

VRIJDAG 2 NOVEMBER 2018

UITGEGEVEN DOOR EURONEXT AMSTERDAM N.V.

# OFFICIELE PRIJSCOURANT


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EURONEXT AMSTERDAM

Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV89L69	1COV 48.77L OPENZ	EUR	1,2800	1,2800	1,1600	999,6800	1	1,1600	781				
Certificate	DE000CJ3PLD9	1COV 35.63TL OPENZ	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CJ3N3W1	1COV 41.63TL OPENZ	EUR	1,8800	1,9200	1,8600	1900,0000	2	1,8600	1000				
Certificate	NL0010653960	AABA 28.77L OPENB	EUR	31,4300	31,4300	31,4300			31,4300					
Certificate	DE000CP06238	AALB 25TL OPENC	EUR	9,8200	9,8200	9,8200			9,8200					
Certificate	DE000CY16LL1	AALB 25TL OPENC	EUR	9,6200	9,6200	9,6200			9,6200					
Certificate	DE000CP06W07	AALB 28TL OPENC	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	NL0012106488	AALB 30TL OPENB	EUR	6,6700	6,7800	6,6700			6,7800					
Certificate	DE000CY16HU0	AALB 30TL OPENC	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000CY51600	AALB 30TL OPENC	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	DE000CP068Y7	AALB 34TL OPENC	EUR											
Certificate	DE000CP06Z46	AALB 34TS OPENC	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CP06W15	AALB 34TS OPENC	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CP06Z53	AALB 35TS OPENC	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	DE000CP06TL3	AALB 36TS OPENC	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000CP06008	AALB 38TS OPENC	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	DE000CQ58UR6	AALB 40TS OPENC	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	DE000CQ58SV2	AALB 40TS OPENC	EUR	7,1300	7,1300	7,1300			7,1300					
Certificate	DE000CP06M41	AALB 45TS OPENC	EUR	12,2000	12,2000	12,2000			12,2000					
Certificate	DE000CY51LU9	AALB 46TS OPENC	EUR	13,4500	13,4500	13,4500			13,4500					
Certificate	DE000CY51JQ1	AALB 46TS OPENC	EUR	11,7400	11,7400	11,7400			11,7400					
Certificate	DE000CY520J7	AALB 48TS OPENC	EUR	13,7600	13,7600	13,7600			13,7600					
Certificate	DE000CY523S2	AALB 48TS OPENC	EUR	15,5700	15,5700	15,5700			15,5700					
Certificate	DE000CY51D78	AALB 50TS OPENC	EUR	15,5900	15,5900	15,5900			15,5900					
Certificate	DE000CQ58DK7	AALB 50TS OPENC	EUR	16,9000	16,9000	16,9000			16,9000					
Certificate	DE000CD627X6	AALB 28.TL OPENZ	EUR	4,8600	5,7700	4,8600	525,0000	1	5,7700	100				
Certificate	NL0010011763	AALB 9.1TL OPENB	EUR	25,3800	25,3800	25,3800			25,3800					
Certificate	NL0010284139	AALB 13.7TL OPENB	EUR	21,2800	21,2800	21,2800			21,2800					
Certificate	NL0010898847	AALB 18.4TL OPENB	EUR	17,0600	17,1700	17,0600			17,1700					
Certificate	NL0010903589	AALB 20.5TL OPENB	EUR	15,1600	15,2700	15,1600			15,2700					
Certificate	NL0010908489	AALB 21.6TL OPENB	EUR	14,2100	14,3200	14,2100			14,3200					
Certificate	NL0010926077	AALB 23.7TL OPENB	EUR	12,2700	12,3800	12,1500	999,1800	2	12,3800	82				
Certificate	NL0011906060	AALB 25.8TL OPENB	EUR	10,4000	10,5100	10,2200	2565,0000	1	10,5100	250				
Certificate	NL0013015423	AALB 32.3TS OPENB	EUR											
Certificate	NL0013009772	AALB 34.3TS OPENB	EUR	6,0100	6,0100	5,8300			5,8300					
Certificate	NL0013007909	AALB 36.3TS OPENB	EUR	8,2800	8,2800	8,1000			8,1000					
Certificate	NL0012989073	AALB 38.3TS OPENB	EUR	10,5100	10,5100	10,3300			10,3300					
Certificate	NL0012934509	AALB 39.1TS OPENH	EUR	11,4200	11,4200	11,3200			11,3200					
Certificate	DE000CV8AXE7	AALB 39.8TS OPENZ	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	NL0012985444	AALB 40.2TS OPENB	EUR	12,7500	12,7500	12,5700			12,5700					
Certificate	NL0011409776	AALB 15.13TL OPENH	EUR	19,8700	19,9900	19,8700			19,9900					
Certificate	NL0011442926	AALB 19.86BL OPENB	EUR	13,8550	13,9650	13,8550	4161,0000	1	13,9650	300				
Certificate	DE000CR4H864	AALB 21.16TL OPENZ	EUR	11,6800	12,3900	11,6800			12,3900					
Certificate	NL0011409743	AALB 22.49TL OPENH	EUR	13,3300	13,4400	13,3300			13,4400					
Certificate	NL0011409735	AALB 23.54TL OPENH	EUR	12,3900	12,5100	12,3900			12,5100					
Certificate	NL0011891981	AALB 24.45TL OPENH	EUR	11,5800	11,7000	11,5800			11,7000					
Certificate	NL0013014731	AALB 24.89BL OPENB	EUR	8,8250	8,9350	8,8250			8,9350					
Certificate	NL0011891973	AALB 24.97TL OPENH	EUR	11,1200	11,2300	11,1200			11,2300					
Certificate	LU1841152397	AALB 25.27TCIOPENS	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	NL0011926613	AALB 25.98TL OPENH	EUR	10,2300	10,3400	10,2300			10,3400					
Certificate	NL0013011307	AALB 26.39BL OPENB	EUR	7,3250	7,4750	7,3250	14880,0000	1	7,4350	2000				
Certificate	DE000CR6XQO7	AALB 26.52TL OPENZ	EUR	6,3300	7,0400	6,3300			7,0400					
Certificate	NL0011993340	AALB 26.81TL OPENH	EUR	9,4900	9,6000	9,4900			9,6000					
Certificate	NL0011993332	AALB 27.32TL OPENH	EUR	9,0300	9,1400	9,0300			9,1400					
Certificate	NL0011993324	AALB 27.84TL OPENH	EUR	8,5700	8,6900	8,5700			8,6900					



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	NL0012029490	AALB 27.89BL OPENB	EUR	5,8150	5,9900	5,7500	4794,7700	4	5,9250	823				
Certificate	NL0012051296	AALB 28.86TL OPENH	EUR	7,6700	7,7800	7,6700			7,7800					
Certificate	LU1817099796	AALB 29.06TCIOPENS	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	NL0013008592	AALB 29.63BL OPENB	EUR	4,0750	4,1850	4,0750			4,1850					
Certificate	DE000CD648R4	AALB 29.99TL OPENZ	EUR	2,9000	3,7100	2,9000	3964,7600	6	3,6000	1107				
Certificate	LU1859831452	AALB 30.15TCIOPENS	EUR	3,6300	3,6900	3,6300	36,3000	1	3,6900	10				
Certificate	NL0013126352	AALB 30.23TL OPENH	EUR	6,4500	6,5600	6,4500	1304,0000	1	6,5600	200				
Certificate	NL0013146319	AALB 31.13BL OPENB	EUR	2,5750	2,7300	2,5750	273,0000	1	2,6850	100				
Certificate	LU1859911304	AALB 31.62TCIOPENS	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	NL0013014848	AALB 32.14BS OPENB	EUR											
Certificate	NL0013128119	AALB 32.22TL OPENH	EUR											
Certificate	NL0013127152	AALB 32.22TS OPENH	EUR											
Certificate	LU1841153528	AALB 32.65TCIOPENS	EUR											
Certificate	NL0013085285	AALB 33.19TS OPENH	EUR											
Certificate	NL0013011398	AALB 34.13BS OPENB	EUR	1,2450	1,2450	1,0650			1,0650					
Certificate	NL0013084965	AALB 34.18TS OPENH	EUR	5,7900	5,7900	5,7000			5,7000					
Certificate	LU1840978693	AALB 34.24TCIOPENS	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CJ3N4Z2	AALB 35.81TS OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0013007651	AALB 36.12BS OPENB	EUR	3,2450	3,2450	3,0650			3,0650					
Certificate	NL0012988893	AALB 38.11BS OPENB	EUR	5,2350	5,2350	5,0550			5,0550					
Certificate	NL0012894596	AALB 38.85TS OPENH	EUR	11,1300	11,1300	11,0300			11,0300					
Certificate	NL0012895072	AALB 39.14TS OPENH	EUR	11,4600	11,4600	11,3700			11,3700					
Certificate	LU1790692294	AALB 39.72TCIOPENS	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	NL0012985584	AALB 40.09BS OPENB	EUR	7,2150	7,2150	7,0350			7,0350					
Certificate	NL0012933543	AALB 40.14TS OPENH	EUR	12,6000	12,6000	12,5100			12,5100					
Certificate	NL0012922066	AALB 41.08TS OPENH	EUR	13,6800	13,6800	13,5800			13,5800					
Certificate	LU1790427030	AALB 42.05TCIOPENS	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	NL0012919559	AALB 42.05TS OPENH	EUR	14,7900	14,7900	14,7000			14,7000					
Certificate	NL0012918460	AALB 43.04TS OPENH	EUR	15,9200	15,9200	15,8200			15,8200					
Certificate	NL0012598221	AALB 43.67TS OPENH	EUR	16,6500	16,6500	16,5500			16,5500					
Certificate	NL0012498646	AALB 44.04BS OPENB	EUR	11,1550	11,1550	10,9750			10,9750					
Certificate	NL0012536403	AALB 44.33TS OPENH	EUR	17,4000	17,4000	17,3000			17,3000					
Certificate	DE000CE6ETB8	AALB 44.78TS OPENZ	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0012592653	AALB 45.59TS OPENH	EUR	18,8400	18,8400	18,7400			18,7400					
Certificate	NL0012530968	AALB 46.72TS OPENH	EUR	20,1200	20,1200	20,0300			20,0300					
Certificate	NL0012605315	AALB 48.71TS OPENH	EUR	22,4000	22,4000	22,3000			22,3000					
Certificate	NL0012521959	AALB 50.49TS OPENH	EUR	24,4400	24,4400	24,3400			24,3400					
Certificate	NL0012523815	AALB 50.53TS OPENH	EUR	24,4800	24,4800	24,3800			24,3800					
Certificate	NL0012593354	AALB 54.46TS OPENH	EUR	28,9700	28,9700	28,8700			28,8700					
Certificate	DE000CN6KSV4	ABB 16.6TL OPENZ	EUR	4,1200	4,1200	4,0200			4,0200					
Certificate	DE000CM4ARJ8	ABB 12.65TL OPENZ	EUR	0,7450	0,7450	0,7300			0,7300					
Certificate	DE000CJ3PNA1	ABB 12.84TL OPENZ	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CK6V1W0	ABB 14.55TL OPENZ	EUR	5,8300	5,8300	5,7300			5,7300					
Certificate	DE000CN6J166	ABB 15.85TL OPENZ	EUR	0,8450	0,8450	0,8300			0,8300					
Certificate	DE000CN6L329	ABB 17.81TL OPENZ	EUR	0,5050	0,5050	0,4900			0,4900					
Certificate	DE000CD62K55	ABB 19.15TL OPENZ	EUR											
Certificate	DE000CN6ERP1	ABBV 41.23TL OPENZ	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000CY52SH9	ABLIZ 60TL OPENC	EUR											
Certificate	DE000CY52SG1	ABLIZ 65TL OPENC	EUR											
Certificate	DE000CN6KY55	ABLIZ29.94TL OPENZ	EUR	7,2200	7,2200	7,0600			7,0600					
Certificate	DE000CN6KZ21	ABLIZ34.36TL OPENZ	EUR	6,4700	6,4700	6,3100			6,3100					
Certificate	NL0012795983	ABN LEVOPENZ	EUR											
Certificate	NL0012796023	ABN SHROPENZ	EUR											
Certificate	XS1395021915	ABN STN0419B	EUR	106,6000	106,6000	106,6000			106,6000					
Certificate	DE000CY16LX6	ABN 15TL OPENC	EUR	9,7200	9,7200	9,7200			9,7200					
Certificate	DE000CY51BK1	ABN 16TL OPENC	EUR	8,2700	8,2700	8,2700			8,2700					
Certificate	DE000CY51402	ABN 16TL OPENC	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	DE000CY51BL9	ABN 18TL OPENC	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	DE000CY16LW8	ABN 18TL OPENC	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	DE000CV8A8S3	ABN 19TL 1218Z	EUR											
Certificate	DE000CY16LV0	ABN 20TL OPENC	EUR	4,4000	4,6300	4,4000	1100,0000	1	4,6300	250				
