6SPSOPENG	EUR											
Warrant	NL0012825962	PHILP 36.6SPLOPENG	EUR											
Warrant	NL0012827224	PHILP 37.8SPSOPENG	EUR											
Warrant	NL0012825970	PHILP 38.6SPSOPENG	EUR											
Warrant	NL0012827935	PHILP 38.7SPSOPENG	EUR											
Warrant	NL0012831846	PHILP 38.9SPSOPENG	EUR	7,9100	7,9100	7,1100			7,1100					
Warrant	NL0012829378	PHILP 39.9SPSOPENG	EUR											
Warrant	NL0010939344	PHILP15.21SPLOPENG	EUR	16,1800	16,9700	16,1800			16,9700					
Warrant	NL0010739876	PHILP16.18SPLOPENG	EUR	15,2100	16,0000	15,2100			16,0000					
Warrant	NL0010686309	PHILP17.24SPLOPENG	EUR	14,1200	14,9200	14,1200			14,9200					
Warrant	NL0010593497	PHILP18.36SPLOPENG	EUR	13,0200	13,8100	13,0200			13,8100					
Warrant	NL0011620844	PHILP19.41SPLOPENG	EUR	11,9800	12,7800	11,9800			12,7800					
Warrant	NL0011846175	PHILP20.48SPLOPENG	EUR	10,9100	11,7100	10,9100			11,7100					
Warrant	NL0011851704	PHILP22.76SPLOPENG	EUR	8,6300	9,4200	8,6300			9,4200					
Warrant	NL0011852926	PHILP23.99SPLOPENG	EUR	7,4000	8,1900	7,4000			8,1900					
Warrant	NL0011858113	PHILP25.28SPLOPENG	EUR	6,1100	6,9100	6,1100			6,9100					
Warrant	NL0012066914	PHILP26.63SPLOPENG	EUR	4,7500	5,5500	4,7500			5,5500					



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	NL0012069561	PHILP28.06SPLOPENG	EUR	3,3300	4,1300	3,3300	1527,0000	2	4,1300	400				
Warrant	NL0012479027	PHILP31.03SPLOPENG	EUR											
Warrant	NL0012064729	PHILP32.28SPSOPENG	EUR											
Warrant	NL0012480669	PHILP32.62SPLOPENG	EUR											
Warrant	NL0012818637	PHILP34.25SPLOPENG	EUR											
Warrant	NL0012825772	PHILP35.96SPLOPENG	EUR											
Warrant	NL0012828404	PHILP37.71SPLOPENG	EUR											
Warrant	NL0012829790	PHILP37.75SPLOPENG	EUR											
Warrant	NL0012463491	PHILP39.22SPSOPENG	EUR											
Warrant	NL0012825368	PHILP41.84SPSOPENG	EUR	10,8200	10,8200	10,0200			10,0200					
Warrant	NL0012827885	PLATI 633SPLOPENG	EUR	2,0400	2,0400	2,0200			2,0200					
Warrant	NL0012825186	PLATI 667SPLOPENG	EUR	1,7600	1,7600	1,7400			1,7400					
Warrant	NL0012823207	PLATI 702SPLOPENG	EUR	1,4700	1,4700	1,4400			1,4400					
Warrant	NL0011483136	PLATI 739SPLOPENG	EUR	1,1500	1,1500	1,1200			1,1200					
Warrant	NL0011481726	PLATI 772SPLOPENG	EUR											
Warrant	NL0012829675	PLATI 776SPLOPENG	EUR	0,8500	0,8500	0,8200			0,8200					
Warrant	NL0012832679	PLATI 816SPLOPENG	EUR	0,5300	0,5300	0,5000			0,5000					
Warrant	NL0012827331	PLATI 820SPSOPENG	EUR											
Warrant	NL0012825194	PLATI 896SPSOPENG	EUR	1,0100	1,0500	1,0100			1,0500					
Warrant	NL0012062889	PLATI 902SPLOPENG	EUR											
Warrant	NL0012479083	PLATI 963SPSOPENG	EUR	1,6300	1,6700	1,6300			1,6700					
Warrant	NL0012478085	PLATI 1006SPSOPENG	EUR	1,6900	1,7200	1,6900			1,7200					
Warrant	NL0011856448	PLATI 1036SPSOPENG	EUR	2,3000	2,3400	2,3000			2,3400					
Warrant	NL0012079529	PLATI 1048SPSOPENG	EUR	2,0600	2,0900	2,0600			2,0900					
Warrant	NL0011856422	PLATI 1084SPSOPENG	EUR	2,7500	2,7900	2,7500			2,7900					
Warrant	NL0011852900	PLATI 1166SPSOPENG	EUR	3,5000	3,5400	3,5000			3,5400					
Warrant	NL0010356432	PLATI 1558SPSOPENG	EUR	7,1100	7,1600	7,1100			7,1600					
Warrant	NL0012827323	PLATI1722.75PLOPENG	EUR	1,1300	1,1300	1,1100			1,1100					
Warrant	NL0012825087	PLATI1752.85PLOPENG	EUR	0,8700	0,8700	0,8200	697,0000	1	0,8400	850				
Warrant	NL0012822944	PLATI1778.15PLOPENG	EUR											
Warrant	NL0012831028	PLATI1782.95PLOPENG	EUR	0,6100	0,6100	0,5800			0,5800					
Warrant	NL0012824676	PLATI1889.85SPSOPENG	EUR	0,6700	0,7000	0,6700			0,7000					
Warrant	NL0012070304	PLATI1901.35PLOPENG	EUR											
Warrant	NL0012819767	PLATI1926.95SPSOPENG	EUR	1,0000	1,0300	1,0000			1,0300					
Warrant	NL0012478416	PLATI1965.55SPSOPENG	EUR	1,3400	1,3700	1,3400			1,3700					
Warrant	NL0009105386	POST 15PLOPENG	EUR	1,5500	1,5900	1,5500			1,5900					
Warrant	DE000CV896E5	POST 3C 1218Z	EUR	0,0460	0,0520	0,0460			0,0520					
Warrant	NL0012829402	POST 35PLOPENG	EUR											
Warrant	NL0012832323	POST 35SPSOPENG	EUR	0,8700	0,8700	0,8300			0,8300					
Warrant	NL0010354429	POST 0.95PLOPENG	EUR	1,6700	1,7100	1,6700			1,7100					
Warrant	NL0010356143	POST 1.25PLOPENG	EUR	1,4100	1,4500	1,4100			1,4500					
Warrant	NL0010449500	POST 1.55PLOPENG	EUR	1,1300	1,1700	1,1300			1,1700					
Warrant	NL0010461067	POST 1.75PLOPENG	EUR	0,9700	1,0000	0,9700			1,0000					
Warrant	NL0010465829	POST 1.95PLOPENG	EUR	0,8100	0,8500	0,8100			0,8500					
Warrant	NL0010525655	POST 2.15PLOPENG	EUR	0,6200	0,6600	0,6200			0,6600					
Warrant	NL0010531067	POST 2.35PLOPENG	EUR	0,4100	0,4600	0,4100	115,0000	1	0,4500	250				
Warrant	NL0011478904	POST 2.45PLOPENG	EUR	0,2200	0,2700	0,2200	44,0000	1	0,2700	200				
Warrant	NL0011618855	POST 2.65PLOPENG	EUR											
Warrant	DE000CV896D7	POST 2.7C 1218Z	EUR	0,0920	0,1050	0,0920			0,1050					
Warrant	NL0012821037	POST 2.85PLOPENG	EUR											
Warrant	NL0012823009	POST 3.15PLOPENG	EUR											
Warrant	NL0012826002	POST 3.35PLOPENG	EUR											
Warrant	NL0012476261	POST 3.55SPSOPENG	EUR	1,4500	1,4500	1,4100			1,4100					
Warrant	NL0012074991	POST 4.25SPSOPENG	EUR	2,1800	2,1800	2,1400			2,1400					
Warrant	NL0011859228	POST 5.11SPSOPENG	EUR	2,7300	2,7300	2,6900			2,6900					
Warrant	NL0012832000	POST 2.1025PLOPENG	EUR	0,3700	0,4200	0,3700	420,0000	2	0,4100	1000				
Warrant	NL0011618038	POST 2.385SPLOPENG	EUR	0,0700	0,1100	0,0700	200,0000	1	0,1100	2000				
Warrant	NL0012831994	POST 2.4825PLOPENG	EUR											
Warrant	NL0011618400	POST 2.5815PLOPENG	EUR											
Warrant	NL0012479315	POST 2.7795PLOPENG	EUR											
Warrant	NL0012826309	POST 2.9665PLOPENG	EUR											
Warrant	NL0012829253	POST 2.9735PLOPENG	EUR											
Warrant	NL0012822316	POST 3.0415PLOPENG	EUR											
Warrant	NL0012829956	POST 3.1815PLOPENG	EUR											
Warrant	NL0012825814	POST 3.2555PLOPENG	EUR											
Warrant	NL0012476451	POST 3.6035SPSOPENG	EUR	1,2200	1,2200	1,1800			1,1800					
Warrant	NL0011862719	POST 4.2825SPSOPENG	EUR	1,9000	1,9000	1,8600			1,8600					
Warrant	NL0010591111	PROX 15SPLOPENG	EUR	9,4000	9,4000	9,3300			9,3300					
Warrant	NL0010688164	PROX 17SPLOPENG	EUR	7,5700	7,5700	7,5000			7,5000					
Warrant	NL0010743233	PROX 19SPLOPENG	EUR	5,6800	5,6800	5,6100			5,6100					
Warrant	DE000CV89689	PROX 20C 1218Z	EUR	0,5850	0,5850	0,5850			0,5850					
Warrant	DE000CV896A3	PROX 25C 1218Z	EUR	0,0350	0,0350	0,0350			0,0350					



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
Warrant	NL0009110550	PROX 9.9SPLOPENG	EUR	14,1500	14,1500	14,0800			14,0800					
Warrant	NL0010540431	PROX 13.2SPLOPENG	EUR	11,1000	11,1000	11,0300			11,0300					
Warrant	NL0012832356	PROX 20.7SPLOPENG	EUR	4,0900	4,0900	4,0200			4,0200					
Warrant	DE000CV89697	PROX 22.5C 1218Z	EUR	0,2000	0,2000	0,2000			0,2000					
Warrant	NL0011022363	PROX 34.1SPSOPENG	EUR	13,7100	13,7300	13,7100			13,7300					
Warrant	NL0010957833	PSI20 3780SPLOPENG	EUR	13,1200	14,2000	13,1200	2624,0000	1		14,2000	200			
Warrant	NL0010830097	RANDS 24SPLOPENG	EUR	19,2400	20,8800	19,2400			20,8800					
Warrant	NL0011858337	RANDS 39SPLOPENG	EUR	5,6200	7,2600	5,6200			7,2600					
Warrant	DE000CJ3P135	RANDS 44C 0619Z	EUR	0,3500	0,4750	0,3500			0,4750					
Warrant	DE000CJ3N9K3	RANDS 45C 0319Z	EUR	0,2600	0,3650	0,2600			0,3650					
Warrant	NL0011304498	RANDS 64SPSOPENG	EUR	30,2000	30,2000	28,5400			28,5400					
Warrant	NL0009107044	RANDS 7.2SPLOPENG	EUR	34,4500	36,0900	34,4500			36,0900					
Warrant	NL0009111384	RANDS 9.5SPLOPENG	EUR	32,4800	34,1200	32,4800			34,1200					
Warrant	NL0009904036	RANDS 11.7SPLOPENG	EUR	30,4300	32,0700	30,4300			32,0700					
Warrant	NL0010102430	RANDS 12.9SPLOPENG	EUR	29,4000	31,0400	29,4000			31,0400					
Warrant	NL0010216800	RANDS 15.9SPLOPENG	EUR	26,6600	28,3000	26,6600			28,3000					