Certificate	DE000CY51634	ABN 20TL OPENC	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	DE000CV8AAZ0	ABN 21TL 1218Z	EUR											
Certificate	DE000CY16T09	ABN 22TL OPENC	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	NL0012976609	ABN 24BOC0619B	EUR	22,8400	22,8400	22,7900			22,7900					
Certificate	DE000CP06TM1	ABN 24TS OPENC	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	NL0012796064	ABN 25BON1219Z	EUR											
Certificate	NL0012236152	ABN 26BON1218Z	EUR											
Certificate	DE000CO5B238	ABN 26TS OPENC	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	DE000CY523D4	ABN 26TS OPENC	EUR											
Certificate	DE000CO5BDM3	ABN 26TS OPENC	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	DE000CY523T0	ABN 26TS OPENC	EUR											



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Certificate	NL0012648364	ABN 278OC1218Z	EUR											
Certificate	NL0012648687	ABN 278ON0619Z	EUR											
Certificate	DE000CY52V34	ABN 28TS OPENC	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000CO5A768	ABN 28TS OPENC	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	NL0012648372	ABN 298OC0619Z	EUR											
Certificate	DE000CY51GK0	ABN 30TS OPENC	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	DE000CY51UL9	ABN 32TS OPENC	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	DE000CY16T17	ABN 32TS OPENC	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	DE000CY52LV5	ABN 32TS OPENC	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	DE000CY52HG4	ABN 34TS OPENC	EUR	10,5200	10,5200	10,5200			10,5200					
Certificate	NL0011420625	ABN 6.3TL OPENH	EUR	16,4500	16,4500	16,4500			16,4500					
Certificate	NL0012036271	ABN 17.7TL OPENB	EUR	5,9050	5,9050	5,7350	2870,0000	1	5,8250	500				
Certificate	NL0012037816	ABN 18.2TL OPENB	EUR	5,4350	5,4350	5,3550			5,3550					
Certificate	DE000CD64DU3	ABN 19.1TL OPENZ	EUR	3,8350	4,0100	3,8350	802,0000	1	4,0100	200				
Certificate	NL0012795744	ABN 25.58OC0619Z	EUR											
Certificate	NL0012494454	ABN 25.68OC1218B	EUR	25,4700	25,4700	25,4400			25,4400					
Certificate	NL0013003205	ABN 25.98OC0919B	EUR	22,3100	22,3100	22,2300			22,2300					
Certificate	NL0012648893	ABN 27.58OC1218Z	EUR	26,4200	26,4200	26,4200	1321,0000	1	26,4200	50				
Certificate	NL0012648679	ABN 28.58ON1218Z	EUR											
Certificate	NL0012648901	ABN 29.58OC0619Z	EUR											
Certificate	NL0011420641	ABN 3.16TL OPENH	EUR	19,3800	19,3800	19,3800			19,3800					
Certificate	NL0011420633	ABN 4.73TL OPENH	EUR	17,9100	17,9100	17,9100			17,9100					
Certificate	NL0011420617	ABN 7.88TL OPENH	EUR	14,9900	14,9900	14,9900			14,9900					
Certificate	NL0011420609	ABN 9.45TL OPENH	EUR	13,5200	13,5200	13,5200			13,5200					
Certificate	NL0011904891	ABN 9.52BL OPENB	EUR	13,0450	13,0450	12,9650			12,9650					
Certificate	NL0011420591	ABN 10.76TL OPENH	EUR	12,3000	12,3000	12,3000			12,3000					
Certificate	NL0011420575	ABN 11.29TL OPENH	EUR	11,8200	11,8200	11,8200			11,8200					
Certificate	NL0011521158	ABN 11.66BL OPENB	EUR	10,8950	10,8950	10,8150			10,8150					
Certificate	NL0011420559	ABN 11.81TL OPENH	EUR	11,2200	11,4700	11,2200	10223,0000	2	11,3300	900				
Certificate	DE000CV89YF9	ABN 12.85TL OPENZ	EUR											
Certificate	NL0011914825	ABN 13.58TL OPENB	EUR	9,7350	9,7350	9,6550			9,6550					
Certificate	DE000CD62K63	ABN 13.94TL OPENZ	EUR	8,7950	8,7950	8,7950			8,7950					
Certificate	NL0011918024	ABN 14.62TL OPENB	EUR	8,7650	8,7650	8,6850			8,6850					
Certificate	DE000CD62C22	ABN 14.88TL OPENZ	EUR	7,3650	7,3650	7,3650			7,3650					
Certificate	NL0011919626	ABN 15.14TL OPENB	EUR	8,2850	8,2850	8,2050			8,2050					
Certificate	NL0012020275	ABN 15.64TL OPENB	EUR	7,8250	7,8250	7,7450			7,7450					
Certificate	DE000CD62PW7	ABN 15.87TL OPENZ	EUR	6,3750	6,3750	6,3750			6,3750					
Certificate	DE000CD63A31	ABN 16.52TL OPENZ	EUR	6,3150	6,3150	6,3150			6,3150					
Certificate	DE000CD62TQ1	ABN 16.86TL OPENZ	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	NL0012024657	ABN 17.19TL OPENB	EUR	6,3750	6,3750	6,2950			6,2950					
Certificate	LU1859831536	ABN 17.37TCIOPENS	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0012024079	ABN 17.47BL OPENB	EUR	5,0850	5,0850	5,0050	7605,0000	1	5,0050	1500				
Certificate	DE000CD63DNO	ABN 18.35TL OPENZ	EUR	3,9150	3,9150	3,9150			3,9150					
Certificate	NL0012038285	ABN 18.52BL OPENB	EUR	4,0350	4,0350	3,9550			3,9550					
Certificate	NL0012038293	ABN 19.05BL OPENB	EUR	3,5050	3,5050	3,4250	175,0000	1	3,4250	50				
Certificate	NL0012114003	ABN 19.22TL OPENB	EUR	4,4850	4,4850	4,4050			4,4050					
Certificate	NL0012114326	ABN 19.57BL OPENB	EUR	2,9950	2,9950	2,9150			2,9150					
Certificate	NL0012257760	ABN 19.72TL OPENB	EUR	4,0150	4,0650	3,8200	1419,2000	2	3,9350	360				
Certificate	DE000CD64BM4	ABN 19.83TL OPENZ	EUR	2,4450	2,6200	2,4450	1048,0000	1	2,6200	400				
Certificate	NL0012114631	ABN 20.09BL OPENB	EUR	2,4750	2,4800	2,2700	657,1700	2	2,3950	271				
Certificate	NL0012259360	ABN 20.23TL OPENB	EUR	3,5450	3,5450	3,4650			3,4650					
Certificate	NL0012258800	ABN 20.61BL OPENB	EUR	1,9550	1,9800	1,7300	76898,6500	28	1,8750	42146				
Certificate	NL0012794556	ABN 20.73TL OPENB	EUR	3,0750	3,1300	2,8600	2995,0000	2	2,9950	1000				
Certificate	LU1493084070	ABN 21.01TCIOPENS	EUR	3,0400	3,0700	3,0400	912,0000	1	3,0700	300				
Certificate	NL0013017171	ABN 21.81TS OPENB	EUR											
Certificate	NL0013016561	ABN 22.08BS OPENB	EUR											
Certificate	LU1521264090	ABN 22.23TCIOPENS	EUR	1,9800	1,9800	1,9300	2077,5000	2	1,9300	1050				
Certificate	LU1573509863	ABN 22.24TCIOPENS	EUR											
Certificate	NL0013015431	ABN 22.31TS OPENB	EUR											
Certificate	LU1859829803	ABN 22.44TCIOPENS	EUR											
Certificate	NL0013014129	ABN 22.81TS OPENB	EUR	2,2950	2,3650	2,2950			2,3650					
Certificate	NL0013013824	ABN 23.08BS OPENB	EUR	0,9150	0,9850	0,9150			0,9850					
Certificate	NL0013011802	ABN 23.31TS OPENB	EUR	2,8250	2,8950	2,8250			2,8950					
Certificate	LU1841028548	ABN 23.38TCIOPENS	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	NL0013009780	ABN 23.81TS OPENB	EUR	3,3750	3,4450	3,3750			3,4450					
Certificate	NL0013008824	ABN 24.07BS OPENB	EUR	1,9050	1,9750	1,9050			1,9750					
Certificate	LU1840978776	ABN 24.25TCIOPENS	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	NL0012789945	ABN 24.28TS OPENB	EUR	3,8750	3,9450	3,8750			3,9450					
Certificate	NL0012789952	ABN 24.78TS OPENB	EUR	4,4050	4,4750	4,4050			4,4750					
Certificate	DE000CV89BM3	ABN 24.98TS OPENZ	EUR											
Certificate	NL0012684369	ABN 25.07BS OPENB	EUR	2,9050	2,9750	2,9050			2,9750					
Certificate	NL0012683098	ABN 25.72TS OPENB	EUR	5,4350	5,5050	5,4350			5,5050					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1790699620	ABN 25.81TPIOPENS	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0012683775	ABN 26.04BS OPENB	EUR	3,8750	3,9450	3,8750			3,9450					
Certificate	NL0012679146	ABN 26.19TS OPENB	EUR	5,9350	6,0050	5,9350			6,0050					
Certificate	DE000CV89BN1	ABN 26.98TS OPENZ	EUR											
Certificate	NL0013007669	ABN 27.04BS OPENB	EUR	4,8750	4,9450	4,8750			4,9450					
Certificate	NL0012677611	ABN 28.65TS OPENB	EUR	8,5950	8,6650	8,5950			8,6650					
Certificate	DE000CV89ED6	ABN 28.97TS OPENZ	EUR											
Certificate	XS0657770458	ABN0%3MEURIBFRN24	EUR											
Certificate	NL0009980986	ABN0%INFLATNLKD22	EUR											
Certificate	DE000CN6KM26	ACCEN108.8TL OPENZ	EUR	2,2650	2,2650	2,1250			2,1250					
Certificate	DE000CE6DGE1	ACCEN123.1TL OPENZ	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000CJ3NWS9	ACCEN139.2TL OPENZ	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	DE000CR9NTA0	ACCEN86.09TL OPENZ	EUR	3,2650	3,2650	3,1250			3,1250					
Certificate	DE000CR9NUP6	ACCEN96.41TL OPENZ	EUR	2,8050	2,8050	2,6650			2,6650					
Certificate	DE000CV50608	ACCG 13.7TL OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	DE000CJ3PN70	ACCG 14.7TL OPENZ	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	DE000CE6FNN3	ACCG 15.3TL OPENZ	EUR											
Certificate	DE000CJ3N6V6	ACCG 9.53TL OPENZ	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	DE000CV8B3E3	ACCG 10.53TL OPENZ	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	DE000CV8B3F0	ACCG 11.59TL OPENZ	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	NL0013009608	ACCG 12.51TL OPENB	EUR	0,9300	0,9300	0,8600			0,8600					
Certificate	DE000CV8B3G8	ACCG 12.64TL OPENZ	EUR	0,8700	0,8700	0,7850	487,0000	2	0,7850	600				
Certificate	NL0013005788	ACCG 13.51TL OPENB	EUR	0,7400	0,7400	0,6800			0,6800					
Certificate	NL0012999114	ACCG 14.52TL OPENB	EUR	0,5500	0,5500	0,4900	270,0000	1	0,4900	500				
Certificate	NL0013015449	ACCG 16.46TS OPENB	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0012999148	ACCG 18.46TS OPENB	EUR	0,7300	0,8000	0,7300			0,8000					
Certificate	NL0012999155	ACCG 20.96TS OPENB	EUR	1,2700	1,3400	1,2700			1,3400					
Certificate	NL0010126686	ACCOR 19TL OPENB	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	NL0012259378	ACCOR 38TL OPENB	EUR	0,6150	0,6150	0,5650			0,5650					
Certificate	NL0011650528	ACCOR 29.7TL OPENB	EUR	1,3850	1,3850	1,3450			1,3450					
Certificate	NL0012100432	ACCOR 33.9TL OPENB	EUR	0,9950	0,9950	0,9450			0,9450					
Certificate	NL0013015456	ACCOR 41.7TS OPENB	EUR	0,3650	0,4050	0,3650			0,4050					
Certificate	NL0013001902	ACCOR 45.7TS OPENB	EUR	0,8050	0,8450	0,8050			0,8450					
Certificate	DE000CV89CP4	ACCOR29.81TL OPENZ	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	DE000CV4YXF3	ACCOR34.86TL OPENZ	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000CE6BL84	ACKBV 132.TL OPENZ	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CE6CKK5	ACKBV 172.TS OPENZ	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	DE000CV88P17	ACKBV 192.TS OPENZ	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CR4JAK8	ACKBV102.3TL OPENZ	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0013014749	ACKBV105.48L OPENB	EUR	1,9050	1,9050	1,8250			1,8250					
Certificate	DE000CD62D13	ACKBV107.3TL OPENZ	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000CD62UK2	ACKBV113.2TL OPENZ	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	NL0013007545	ACKBV115.48L OPENB	EUR	1,4050	1,4050	1,3250			1,3250					
Certificate	DE000CD63880	ACKBV119.1TL OPENZ	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CD640C3	ACKBV125.1TL OPENZ	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	NL0012997886	ACKBV125.48L OPENB	EUR	0,9050	0,9050	0,8250			0,8250					
Certificate	DE000CJ3N251	ACKBV157.1TS OPENZ	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0012998124	ACKBV159.3BS OPENB	EUR	1,0350	1,1150	1,0350			1,1150					
Certificate	NL0012998132	ACKBV179.2BS OPENB	EUR	2,0250	2,1050	2,0250			2,1050					
Certificate	DE000CR4HZN3	ACKBV92.35TL OPENZ	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CR4J3W9	ACKBV97.33TL OPENZ	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000CJ3PN88	ACS 22.18TL OPENZ	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000CV8AY41	ACS 26.18TL OPENZ	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CJ3PMW7	ACS 30.18TL OPENZ	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CJ3NRV3	ADECC34.54TL OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000CV89EV8	ADECC40.56TL OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	NL0011050786	ADIDA 45TL OPENH	EUR	16,5900	16,5900	16,4800			16,4800					
Certificate	DE000CX0H807	ADIDA 80TL OPENC	EUR	12,4100	12,4100	12,4100			12,4100					
Certificate	NL0011803648	ADIDA 104TL OPENB	EUR	11,1150	11,1150	11,0150			11,0150					
Certificate	DE000CX01K48	ADIDA 105TL OPENC	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	DE000CX0KWQ7	ADIDA 120TL OPENC	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	DE000CX59M96	ADIDA 130TL OPENC	EUR	7,0600	7,0600	7,0600			7,0600					
Certificate	DE000CX59YB7	ADIDA 140TL OPENC	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000CY16B57	ADIDA 150TL OPENC	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	DE000CY16DJ2	ADIDA 160TL OPENC	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	NL0012549497	ADIDA 165TL OPENH	EUR	5,3700	5,3700	5,2700			5,2700					
Certificate	DE000CY501T6	ADIDA 180TS OPENC	EUR											
Certificate	NL0013085293	ADIDA 210TS OPENH	EUR	1,8100	1,9500	1,8100			1,9500					
Certificate	NL0012937999	ADIDA 224TS OPENH	EUR	3,3200	3,4600	3,3200			3,4600					
Certificate	NL0011050760	ADIDA 54.5TL OPENH	EUR	15,7000	15,7000	15,5900			15,5900					
Certificate	NL0011240718	ADIDA 58.8TL OPENH	EUR	15,3000	15,3000	15,2000			15,2000					
Certificate	NL0011797162	ADIDA 92.3TL OPENB	EUR	12,2050	12,2050	12,1050			12,1050					



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	NL0011798913	ADIDA 98.7TL OPENB	EUR	11,6150	11,6150	11,5150			11,5150					
Certificate	NL0011733159	ADIDA105.4TL OPENH	EUR	10,9400	10,9400	10,8400			10,8400					
Certificate	DE000CN6L4W0	ADIDA109.2TL OPENZ	EUR	97,0000	97,4200	97,0000			97,4200					
Certificate	NL0011818125	ADIDA109.6TL OPENB	EUR	10,6050	10,6050	10,5050			10,5050					
Certificate	NL0011889373	ADIDA115.8TL OPENH	EUR	9,9700	9,9700	9,8700			9,8700					
Certificate	DE000CD61K80	ADIDA120.5TL OPENZ	EUR	85,7200	86,1400	85,7200			86,1400					
Certificate	NL0011926621	ADIDA125.7TL OPENH	EUR	9,0400	9,0400	8,9400			8,9400					
Certificate	NL0011910179	ADIDA127.6TL OPENB	EUR	8,9250	8,9250	8,8250			8,8250					
Certificate	DE000CD62A73	ADIDA132.4TL OPENZ	EUR	73,8100	74,2400	73,8100			74,2400					
Certificate	NL0012033773	ADIDA134.2TL OPENB	EUR	8,3150	8,3150	8,2150			8,2150					
Certificate	NL0011996434	ADIDA135.2TL OPENH	EUR	8,1600	8,1600	8,0500			8,0500					
Certificate	NL0012175012	ADIDA145.4TL OPENH	EUR	7,2000	7,2000	7,1000			7,1000					
Certificate	NL0012113799	ADIDA148.4TL OPENB	EUR	6,9950	6,9950	6,8950			6,8950					
Certificate	NL0012197354	ADIDA155.4TL OPENH	EUR	6,2700	6,2700	6,1600			6,1600					
Certificate	DE000CE6BKX7	ADIDA158.2TL OPENZ	EUR	4,8100	4,8500	4,8100			4,8500					
Certificate	NL0012116024	ADIDA164.1TL OPENB	EUR	5,5250	5,5250	5,4250			5,4250					
Certificate	NL0012555346	ADIDA164.8TL OPENH	EUR	5,3900	5,3900	5,2800			5,2800					
Certificate	NL0012594949	ADIDA170.5TL OPENH	EUR	4,8600	4,8600	4,7500			4,7500					
Certificate	NL0012594931	ADIDA175.6TL OPENH	EUR	4,3900	4,3900	4,2800			4,2800					
Certificate	NL0012774590	ADIDA181.1TL OPENB	EUR	3,9450	3,9450	3,8450			3,8450					
Certificate	NL0012925705	ADIDA181.2TL OPENH	EUR	3,8600	3,8600	3,7500			3,7500					
Certificate	DE000CJ3NPL8	ADIDA188.2TL OPENZ	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0013012578	ADIDA190.2TL OPENB	EUR	3,0950	3,0950	2,9950			2,9950					
Certificate	NL0013084973	ADIDA195.4TL OPENH	EUR	2,5300	2,5300	2,4300			2,4300					
Certificate	NL0013007271	ADIDA209.7TS OPENB	EUR	1,8650	1,9650	1,8650			1,9650					
Certificate	NL0012892376	ADIDA219.3TS OPENH	EUR	2,8100	2,9500	2,8100			2,9500					
Certificate	NL0012595508	ADIDA225.1TS OPENH	EUR	3,4400	3,5700	3,4400			3,5700					
Certificate	NL0012601629	ADIDA225.6TS OPENH	EUR	3,4900	3,6200	3,4900			3,6200					
Certificate	NL0012213904	ADIDA226.9TS OPENH	EUR	3,6300	3,7700	3,6300			3,7700					
Certificate	NL0012282248	ADIDA230.4TS OPENB	EUR	4,1050	4,2050	4,1050			4,2050					
Certificate	NL0012894091	ADIDA234.3TS OPENH	EUR	4,4300	4,5600	4,4300			4,5600					
Certificate	NL0012605844	ADIDA245.5TS OPENH	EUR	5,6300	5,7600	5,6300			5,7600					
Certificate	NL0012988687	ADIDA253.8TS OPENB	EUR	6,6250	6,7250	6,6250			6,7250					
Certificate	NL0012602593	ADIDA255.2TS OPENH	EUR	6,6700	6,8100	6,6700			6,8100					
Certificate	DE000CY50XV4	ADOBE 130TL OPENC	EUR	9,8600	9,8600	9,8600			9,8600					
Certificate	DE000CY50V51	ADOBE 130TL OPENC	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	DE000CY50V69	ADOBE 140TL OPENC	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	DE000CY50XW2	ADOBE 140TL OPENC	EUR	8,9900	8,9900	8,9900			8,9900					
Certificate	DE000CY51V84	ADOBE 150TL OPENC	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000CY51YP2	ADOBE 150TL OPENC	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	DE000CY51V92	ADOBE 160TL OPENC	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	DE000CY51YQ0	ADOBE 160TL OPENC	EUR	7,4400	7,4400	7,4400			7,4400					
Certificate	DE000CY52FC7	ADOBE 170TL OPENC	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	DE000CY52DZ3	ADOBE 170TL OPENC	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	DE000CY52MR1	ADOBE 180TL OPENC	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	DE000CO5A1A9	ADOBE 180TL OPENC	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	NL0012970891	ADYEN 173.TL OPENB	EUR	42,3600	42,3600	41,9700			41,9700					
Certificate	NL0012971436	ADYEN 362.TL OPENB	EUR	24,7600	24,7600	24,3700			24,3700					
Certificate	NL0013014855	ADYEN 622.85 OPENB	EUR	5,4100	5,9000	4,2500	315,3500	2	5,9000	70				
Certificate	NL0012997803	ADYEN 744.TS OPENB	EUR	22,0400	22,5300	22,0400			22,5300					
Certificate	NL0012970933	ADYEN181.98L OPENB	EUR	41,7900	41,7900	41,4000			41,4000					
Certificate	NL0012970941	ADYEN202.18L OPENB	EUR	39,7700	39,7700	39,3800			39,3800					
Certificate	NL0012970917	ADYEN216.2TL OPENB	EUR	38,3300	38,3300	37,9400			37,9400					
Certificate	NL0012971337	ADYEN252.68L OPENB	EUR	34,7200	34,7200	34,3300			34,3300					
Certificate	NL0012971170	ADYEN271.5TL OPENB	EUR	33,1900	33,1900	32,8000			32,8000					
Certificate	NL0012971329	ADYEN303.18L OPENB	EUR	29,6600	30,4100	29,2700	304,1000	1	29,2700	10				
Certificate	NL0012971188	ADYEN321.8TL OPENB	EUR	28,5000	28,5000	28,1100			28,1100					
Certificate	DE000CV89GH2	ADYEN347.7TL OPENZ	EUR	25,8400	25,8400	25,8400			25,8400					
Certificate	DE000CJ3PK16	ADYEN350.2TL OPENZ	EUR	4,6750	4,6750	4,6750			4,6750					
Certificate	NL0012971592	ADYEN383.98L OPENB	EUR	21,5800	21,5800	21,1900			21,1900					
Certificate	DE000CV89KV5	ADYEN390.4TL OPENZ	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	NL0012971600	ADYEN404.18L OPENB	EUR	19,5600	19,5600	19,1700			19,1700					
Certificate	DE000CJ3PPF5	ADYEN405.1TL OPENZ	EUR	3,5850	3,5850	3,5850			3,5850					
Certificate	NL0012973515	ADYEN424.28L OPENB	EUR	17,5500	17,5500	17,1600			17,1600					
Certificate	DE000CV89M92	ADYEN433.1TL OPENZ	EUR	3,7500	3,8500	3,5700	2654,2500	2	3,5700	705				
Certificate	NL0012973424	ADYEN442.2TL OPENB	EUR	17,2900	17,7900	16,9000	5334,0000	1	16,9000	300				
Certificate	NL0012973523	ADYEN444.48L OPENB	EUR	15,5300	15,5300	15,1400			15,1400					
Certificate	DE000CJ3PK24	ADYEN450.2TL OPENZ	EUR	2,6850	2,6850	2,6850			2,6850					
Certificate	NL0012977169	ADYEN464.58L OPENB	EUR	13,5200	13,5200	13,1300			13,1300					
Certificate	DE000CV89WA4	ADYEN475.9TL OPENZ	EUR	3,0000	3,0200	2,7700	8649,3100	5	2,7700	2888				
Certificate	DE000VA71S64	ADYEN481.2TL OPENV	EUR	11,0200	11,1200	11,0200	330,6000	1	11,0200	30				
Certificate	NL0012978191	ADYEN482.1TL OPENB	EUR	13,5800	14,2500	13,0900	5233,6500	6	13,1900	375				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012977177	ADYEN484.78L OPENB	EUR	11,5000	12,0100	11,1100	1400,4900	1	11,1100	117				
Certificate	DE000VA71572	ADYEN491.2TL OPENV	EUR	10,0200	10,0200	10,0200			10,0200					
Certificate	DE000CJ3PK32	ADYEN500.2TL OPENZ	EUR	1,8600	1,8600	1,6950	462,0000	2	1,6950	250				
Certificate	DE000VA71580	ADYEN501.2TL OPENV	EUR	9,0200	9,0200	9,0200			9,0200					
Certificate	NL0012979157	ADYEN502.1TL OPENB	EUR	11,7100	12,5900	11,3200	6710,0000	4	11,3200	550				
Certificate	NL0012979413	ADYEN504.88L OPENB	EUR	9,4900	10,4900	9,0200	4074,5000	3	9,1000	400				
Certificate	DE000CJ3PRR6	ADYEN515.9TL OPENZ	EUR	2,1500	2,2000	2,0250	655,0000	2	2,0250	300				
Certificate	DE000CV8ALS2	ADYEN518.7TL OPENZ	EUR											
Certificate	DE000VA87E13	ADYEN521.6TL OPENV	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	DE000VA87E21	ADYEN531.6TL OPENV	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	NL0013145659	ADYEN532.1TL OPENB	EUR	8,9600	9,4200	8,5700	282,6000	1	8,5700	30				