Warrant	NL0010218764	RANDS 17.8SPLOPENG	EUR	24,9100	26,5500	24,9100			26,5500					
Warrant	NL0010343992	RANDS 19.8SPLOPENG	EUR	23,0600	24,7000	23,0600			24,7000					
Warrant	NL0010361200	RANDS 21.9SPLOPENG	EUR	21,1700	22,8100	21,1700			22,8100					
Warrant	NL0010939732	RANDS 26.3SPLOPENG	EUR	17,1400	18,7800	17,1400			18,7800					
Warrant	NL0011847595	RANDS 29.9SPLOPENG	EUR	11,3400	12,9800	11,3400			12,9800					
Warrant	NL0011847462	RANDS 30.9SPLOPENG	EUR	13,0100	14,6500	13,0100			14,6500					
Warrant	NL0011850946	RANDS 33.4SPLOPENG	EUR	10,7100	12,3500	10,7100			12,3500					
Warrant	NL0011857370	RANDS 36.1SPLOPENG	EUR	8,2500	9,8900	8,2500			9,8900					
Warrant	NL0011859384	RANDS 42.1SPLOPENG	EUR											
Warrant	NL0012063184	RANDS 45.4SPLOPENG	EUR											
Warrant	NL0012824072	RANDS 49.3SPLOPENG	EUR											
Warrant	DE000CV8AMY8	RANDS 55.2C 0319Z	EUR	0,0280	0,0480	0,0280	24,0000	1	0,0430	500				
Warrant	NL0011195342	RANDS 58.3SPSOPENG	EUR	23,8300	23,8300	22,1700			22,1700					
Warrant	NL0010826194	RANDS21.89SPLOPENG	EUR	19,3500	20,9900	19,3500			20,9900					
Warrant	NL0010812327	RANDS23.45SPLOPENG	EUR	17,8000	19,4400	17,8000			19,4400					
Warrant	NL0010943122	RANDS26.66SPLOPENG	EUR	14,5800	16,2200	14,5800			16,2200					
Warrant	NL0011847306	RANDS28.25SPLOPENG	EUR	12,9900	14,6300	12,9900			14,6300					
Warrant	NL0011847587	RANDS31.64SPLOPENG	EUR	9,6000	11,2400	9,6000			11,2400					
Warrant	NL0011848767	RANDS33.21SPLOPENG	EUR	8,0400	9,6800	8,0400			9,6800					
Warrant	NL0011851712	RANDS35.11SPLOPENG	EUR	6,1400	7,7800	6,1400			7,7800					
Warrant	NL0011856570	RANDS37.11SPLOPENG	EUR	4,1300	5,7700	4,1300			5,7700					
Warrant	NL0011857594	RANDS39.22SPLOPENG	EUR	2,0200	3,6600	2,0200	115,8400	2	3,6600	56				
Warrant	NL0011859210	RANDS41.42SPLOPENG	EUR											
Warrant	NL0011859707	RANDS43.71SPLOPENG	EUR											
Warrant	DE000CV896G0	RANDS44.35C 1218Z	EUR	0,1300	0,2250	0,1300			0,2250					
Warrant	NL0011862693	RANDS46.11SPLOPENG	EUR											
Warrant	NL0012831853	RANDS47.49SPSOPENG	EUR	6,7900	6,7900	5,1300	423,0000	1	5,1300	75				
Warrant	NL0012823298	RANDS49.14SPLOPENG	EUR											
Warrant	DE000CV896H8	RANDS49.28C 1218Z	EUR	0,0230	0,0430	0,0230			0,0430					
Warrant	NL0012825376	RANDS51.58SPLOPENG	EUR											
Warrant	DE000CV896J4	RANDS54.21C 1218Z	EUR	0,0100	0,0120	0,0100			0,0120					
Warrant	NL0012481188	RANDS54.93SPSOPENG	EUR	14,2200	14,2200	12,5600			12,5600					
Warrant	DE000CV8AMX0	RANDS58.15C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0011301940	RANDS59.12SPSOPENG	EUR	18,4100	18,4100	16,7500			16,7500					
Warrant	DE000CV8ANK5	RANDS59.14C 0319Z	EUR	0,0130	0,0210	0,0130			0,0210					
Warrant	NL0006423501	RELX 1.2SPLOPENG	EUR	25,0200	25,2800	25,0200			25,2800					
Warrant	NL0010087599	RELX 3.7SPLOPENG	EUR	21,5500	21,8100	21,5500			21,8100					
Warrant	NL0010214706	RELX 4.8SPLOPENG	EUR	20,0100	20,2700	20,0100			20,2700					
Warrant	NL0010744066	RELX 8.3SPLOPENG	EUR	15,0900	15,3500	15,0900			15,3500					
Warrant	NL0010746236	RELX 9.1SPLOPENG	EUR	14,0500	14,3100	14,0500			14,3100					
Warrant	NL0010940789	RELX 9.8SPLOPENG	EUR	12,9800	13,2300	12,9800			13,2300					
Warrant	NL0010944583	RELX 10.6SPLOPENG	EUR	11,8500	12,1000	11,8500			12,1000					
Warrant	NL0010967832	RELX 11.5SPLOPENG	EUR	10,6200	10,8700	10,6200			10,8700					
Warrant	NL0011372610	RELX 12.7SPLOPENG	EUR	5,8500	6,0200	5,8500			6,0200					
Warrant	NL0012064620	RELX 13.9SPLOPENG	EUR	4,7300	4,9000	4,7300			4,9000					
Warrant	NL0012068068	RELX 15.3SPLOPENG	EUR	3,5100	3,6700	3,5100			3,6700					
Warrant	NL0012481394	RELX 16.7SPLOPENG	EUR	2,2500	2,4100	2,2500			2,4100					
Warrant	NL0012824098	RELX 18.2SPLOPENG	EUR											
Warrant	NL0012465132	RELX 21.6SPSOPENG	EUR	6,7400	6,7400	6,5500			6,5500					
Warrant	NL0011370028	RWE 9SPLOPENG	EUR	9,4200	9,4200	9,4100			9,4100					
Warrant	NL0011374004	RWE 8.3SPLOPENG	EUR	10,0300	10,0300	10,0200			10,0200					
Warrant	NL0011374491	RWE 9.6SPLOPENG	EUR	8,8000	8,8000	8,7900			8,7900					
Warrant	NL0010587838	RYA 3.8SPLOPENG	EUR	8,7400	8,7400	8,7400			8,7400					
Warrant	NL0010598454	RYA 4.9SPLOPENG	EUR	7,7200	7,7200	7,7200			7,7200					
Warrant	NL0010537254	SANOF 51.9SPLOPENG	EUR	27,0800	27,3200	27,0800			27,3200					
Warrant	NL0010537072	SANOF 56.8SPLOPENG	EUR	22,4700	22,7100	22,4700			22,7100					



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
Warrant	NL0012819411	SANOF 61.9SPLOPENG	EUR	17,7100	17,9500	17,7100			17,9500					
Warrant	NL0012829915	SANOF 67.5SPLOPENG	EUR	12,5100	12,7500	12,5100			12,7500					
Warrant	NL0011206891	SANOF 90.1SPSOPENG	EUR	22,1400	22,7600	21,8700	341,4000	1	21,8700	15				
Warrant	NL0011194683	SANOF101.1SPSOPENG	EUR	34,0800	34,0800	33,8100			33,8100					
Warrant	NL0006423840	SBMOF 6SPLOPENG	EUR	9,2200	9,2200	9,2200			9,2200					
Warrant	DE000CV896N6	SBMOF 12C 1218Z	EUR	2,6900	2,7850	2,6900			2,7850					
Warrant	NL0012825996	SBMOF 12SPLOPENG	EUR	3,8300	3,8300	3,8300			3,8300					
Warrant	NL0010215521	SBMOF 5.6SPLOPENG	EUR	9,6700	9,6700	9,6700			9,6700					
Warrant	NL0006423246	SBMOF 7.3SPLOPENG	EUR	8,0800	8,0800	8,0800			8,0800					
Warrant	NL0010216032	SBMOF 7.9SPLOPENG	EUR	7,5400	7,5400	7,5400			7,5400					
Warrant	NL0011010178	SBMOF 8.5SPLOPENG	EUR	7,0100	7,0100	7,0100			7,0100					
Warrant	NL0011372594	SBMOF 9.1SPLOPENG	EUR	6,4200	6,4200	6,4200			6,4200					
Warrant	NL0012824478	SBMOF 9.8SPLOPENG	EUR	5,8400	5,8400	5,8400			5,8400					
Warrant	NL0012824965	SBMOF 10.5SPLOPENG	EUR	5,2100	5,2100	5,2100			5,2100					
Warrant	NL0012825459	SBMOF 11.2SPLOPENG	EUR	4,5400	4,5400	4,5400			4,5400					
Warrant	NL0012825988	SBMOF 12.8SPLOPENG	EUR	3,0700	3,0700	3,0700			3,0700					
Warrant	DE000CV896P1	SBMOF 13.5C 1218Z	EUR	1,4950	1,5700	1,4950			1,5700					
Warrant	NL0012828735	SBMOF 13.7SPLOPENG	EUR	2,2500	2,2500	2,2500			2,2500					
Warrant	NL0012821441	SBMOF 14.2SPSOPENG	EUR											
Warrant	NL0012829394	SBMOF 14.7SPLOPENG	EUR											
Warrant	NL0012831549	SBMOF 15.5SPLOPENG	EUR											
Warrant	NL0012474712	SBMOF 15.6SPSOPENG	EUR											
Warrant	NL0012831952	SBMOF 15.7SPLOPENG	EUR											
Warrant	NL0009613611	SBMOF 17.1SPSOPENG	EUR											
Warrant	NL0012831960	SBMOF 18.7SPSOPENG	EUR	6,3400	6,3400	6,1800			6,1800					
Warrant	NL0010967642	SBMOF 6.84SPLOPENG	EUR	7,9000	7,9000	7,9000			7,9000					
Warrant	NL0010967634	SBMOF 7.23SPLOPENG	EUR	7,5100	7,5100	7,5100			7,5100					
Warrant	NL0010958641	SBMOF 7.63SPLOPENG	EUR	7,1100	7,1100	7,1100			7,1100					
Warrant	NL0010968871	SBMOF 8.06SPLOPENG	EUR	6,5000	6,6900	6,5000	1300,0000	1	6,6900	200				
Warrant	NL0010969234	SBMOF 8.49SPLOPENG	EUR	6,2500	6,2500	6,2500			6,2500					
Warrant	NL0011364781	SBMOF 8.98SPLOPENG	EUR	5,8200	5,8200	5,8200			5,8200					
Warrant	NL0011372339	SBMOF 9.45SPLOPENG	EUR	5,3100	5,3100	5,3100			5,3100					
Warrant	NL0012824767	SBMOF 9.92SPLOPENG	EUR	4,8600	4,8600	4,8600			4,8600					
Warrant	NL0012825020	SBMOF10.44SPLOPENG	EUR	4,3400	4,3400	4,3400			4,3400					
Warrant	NL0012825103	SBMOF10.97SPLOPENG	EUR	3,8100	3,8100	3,8100			3,8100					
Warrant	NL0012825806	SBMOF11.53SPLOPENG	EUR	3,2500	3,2500	3,2500			3,2500					
Warrant	NL0012825798	SBMOF12.11SPLOPENG	EUR	2,6700	2,6700	2,6700			2,6700					
Warrant	NL0012825780	SBMOF12.72SPLOPENG	EUR	2,0600	2,0600	2,0600			2,0600					
Warrant	NL0012827729	SBMOF13.37SPLOPENG	EUR	1,4100	1,4100	1,4100			1,4100					
Warrant	NL0012823306	SBMOF13.69SPSOPENG	EUR											
Warrant	NL0012828693	SBMOF14.05SPLOPENG	EUR	0,7600	0,7600	0,7300	114,0000	1	0,7300	150				
Warrant	NL0012473052	SBMOF14.71SPSOPENG	EUR											
Warrant	NL0012828685	SBMOF14.73SPLOPENG	EUR											
Warrant	NL0012829808	SBMOF14.76SPLOPENG	EUR											
Warrant	NL0012063036	SBMOF15.82SPSOPENG	EUR											
Warrant	NL0012831861	SBMOF16.28SPLOPENG	EUR											