Certificate	NL0013146327	ADYEN534.88L OPENB	EUR	6,4900	7,4300	6,1000	16947,9000	6	6,1000	2530				
Certificate	DE000VA87E39	ADYEN541.6TL OPENV	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000VA8F5V2	ADYEN551.3TS OPENV	EUR											
Certificate	DE000VA87E47	ADYEN551.6TL OPENV	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	DE000VA8F3V7	ADYEN561.3TS OPENV	EUR											
Certificate	DE000VA87E62	ADYEN561.6TL OPENV	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	NL0013016579	ADYEN562.2BS OPENB	EUR											
Certificate	NL0013017189	ADYEN565.2TS OPENB	EUR											
Certificate	DE000VA8F3W5	ADYEN571.3TS OPENV	EUR											
Certificate	DE000VA8FZN4	ADYEN581.3TS OPENV	EUR											
Certificate	DE000VA8FZP9	ADYEN591.3TS OPENV	EUR											
Certificate	DE000VA8FZQ7	ADYEN601.3TS OPENV	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	DE000VA8FXJ7	ADYEN611.3TS OPENV	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	DE000VA8FXK5	ADYEN621.3TS OPENV	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	NL0013007917	ADYEN625.2TS OPENB	EUR	9,2100	9,7000	9,2100			9,7000					
Certificate	DE000VA7TFY6	ADYEN631.8TS OPENV	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	DE000VA7TFZ3	ADYEN641.8TS OPENV	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	DE000VA7TF06	ADYEN651.8TS OPENV	EUR	6,8500	7,9100	6,7500	426,6000	2	7,9100	60				
Certificate	DE000VA7TDF0	ADYEN661.9TS OPENV	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	DE000VA7TDG8	ADYEN671.9TS OPENV	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	NL0013006182	ADYEN681.9BS OPENB	EUR	11,4000	11,8900	11,4000			11,8900					
Certificate	DE000VA7TDH6	ADYEN681.9TS OPENV	EUR	10,9000	10,9000	10,9000			10,9000					
Certificate	NL0013005903	ADYEN685.1TS OPENB	EUR	15,6800	16,1700	15,6800			16,1700					
Certificate	DE000VA7TDJ2	ADYEN691.9TS OPENV	EUR	11,9000	11,9000	11,9000			11,9000					
Certificate	DE000VA7TAP5	ADYEN701.9TS OPENV	EUR	12,8900	12,8900	12,8900			12,8900					
Certificate	DE000VA7TAQ3	ADYEN711.9TS OPENV	EUR	13,8900	13,8900	13,8900			13,8900					
Certificate	DE000VA7PVA2	ADYEN721.9TS OPENV	EUR	14,8700	14,8700	14,8700			14,8700					
Certificate	DE000VA6TZG3	ADYEN732.5TS OPENV	EUR	15,8700	15,8700	15,8700			15,8700					
Certificate	NL0012997647	ADYEN741.7BS OPENB	EUR	17,3800	17,8700	17,0500	426,2500	1	17,8700	25				
Certificate	DE000VA6TZH1	ADYEN742.5TS OPENV	EUR	16,8600	16,8600	16,8600			16,8600					
Certificate	DE000VA64XC5	ADYEN752.3TS OPENV	EUR											
Certificate	NL0012996862	ADYEN761.6BS OPENB	EUR	19,3700	19,8600	19,3700			19,8600					
Certificate	DE000VA64XD3	ADYEN762.3TS OPENV	EUR											
Certificate	DE000VA7TAR1	ADYEN771.9TS OPENV	EUR											
Certificate	DE000VA64ZX6	ADYEN782.2TS OPENV	EUR											
Certificate	NL0013002470	ADYEN784.5TS OPENB	EUR	26,4100	26,9000	26,4100			26,9000					
Certificate	DE000VA64ZZ1	ADYEN792.2TS OPENV	EUR											
Certificate	NL0013000417	ADYEN801.5BS OPENB	EUR	23,4100	23,8500	23,4100	93,6400	1	23,8500	4				
Certificate	DE000VA7PSQ3	ADYEN811.9TS OPENV	EUR											
Certificate	DE000VA7PSS9	ADYEN821.9TS OPENV	EUR											
Certificate	NL0013002884	ADYEN824.6TS OPENB	EUR	30,7400	31,2300	30,7400			31,2300					
Certificate	NL0013002140	ADYEN841.4BS OPENB	EUR	27,3500	27,8400	27,3500			27,8400					
Certificate	NL0013003676	ADYEN881.3BS OPENB	EUR	31,3500	31,8400	31,3500			31,8400					
Certificate	FR0013123288	AE10S SHROPENS	EUR											
Certificate	FR0013123296	AE12S SHROPENS	EUR											
Certificate	FR0013123304	AE15S SHROPENS	EUR											
Certificate	DE000CE6BQR6	AEGON LEVOPENZ	EUR	44,2350	44,2350	42,9000			42,9000					
Certificate	DE000CE6BQG9	AEGON SHROPENZ	EUR	3,9030	4,0340	3,9030			4,0340					
Certificate	XS1777869857	AEGON STN0221B	EUR	107,3000	107,3000	106,9500	6438,0000	2	106,9500	6000				
Certificate	XS1649312698	AEGON STN0720B	EUR	107,4000	107,4000	107,4000			107,4000					
Certificate	XS1490961247	AEGON STN0926B	EUR	108,4000	108,4000	108,4000			108,4000					
Certificate	XS1325860556	AEGON STN1118B	EUR	108,0000	108,0000	108,0000	106920,0000	1	108,0000	99000				
Certificate	XS1536800789	AEGON STN1219B	EUR	109,2000	109,2000	109,2000			109,2000					
Certificate	DE000CX00039	AEGON 3TL OPENC	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	NL0012275267	AEGON 4TL OPENB	EUR	1,7750	1,7750	1,7450	885,0000	1	1,7450	500				
Certificate	DE000CY50040	AEGON 4TL OPENC	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	DE000CX59NX4	AEGON 4TL OPENC	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	DE000VA7PT04	AEGON 5TL 0319V	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	DE000VA32221	AEGON 5TL 1218V	EUR	0,5200	0,5200	0,4875	520,0000	1	0,4875	1000				
Certificate	DE000CY51X09	AEGON 5TL OPENC	EUR	0,7100	0,7300	0,7100	3550,0000	1	0,7300	5000				
Certificate	DE000CP06222	AEGON 5TL OPENC	EUR	0,6900	0,6900	0,6900			0,6900					



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	DE000CP06032	AEGON 5TL OPENC	EUR	0,5300	0,5500	0,5300	530,0000	1	0,5500	1000				
Certificate	DE000CY521M9	AEGON 5TL OPENC	EUR	0,9400	0,9400	0,9400			0,9400					
Certificate	NL0012796072	AEGON 6BON0919Z	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	NL0012796080	AEGON 6BON1219Z	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	DE000VA7PTY5	AEGON 6TS 0319V	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	DE000VA4YTV0	AEGON 6TS 1218V	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CQ5B246	AEGON 6TS OPENC	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CP06NR3	AEGON 7TS OPENC	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	DE000CP067R3	AEGON 7TS OPENC	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	DE000CQ5AJW1	AEGON 7TS OPENC	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CQ5A0R5	AEGON 7TS OPENC	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	DE000CC8AAN9	AEGON 8TS OPENC	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	NL0009940428	AEGON 1.1TL OPENB	EUR	4,4650	4,4650	4,4650			4,4650					
Certificate	NL0011418488	AEGON 1.1TL OPENH	EUR	4,5000	4,5000	4,4700			4,4700					
Certificate	NL0010012050	AEGON 1.5TL OPENB	EUR	4,1550	4,1550	4,1550			4,1550					
Certificate	NL00101174157	AEGON 1.8TL OPENB	EUR	3,8450	3,8450	3,8450			3,8450					
Certificate	NL00101175469	AEGON 2.1TL OPENB	EUR	3,5550	3,5550	3,5250			3,5250					
Certificate	DE000CX590S2	AEGON 3.2TL OPENC	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CX598P1	AEGON 3.4TL OPENC	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	NL0012030209	AEGON 3.5TL OPENB	EUR	2,2450	2,2450	2,2150			2,2150					
Certificate	DE000CX59928	AEGON 3.5TL OPENC	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	LU1521098654	AEGON 4.2TCIOPENS	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CY51LV7	AEGON 4.2TL OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	NL0012369201	AEGON 4.2TL OPENH	EUR	1,6800	1,6800	1,6500			1,6500					
Certificate	DE000CY50FP3	AEGON 4.5TL OPENC	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000CY50EG5	AEGON 4.5TL OPENC	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000VA320W2	AEGON 4.6TL 1218V	EUR	0,9200	0,9350	0,8950	920,0000	1	0,8950	1000				
Certificate	DE000CY51675	AEGON 4.6TL OPENC	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CY50WQ6	AEGON 4.6TL OPENC	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000VA71N44	AEGON 4.8TL 0319V	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000VA320X0	AEGON 4.8TL 1218V	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CY521L1	AEGON 4.8TL OPENC	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0012236178	AEGON 4.9BON1218Z	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	DE000CJ3NQ46	AEGON 5.1TL 1218Z	EUR	0,4100	0,4200	0,3950	1291,0000	3	0,3950	3100				
Certificate	DE000VA8F6G1	AEGON 5.2TL 0319V	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	DE000VA8F6F3	AEGON 5.2TL 1218V	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	DE000CY52LX1	AEGON 5.2TL OPENC	EUR											
Certificate	DE000VA8FVP8	AEGON 5.4TS 0319V	EUR											
Certificate	DE000VA8FVR4	AEGON 5.4TS 1218V	EUR											
Certificate	DE000CP06Z61	AEGON 5.5TS OPENC	EUR											
Certificate	DE000CP06W23	AEGON 5.5TS OPENC	EUR											
Certificate	DE000CQ5BHD3	AEGON 5.5TS OPENC	EUR											
Certificate	NL0012236277	AEGON 5.6BON1218Z	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000VA71N28	AEGON 5.6TS 0319V	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	DE000VA71N69	AEGON 5.6TS 1218V	EUR	0,1700	0,1950	0,1650	2250,0000	4	0,1950	12000				
Certificate	NL0013128127	AEGON 5.6TS OPENH	EUR	0,7400	0,7800	0,7400			0,7800					
Certificate	NL0012795546	AEGON 5.7BON0919Z	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	NL0012648695	AEGON 5.7BON1218Z	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	NL0012236582	AEGON 5.8BON1218Z	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	DE000VA7PTX7	AEGON 5.8TS 0319V	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	DE000VA64XS1	AEGON 5.8TS 1218V	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	NL0012987218	AEGON 5.9BON0619B	EUR	5,5800	5,5800	5,5700			5,5700					
Certificate	NL0012648703	AEGON 5.9BON0619Z	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	NL0012236590	AEGON 6.2BON0619Z	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	NL0012792964	AEGON 6.2BON1218B	EUR	5,9500	5,9600	5,9300	11920,0000	1	5,9300	2000				
Certificate	NL0012676241	AEGON 6.2BON1218B	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	NL0012648919	AEGON 6.2BON1218Z	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	DE000VA7PTZ2	AEGON 6.2TS 0319V	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	NL0012796353	AEGON 6.4BON1219Z	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	NL0012648927	AEGON 6.5BON0619Z	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	DE000CV8AB22	AEGON 6.5TS 1218Z	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	DE000CY521P2	AEGON 6.5TS OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CP06PB2	AEGON 6.5TS OPENC	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	NL0012782577	AEGON 6.6TS OPENB	EUR	1,6350	1,6650	1,6350			1,6650					