Warrant	NL0012832083	SBMOF16.78SPSOPENG	EUR	2,4300	2,4300	2,2700			2,2700					
Warrant	NL0012461925	SBMOF16.89SPSOPENG	EUR											
Warrant	NL0012831556	SBMOF18.05SPSOPENG	EUR	3,7100	3,7100	3,5500			3,5500					
Warrant	NL0012294375	SDJES 70C 0927G	EUR	7,4100	7,7300	7,4100			7,7300					
Warrant	NL0012818447	SDJES 69.7C 1028G	EUR	8,4500	8,8000	8,4500	14085,0800	6	8,8000	1645				
Warrant	NL0012703094	SDJES 70.4C 0328G	EUR	7,1800	7,4900	7,1800			7,4900					
Warrant	NL0012703078	SDJES 71.1C 0228G	EUR	6,9100	7,2100	6,9100			7,2100					
Warrant	NL0012235832	SDJES 71.6C 0427G	EUR	6,5600	6,8500	6,5600			6,8500					
Warrant	NL0012375257	SDJES 73.8C 1027G	EUR	6,4300	6,7100	6,4300			6,7100					
Warrant	NL0012703045	SDJES 75.1C 0128G	EUR	6,0300	6,3000	6,0300			6,3000					
Warrant	NL0012156152	SDJES64.56C 0227G	EUR	9,3500	9,7500	9,3500			9,7500					
Warrant	NL0012156137	SDJES65.61C 0127G	EUR	8,7700	9,1600	8,7700			9,1600					
Warrant	NL0012156178	SDJES66.01C 0327G	EUR	8,7600	9,1500	8,7600			9,1500					
Warrant	NL0012156160	SDJES66.06C 0227G	EUR	8,6400	9,0200	8,6400			9,0200					
Warrant	NL0012703110	SDJES67.32C 0328G	EUR	8,6600	9,0300	8,6600			9,0300					
Warrant	NL0012818454	SDJES67.35C 1028G	EUR	9,2300	9,6100	9,2300	4480,6900	3	9,6100	478				
Warrant	NL0012156186	SDJES67.56C 0327G	EUR	8,0600	8,4200	8,0600			8,4200					
Warrant	NL0012156194	SDJES68.14C 0327G	EUR	7,7400	8,0800	7,7400			8,0800					
Warrant	NL0012235824	SDJES68.14C 0427G	EUR	7,7400	8,0700	7,7400			8,0700					
Warrant	NL0012235808	SDJES68.63C 0327G	EUR	7,6800	8,0200	7,6800			8,0200					
Warrant	NL0012235790	SDJES68.63C 0327G	EUR	7,6300	7,6300	7,6300			7,6300					
Warrant	NL0012703086	SDJES68.91C 0328G	EUR	7,5800	7,9000	7,5800			7,9000					
Warrant	NL0012235816	SDJES69.59C 0427G	EUR	7,2000	7,5200	7,2000			7,5200					
Warrant	NL0012703102	SDJES69.69C 0328G	EUR	7,5100	7,8300	7,5100			7,8300					
Warrant	NL0012703060	SDJES69.87C 0228G	EUR	7,0000	7,3000	7,0000			7,3000					
Warrant	NL0012818421	SDJES69.95C 0928G	EUR	8,6800	9,0400	8,6800			9,0400					



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
Warrant	NL0012703128	SDJE570.35C 0428G	EUR	7,6900	8,0200	7,6900			8,0200					
Warrant	NL0012703136	SDJE570.85C 0428G	EUR	7,6000	7,9300	7,6000			7,9300					
Warrant	NL0012818397	SDJE570.87C 0728G	EUR	8,0000	8,3400	8,0000			8,3400					
Warrant	NL0012818389	SDJE570.88C 0628G	EUR	7,9600	8,3000	7,9600			8,3000					
Warrant	NL0012294359	SDJE571.03C 0727G	EUR	6,9400	7,2400	6,9400			7,2400					
Warrant	NL0012703052	SDJE571.32C 0228G	EUR	6,6700	6,9500	6,6700			6,9500					
Warrant	NL0012294383	SDJE571.34C 0927G	EUR	7,0700	7,3800	7,0700			7,3800					
Warrant	NL0012818413	SDJE571.49C 0928G	EUR	8,1200	8,4600	8,1200			8,4600					
Warrant	NL0012294367	SDJE571.67C 0727G	EUR	6,6500	6,9400	6,6500			6,9400					
Warrant	NL0012818439	SDJE571.81C 0928G	EUR	7,8900	8,2200	7,8900			8,2200					
Warrant	NL0012294276	SDJE571.88C 0527G	EUR	6,4600	6,7400	6,4600			6,7400					
Warrant	NL0012294334	SDJE572.18C 0627G	EUR	6,6000	6,8000	6,6000			6,8000					
Warrant	NL0012294391	SDJE572.29C 0927G	EUR	6,7800	7,0600	6,7800			7,0600					
Warrant	NL0012294326	SDJE572.33C 0627G	EUR	6,5200	6,8100	6,5200			6,8100					
Warrant	NL0012818306	SDJE572.39C 0428G	EUR	7,0900	7,3800	7,0900			7,3800					
Warrant	NL0012294300	SDJE572.53C 0527G	EUR	6,3300	6,6100	6,3300			6,6100					
Warrant	NL0012294342	SDJE572.53C 0627G	EUR	6,5600	6,8400	6,5600			6,8400					
Warrant	NL0012818405	SDJE572.54C 0728G	EUR	7,5100	7,8200	7,5100			7,8200					
Warrant	NL0012294318	SDJE572.63C 0527G	EUR	6,3700	6,6500	6,3700			6,6500					
Warrant	NL0012818363	SDJE572.81C 0628G	EUR	7,1900	7,4900	7,1900			7,4900					
Warrant	NL0012375273	SDJE572.81C 1127G	EUR	6,6200	6,9000	6,6200			6,9000					
Warrant	NL0012818355	SDJE572.84C 0528G	EUR	7,2600	7,5600	7,2600			7,5600					
Warrant	NL0012375281	SDJE573.14C 1227G	EUR	6,5800	6,8700	6,5800			6,8700					
Warrant	NL0012818371	SDJE573.17C 0628G	EUR	7,0900	7,3900	7,0900			7,3900					
Warrant	NL0012294284	SDJE573.41C 0527G	EUR	6,0000	6,2700	6,0000	38454,0000	1	6,2700	6409				
Warrant	NL0012818314	SDJE573.52C 0428G	EUR	6,8700	7,1600	6,8700			7,1600					
Warrant	NL0012294292	SDJE573.64C 0527G	EUR	5,9700	6,2400	5,9700			6,2400					
Warrant	NL0012375240	SDJE573.76C 1027G	EUR	6,3600	6,6400	6,3600			6,6400					
Warrant	NL0012703037	SDJE573.99C 0128G	EUR	6,2300	6,4800	6,2300			6,4800					
Warrant	NL0012818322	SDJE574.01C 0528G	EUR	6,7800	7,0700	6,7800	353,0000	1	7,0700	50				
Warrant	NL0012818330	SDJE574.21C 0528G	EUR	6,6500	6,9400	6,6500	30018,4800	1	6,9400	4408				
Warrant	NL0012818348	SDJE574.96C 0528G	EUR	6,4900	6,7700	6,4900			6,7700					
Warrant	NL0012375265	SDJE575.28C 1127G	EUR	6,0800	6,3500	6,0800			6,3500					
Warrant	XS1264751105	SEFRE STN0923G	EUR	98,8100	98,8100	98,7700			98,7700					
Warrant	NL0011492822	SHELL 13SPLOPENG	EUR	15,0100	15,2100	15,0100			15,2100					
Warrant	NL0011856182	SHELL 19SPLOPENG	EUR	9,4100	9,6100	9,4100			9,6100					
Warrant	DE000CV896L0	SHELL 27C 1218Z	EUR	0,9650	0,9650	0,9600			0,9600					
Warrant	DE000CV8AMZ5	SHELL 30C 0319Z	EUR	0,0620	0,0630	0,0620			0,0630					
Warrant	DE000CV896M8	SHELL 30C 1218Z	EUR	0,1400	0,1450	0,1400			0,1450					
Warrant	NL0006420960	SHELL 0.8SPLOPENG	EUR	26,3100	26,5100	26,3100			26,5100					
Warrant	NL0006427700	SHELL 2.5SPLOPENG	EUR	24,7200	24,9200	24,7200			24,9200					
Warrant	NL0009107051	SHELL 4.1SPLOPENG	EUR	23,2800	23,4800	23,2800			23,4800					
Warrant	NL0009111111	SHELL 5.2SPLOPENG	EUR	22,2700	22,4700	22,2700			22,4700					
Warrant	NL0009111988	SHELL 6.3SPLOPENG	EUR	21,2400	21,4400	21,2400			21,4400					
Warrant	NL0009230697	SHELL 7.4SPLOPENG	EUR	20,2400	20,4400	20,2400			20,4400					
Warrant	NL0009234319	SHELL 8.6SPLOPENG	EUR	19,0600	19,2600	19,0600			19,2600					
Warrant	NL0009368901	SHELL 10.4SPLOPENG	EUR	17,3600	17,5600	17,3600			17,5600					
Warrant	NL0009763879	SHELL 12.1SPLOPENG	EUR	15,7900	15,9900	15,7900			15,9900					
Warrant	NL0011618848	SHELL 13.9SPLOPENG	EUR	14,1700	14,3700	14,1700			14,3700					
Warrant	NL0011618723	SHELL 14.8SPLOPENG	EUR	12,3300	12,5300	12,3300			12,5300					
Warrant	NL0011619739	SHELL 14.9SPLOPENG	EUR	13,2800	13,4800	13,2800			13,4800					
Warrant	NL0011622386	SHELL 15.8SPLOPENG	EUR	12,3700	12,5700	12,3700			12,5700					
Warrant	NL0011622659	SHELL 16.8SPLOPENG	EUR	10,3500	10,5500	10,3500			10,5500					
Warrant	NL0011627823	SHELL 16.9SPLOPENG	EUR	11,4000	11,6000	11,4000			11,6000					
Warrant	NL0011628532	SHELL 17.9SPLOPENG	EUR	10,4200	10,6200	10,4200			10,6200					
Warrant	NL0011860762	SHELL 20.1SPLOPENG	EUR	8,3500	8,5500	8,3500			8,5500					
Warrant	NL0011861885	SHELL 21.2SPLOPENG	EUR	5,9300	6,1300	5,9300			6,1300					
Warrant	NL0012076228	SHELL 21.3SPLOPENG	EUR	7,3200	7,5200	7,3200			7,5200					
Warrant	NL0011853791	SHELL 21.9SPLOPENG	EUR											
Warrant	NL0012081368	SHELL 22.4SPLOPENG	EUR	6,2500	6,4500	6,2500			6,4500					
Warrant	NL0011859392	SHELL 22.6SPLOPENG	EUR											
Warrant	NL0012473128	SHELL 23.6SPLOPENG	EUR	5,1400	5,3400	5,1400			5,3400					
Warrant	NL0012478960	SHELL 24.8SPLOPENG	EUR	4,0000	4,2000	4,0000			4,2000					
Warrant	NL0012479554	SHELL 26.1SPLOPENG	EUR	2,8000	3,0000	2,8000			3,0000					
Warrant	NL0012827943	SHELL 27.4SPLOPENG	EUR											
Warrant	NL0012831168	SHELL 27.4SPLOPENG	EUR											
Warrant	NL0012481345	SHELL 27.4SPLOPENG	EUR											
Warrant	NL0012829113	SHELL 28.3SPLOPENG	EUR											
Warrant	NL0012831150	SHELL 28.8SPLOPENG	EUR											
Warrant	NL0012829386	SHELL 29.3SPLOPENG	EUR											
Warrant	NL0012478978	SHELL 31.5SPLOPENG	EUR	7,0300	7,0300	6,8300			6,8300					
Warrant	NL0012827950	SHELL 33.7SPLOPENG	EUR	9,4200	9,4200	9,2100			9,2100					



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
Warrant	NL0011492483	SHELL 9.75SPLOPENG	EUR	17,3700	17,5700	17,3700			17,5700					
Warrant	NL0011371372	SHELL12.12SPLOPENG	EUR	15,0100	15,2100	15,0100			15,2100					
Warrant	NL0011617204	SHELL13.87SPLOPENG	EUR	13,2600	13,4600	13,2600			13,4600					
Warrant	NL0011619994	SHELL15.79SPLOPENG	EUR	11,3400	11,5400	11,3400			11,5400					
Warrant	NL0011628334	SHELL17.87SPLOPENG	EUR	9,2900	9,4900	9,2900			9,4900					
Warrant	NL0011856075	SHELL18.95SPLOPENG	EUR	8,2100	8,4100	8,2100			8,4100					
Warrant	NL0011861653	SHELL19.43SPLOPENG	EUR	7,7200	7,9200	7,7200			7,9200					
Warrant	NL0011859715	SHELL20.04SPLOPENG	EUR	7,1000	7,3000	7,1000			7,3000					
Warrant	NL0011620760	SHELL20.15SPLOPENG	EUR											
Warrant	NL0012080600	SHELL21.77SPLOPENG	EUR	5,3800	5,5800	5,3800			5,5800					
Warrant	NL0012461909	SHELL22.95SPLOPENG	EUR	4,2000	4,4000	4,2000			4,4000					
Warrant	NL0012475206	SHELL23.42SPLOPENG	EUR	3,7400	3,9400	3,7400			3,9400					
Warrant	NL0012472096	SHELL24.16SPLOPENG	EUR	2,9000	3,1000	2,9000			3,1000					
Warrant	NL0012067516	SHELL25.39SPLOPENG	EUR											
Warrant	NL0012478812	SHELL25.43SPLOPENG	EUR	1,7300	1,9300	1,7300	256,0400	1	1,9300	148				
Warrant	NL0012480347	SHELL26.75SPLOPENG	EUR	0,4000	0,7400	0,3900	18617,1200	23	0,6000	32514				
Warrant	NL0012819346	SHELL27.35SPLOPENG	EUR											
Warrant	NL0012830822	SHELL28.09SPLOPENG	EUR											
Warrant	NL0012819338	SHELL28.49SPLOPENG	EUR											
Warrant	NL0012820567	SHELL30.38SPLOPENG	EUR	3,4600	3,4600	3,2600	4387,5000	2	3,2600	1300				
Warrant	NL0012469407	SHELL32.71SPLOPENG	EUR	5,8000	5,8000	5,6000			5,6000					
Warrant	NL0012819296	SHELL35.03SPLOPENG	EUR	8,1100	8,1100	7,9100			7,9100					
Warrant	NL0012827018	SILVE 14SPLOPENG	EUR											
Warrant	NL0012829626	SILVE 14SPLOPENG	EUR	1,2400	1,2400	1,1300			1,1300					
Warrant	NL0012827190	SILVE 5.1SPLOPENG	EUR	8,7400	8,7400	8,6600			8,6600					
Warrant	NL0012827182	SILVE 6.1SPLOPENG	EUR	7,9000	7,9000	7,8200			7,8200					
Warrant	NL0012827174	SILVE 7.1SPLOPENG	EUR	7,0600	7,0600	6,9800			6,9800					
Warrant	NL0012827166	SILVE 8.1SPLOPENG	EUR	6,2200	6,2200	6,1300			6,1300					
Warrant	NL0012827158	SILVE 9.1SPLOPENG	EUR	5,3700	5,3700	5,2800			5,2800					
Warrant	NL0006408593	SILVE 9.9SPLOPENG	EUR	4,6700	4,6700	4,5800			4,5800					
Warrant	NL0012827141	SILVE 10.1SPLOPENG	EUR	4,5300	4,5300	4,4400			4,4400					
Warrant	NL0006408601	SILVE 10.5SPLOPENG	EUR	4,1500	4,1500	4,0600			4,0600					
Warrant	NL0012827133	SILVE 11.1SPLOPENG	EUR	3,6900	3,6900	3,6000			3,6000					
Warrant	NL0012827125	SILVE 12.1SPLOPENG	EUR	2,8600	2,8600	2,7600			2,7600					
Warrant	NL0006423808	SILVE 12.3SPLOPENG	EUR	2,6600	2,6600	2,5600			2,5600					
Warrant	NL0012827117	SILVE 13.1SPLOPENG	EUR	2,0100	2,0100	1,9100			1,9100					
Warrant	NL0011618384	SILVE 13.5SPLOPENG	EUR	1,7100	1,7100	1,6000			1,6000					
Warrant	NL0006425597	SILVE 13.6SPLOPENG	EUR	1,5500	1,5500	1,4500			1,4500					
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	NL0012832026	SILVE 14.8SPLOPENG	EUR											
Warrant	NL0012829634	SILVE 14.8SPLOPENG	EUR											
Warrant	NL0012825152	SILVE 15.2SPLOPENG	EUR											
Warrant	NL0012828073	SILVE 15.3SPLOPENG	EUR	0,5800	0,6900	0,5800			0,6900					
Warrant	NL0012827869	SILVE 15.6SPLOPENG	EUR	1,5500	1,6600	1,5500			1,6600					
Warrant	NL0012063085	SILVE 16.4SPLOPENG	EUR											
Warrant	NL0012825160	SILVE 16.4SPLOPENG	EUR	2,3100	2,4300	2,3100			2,4300					
Warrant	NL0012823173	SILVE 17.3SPLOPENG	EUR	3,1200	3,2400	3,1200			3,2400					
Warrant	NL0011859095	SILVE 17.7SPLOPENG	EUR											
Warrant	NL0012070627	SILVE 18.25SPLOPENG	EUR	3,9600	4,0900	3,9600			4,0900					
Warrant	NL0011856406	SILVE 19.25SPLOPENG	EUR	4,8500	4,9800	4,8500			4,9800					
Warrant	NL0011851829	SILVE 19.8SPLOPENG	EUR											
Warrant	NL0011852595	SILVE 20.25SPLOPENG	EUR	5,7900	5,9300	5,7900			5,9300					
Warrant	NL0011846118	SILVE 21.3SPLOPENG	EUR	6,7800	6,9100	6,7800			6,9100					
Warrant	NL0010358487	SILVE 23.6SPLOPENG	EUR	8,9200	9,0600	8,9200			9,0600					
Warrant	NL0011848627	SILVE 24.8SPLOPENG	EUR	10,0000	10,1500	10,0000			10,1500					
Warrant	NL0012827067	SILVE10.08SPLOPENG	EUR	4,1800	4,1800	4,0800			4,0800					
Warrant	NL0012827059	SILVE11.08SPLOPENG	EUR	3,2900	3,2900	3,2000			3,2000					
Warrant	NL0012827042	SILVE12.09SPLOPENG	EUR	2,4000	2,4000	2,3000			2,3000					
Warrant	NL0011485875	SILVE13.22SPLOPENG	EUR	1,3900	1,3900	1,2900	1287,0000	2	1,2900	950				
Warrant	NL0011481973	SILVE13.56SPLOPENG	EUR	1,0900	1,0900	0,9700	3094,0200	7	0,9800	3056				
Warrant	NL0011365903	SILVE13.91SPLOPENG	EUR	0,7600	0,7700	0,6500	805,0000	2	0,6500	1100				
Warrant	NL0011305065	SILVE14.19SPLOPENG	EUR											
Warrant	NL0012830996	SILVE14.25SPLOPENG	EUR	0,4500	0,4800	0,3300	4962,0000	5	0,3400	11300				
Warrant	NL0011299003	SILVE14.52SPLOPENG	EUR											
Warrant	NL0012827687	SILVE14.52SPLOPENG	EUR											
Warrant	NL0012830004	SILVE14.54SPLOPENG	EUR											
Warrant	NL0011486774	SILVE14.88SPLOPENG	EUR											
Warrant	NL0012828065	SILVE14.92SPLOPENG	EUR											
Warrant	NL0012828784	SILVE14.92SPLOPENG	EUR	0,2500	0,3600	0,2500	160,0000	1	0,3600	500				



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012825905	SILVE15.69SPSOPENG	EUR	0,9700	1,0800	0,9700			1,0800					
Warrant	NL0012824643	SILVE16.09SPSOPENG	EUR	1,3200	1,4300	1,3200	290,4000	1	1,4300	220				
Warrant	NL0012063648	SILVE16.48SPLOPENG	EUR											
Warrant	NL0012822902	SILVE16.51SPSOPENG	EUR	1,6400	1,7600	1,6400			1,7600					
Warrant	NL0012822068	SILVE16.93SPSOPENG	EUR	2,0100	2,1300	2,0100			2,1300					
Warrant	NL0011843297	SILVE17.32SPLOPENG	EUR											
Warrant	NL0012472609	SILVE17.36SPSOPENG	EUR	2,3900	2,5100	2,3900			2,5100					
Warrant	NL0011858451	SILVE17.51SPLOPENG	EUR											
Warrant	NL0012081202	SILVE17.81SPSOPENG	EUR	2,7800	2,9000	2,7800			2,9000					
Warrant	NL0011858881	SILVE17.95SPLOPENG	EUR											
Warrant	NL0012070452	SILVE18.27SPSOPENG	EUR	3,2200	3,3400	3,2200			3,3400					
Warrant	NL0011860275	SILVE18.74SPSOPENG	EUR	3,5900	3,7200	3,5900			3,7200					
Warrant	NL0011856489	SILVE19.22SPSOPENG	EUR	4,0600	4,1900	4,0600			4,1900					
Warrant	NL0011853874	SILVE19.24SPLOPENG	EUR											
Warrant	NL0011855598	SILVE19.71SPSOPENG	EUR	4,4600	4,5800	4,4600			4,5800					
Warrant	NL0011851308	SILVE20.21SPSOPENG	EUR	4,8900	5,0200	4,8900			5,0200					
Warrant	NL0011846647	SILVE20.73SPSOPENG	EUR	5,3800	5,5100	5,3800			5,5100					
Warrant	NL0010587226	SILVE21.26SPSOPENG	EUR	5,8100	5,9400	5,8100			5,9400					
Warrant	NL0010534822	SILVE23.29SPSOPENG	EUR	7,5800	7,7200	7,5800			7,7200					
Warrant	NL0010358719	SILVE25.13SPSOPENG	EUR	9,2000	9,3400	9,2000			9,3400					
Warrant	NL0011848742	SILVE25.76SPSOPENG	EUR	9,7900	9,9300	9,7900			9,9300					
Warrant	NL0012827109	SILVE6.046SPLOPENG	EUR	7,7100	7,7100	7,6300			7,6300					
Warrant	NL0012827091	SILVE7.054SPLOPENG	EUR	6,8700	6,8700	6,7800			6,7800					
Warrant	NL0012827083	SILVE8.061SPLOPENG	EUR	5,9400	5,9400	5,8600			5,8600					
Warrant	NL0012827075	SILVE9.069SPLOPENG	EUR	5,0600	5,0600	4,9700			4,9700					
Warrant	NL0012475511	SKYBL 1072SPLOPENG	EUR											
Warrant	NL0010344651	SNSRE 1SPSOPENG	EUR											
Warrant	NL0009757996	SNSRE 4SPSOPENG	EUR											
Warrant	NL0010345914	SNSRE 0.6SPLOPENG	EUR											
Warrant	NL0010345922	SNSRE 0.7SPLOPENG	EUR											
Warrant	NL0010343612	SNSRE 1.1SPSOPENG	EUR											
Warrant	NL0010210571	SNSRE 1.2SPSOPENG	EUR											
Warrant	NL0010096483	SNSRE 1.4SPSOPENG	EUR											
Warrant	NL0010095493	SNSRE 1.5SPSOPENG	EUR											
Warrant	NL0010091419	SNSRE 1.7SPSOPENG	EUR											
Warrant	NL0010090320	SNSRE 1.9SPSOPENG	EUR											
Warrant	NL0009878271	SNSRE 2.3SPSOPENG	EUR											