Certificate	NL0012615454	AEGON 6.7TS OPENH	EUR	1,9600	2,0000	1,9600			2,0000					
Certificate	DE000CJ3NTN6	AEGON 7.3TS 1218Z	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	DE000CQ5AUJ22	AEGON 7.5TS OPENC	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CC8AT71	AEGON 7.5TS OPENC	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000CM3ZVU6	AEGON 0.74TL OPENZ	EUR	4,7900	4,7900	4,7550			4,7550					
Certificate	NL0011051354	AEGON 1.82TL OPENH	EUR	3,8500	3,8500	3,8100			3,8100					
Certificate	NL0011230461	AEGON 1.82TL OPENH	EUR	3,8500	3,8500	3,8200			3,8200					
Certificate	NL0011905146	AEGON 1.97TL OPENB	EUR	3,6650	3,6650	3,6350			3,6350					



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	NL0011051347	AEGON 2.11TL OPENH	EUR	3,5900	3,5900	3,5600			3,5600					
Certificate	NL0011895073	AEGON 2.28TL OPENH	EUR	3,4300	3,4300	3,4000			3,4000					
Certificate	NL0011894589	AEGON 2.38TL OPENH	EUR	3,3400	3,3400	3,3100			3,3100					
Certificate	NL0011905153	AEGON 2.46TL OPENB	EUR	3,2150	3,2150	3,1850			3,1850					
Certificate	NL0011892799	AEGON 2.47TL OPENH	EUR	3,2500	3,2500	3,2200			3,2200					
Certificate	DE000CD61P10	AEGON 2.53TL OPENZ	EUR	3,0600	3,0600	3,0250			3,0250					
Certificate	NL0011896444	AEGON 2.59TL OPENH	EUR	3,1500	3,1500	3,1200			3,1200					
Certificate	NL0011906128	AEGON 2.71TL OPENB	EUR	2,9750	2,9750	2,9450			2,9450					
Certificate	NL0011930441	AEGON 2.79TL OPENH	EUR	2,9600	2,9600	2,9300			2,9300					
Certificate	DE000CD622H0	AEGON 2.79TL OPENZ	EUR	2,8200	2,8200	2,7850			2,7850					
Certificate	NL0011979919	AEGON 2.96TL OPENH	EUR	2,8100	2,8100	2,7800			2,7800					
Certificate	NL0012021117	AEGON 2.98TL OPENB	EUR	2,7250	2,7250	2,6950			2,6950					
Certificate	DE000CD637G0	AEGON 3.05TL OPENZ	EUR	2,5700	2,5700	2,5350			2,5350					
Certificate	NL0011980164	AEGON 3.17TL OPENH	EUR	2,6300	2,6300	2,5900			2,5900					
Certificate	NL0012029078	AEGON 3.24TL OPENB	EUR	2,4850	2,4850	2,4550			2,4550					
Certificate	NL0011989561	AEGON 3.27TL OPENH	EUR	2,5300	2,5300	2,5000			2,5000					
Certificate	DE000CD63BH6	AEGON 3.36TL OPENZ	EUR	2,2700	2,2700	2,2350			2,2350					
Certificate	NL0011993431	AEGON 3.48TL OPENH	EUR	2,3400	2,3400	2,3100			2,3100					
Certificate	DE000CD63MH3	AEGON 3.72TL OPENZ	EUR	1,9200	1,9200	1,8850			1,8850					
Certificate	NL0012030217	AEGON 3.75TL OPENB	EUR	2,0050	2,0050	1,9750			1,9750					
Certificate	DE000CX59FK7	AEGON 3.75TL OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0012306807	AEGON 3.79TL OPENH	EUR	2,0500	2,0500	2,0200			2,0200					
Certificate	DE000VN66Q68	AEGON 3.97TL OPENV	EUR											
Certificate	DE000CE6DGW3	AEGON 4.08TL OPENZ	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	NL0012333843	AEGON 4.21TL OPENH	EUR	1,6800	1,6800	1,6500			1,6500					
Certificate	DE000CV8AB06	AEGON 4.25TL 1218Z	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000CY16P29	AEGON 4.25TL OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CY50EF7	AEGON 4.25TL OPENC	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CY16T66	AEGON 4.25TL OPENC	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	DE000CY50248	AEGON 4.25TL OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0012278790	AEGON 4.26TL OPENB	EUR	1,5250	1,5250	1,4950	1510,0000	1	1,4950	1000				
Certificate	NL0012432041	AEGON 4.41TL OPENH	EUR	1,4900	1,4900	1,4600			1,4600					
Certificate	NL0012500086	AEGON 4.43TL OPENB	EUR	1,3750	1,3750	1,3450	2329,0000	1	1,3450	1700				
Certificate	DE000CE6E6J0	AEGON 4.45TL OPENZ	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	LU1573657894	AEGON 4.54TCIOPENS	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0012501977	AEGON 4.61TL OPENB	EUR	1,2150	1,2150	1,1800	153,4000	1	1,1850	130				
Certificate	NL0012528509	AEGON 4.61TL OPENH	EUR	1,3100	1,3100	1,2800			1,2800					
Certificate	LU1573783252	AEGON 4.68TCIOPENS	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	LU1573723191	AEGON 4.71TCIOPENS	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000CV8AB14	AEGON 4.75TL 1218Z	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	DE000CY51JR9	AEGON 4.75TL OPENC	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	NL0012504435	AEGON 4.77TL OPENB	EUR	1,0650	1,0700	1,0350	13290,0000	4	1,0350	12500				
Certificate	NL0012529861	AEGON 4.81TL OPENH	EUR	1,1300	1,1300	1,1000	1100,0000	1	1,1000	1000				
Certificate	LU1612296365	AEGON 4.84TCIOPENS	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CE6F176	AEGON 4.87TL OPENZ	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	LU1612632650	AEGON 4.94TCIOPENS	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000VL37EK1	AEGON 4.97TL OPENV	EUR											
Certificate	NL0012930622	AEGON 5.02TL OPENH	EUR	0,9400	0,9400	0,9100			0,9100					
Certificate	DE000CV8A5L4	AEGON 5.07TL OPENZ	EUR	0,4500	0,4500	0,4150	900,0000	1	0,4150	2000				
Certificate	LU1790494733	AEGON 5.12TCIOPENS	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	LU1859911486	AEGON 5.24TCIOPENS	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CQ5A0Q7	AEGON 5.25TL OPENC	EUR											
Certificate	DE000CQ5BYM9	AEGON 5.25TL OPENC	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	DE000CJ3PVC0	AEGON 5.27TL OPENZ	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	LU1841028621	AEGON 5.53TCIOPENS	EUR	0,1600	0,1600	0,1600			0,1600					
Certificate	NL0012494462	AEGON 5.65BOC1218B	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	DE000CQ5BDP6	AEGON 5.75TS OPENC	EUR											
Certificate	DE000CP06TN9	AEGON 5.75TS OPENC	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	NL0011406426	AEGON 5.81TS OPENH	EUR	0,9700	1,0100	0,9700			1,0100					
Certificate	NL0011093265	AEGON 5.86TS OPENB	EUR	0,8350	0,8650	0,8350			0,8650					
Certificate	NL0012919567	AEGON 5.92TS OPENH	EUR	1,1000	1,1400	1,1000			1,1400					
Certificate	NL0012696405	AEGON 6.05BS OPENB	EUR	0,6650	0,6950	0,6650			0,6950					
Certificate	NL0012586341	AEGON 6.06TS OPENH	EUR	1,2500	1,2900	1,2500			1,2900					
Certificate	DE000CV4ZHP2	AEGON 6.07TS OPENZ	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	NL0013000573	AEGON 6.11TS OPENB	EUR	1,1050	1,1350	1,1050			1,1350					
Certificate	LU1790583246	AEGON 6.18TCIOPENS	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0011039953	AEGON 6.18TS OPENH	EUR	1,3800	1,4200	1,3800			1,4200					
Certificate	DE000CQ5ANT9	AEGON 6.25TS OPENC	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	LU1840398264	AEGON 6.35TCIOPENS	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	NL0012584387	AEGON 6.45TS OPENH	EUR	1,6800	1,7200	1,6800			1,7200					
Certificate	NL0013001183	AEGON 6.55BS OPENB	EUR	1,1350	1,1650	1,1350			1,1650					
Certificate	NL0012605562	AEGON 6.68TS OPENH	EUR	1,9300	1,9700	1,9300			1,9700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3NVD3	AEGON 6.86TS OPENZ	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	NL0011039946	AEGON 6.92TS OPENH	EUR	2,2000	2,2400	2,2000			2,2400					
Certificate	LU1840398348	AEGON 6.93TPIOPENS	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	NL0012926877	AEGON 7.53TS OPENH	EUR	2,8800	2,9200	2,8800			2,9200					
Certificate	DE000C8AAM1	AEGON 7.75TS OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	NL0012539191	AEGON 7.94TS OPENH	EUR	3,3400	3,3800	3,3400			3,3800					
Certificate	NL0012555353	AEGON 8.58TS OPENH	EUR	4,0500	4,0900	4,0500			4,0900					
Certificate	NL0012608988	AEGON 9.25TS OPENH	EUR	4,7900	4,8300	4,7900			4,8300					
Certificate	NL0012849228	AEGON 9.27TS OPENH	EUR	4,8100	4,8500	4,8100			4,8500					
Certificate	NL0011815667	AEGON1.8268L OPENB	EUR	3,7450	3,7450	3,7050			3,7050					
Certificate	NL0011645726	AEGON2.3618L OPENB	EUR	3,2150	3,2150	3,1750			3,1750					
Certificate	NL0011907225	AEGON2.6278L OPENB	EUR	2,9550	2,9550	2,9150			2,9150					
Certificate	DE000CN6JR16	AEGON2.699TL OPENZ	EUR	2,8100	2,8100	2,7750			2,7750					
Certificate	NL0011916796	AEGON2.8928L OPENB	EUR	2,6850	2,6850	2,6550			2,6550					
Certificate	DE000CD624T1	AEGON3.019TL OPENZ	EUR	2,4900	2,4900	2,4550			2,4550					
Certificate	DE000CD63674	AEGON3.177TL OPENZ	EUR	2,3300	2,3300	2,2950			2,2950					
Certificate	DE000CD63898	AEGON3.326TL OPENZ	EUR	2,1800	2,1800	2,1450			2,1450					
Certificate	NL0012028807	AEGON3.4218L OPENB	EUR	2,1550	2,1550	2,1250			2,1250					
Certificate	DE000CD638A1	AEGON3.476TL OPENZ	EUR	2,0300	2,0300	2,0050			2,0050					
Certificate	NL0012029524	AEGON3.6838L OPENB	EUR	1,8950	1,8950	1,8650			1,8650					
Certificate	DE000CE6D624	AEGON3.723TL OPENZ	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	DE000CD63L87	AEGON3.873TL OPENZ	EUR	1,6400	1,6400	1,6050			1,6050					
Certificate	NL0012268809	AEGON3.9438L OPENB	EUR	1,6350	1,6350	1,6050			1,6050					
Certificate	DE000VN66RA9	AEGON3.967TL OPENV	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	DE000CE6D7G5	AEGON4.071TL OPENZ	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	DE000VN66RC5	AEGON4.167TL OPENV	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	NL0012276182	AEGON4.2028L OPENB	EUR	1,3750	1,3750	1,3450	810,0000	1	1,3450	600				
Certificate	DE000VN66TW9	AEGON4.258TL OPENV	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	DE000CE6DT50	AEGON4.273TL OPENZ	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	NL0012488084	AEGON4.4618L OPENB	EUR	1,1150	1,1150	1,0850			1,0850					
Certificate	DE000VN66WF8	AEGON4.466TL OPENV	EUR	1,3000	1,3000	1,2850	650,0000	1	1,2850	500				
Certificate	DE000CE6E333	AEGON4.474TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	DE000VL2FMQ5	AEGON4.672TL OPENV	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	DE000CE6F2N0	AEGON4.674TL OPENZ	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	NL0012503130	AEGON4.7178L OPENB	EUR	0,8750	0,8750	0,8350	10401,7500	2	0,8350	12355				
Certificate	DE000VL2FWM3	AEGON4.776TL OPENV	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	DE000CE6FS04	AEGON4.868TL OPENZ	EUR	0,6400	0,6400	0,6150	10887,0000	5	0,6150	17275				
Certificate	NL0012976351	AEGON4.913TL OPENB	EUR	0,9200	0,9200	0,8900			0,8900					
Certificate	DE000VL2FXA6	AEGON4.979TL OPENV	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	NL0012981211	AEGON4.9918L OPENB	EUR	0,5850	0,5850	0,5550	686,0000	2	0,5550	1200				
Certificate	NL0012991228	AEGON5.087TL OPENB	EUR	0,7650	0,7650	0,7250	76000,0000	5	0,7250	100000				
Certificate	DE000VA4RNV7	AEGON5.118TL OPENV	EUR	0,4900	0,4950	0,4700	2778,9500	4	0,4750	5855				
Certificate	DE000VA80FU0	AEGON5.223TL OPENV	EUR											
Certificate	NL0013145667	AEGON5.237TL OPENB	EUR	0,6250	0,6300	0,5950	945,0000	1	0,5950	1500				
Certificate	NL0013146335	AEGON5.2418L OPENB	EUR	0,3350	0,3350	0,3050			0,3050					
Certificate	NL0013015464	AEGON5.368TS OPENB	EUR											
Certificate	DE000VA8FT62	AEGON5.421TS OPENV	EUR											
Certificate	NL0013010606	AEGON5.5598S OPENB	EUR	0,1450	0,1750	0,1400	700,0000	1	0,1750	5000				
Certificate	NL0013009806	AEGON5.618TS OPENB	EUR	0,5750	0,6050	0,5750			0,6050					
Certificate	DE000VA7TG05	AEGON5.624TS OPENV	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	NL0011087259	AEGON5.8088S OPENB	EUR	0,4250	0,4650	0,4250			0,4650					
Certificate	DE000CE6FIC4	AEGON5.893TS OPENZ	EUR	0,4300	0,4650	0,4300	129,0000	1	0,4650	300				
Certificate	DE000VLSR8W0	AEGON6.213TS OPENV	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	NL0013000425	AEGON6.2998S OPENB	EUR	0,8850	0,9150	0,8850			0,9150					
Certificate	DE000CV4ZJ29	AEGON6.395TS OPENZ	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	DE000VL61EC8	AEGON6.411TS OPENV	EUR	0,5600	0,5850	0,5550	2280,0000	2	0,5850	4000				
Certificate	DE000VA1GMG9	AEGON6.579TS OPENV	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	DE000VA1GN64	AEGON6.776TS OPENV	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	NL0013002488	AEGON6.852TS OPENB	EUR	1,9050	1,9350	1,9050			1,9350					
Certificate	DE000CV88G34	AEGON6.895TS OPENZ	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	DE000VA1ST56	AEGON6.971TS OPENV	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	NL0012146013	AEX DIS1218Z	EUR	52,1100	52,1100	52,1100			52,1100					
Certificate	NL0012146005	AEX DIS1218Z	EUR	51,2500	51,2500	51,2500			51,2500					
Certificate	NL0012145999	AEX DIS1218Z	EUR	47,4300	47,4300	47,4300			47,4300					
Certificate	DE000VN61YP4	AEX LEVOPENV	EUR	16,3900	16,3900	15,2600	3278,0000	1	15,2600	200				
Certificate	DE000VN61YN9	AEX LEVOPENV	EUR	15,5600	15,5600	15,5600			15,5600					
Certificate	DE000VN61YR0	AEX LEVOPENV	EUR	11,2600	11,2600	11,2600			11,2600					
Certificate	DE000VN61YM1	AEX LEVOPENV	EUR	14,5150	14,5150	14,5150			14,5150					
Certificate	DE000VN61YS8	AEX LEVOPENV	EUR	8,3550	8,3550	8,3550			8,3550					
Certificate	DE000VN61YT6	AEX LEVOPENV	EUR	6,3800	6,3800	5,6250	255,2000	1	5,6250	40				
Certificate	DE000VN61YQ2	AEX LEVOPENV	EUR	15,0000	15,0000	13,7150	1490,0000	2	13,7150	100				
Certificate	DE000VN61YV2	AEX SHROPENV	EUR	2,5500	2,5500	2,5500			2,5500					



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	DE000VA234Q5	AEX SHROPNV	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000VN61YU4	AEX SHROPNV	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	DE000VN61Y23	AEX SHROPNV	EUR	0,1350	0,1350	0,1350			0,1350					
Certificate	DE000VN61YX8	AEX SHROPNV	EUR	0,6750	0,6750	0,6750			0,6750					
Certificate	DE000VN61Y06	AEX SHROPNV	EUR	0,0550	0,0550	0,0550			0,0550					
Certificate	DE000VN61YY6	AEX SHROPNV	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	DE000VN61YW0	AEX SHROPNV	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	DE000VA545V4	AEX SHROPNV	EUR	12,9600	12,9600	12,9600			12,9600					
Certificate	NL0011219696	AEX STN0123V	EUR											
Certificate	NL0012247746	AEX STN0523V	EUR	99,3500	99,3500	99,1000	9935,0000	1	99,1000	10000				
Certificate	NL0012248330	AEX STN0523V	EUR											
Certificate	NL0012249775	AEX STN0723V	EUR											
Certificate	NL0012250179	AEX STN0723V	EUR	99,5500	99,5500	99,5500			99,5500					
Certificate	NL0010733770	AEX STN0920V	EUR											
Certificate	NL0012236442	AEX 55BON0619Z	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0012236426	AEX 55BON1218Z	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	NL0012236459	AEX 58BON0619Z	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0012236434	AEX 59BON1218Z	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	NL0012236467	AEX 65BON0619Z	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	NL0012236525	AEX 0.9PRO0619Z	EUR	97,1800	97,1800	97,1800			97,1800					
Certificate	NL0012236566	AEX 0.9PRO0619Z	EUR	93,8300	93,8300	93,8300			93,8300					
Certificate	NL0009940188	AEX 194TL OPENB	EUR	33,2660	33,2660	33,2660			33,2660					
Certificate	NL0010010450	AEX 208TL OPENB	EUR	31,9130	31,9130	31,9130			31,9130					
Certificate	NL0010010476	AEX 215TL OPENB	EUR	31,2270	31,2270	31,2270			31,2270					
Certificate	NL0010010724	AEX 224TL OPENB	EUR	30,8720	30,8720	30,3070	154,3600	1	30,3070	5				
Certificate	NL0010124681	AEX 228TL OPENB	EUR	29,9700	29,9700	29,9700			29,9700					
Certificate	NL0010174116	AEX 234TL OPENB	EUR	29,3000	29,3000	29,3000			29,3000					
Certificate	NL0010174124	AEX 238TL OPENB	EUR	28,9630	28,9630	28,9630			28,9630					
Certificate	NL0010174546	AEX 248TL OPENB	EUR	28,4800	28,4800	27,9700	2848,0000	1	27,9700	100				
Certificate	NL0010174587	AEX 251TL OPENB	EUR	27,6320	27,6320	27,6320			27,6320					
Certificate	NL0010174595	AEX 254TL OPENB	EUR	27,3480	27,3480	27,3480			27,3480					
Certificate	NL0010175048	AEX 257TL OPENB	EUR	27,0790	27,0790	27,0790			27,0790					
Certificate	NL0010175337	AEX 260TL OPENB	EUR	26,7520	26,7520	26,7520			26,7520					
Certificate	NL0010175345	AEX 264TL OPENB	EUR	26,4160	26,4160	26,4160			26,4160					
Certificate	NL0010175410	AEX 267TL OPENB	EUR	26,0870	26,0870	26,0870			26,0870					
Certificate	NL0010251708	AEX 271TL OPENB	EUR	25,7550	25,7550	25,7550			25,7550					
Certificate	NL0010252250	AEX 277TL OPENB	EUR	25,0850	25,0850	25,0850			25,0850					
Certificate	NL0010287892	AEX 284TL OPENB	EUR	24,9350	24,9550	24,4290	99727,5000	24	24,4290	4000				
Certificate	NL0010440947	AEX 287TL OPENB	EUR	24,1000	24,1000	24,1000			24,1000					
Certificate	NL0010441242	AEX 291TL OPENB	EUR	23,7670	23,7670	23,7670			23,7670					
Certificate	NL0010441259	AEX 294TL OPENB	EUR	23,4370	23,4370	23,4370			23,4370					
Certificate	NL0010441580	AEX 297TL OPENB	EUR	23,1160	23,1160	23,1160			23,1160					
Certificate	NL0010442232	AEX 307TL OPENB	EUR	22,1310	22,1310	22,1310			22,1310					
Certificate	NL0010442240	AEX 311TL OPENB	EUR	21,8100	21,8100	21,8100			21,8100					
Certificate	NL0010442687	AEX 314TL OPENB	EUR	21,4860	21,4860	21,4860			21,4860					
Certificate	NL0010145884	AEX 320TL OPENB	EUR											
Certificate	NL0010151932	AEX 322TL OPENB	EUR											
Certificate	NL0010515516	AEX 322TL OPENB	EUR	20,7380	20,7380	20,7380			20,7380					
Certificate	NL0010151940	AEX 324TL OPENB	EUR											
Certificate	NL0010515524	AEX 325TL OPENB	EUR	20,9190	20,9240	20,4290	52297,5000	1	20,4290	2500				
Certificate	NL0010155776	AEX 326TL OPENB	EUR											
Certificate	DE000CX0K9F0	AEX 333TL OPENB	EUR	22,4300	22,4300	22,4300			22,4300					
Certificate	NL0010891560	AEX 334TL OPENB	EUR	19,5160	19,5160	19,5160			19,5160					
Certificate	NL0010891586	AEX 339TL OPENB	EUR	19,0880	19,0880	19,0880			19,0880					
Certificate	NL0010891677	AEX 341TL OPENB	EUR	19,4780	19,4880	18,8730	3895,6000	1	18,8730	200				
Certificate	NL0010721205	AEX 341TL OPENH	EUR	18,5000	18,5000	18,5000			18,5000					
Certificate	NL0010893897	AEX 343TL OPENB	EUR	18,6570	18,6570	18,6570			18,6570					
Certificate	NL0010893905	AEX 345TL OPENB	EUR	18,4410	18,4410	18,4410			18,4410					
Certificate	NL0011602560	AEX 348TL OPENH	EUR	17,8200	17,8200	17,8200			17,8200					
Certificate	NL0011602883	AEX 351TL OPENH	EUR	17,5200	17,5200	17,5200			17,5200					
Certificate	NL0011648399	AEX 352TL OPENB	EUR	17,7170	17,7170	17,7170			17,7170					
Certificate	NL0011649140	AEX 357TL OPENB	EUR	17,3150	17,3150	17,3150			17,3150					
Certificate	NL0011649157	AEX 359TL OPENB	EUR	17,1100	17,1100	17,1100			17,1100					
Certificate	NL0011649173	AEX 363TL OPENB	EUR	16,7040	16,7040	16,7040			16,7040					
Certificate	NL0011649199	AEX 367TL OPENB	EUR	16,2930	16,2930	16,2930			16,2930					
Certificate	NL0011649884	AEX 369TL OPENB	EUR	16,0910	16,0910	16,0910			16,0910					
Certificate	DE000CX00AQ9	AEX 369TL OPENC	EUR	18,7300	18,7300	18,7300			18,7300					
Certificate	NL0011649900	AEX 371TL OPENB	EUR	15,8850	15,8850	15,8850			15,8850					
Certificate	NL0011650973	AEX 374TL OPENB	EUR	15,5740	15,5740	15,5740			15,5740					
Certificate	DE000CW3ALZ7	AEX 380TL OPENC	EUR	18,0200	18,0200	18,0200			18,0200					
Certificate	NL0011654355	AEX 382TL OPENB	EUR	14,8650	14,8650	14,8650			14,8650					
Certificate	NL0011705298	AEX 383TL OPENH	EUR	14,3600	14,3600	14,3600			14,3600					



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	NL0011654371	AEX 386TL OPENB	EUR	14,4520	14,4520	14,4520			14,4520					
Certificate	NL0011817838	AEX 387TL OPENB	EUR	14,3520	14,3520	14,3520			14,3520					
Certificate	DE000CX00A09	AEX 390TL OPENC	EUR	16,1300	16,1300	16,1300			16,1300					
Certificate	DE000CJ3N690	AEX 392TL 1218Z	EUR	12,9060	12,9060	12,9060			12,9060					
Certificate	NL0011898721	AEX 393TL OPENB	EUR	13,7440	13,7440	13,7440			13,7440					
Certificate	NL0011901012	AEX 395TL OPENB	EUR	13,5440	13,5440	13,5440			13,5440					
Certificate	NL0011901020	AEX 396TL OPENB	EUR	13,4440	13,4440	13,4440			13,4440					