Warrant	NL0009234814	SNSRE 5.2SPSOPENG	EUR											
Warrant	NL0011618889	SOGEN 18.8SPLOPENG	EUR	15,5100	15,9000	15,5100			15,9000					
Warrant	NL0010959813	SOGEN 21.2SPLOPENG	EUR	13,2900	13,6800	13,2900			13,6800					
Warrant	NL0011212576	SOGEN 51.8SPSOPENG	EUR											
Warrant	NL0009112507	SOLVA 41SPLOPENG	EUR	58,7100	61,1100	58,7100			61,1100					
Warrant	NL0010201976	SOLVA 63.1SPLOPENG	EUR	38,1900	40,5900	38,1900			40,5900					
Warrant	NL0011621586	SOLVA 69.5SPLOPENG	EUR	32,2400	34,6400	32,2400			34,6400					
Warrant	NL0011851001	SOLVA 83.7SPLOPENG	EUR	18,9800	21,3800	18,9800			21,3800					
Warrant	NL0011855333	SOLVA 91.8SPLOPENG	EUR	11,4300	13,8300	11,4300			13,8300					
Warrant	NL0012064646	SOLVA100.5SPLOPENG	EUR											
Warrant	NL0011199286	SOLVA122.5SPSOPENG	EUR											
Warrant	NL0006427619	SP500 288SPLOPENG	EUR	20,9200	21,2500	20,9200			21,2500					
Warrant	NL0009882281	SP500 1052SPLOPENG	EUR	14,4300	14,7300	14,4300			14,7300					
Warrant	NL0009906999	SP500 1227SPLOPENG	EUR	12,9400	13,2300	12,9400			13,2300					
Warrant	NL0010203741	SP500 1297SPLOPENG	EUR	12,3400	12,6300	12,3400			12,6300					
Warrant	NL0010354338	SP500 1426SPLOPENG	EUR	10,9200	11,2100	10,9200			11,2100					
Warrant	NL0010352084	SP500 1455SPLOPENG	EUR	10,9900	11,2800	10,9900			11,2800					
Warrant	NL0010354296	SP500 1530SPLOPENG	EUR	10,0000	10,2800	10,0000			10,2800					
Warrant	NL0010362919	SP500 1539SPLOPENG	EUR	10,2900	10,5700	10,2900			10,5700					
Warrant	NL0010466140	SP500 1583SPLOPENG	EUR	9,5400	9,8200	9,5400			9,8200					
Warrant	NL0010527669	SP500 1628SPLOPENG	EUR	9,5400	9,8200	9,5400			9,8200					
Warrant	NL0010543898	SP500 1675SPLOPENG	EUR	8,7400	9,0200	8,7400			9,0200					
Warrant	NL0010545067	SP500 1713SPLOPENG	EUR	8,4100	8,6900	8,4100			8,6900					
Warrant	NL0010584215	SP500 1741SPLOPENG	EUR	8,5800	8,8500	8,5800			8,8500					
Warrant	NL0010585436	SP500 1751SPLOPENG	EUR	8,0700	8,3500	8,0700			8,3500					
Warrant	NL0010679551	SP500 1790SPLOPENG	EUR	7,7300	8,0000	7,7300			8,0000					
Warrant	NL0010679353	SP500 1799SPLOPENG	EUR	8,0800	8,3500	8,0800			8,3500					
Warrant	NL0010681037	SP500 1830SPLOPENG	EUR	7,3800	7,6500	7,3800			7,6500					
Warrant	NL0011492525	SP500 1838SPLOPENG	EUR	7,7500	8,0200	7,7500			8,0200					
Warrant	NL0011492541	SP500 1844SPLOPENG	EUR	7,2600	7,5300	7,2600			7,5300					
Warrant	NL0011620455	SP500 1872SPLOPENG	EUR	7,0300	7,3000	7,0300			7,3000					
Warrant	NL0011621271	SP500 1877SPLOPENG	EUR	7,4100	7,6800	7,4100			7,6800					
Warrant	NL0011620646	SP500 1900SPLOPENG	EUR	6,7800	7,0500	6,7800			7,0500					
Warrant	NL0011621917	SP500 1914SPLOPENG	EUR	6,6600	6,9200	6,6600			6,9200					
Warrant	NL0011621693	SP500 1917SPLOPENG	EUR	7,0700	7,3400	7,0700			7,3400					



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
Warrant	NL0011622600	SP500 1928SPLOPENG	EUR	6,5300	6,8000	6,5300			6,8000					
Warrant	NL0011618608	SP500 1939SPSOPENG	EUR											
Warrant	NL0011623756	SP500 1957SPLOPENG	EUR	6,2800	6,5400	6,2800			6,5400					
Warrant	NL0011624424	SP500 1958SPLOPENG	EUR	6,7200	6,9900	6,7200			6,9900					
Warrant	NL0011624150	SP500 1972SPLOPENG	EUR	6,1500	6,4200	6,1500			6,4200					
Warrant	NL0011625215	SP500 1986SPLOPENG	EUR	6,0200	6,2900	6,0200			6,2900					
Warrant	NL0011625843	SP500 2001SPLOPENG	EUR	5,8900	6,1600	5,8900			6,1600					
Warrant	NL0011625892	SP500 2010SPLOPENG	EUR	6,2700	6,5400	6,2700			6,5400					
Warrant	NL0011626270	SP500 2016SPLOPENG	EUR	5,7600	6,0300	5,7600			6,0300					
Warrant	NL0011626858	SP500 2031SPLOPENG	EUR	5,6300	5,9000	5,6300			5,9000					
Warrant	NL0011845706	SP500 2046SPLOPENG	EUR	5,5000	5,7600	5,5000			5,7600					
Warrant	NL0011845987	SP500 2063SPLOPENG	EUR	5,8300	6,0900	5,8300			6,0900					
Warrant	NL0011846068	SP500 2076SPLOPENG	EUR	5,2400	5,5000	5,2400			5,5000					
Warrant	NL0011847835	SP500 2107SPLOPENG	EUR	4,9700	5,2300	4,9700			5,2300					
Warrant	NL0011848155	SP500 2117SPLOPENG	EUR	5,3700	5,6300	5,3700			5,6300					
Warrant	NL0011848288	SP500 2122SPLOPENG	EUR	4,8300	5,0900	4,8300			5,0900					
Warrant	NL0011859970	SP500 2138SPLOPENG	EUR	4,7000	4,9600	4,7000			4,9600					
Warrant	NL0011860820	SP500 2153SPLOPENG	EUR	4,5600	4,8200	4,5600			4,8200					
Warrant	NL0011861075	SP500 2169SPLOPENG	EUR	4,4200	4,6800	4,4200			4,6800					
Warrant	NL0011861356	SP500 2172SPLOPENG	EUR	4,9000	5,1600	4,9000			5,1600					
Warrant	NL0011861091	SP500 2185SPLOPENG	EUR	4,2800	4,5400	4,2800			4,5400					
Warrant	NL0011861497	SP500 2201SPLOPENG	EUR	4,1400	4,4000	4,1400			4,4000					
Warrant	NL0011862818	SP500 2216SPLOPENG	EUR	4,0100	4,2600	4,0100			4,2600					
Warrant	NL0011862503	SP500 2229SPLOPENG	EUR	4,4100	4,6700	4,4100			4,6700					
Warrant	NL0012061543	SP500 2232SPLOPENG	EUR	3,8700	4,1200	3,8700			4,1200					
Warrant	NL0012063507	SP500 2249SPLOPENG	EUR	3,7200	3,9800	3,7200			3,9800					
Warrant	NL0012063945	SP500 2265SPLOPENG	EUR	3,5800	3,8400	3,5800			3,8400					
Warrant	NL0012065668	SP500 2281SPLOPENG	EUR	3,4400	3,6900	3,4400			3,6900					
Warrant	NL0012062434	SP500 2287SPLOPENG	EUR	3,9200	4,1800	3,9200			4,1800					
Warrant	NL0012066112	SP500 2315SPLOPENG	EUR	3,1500	3,4000	3,1500			3,4000					
Warrant	NL0012066153	SP500 2331SPLOPENG	EUR	3,0000	3,2500	3,0000			3,2500					
Warrant	NL0012066518	SP500 2346SPLOPENG	EUR	3,4100	3,6700	3,4100			3,6700					
Warrant	NL0012066377	SP500 2348SPLOPENG	EUR	2,8500	3,1000	2,8500			3,1000					
Warrant	NL0012068365	SP500 2365SPLOPENG	EUR	2,7000	2,9500	2,7000			2,9500					
Warrant	NL0012073076	SP500 2382SPLOPENG	EUR	2,5500	2,8000	2,5500			2,8000					
Warrant	NL0012073753	SP500 2399SPLOPENG	EUR	2,4000	2,6500	2,4000			2,6500					
Warrant	NL0012077705	SP500 2406SPLOPENG	EUR	2,9000	3,1600	2,9000			3,1600					
Warrant	NL0012076087	SP500 2416SPLOPENG	EUR	2,2600	2,5100	2,2600			2,5100					
Warrant	NL0012076590	SP500 2433SPLOPENG	EUR	2,1000	2,3500	2,1000			2,3500					
Warrant	NL0012077515	SP500 2451SPLOPENG	EUR	1,9500	2,2000	1,9500			2,2000					
Warrant	NL0012077739	SP500 2467SPLOPENG	EUR	2,3800	2,6300	2,3800			2,6300					
Warrant	NL0012080295	SP500 2468SPLOPENG	EUR	1,8000	2,0500	1,8000			2,0500					
Warrant	NL0012081194	SP500 2486SPLOPENG	EUR	1,6400	1,8900	1,6400			1,8900					
Warrant	NL0012462618	SP500 2504SPLOPENG	EUR	1,4900	1,7400	1,4900			1,7400					
Warrant	NL0012462600	SP500 2522SPLOPENG	EUR	1,3300	1,5800	1,3300			1,5800					
Warrant	NL0012462451	SP500 2530SPLOPENG	EUR	1,8400	2,0900	1,8400			2,0900					
Warrant	NL0012463707	SP500 2540SPLOPENG	EUR	1,1700	1,4200	1,1700			1,4200					
Warrant	NL0012465595	SP500 2558SPLOPENG	EUR	1,0200	1,2600	1,0200			1,2600					
Warrant	NL0012472906	SP500 2576SPLOPENG	EUR	0,8600	1,1000	0,8600			1,1000					
Warrant	NL0012478507	SP500 2594SPLOPENG	EUR	1,3000	1,5400	1,3000			1,5400					
Warrant	NL0012478713	SP500 2594SPLOPENG	EUR	0,7000	0,9400	0,7000			0,9400					
Warrant	NL0012478705	SP500 2612SPLOPENG	EUR	0,5400	0,7800	0,5400			0,7800					
Warrant	NL0012819262	SP500 2631SPLOPENG	EUR	0,3700	0,6200	0,3700			0,6200					
Warrant	NL0012819254	SP500 2649SPLOPENG	EUR	0,2100	0,4500	0,2100	590,0000	2	0,4500	2000				
Warrant	NL0012819924	SP500 2659SPLOPENG	EUR											
Warrant	NL0012819247	SP500 2668SPLOPENG	EUR											
Warrant	NL0012821318	SP500 2687SPLOPENG	EUR											
Warrant	NL0012821821	SP500 2706SPLOPENG	EUR											
Warrant	NL0012824205	SP500 2722SPLOPENG	EUR											
Warrant	NL0012823835	SP500 2726SPLOPENG	EUR											
Warrant	NL0012824619	SP500 2741SPLOPENG	EUR											
Warrant	NL0012825707	SP500 2760SPLOPENG	EUR											
Warrant	NL0012826754	SP500 2779SPLOPENG	EUR											
Warrant	NL0012825558	SP500 2794SPLOPENG	EUR											
Warrant	NL0012828297	SP500 2799SPLOPENG	EUR											
Warrant	NL0012828388	SP500 2818SPLOPENG	EUR											