Certificate	DE000CX00BG8	AEX 400TL OPENC	EUR	15,5200	15,5200	15,5200			15,5200					
Certificate	NL0011905054	AEX 401TL OPENB	EUR	13,0010	13,0010	13,0010			13,0010					
Certificate	NL0011906920	AEX 404TL OPENB	EUR	12,7050	12,7050	12,7050			12,7050					
Certificate	NL0011906938	AEX 406TL OPENB	EUR	12,5030	12,5030	12,5030			12,5030					
Certificate	DE000CX00DD1	AEX 406TL OPENC	EUR	14,3900	14,3900	14,3900			14,3900					
Certificate	DE000CV88BT9	AEX 408TL 1218Z	EUR	11,3100	11,3100	11,3100			11,3100					
Certificate	NL0011906953	AEX 410TL OPENB	EUR	12,0970	12,0970	12,0970			12,0970					
Certificate	DE000CX00KM7	AEX 411TL OPENC	EUR	14,3000	14,3000	14,3000			14,3000					
Certificate	DE000CX01XW7	AEX 412TL OPENC	EUR	13,1700	13,1700	13,1700			13,1700					
Certificate	DE000CX00KP0	AEX 413TL OPENC	EUR	14,0200	14,0200	14,0200			14,0200					
Certificate	NL0012016752	AEX 415TL OPENB	EUR	11,5380	11,5380	11,5380			11,5380					
Certificate	NL0012029011	AEX 420TL OPENB	EUR	11,0460	11,0460	11,0460			11,0460					
Certificate	DE000CX0KW94	AEX 420TL OPENC	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	DE000CV8AU78	AEX 424TL 1218Z	EUR	9,7140	9,7140	9,7140			9,7140					
Certificate	NL0012029946	AEX 424TL OPENB	EUR	10,7460	10,7460	10,7460			10,7460					
Certificate	LU1449143335	AEX 425TL 0133S	EUR											
Certificate	DE000CX01UB7	AEX 425TL OPENC	EUR											
Certificate	NL0012029953	AEX 426TL OPENB	EUR	10,5410	10,5410	10,5410			10,5410					
Certificate	NL0012031850	AEX 427TL OPENB	EUR	10,4480	10,4480	10,4480			10,4480					
Certificate	NL0012036867	AEX 428TL OPENB	EUR	10,2880	10,2880	10,2880			10,2880					
Certificate	LU1732548497	AEX 428TL OPENS	EUR											
Certificate	DE000CX0KYX9	AEX 430TL OPENC	EUR	11,5700	11,5700	11,5700			11,5700					
Certificate	DE000CJ3PH03	AEX 432TL 1218Z	EUR	8,9140	8,9140	8,9140			8,9140					
Certificate	NL0012036891	AEX 433TL OPENB	EUR	9,7840	9,7840	9,7840			9,7840					
Certificate	NL0012038137	AEX 436TL OPENB	EUR	9,4840	9,4840	9,4840			9,4840					
Certificate	DE000CX59FA8	AEX 436TL OPENC	EUR	10,3600	10,3600	10,3600			10,3600					
Certificate	DE000CX0KYJ8	AEX 436TL OPENC	EUR	10,5200	10,5200	10,5200			10,5200					
Certificate	NL0012038921	AEX 439TL OPENB	EUR	9,1810	9,1810	9,1810			9,1810					
Certificate	DE000CV8A8L8	AEX 440TL 1218Z	EUR	8,1150	8,1150	8,1150			8,1150					
Certificate	DE000CX59HH9	AEX 440TL OPENC	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	DE000CX59F79	AEX 442TL OPENC	EUR											
Certificate	DE000CX59HK3	AEX 444TL OPENC	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	NL0012040216	AEX 446TL OPENB	EUR	9,0640	9,0640	8,5840	34189,6300	3	8,5840	3795				
Certificate	DE000CJ3N7A8	AEX 448TL 1218Z	EUR	7,3160	7,3160	7,3160			7,3160					
Certificate	NL0012051627	AEX 449TL OPENH	EUR	7,9100	7,9100	7,8400	791,0000	1	7,8400	100				
Certificate	NL0012099881	AEX 452TL OPENB	EUR	7,9890	7,9890	7,9890			7,9890					
Certificate	NL0012099899	AEX 453TL OPENB	EUR	7,8890	7,8890	7,8890			7,8890					
Certificate	NL0012052427	AEX 453TL OPENH	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	DE000CX59WE5	AEX 454TL OPENC	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	NL0012052419	AEX 454TL OPENH	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	NL0012100390	AEX 455TL OPENB	EUR	7,6880	7,6880	7,6880			7,6880					
Certificate	DE000CV8A9R3	AEX 456TL 1218Z	EUR	6,5160	6,5160	6,5160			6,5160					
Certificate	NL0012100408	AEX 456TL OPENB	EUR	7,5870	7,5870	7,5870			7,5870					
Certificate	DE000CX59XD5	AEX 456TL OPENC	EUR	8,7700	8,7700	8,7700			8,7700					
Certificate	NL0012100705	AEX 457TL OPENB	EUR	7,4890	7,4890	7,4890			7,4890					
Certificate	DE000CX59X77	AEX 457TL OPENC	EUR	8,2500	8,2500	8,2500			8,2500					
Certificate	DE000CX596J8	AEX 458TS OPENC	EUR											
Certificate	DE000CX595N2	AEX 458TS OPENC	EUR											
Certificate	DE000CX592K5	AEX 460TL OPENC	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	DE000CX59XF0	AEX 460TL OPENC	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	DE000CX594C8	AEX 460TS OPENC	EUR											
Certificate	DE000CX598F2	AEX 460TS OPENC	EUR											
Certificate	DE000CX59ZL3	AEX 461TL OPENC	EUR	8,4100	8,4400	7,8400	16665,0000	4	7,8400	2000				
Certificate	DE000CX59ZM1	AEX 462TL OPENC	EUR	7,7300	7,7300	7,7300			7,7300					
Certificate	DE000CY0AJJ9	AEX 463TL OPENC	EUR	7,6300	7,6300	7,6300			7,6300					
Certificate	DE000CV888Y0	AEX 464TL 1218Z	EUR	5,7150	5,7150	5,7150			5,7150					
Certificate	DE000CY0AJK7	AEX 464TL OPENC	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	DE000CX59XH6	AEX 464TL OPENC	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	DE000CY0AKH1	AEX 465TL OPENC	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	DE000CX59ZN9	AEX 465TL OPENC	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	DE000VA8F477	AEX 466TL 0319V	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	DE000CX59ZP4	AEX 466TL OPENC	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	DE000VA8F5A6	AEX 466TL OPENV	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	DE000VA8F2L0	AEX 468TL 0319V	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	DE000CJ3PPW0	AEX 468TL 1218Z	EUR	5,3100	5,3100	5,3100			5,3100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA8F2X5	AEX 468TL OPENV	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	DE000CY0AM05	AEX 469TL OPENC	EUR	7,3500	7,3500	7,0200	4001,4000	2	7,0200	554				
Certificate	DE000VA71VM3	AEX 469TL OPENV	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000VA71UW4	AEX 470TL 0319V	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	NL0012110985	AEX 470TL OPENB	EUR	6,6260	6,6260	6,1460	5726,2200	4	6,1460	870				
Certificate	DE000CY0AKK5	AEX 470TL OPENC	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	DE000CY0AM21	AEX 471TL OPENC	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	DE000VA71VP6	AEX 471TL OPENV	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	DE000VA71UX2	AEX 472TL 0319V	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	DE000CV8A9S1	AEX 472TL 1218Z	EUR	4,9170	4,9170	4,9170			4,9170					
Certificate	DE000CY0AM47	AEX 473TL OPENC	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	DE000CY0ANJ1	AEX 473TL OPENC	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	DE000VA71VR2	AEX 473TL OPENV	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	DE000VA71UY0	AEX 474TL 0319V	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000CY0AM54	AEX 474TL OPENC	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	DE000VN6V9U8	AEX 474TL OPENV	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000CP07EX8	AEX 475TL 0319C	EUR	4,9700	4,9800	4,5500	4970,0000	1	4,5500	1000				
Certificate	DE000CY0ANE2	AEX 475TL OPENC	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	DE000VA71QV4	AEX 476TL 0319V	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	DE000CJ3PAN1	AEX 476TL 1218Z	EUR	4,5180	4,5180	4,5180			4,5180					
Certificate	DE000CY0ANL7	AEX 476TL OPENC	EUR	6,7300	6,7300	6,7300			6,7300					
Certificate	DE000VA71RI7	AEX 476TL OPENV	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	DE000CY0AW45	AEX 477TL OPENC	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000CP07EW0	AEX 478TL 0319C	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	DE000VA71QW2	AEX 478TL 0319V	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	DE000CY0AWK0	AEX 478TL OPENC	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	DE000VA71RK5	AEX 478TL OPENV	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	DE000CY0AWF0	AEX 479TL OPENC	EUR	6,0500	6,0500	6,0500			6,0500					
Certificate	DE000CP07EV2	AEX 480TL 0319C	EUR	4,4500	4,6400	4,0600	10192,5000	3	4,0600	2250				
Certificate	DE000VA71QX0	AEX 480TL 0319V	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000CV8AKZ9	AEX 480TL 1218Z	EUR	4,1210	4,1210	4,1210			4,1210					
Certificate	DE000CY0AWL8	AEX 480TL OPENC	EUR	6,3700	6,3700	6,3700			6,3700					
Certificate	DE000CY0AWG8	AEX 480TL OPENC	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	DE000VA6EBF8	AEX 480TL OPENV	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	NL0012115927	AEX 481TL OPENB	EUR	5,0580	5,0580	5,0580			5,0580					
Certificate	DE000CP07EU4	AEX 482TL 0319C	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000VA71QY8	AEX 482TL 0319V	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	DE000VA8F105	AEX 482TL 1218V	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	DE000CY165F9	AEX 482TL OPENC	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	DE000CY0AXA9	AEX 482TL OPENC	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CY0AWM6	AEX 482TL OPENC	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	LU1732548570	AEX 482TL OPENS	EUR											
Certificate	DE000VA6EBG6	AEX 482TL OPENV	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	DE000VA6EBH4	AEX 483TL OPENV	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	DE000CP07ET6	AEX 484TL 0319C	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000VA71QZ5	AEX 484TL 0319V	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000CJ3N7B6	AEX 484TL 1218Z	EUR	3,7260	3,7260	3,7260			3,7260					
Certificate	DE000CY165G7	AEX 484TL OPENC	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	DE000CY0AYD1	AEX 484TL OPENC	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	DE000VA6EBJ0	AEX 484TL OPENV	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	DE000VA3ZYLO	AEX 485TL 1218V	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000CY0AYE9	AEX 485TL OPENC	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	DE000CY165H5	AEX 485TL OPENC	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	DE000VA6EBK8	AEX 485TL OPENV	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	DE000CP07ES8	AEX 486TL 0319C	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000VA71Q09	AEX 486TL 0319V	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000VA3ZYN6	AEX 486TL 1218V	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	DE000CJ3PPX8	AEX 486TL 1218Z	EUR	3,5280	3,5280	3,5280			3,5280					