Warrant	NL0012830699	SP500 2838SPLOPENG	EUR											
Warrant	NL0012832190	SP500 2854SPSOPENG	EUR	2,4400	2,4400	2,2100			2,2100					
Warrant	NL0012468805	SP500 2855SPSOPENG	EUR											
Warrant	NL0012828495	SP500 2864SPLOPENG	EUR											
Warrant	NL0012080881	SP500 2869SPSOPENG	EUR											
Warrant	NL0012468813	SP500 2871SPSOPENG	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	NL0012832539	SP500 2882SPSOPENG	EUR	1,9500	1,9500	1,7100			1,7100					
Warrant	NL0012469308	SP500 2890SPSOPENG	EUR											
Warrant	NL0012469316	SP500 2910SPSOPENG	EUR											
Warrant	NL0012832547	SP500 2923SPSOPENG	EUR	2,3000	2,3000	2,0700			2,0700					
Warrant	NL0012471080	SP500 2926SPSOPENG	EUR											
Warrant	NL0012832208	SP500 2927SPSOPENG	EUR	3,1000	3,1000	2,8700			2,8700					
Warrant	NL0012465496	SP500 2935SPSOPENG	EUR											
Warrant	NL0012471098	SP500 2943SPSOPENG	EUR	2,4700	2,4700	2,2300			2,2300					
Warrant	NL0012825715	SP500 2964SPSOPENG	EUR	2,6700	2,6700	2,4400			2,4400					
Warrant	NL0012826796	SP500 2985SPSOPENG	EUR	2,8500	2,8500	2,6200	550,0000	1	2,6200	200				
Warrant	NL0012832216	SP500 3002SPSOPENG	EUR	3,7800	3,7800	3,5500			3,5500					
Warrant	NL0012828115	SP500 3006SPSOPENG	EUR	3,0300	3,0300	2,8000			2,8000					
Warrant	NL0012829048	SP500 3048SPSOPENG	EUR	3,4100	3,4100	3,1800			3,1800					
Warrant	NL0012829741	SP500 3070SPSOPENG	EUR	3,5900	3,5900	3,3600			3,3600					
Warrant	NL0012466734	SP500 3081SPSOPENG	EUR	4,4700	4,4700	4,2500			4,2500					
Warrant	NL0012830707	SP500 3091SPSOPENG	EUR	3,7800	3,7800	3,5500			3,5500					
Warrant	NL0012467252	SP500 3159SPSOPENG	EUR	5,1800	5,1800	4,9600			4,9600					
Warrant	NL0012469829	SP500 3239SPSOPENG	EUR	5,9000	5,9000	5,6900			5,6900					
Warrant	NL0012474977	SP500 3321SPSOPENG	EUR	6,6400	6,6400	6,4300	2714,0000	2	6,4300	420				
Warrant	NL0006421695	SPBRI 7705PLOPENG	EUR	19,5400	20,0000	19,5400			20,0000					
Warrant	NL0009107838	SPBRI 1360SPLOPENG	EUR	13,8800	14,3500	13,8800			14,3500					
Warrant	NL0009111145	SPBRI 1590SPLOPENG	EUR	11,7100	12,1700	11,7100			12,1700					
Warrant	NL0010463147	SVT 1047SPLOPENG	EUR	10,4200	10,4200	10,3000			10,3000					
Warrant	NL0010459319	SVT 1286SPLOPENG	EUR	7,9300	7,9300	7,8200			7,8200					
Warrant	NL0010592929	TBOND 1205PLOPENG	EUR	20,5400	20,5400	20,3700			20,3700					
Warrant	NL0010541389	TBOND 1225PLOPENG	EUR	18,3400	18,3400	18,1700			18,1700					
Warrant	NL0010535290	TBOND 1255PLOPENG	EUR	16,0600	16,0600	15,8700			15,8700					
Warrant	NL0009878602	TBOND 1325PLOPENG	EUR	10,0800	10,0800	9,8700			9,8700					
Warrant	NL0010599999	TBOND 1355PLOPENG	EUR	7,7100	7,7100	7,4900			7,4900					
Warrant	NL0012829725	TBOND 1395PLOPENG	EUR											
Warrant	NL0012827901	TBOND 1435PLOPENG	EUR											
Warrant	NL0012830160	TBOND 1445PSPENG	EUR	8,8200	9,1000	8,8200			9,1000					
Warrant	NL0012079099	TBOND 1535PSPENG	EUR	17,0300	17,3400	17,0300			17,3400					
Warrant	NL0011850706	TBOND 1585PSPENG	EUR	21,4300	21,7600	21,4300			21,7600					
Warrant	NL0011845136	TBOND 1605PSPENG	EUR	23,1700	23,5100	23,1300	925,2000	1	23,5100	40				
Warrant	NL0010591152	TESLA 1095PLOPENG	EUR	18,3600	18,3600	18,3600			18,3600					
Warrant	NL0010590360	TESLA 1185PLOPENG	EUR	17,7100	17,7100	17,7100			17,7100					
Warrant	NL0010588653	TESLA 1265PLOPENG	EUR	16,9900	16,9900	16,9900			16,9900					
Warrant	NL0010591749	TESLA 1355PLOPENG	EUR	16,2900	16,2900	16,2900			16,2900					
Warrant	NL0010592549	TESLA 1455PLOPENG	EUR	15,5400	15,5400	15,5400			15,5400					
Warrant	DE000CJ3N955	TESLA 275C 0319Z	EUR	2,9750	2,9750	2,9750			2,9750					
Warrant	DE000CJ3N948	TESLA 275C 1218Z	EUR	2,2350	2,2350	2,2350			2,2350					
Warrant	DE000CV50678	TESLA 300C 0319Z	EUR	5,2400	5,2900	4,2700	1650,4000	4	4,6300	335				
Warrant	DE000CV8AKP0	TESLA 300C 1218Z	EUR	1,5350	1,5350	1,5350			1,5350					
Warrant	DE000CV8AKQ8	TESLA 320C 1218Z	EUR	1,0850	1,0850	1,0850			1,0850					
Warrant	DE000CV50650	TESLA 330C 0319Z	EUR	3,3500	3,3500	3,3500			3,3500					
Warrant	DE000CV8AM78	TESLA 370C 1218Z	EUR	0,4500	0,4500	0,3650	9000,0000	1	0,3650	20000				
Warrant	DE000CV8AM86	TESLA 380C 0319Z	EUR	0,8950	0,8950	0,8950			0,8950					
Warrant	DE000CV8ARM2	TESLA 420C 1218Z	EUR	0,1050	0,1050	0,1050			0,1050					
Warrant	DE000CV8ARN0	TESLA 430C 0319Z	EUR	0,4350	0,4350	0,4350			0,4350					
Warrant	NL0012828438	TN10 1075PLOPENG	EUR	13,4100	13,4100	13,2800			13,2800					
Warrant	NL0012828420	TN10 1095PLOPENG	EUR	11,5700	11,5700	11,4300			11,4300					
Warrant	NL0010468575	TN10 1115PLOPENG	EUR	9,6800	9,6800	9,5400			9,5400					
Warrant	NL0012831630	TN10 1165PLOPENG	EUR	5,8600	5,8600	5,7000			5,7000					
Warrant	NL0010468567	TN10 1185PLOPENG	EUR											
Warrant	NL0012465611	TN10 1235PSPENG	EUR	7,2300	7,4400	7,2300			7,4400					
Warrant	NL0011019666	TN10 1255PSPENG	EUR	9,5300	9,7400	9,5300			9,7400					
Warrant	NL0011629233	TN10 1285PSPENG	EUR	11,8700	12,0900	11,8700			12,0900					
Warrant	NL0011845128	TN10 1315PSPENG	EUR	14,2500	14,4900	14,2500			14,4900					
Warrant	NL0009902394	TOMTO 35PLOPENG	EUR	3,7400	3,7400	3,6300			3,6300					
Warrant	DE000CJ3PD23	TOMTO 7C 0319Z	EUR	0,6050	0,6050	0,6050			0,6050					
Warrant	DE000CJ3PJ50	TOMTO 7C 0619Z	EUR	0,8050	0,8050	0,8050			0,8050					
Warrant	DE000CJ3PAV4	TOMTO 8C 0319Z	EUR	0,3800	0,3800	0,3800			0,3800					
Warrant	DE000CV8AN10	TOMTO 9C 0319Z	EUR	0,2500	0,2500	0,2500			0,2500					
Warrant	DE000CV4ZFH3	TOMTO 9C 1218Z	EUR	0,0940	0,0940	0,0940			0,0940					
Warrant	DE000CV8AN28	TOMTO 10C 0319Z	EUR	0,1750	0,1750	0,1750			0,1750					
Warrant	DE000CV8AN02	TOMTO 10C 1218Z	EUR	0,0640	0,0640	0,0640			0,0640					
Warrant	DE000CV4ZFJ9	TOMTO 11C 1218Z	EUR	0,0450	0,0450	0,0450			0,0450					
Warrant	NL0006427726	TOMTO 0.9SPLOPENG	EUR	5,6200	5,6200	5,5200			5,5200					
Warrant	NL0006428906	TOMTO 1.8SPLOPENG	EUR	4,7600	4,7600	4,6600			4,6600					
Warrant	NL0009105394	TOMTO 2.6SPLOPENG	EUR	4,0100	4,0100	3,9100			3,9100					
Warrant	NL0010093076	TOMTO 3.2SPLOPENG	EUR	3,5400	3,5400	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
Warrant	NL0010458576	TOMTO 3.9SPLOPENG	EUR	2,9000	2,9000	2,8000			2,8000					
Warrant	NL0010466496	TOMTO 4.2SPLOPENG	EUR	2,6400	2,6400	2,5300			2,5300					
Warrant	NL0010528725	TOMTO 4.5SPLOPENG	EUR	2,3700	2,3700	2,2600			2,2600					
Warrant	NL0010681615	TOMTO 4.8SPLOPENG	EUR	2,0800	2,0800	1,9700	14950,0000	3	1,9700	7500				
Warrant	NL0010740163	TOMTO 5.1SPLOPENG	EUR	1,7700	1,7700	1,6700			1,6700					
Warrant	NL0010959748	TOMTO 5.5SPLOPENG	EUR	1,4600	1,4600	1,3500			1,3500					
Warrant	NL0010965406	TOMTO 5.8SPLOPENG	EUR											
Warrant	NL0012831192	TOMTO 5.8SPLOPENG	EUR	1,1100	1,1100	1,0100			1,0100					
Warrant	NL0011022330	TOMTO 6.3SPLOPENG	EUR											
Warrant	NL0012831184	TOMTO 6.3SPLOPENG	EUR											
Warrant	NL0012831176	TOMTO 6.7SPLOPENG	EUR											
Warrant	NL0011859400	TOMTO 6.7SPLOPENG	EUR											
Warrant	NL0012832331	TOMTO 6.7SPLOPENG	EUR											
Warrant	DE000CJ3PJ43	TOMTO 6.8C 1218Z	EUR	0,3750	0,3750	0,3750			0,3750					
Warrant	NL0012831572	TOMTO 7.2SPLOPENG	EUR											
Warrant	NL0012824486	TOMTO 7.2SPLOPENG	EUR											
Warrant	DE000CV896R7	TOMTO 7.5C 1218Z	EUR	0,2000	0,2000	0,2000			0,2000					
Warrant	NL0012824981	TOMTO 7.7SPLOPENG	EUR											
Warrant	NL0012824973	TOMTO 8.2SPLOPENG	EUR											
Warrant	NL0012831200	TOMTO 8.7SPSOPENG	EUR	3,3400	3,4300	3,3400			3,4300					
Warrant	NL0012066674	TOMTO 10.2SPSOPENG	EUR	5,0500	5,1400	5,0500			5,1400					
Warrant	NL0012469647	TOMTO 11.7SPSOPENG	EUR	6,7400	6,8400	6,7400			6,8400					
Warrant	NL0012830756	TOMTO 6.09SPLOPENG	EUR											
Warrant	NL0012824049	TOMTO 6.97SPLOPENG	EUR											
Warrant	DE000CV896Q9	TOMTO 8.25C 1218Z	EUR	0,1450	0,1450	0,1450			0,1450					
Warrant	NL0012825384	TOMTO 8.53SPLOPENG	EUR											
Warrant	NL0012830152	TOMTO4.928SPLOPENG	EUR	1,5500	1,5500	1,4500			1,4500					
Warrant	NL0012830079	TOMTO5.299SPLOPENG	EUR	1,1800	1,1800	1,0800	108,0000	1	1,0800	100				
Warrant	NL0012830061	TOMTO5.697SPLOPENG	EUR	0,7800	0,7800	0,6800	156,5600	2	0,6800	224				
Warrant	NL0011845227	TOMTO6.086SPLOPENG	EUR											
Warrant	NL0012830988	TOMTO6.096SPLOPENG	EUR											
Warrant	NL0012832844	TOMTO6.096SPLOPENG	EUR	0,3800	0,3800	0,2800			0,2800					
Warrant	NL0011849047	TOMTO6.513SPLOPENG	EUR											
Warrant	NL0012830970	TOMTO6.523SPLOPENG	EUR											
Warrant	NL0012833198	TOMTO6.524SPLOPENG	EUR											
Warrant	NL0012831382	TOMTO6.979SPLOPENG	EUR											
Warrant	NL0012824783	TOMTO7.458SPLOPENG	EUR											
Warrant	NL0012831374	TOMTO7.466SPLOPENG	EUR											
Warrant	NL0012825038	TOMTO7.982SPLOPENG	EUR											
Warrant	NL0012830087	TOMTO8.438SPSOPENG	EUR	2,2000	2,3000	2,2000			2,3000					
Warrant	NL0012062970	TOMTO9.928SPSOPENG	EUR	3,6900	3,7900	3,6900			3,7900					
Warrant	NL0010537304	TOTAL 28SPLOPENG	EUR	24,0200	25,3600	24,0200			25,3600					
Warrant	NL0010958088	TOTAL 25.5SPLOPENG	EUR	26,3300	27,6700	26,3300			27,6700					
Warrant	NL0011634365	TOTAL 34.4SPLOPENG	EUR	18,1100	19,4500	18,1100			19,4500					
Warrant	NL0012075998	TOTAL 37.7SPLOPENG	EUR	14,9900	16,3300	14,9900			16,3300					
Warrant	NL0012473185	TOTAL 41.3SPLOPENG	EUR	11,6800	13,0200	11,6800			13,0200					
Warrant	NL0012479042	TOTAL 45.1SPLOPENG	EUR	8,1300	9,4700	8,1300			9,4700					
Warrant	NL0012824130	TOTAL 49.2SPLOPENG	EUR	4,3100	5,6500	4,3100			5,6500					
Warrant	NL0012829451	UCB S 62SPLOPENG	EUR	12,7200	13,1800	12,7200			13,1800					
Warrant	NL0012829436	UCB S 71SPLOPENG	EUR											
Warrant	NL0010530317	UCB S 40.6SPLOPENG	EUR	32,6300	33,0900	32,6300			33,0900					
Warrant	NL0010585709	UCB S 44.7SPLOPENG	EUR	28,7800	29,2400	28,7800			29,2400					
Warrant	NL0010595302	UCB S 49.2SPLOPENG	EUR	24,6000	25,0600	24,6000			25,0600					
Warrant	NL0010694873	UCB S 54.1SPLOPENG	EUR	20,0300	20,4900	20,0300			20,4900					
Warrant	NL0012829469	UCB S 57.9SPLOPENG	EUR	16,5000	16,9600	16,5000			16,9600					
Warrant	NL0012829444	UCB S 66.3SPLOPENG	EUR	8,6900	9,1500	8,6900			9,1500					
Warrant	NL0012829428	UCB S 75.9SPLOPENG	EUR											
Warrant	NL0011627492	UMICO 18SPLOPENG	EUR	47,4600	47,4600	47,4600			47,4600					
Warrant	DE000CJ3PJ84	UMICO 40C 0619Z	EUR	0,7700	0,9000	0,7700			0,9000					
Warrant	NL0012481410	UMICO 40SPLOPENG	EUR											
Warrant	DE000CJ3N9L1	UMICO 45C 0319Z	EUR	0,3400	0,4050	0,3400			0,4050					
Warrant	DE000CV896S5	UMICO 45C 1218Z	EUR	0,1700	0,2150	0,1700			0,2150					
Warrant	DE000CV8A5S7	UMICO 50C 0319Z	EUR	0,1950	0,2350	0,1950			0,2350					
Warrant	DE000CV896T3	UMICO 50C 1218Z	EUR	0,0860	0,1040	0,0860			0,1040					
Warrant	DE000CV8AN36	UMICO 55C 1218Z	EUR	0,0500	0,0580	0,0500			0,0580					
Warrant	NL0009106319	UMICO 3.4SPLOPENG	EUR	74,4800	74,4800	74,4800			74,4800					
Warrant	NL0009234046	UMICO 7.5SPLOPENG	EUR	67,0200	67,0200	67,0200			67,0200					
Warrant	NL0009368919	UMICO 8.7SPLOPENG	EUR	64,7500	64,7500	64,7500			64,7500					
Warrant	NL0010603882	UMICO 10.8SPLOPENG	EUR	57,4300	60,7500	57,4300	1148,6000	1	60,7500	20				
Warrant	NL0010603866	UMICO 13.4SPLOPENG	EUR	55,9600	55,9600	55,9600			55,9600					
Warrant	NL0011631460	UMICO 19.7SPLOPENG	EUR	44,2100	44,2100	44,2100			44,2100					
Warrant	NL0012074215	UMICO 28.2SPLOPENG	EUR	28,3900	28,3900	28,3900			28,3900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012468037	UMICO 33.9SPLOPENG	EUR											
Warrant	NL0012468029	UMICO 36.9SPLOPENG	EUR											
Warrant	DE000CJ3PJ76	UMICO 40.5C 0319Z	EUR	0,6050	0,7200	0,6050			0,7200					
Warrant	DE000CJ3PJ68	UMICO 40.5C 1218Z	EUR	0,3850	0,4900	0,3850			0,4900					
Warrant	NL0012481402	UMICO 43.6SPLOPENG	EUR											
Warrant	NL0010586822	UNILV 205SPLOPENG	EUR	28,6200	28,6500	28,6200			28,6500					
Warrant	NL0010942538	UNILV 265SPLOPENG	EUR	24,3000	24,3300	24,3000			24,3300					
Warrant	NL0011013222	UNILV 295SPLOPENG	EUR	19,6300	19,6500	19,6300			19,6500					
Warrant	NL0011374400	UNILV 335SPLOPENG	EUR	17,8400	17,8700	17,8400			17,8700					
Warrant	NL0012068043	UNILV 415SPLOPENG	EUR	10,3900	10,4200	10,3900			10,4200					
Warrant	NL0012825228	UNILV 475SPLOPENG	EUR											
Warrant	NL0009108174	UNILV 7.45SPLOPENG	EUR	41,6300	41,6500	41,6300			41,6500					
Warrant	NL0009112523	UNILV 10.65SPLOPENG	EUR	38,6800	38,7100	38,6800			38,7100					
Warrant	NL0009234418	UNILV 12.35SPLOPENG	EUR	37,0900	37,1100	37,0900			37,1100					
Warrant	NL0009371277	UNILV 14.15SPLOPENG	EUR	35,4100	35,4400	35,4100			35,4400					
Warrant	NL0009902402	UNILV 17.75SPLOPENG	EUR	32,0100	32,0300	32,0100			32,0300					
Warrant	NL0010595567	UNILV 18.75SPLOPENG	EUR	29,9300	29,9500	29,9300			29,9500					
Warrant	NL0010094355	UNILV 19.15SPLOPENG	EUR	30,7600	30,7900	30,7600			30,7900					
Warrant	NL0010086450	UNILV 20.55SPLOPENG	EUR	29,4700	29,4900	29,4700			29,4900					
Warrant	NL0010202719	UNILV 21.95SPLOPENG	EUR	28,1100	28,1300	28,1100			28,1300					
Warrant	NL0010966727	UNILV 28.25SPLOPENG	EUR	22,2500	22,2700	22,2500			22,2700					
Warrant	NL0011362322	UNILV 30.55SPLOPENG	EUR	20,1300	20,1600	20,1300			20,1600					
Warrant	NL0012062921	UNILV 35.55SPLOPENG	EUR	15,5100	15,5300	15,5100			15,5300					
Warrant	NL0012065403	UNILV 36.15SPLOPENG	EUR	12,5300	12,5500	12,5300			12,5500					
Warrant	NL0012479018	UNILV 43.95SPLOPENG	EUR	7,6700	7,6900	7,6700			7,6900					
Warrant	NL0010586814	UNILV21.39SPLOPENG	EUR	27,2300	27,2500	27,2300			27,2500					
Warrant	NL0010586806	UNILV22.87SPLOPENG	EUR	25,7600	25,7800	25,7600			25,7800					
Warrant	NL0010688701	UNILV24.32SPLOPENG	EUR	24,3100	24,3300	24,3100			24,3300					
Warrant	NL0010941019	UNILV25.81SPLOPENG	EUR	22,8100	22,8400	22,8100			22,8400					
Warrant	NL0010959458	UNILV27.37SPLOPENG	EUR	21,2500	21,2800	21,2500			21,2800					
Warrant	NL0011363155	UNILV30.68SPLOPENG	EUR	17,9500	17,9700	17,9500			17,9700					
Warrant	NL0011373253	UNILV32.43SPLOPENG	EUR	16,1900	16,2200	16,1900			16,2200					
Warrant	NL0011475868	UNILV34.28SPLOPENG	EUR	14,3200	14,3500	14,3200			14,3500					
Warrant	NL0012066187	UNILV38.04SPLOPENG	EUR	10,6000	10,6200	10,6000			10,6200					
Warrant	NL0012066294	UNILV40.06SPLOPENG	EUR	8,5800	8,6000	8,5800			8,6000					
Warrant	NL0012476907	UNILV42.11SPLOPENG	EUR	6,5100	6,5400	6,5100			6,5400					
Warrant	NL0012480990	UNILV44.26SPLOPENG	EUR	4,3500	4,4000	4,3500	1004,8500	1	4,4000		231			
Warrant	NL0012822662	UNILV46.48SPLOPENG	EUR											
Warrant	NL0012832091	UNILV48.87SPLOPENG	EUR	0,6100	0,6100	0,5600			0,5600					
Warrant	NL0012463939	UNILV52.56SPLOPENG	EUR	4,3000	4,3000	4,2600			4,2600					
Warrant	NL0012073654	UNILV56.64SPLOPENG	EUR	8,3900	8,3900	8,3400			8,3400					
Warrant	NL0009371061	URW 715SPLOPENG	EUR	9,3800	9,4900	9,3800			9,4900					
Warrant	NL0010085676	URW 995SPLOPENG	EUR	6,7700	6,8800	6,7700			6,8800					
Warrant	NL0010201430	URW 1075SPLOPENG	EUR	6,0300	6,1500	6,0200	361,4500	2	6,1500		60			
Warrant	NL0010203287	URW 1155SPLOPENG	EUR	5,2800	5,4000	5,2800			5,4000					
Warrant	NL0010211801	URW 1275SPLOPENG	EUR	4,1900	4,3000	4,1900			4,3000					
Warrant	NL0010537759	URW 1395SPLOPENG	EUR	3,0600	3,1700	3,0300	3030,0000	1	3,1700	1000				
Warrant	NL0010688149	URW 1525SPLOPENG	EUR	1,8500	1,9700	1,8500			1,9700					
Warrant	NL0010940763	URW 1655SPLOPENG	EUR											
Warrant	NL0012479000	URW 1775SPLOPENG	EUR											
Warrant	NL0012829410	URW 1825SPLOPENG	EUR	3,8000	3,8000	3,6800			3,6800					
Warrant	NL0012474738	URW 2005SPLOPENG	EUR	5,7500	5,7500	5,6300			5,6300					
Warrant	NL0011011986	URW 2215SPLOPENG	EUR	8,0000	8,0000	7,8700			7,8700					
Warrant	NL0011019476	URW 2445SPLOPENG	EUR	10,4900	10,4900	10,3700			10,3700					
Warrant	NL0012832703	URW 136.55SPLOPENG	EUR	2,4500	2,5600	2,4500			2,5600					
Warrant	NL0012831796	URW 143.75SPLOPENG	EUR	1,7300	1,8400	1,7300			1,8400					
Warrant	NL0012472856	URW 151.25SPLOPENG	EUR	0,9700	1,0900	0,9500	475,0000	1	1,0900	500				
Warrant	NL0012472112	URW 159.65SPLOPENG	EUR											
Warrant	NL0011858964	URW 168.45SPLOPENG	EUR											
Warrant	NL0012832711	URW 169.45SPLOPENG	EUR	1,1800	1,1800	1,0600			1,0600					
Warrant	NL0012828776	URW 172.25SPLOPENG	EUR											
Warrant	NL0012478838	URW 176.85SPLOPENG	EUR											
Warrant	NL0012480305	URW 181.55SPLOPENG	EUR											
Warrant	NL0012829121	URW 182.25SPLOPENG	EUR	2,4600	2,4600	2,3300			2,3300					
Warrant	NL0012472385	URW 195.95SPLOPENG	EUR	3,8300	3,8300	3,7100			3,7100					
Warrant	NL0012075345	URW 211.55SPLOPENG	EUR	5,3800	5,3800	5,2600			5,2600					
Warrant	NL0011852751	URW 228.25SPLOPENG	EUR	7,0600	7,0600	6,9300			6,9300					
Warrant	NL0009619311	USJPY 795SPLOPENG	EUR	27,7700	28,2000	27,7700			28,2000					
Warrant	NL0010344859	USJPY 935SPLOPENG	EUR	16,7500	17,1900	16,7500			17,1900					
Warrant	NL0010347019	USJPY 975SPLOPENG	EUR	13,9500	14,4000	13,9500			14,4000					
Warrant	NL0010352191	USJPY 985SPLOPENG	EUR	12,4800	12,9300	12,4800			12,9300					
Warrant	NL0010465241	USJPY 1005SPLOPENG	EUR	10,9700	11,4200	10,9700			11,4200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011856836	USJPY 102SPLOPENG	EUR	9,4300	9,8900	9,4300			9,8900					
Warrant	NL0011860002	USJPY 104SPLOPENG	EUR	7,8800	8,3300	7,8800			8,3300					
Warrant	NL0012480503	USJPY 107SPLOPENG	EUR	6,2800	6,7400	6,2800			6,7400					
Warrant	NL0012823405	USJPY 109SPLOPENG	EUR	4,6500	5,1100	4,6500			5,1100					
Warrant	NL0012831812	USJPY 111SPLOPENG	EUR	2,9800	3,4500	2,9800			3,4500					
Warrant	NL0011361365	USJPY 113SPSOPENG	EUR											
Warrant	NL0010953097	USJPY 115SPSOPENG	EUR	4,6300	4,6300	4,1500			4,1500					
Warrant	NL0011203930	USJPY 118SPSOPENG	EUR	6,4700	6,4700	5,9900			5,9900					
Warrant	NL0011289335	USJPY 120SPSOPENG	EUR	8,3500	8,3500	7,8700			7,8700					
Warrant	NL0011290101	USJPY 122SPSOPENG	EUR	10,2700	10,2700	9,7800			9,7800					
Warrant	NL0010535878	VIVEN 11SPLOPENG	EUR	11,2800	11,3100	11,2800			11,3100					
Warrant	NL0010464111	VIVEN 7.9SPLOPENG	EUR	14,1000	14,1300	14,1000			14,1300					
Warrant	NL0010537791	VIVEN 12.1SPLOPENG	EUR	10,1900	10,2200	10,1900			10,2200					
Warrant	NL0010594834	VIVEN 13.7SPLOPENG	EUR	8,7000	8,7300	8,7000			8,7300					
Warrant	NL0012074231	VIVEN 17.9SPLOPENG	EUR	4,8000	4,8300	4,8000			4,8300					
Warrant	NL0012080899	VIVEN 19.6SPLOPENG	EUR	3,2600	3,2900	3,2600			3,2900					
Warrant	NL0012828230	VIVEN 21.3SPLOPENG	EUR											
Warrant	NL0009368935	VODAF 64SPLOPENG	EUR	0,9900	0,9900	0,9800			0,9800					
Warrant	NL0009371079	VODAF 77SPLOPENG	EUR	0,8800	0,8800	0,8800			0,8800					
Warrant	NL0009373513	VODAF 106SPLOPENG	EUR	0,5800	0,5800	0,5800			0,5800					
Warrant	NL0010526604	VODAF 122SPLOPENG	EUR	0,4100	0,4100	0,4100			0,4100					
Warrant	NL0010526596	VODAF 130SPLOPENG	EUR	0,3200	0,3200	0,3200			0,3200					
Warrant	NL0012829907	VOPAK 41SPLOPENG	EUR											
Warrant	NL0009239672	VOPAK 16.5SPLOPENG	EUR	24,7100	24,7100	24,5500			24,5500					
Warrant	NL0009367036	VOPAK 24.3SPLOPENG	EUR	17,4800	17,4800	17,3200			17,3200					
Warrant	NL0009766625	VOPAK 26.6SPLOPENG	EUR	15,2500	15,2500	15,0900			15,0900					
Warrant	NL0009875855	VOPAK 29.2SPLOPENG	EUR	12,8600	12,8600	12,7000			12,7000					
Warrant	NL0010813366	VOPAK 31.6SPLOPENG	EUR	10,6600	10,6600	10,5000			10,5000					
Warrant	NL0012474761	VOPAK 34.5SPLOPENG	EUR	7,9200	7,9200	7,7600			7,7600					
Warrant	NL0012819395	VOPAK 37.6SPLOPENG	EUR	5,0300	5,0300	4,8700			4,8700					
Warrant	NL0012073431	VOPAK 43.3SPSOPENG	EUR											
Warrant	NL0010967295	VOPAK 48.6SPSOPENG	EUR	12,6800	12,8100	12,6800			12,8100					
Warrant	NL0011010194	VOPAK 53.3SPSOPENG	EUR	17,7500	17,8800	17,7500			17,8800					
Warrant	NL0011374459	VOW 69SPLOPENG	EUR	6,9800	7,4000	6,9800			7,4000					
Warrant	NL0011373980	VOW 74SPLOPENG	EUR	6,4600	6,8900	6,4600	206,7000	1	6,8800	30				
Warrant	NL0011371745	VOW 80SPLOPENG	EUR	5,9200	6,3400	5,9200			6,3400					
Warrant	NL0011474168	VOW 86SPLOPENG	EUR	5,3700	5,7900	5,3700			5,7900					
Warrant	NL0011619788	VOW 92SPLOPENG	EUR	4,7700	5,1900	4,7700			5,1900					
Warrant	NL0011622949	VOW 99SPLOPENG	EUR	4,1400	4,5500	4,1400			4,5500					
Warrant	NL0011848692	VOW 107SPLOPENG	EUR	3,4400	3,8600	3,4400			3,8600					
Warrant	NL0011861950	VOW 114SPLOPENG	EUR	2,7200	3,1300	2,7200			3,1300					
Warrant	NL0012062459	VOW 123SPLOPENG	EUR	1,9400	2,3500	1,9400			2,3500					
Warrant	NL0012463368	VOW 132SPLOPENG	EUR											
Warrant	NL0012823082	VOW 140SPLOPENG	EUR											
Warrant	NL0012831697	VOW 141SPLOPENG	EUR											
Warrant	NL0012832752	VOW 141SPLOPENG	EUR											
Warrant	NL0012824999	VOW 167SPSOPENG	EUR	4,7700	4,7700	4,3500			4,3500					
Warrant	NL0012476766	VOW 183SPSOPENG	EUR	6,5500	6,5500	6,1300			6,1300					
Warrant	NL0011195508	VOW 222SPSOPENG	EUR	10,7200	10,7200	10,3100			10,3100					
Warrant	NL0009885466	WEREL 5.9SPLOPENG	EUR	24,1400	24,5600	24,1400			24,5600					
Warrant	NL0009878255	WEREL 12.2SPLOPENG	EUR	18,3800	18,8000	18,3800			18,8000					
Warrant	NL0010343414	WEREL 20.7SPLOPENG	EUR	10,7100	11,1300	10,7100	3255,0000	1	11,1300	300				
Warrant	NL0010468211	WEREL 25.1SPLOPENG	EUR	6,6800	7,1000	6,6800			7,1000					
Warrant	NL0012473151	WEREL 26.4SPLOPENG	EUR	4,9600	5,3800	4,9600			5,3800					
Warrant	NL0012479026	WEREL 28.4SPLOPENG	EUR	3,0900	3,5100	3,0900			3,5100					
Warrant	NL0012824494	WEREL 31.1SPLOPENG	EUR											
Warrant	NL0012474746	WEREL 32.9SPSOPENG	EUR	6,3100	6,3100	5,8600			5,8600					
Warrant	NL0012469654	WEREL 40.1SPSOPENG	EUR	14,1200	14,1200	13,6700			13,6700					
Warrant	NL0012073399	WEREL 44.3SPSOPENG	EUR	18,6900	18,6900	18,2400			18,2400					
Warrant	NL0012822332	WOLTE 41SPLOPENG	EUR	10,9700	11,5100	10,9700			11,5100					
Warrant	NL0010352787	WOLTE 11.4SPLOPENG	EUR	41,4300	41,9700	41,4300			41,9700					
Warrant	NL0010951141	WOLTE 20.2SPLOPENG	EUR	33,4300	33,9700	33,4300			33,9700					
Warrant	NL0010962593	WOLTE 21.8SPLOPENG	EUR	31,9200	32,4600	31,9200			32,4600					
Warrant	NL0011475389	WOLTE 25.5SPLOPENG	EUR	28,5800	29,1200	28,5800			29,1200					
Warrant	NL0011622915	WOLTE 29.6SPLOPENG	EUR	24,8400	25,3800	24,8400			25,3800					
Warrant	NL0012064604	WOLTE 31.8SPLOPENG	EUR	22,8300	23,3700	22,8300			23,3700					
Warrant	NL0012066278	WOLTE 34.2SPLOPENG	EUR	20,6700	21,2100	20,6700			21,2100					
Warrant	NL0012474753	WOLTE 36.7SPLOPENG	EUR	18,4200	18,9600	18,4200			18,9600					
Warrant	NL0012822340	WOLTE 38.1SPLOPENG	EUR	13,8500	14,3900	13,8500			14,3900					
Warrant	NL0012476741	WOLTE 39.3SPLOPENG	EUR	16,0100	16,5500	16,0100			16,5500					
Warrant	NL0012480784	WOLTE 42.1SPLOPENG	EUR	13,4800	14,0200	13,4800			14,0200					
Warrant	NL0012822324	WOLTE 44.1SPLOPENG	EUR	7,8700	8,4100	7,8700			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
Warrant	NL0012823017	WOLTE 45.1SPLOPENG	EUR	10,7800	11,3200	10,7800			11,3200					
Warrant	NL0012823314	WOLTE 47.2SPLOPENG	EUR	4,6900	5,2300	4,6900			5,2300					
Warrant	NL0012825236	WOLTE 48.2SPLOPENG	EUR	7,8900	8,4300	7,8900			8,4300					
Warrant	NL0012826317	WOLTE 50.6SPLOPENG	EUR											
Warrant	NL0012827232	WOLTE 51.6SPLOPENG	EUR											
Warrant	NL0012822357	WOLTE 55.5SPSOPENG	EUR	4,0800	4,0800	3,5400			3,5400					
Warrant	NL0012826325	WOLTE 60.4SPSOPENG	EUR	9,0100	9,0100	8,4700			8,4700					
Warrant	NL0010821419	ZALG 16.7SPLOPENG	EUR	17,6000	19,0000	17,6000			19,0000					
Warrant	NL0010821401	ZALG 17.9SPLOPENG	EUR	16,5700	17,9700	16,5700			17,9700					
Warrant	NL0010952032	ZALG 21.9SPLOPENG	EUR	12,9800	14,3800	12,9800			14,3800					