Certificate	DE000CY16553	AEX 486TL OPENC	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	DE000VA6EBL6	AEX 486TL OPENV	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000VA3ZYQ9	AEX 487TL 1218V	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	NL0012116909	AEX 487TL OPENB	EUR	5,1420	5,1420	4,4720	2571,0000	1	4,4720	500				
Certificate	DE000CY165J1	AEX 487TL OPENC	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	DE000CY165B8	AEX 487TL OPENC	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	DE000VA6EBM4	AEX 487TL OPENV	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	DE000CP07ER0	AEX 488TL 0319C	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	DE000VA7TD65	AEX 488TL 0319V	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	DE000VA3ZY55	AEX 488TL 1218V	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	DE000CV8A9T9	AEX 488TL 1218Z	EUR	3,3320	3,3320	3,3320			3,3320					
Certificate	DE000CY165N3	AEX 488TL OPENC	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	DE000VL76GE7	AEX 488TL OPENV	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	DE000VA6EBN2	AEX 488TL OPENV	EUR	4,3800	4,3800	4,3800			4,3800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA3ZYU1	AEX 489TL 1218V	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000CY165Q6	AEX 489TL OPENC	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	DE000VAGEBP7	AEX 489TL OPENV	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	DE000CP06R61	AEX 490TL 0319C	EUR	3,5100	3,5100	3,1000	877,5000	1	3,1000	250				
Certificate	DE000VA77CH8	AEX 490TL 0319V	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000VA3ZYW7	AEX 490TL 1218V	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000C3PPY6	AEX 490TL 1218Z	EUR	3,1350	3,1350	3,1350			3,1350					
Certificate	DE000CY165K9	AEX 490TL OPENC	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000VAGEBQ5	AEX 490TL OPENV	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	DE000VA3ZYY3	AEX 491TL 1218V	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000CY165L7	AEX 491TL OPENC	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	DE000CY165S2	AEX 491TL OPENC	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	DE000VAGEBR3	AEX 491TL OPENV	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000CP07EQ2	AEX 492TL 0319C	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000VA77CL0	AEX 492TL 0319V	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000VA3ZY09	AEX 492TL 1218V	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000C3N260	AEX 492TL 1218Z	EUR	3,4460	3,5260	2,9110	30284,6800	13	2,9390	9110				
Certificate	DE000CY165W4	AEX 492TL OPENC	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	DE000VA3ZY25	AEX 493TL 1218V	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CY16A42	AEX 493TL OPENC	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	DE000CY165X2	AEX 493TL OPENC	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	DE000CP07EP4	AEX 494TL 0319C	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000VA77CM8	AEX 494TL 0319V	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	DE000VA3ZY41	AEX 494TL 1218V	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000C3PH11	AEX 494TL 1218Z	EUR	2,7440	2,7440	2,7440			2,7440					
Certificate	DE000CY16A00	AEX 494TL OPENC	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	NL0011806435	AEX 495OC1218B	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	DE000CP06R53	AEX 495TL 0319C	EUR	2,9000	2,9000	2,6300	493,0000	1	2,6300	170				
Certificate	DE000VA8F444	AEX 495TL 0319V	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000VA3ZY66	AEX 495TL 1218V	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CY16A18	AEX 495TL OPENC	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	DE000CY16A59	AEX 495TL OPENC	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	DE000CP07EN9	AEX 496TL 0319C	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000VA7PW25	AEX 496TL 0319V	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000VA3ZY82	AEX 496TL 1218V	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	DE000CV8A9U7	AEX 496TL 1218Z	EUR	2,6340	2,6340	2,5500	15803,9900	4	2,5500	6000				
Certificate	DE000VA8F2F2	AEX 497TL 0319V	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000VA3ZZA0	AEX 497TL 1218V	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	DE000CY16A67	AEX 497TL OPENC	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000CP07EM1	AEX 498TL 0319C	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	DE000VA7PW41	AEX 498TL 0319V	EUR	2,9000	2,9000	2,3600	1537,0000	1	2,3600	530				
Certificate	DE000VA3ZZC6	AEX 498TL 1218V	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	DE000C3PQF3	AEX 498TL 1218Z	EUR	2,3570	2,3570	2,3570			2,3570					
Certificate	DE000CY16DQ7	AEX 498TL OPENC	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0012374912	AEX 498TL OPENV	EUR	3,6800	3,6800	3,0100	64780,0000	5	3,0100	21000				
Certificate	DE000VA3ZZE2	AEX 499TL 1218V	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	DE000CY16A91	AEX 499TL OPENC	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	DE000CY16DR5	AEX 499TL OPENC	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	DE000VL76CT4	AEX 499TL OPENV	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	DE000CP06R46	AEX 500TL 0319C	EUR	2,6000	2,7000	2,1700	1352,8000	3	2,1700	510				
Certificate	DE000VA7PW58	AEX 500TL 0319V	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CP06LJ4	AEX 500TL 1218C	EUR	2,7000	2,7300	2,2200	4290,4500	5	2,2200	1615				
Certificate	DE000VA3ZZG7	AEX 500TL 1218V	EUR	2,6600	2,6600	2,1800	266,0000	1	2,1800	100				
Certificate	DE000C3PQG1	AEX 500TL 1218Z	EUR	2,1640	2,1640	2,1640			2,1640					
Certificate	DE000CY16D53	AEX 500TL OPENC	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	DE000VL76CU2	AEX 500TL OPENV	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	DE000CQ58YE6	AEX 501TL 0319C	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	DE000CP06R38	AEX 501TL 0319C	EUR											
Certificate	DE000CP23086	AEX 501TL OPENC	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	DE000CY16DT1	AEX 501TL OPENC	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	DE000CY16E30	AEX 501TL OPENC	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	DE000CQ58Y50	AEX 501TL OPENC	EUR	2,8500	2,8500	2,2300	214,0000	2	2,2300	80				
Certificate	DE000VL9VX62	AEX 501TL OPENV	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000VL76CV0	AEX 501TL OPENV	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000CQ58Y68	AEX 501TS 0319C	EUR											
Certificate	DE000CQ58YF3	AEX 502TL 0319C	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	DE000VA80H90	AEX 502TL 0319V	EUR											
Certificate	DE000CP06LK2	AEX 502TL 1218C	EUR											
Certificate	DE000VA80H41	AEX 502TL 1218V	EUR											
Certificate	DE000C3N7C4	AEX 502TL 1218Z	EUR											
Certificate	DE000C3PUD0	AEX 502TL 1218Z	EUR	1,9720	1,9720	1,9720			1,9720					
Certificate	DE000CQ58Y76	AEX 502TL OPENC	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	DE000VA80JC0	AEX 502TL OPENV	EUR											
Certificate	DE000CP06R20	AEX 503TL 0319C	EUR											
Certificate	DE000CY16HH7	AEX 503TL OPENC	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	DE000CQ58Y84	AEX 503TL OPENC	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CP23094	AEX 503TL OPENC	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000CY16DV7	AEX 503TL OPENC	EUR	4,0500	4,2200	3,4300	72862,4200	164		18141				
Certificate	NL0012437578	AEX 503TL OPENH	EUR											
Certificate	DE000VL76CW8	AEX 503TL OPENV	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	DE000VL76PI7	AEX 503TL OPENV	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	DE000CQ58YG1	AEX 504TL 0319C	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000VA80JA4	AEX 504TL 0319V	EUR											
Certificate	DE000VA80HS8	AEX 504TL 1218V	EUR											
Certificate	DE000CJ3PU8	AEX 504TL 1218Z	EUR	1,7810	1,7810	1,7810			1,7810					
Certificate	DE000CV8A9V5	AEX 504TL 1218Z	EUR											
Certificate	DE000CQ58Y92	AEX 504TL OPENC	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000VA80JD8	AEX 504TL OPENV	EUR											
Certificate	DE000CQ58YH9	AEX 505TL 0319C	EUR	1,7000	1,7100	1,7000	173,4000	1	1,7100	102				
Certificate	DE000CP230A3	AEX 505TL OPENC	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	DE000CY16HC8	AEX 505TL OPENC	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000CY16HJ3	AEX 505TL OPENC	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000CQ58YA4	AEX 505TL OPENC	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	LU1732547176	AEX 505TL OPENS	EUR											
Certificate	DE000VL61QM1	AEX 505TL OPENV	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000VN66F12	AEX 505TL OPENV	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000CQ58YJ5	AEX 506TL 0319C	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000VA80H74	AEX 506TL 0319V	EUR											
Certificate	DE000VA80H66	AEX 506TL 1218V	EUR											
Certificate	DE000CJ3PUF5	AEX 506TL 1218Z	EUR	2,0870	2,2180	1,5910	1443,4500	4	1,5910	750				
Certificate	DE000CY50EC4	AEX 506TL OPENC	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000CY16HD6	AEX 506TL OPENC	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000CY16N05	AEX 506TL OPENC	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	DE000CY16MW6	AEX 506TL OPENC	EUR	3,7300	3,7300	3,1000	55850,0000	9	3,2100	17000				
Certificate	DE000CY15W0	AEX 506TL OPENC	EUR	2,4600	2,4600	2,4400	49,2000	1	2,4400	20				
Certificate	DE000CY15L3	AEX 506TL OPENC	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	DE000CQ58YB2	AEX 506TL OPENC	EUR	1,8600	1,8600	1,6900	1860,0000	1	1,6900	1000				
Certificate	DE000VA80JE6	AEX 506TL OPENV	EUR											
Certificate	DE000VL61QN9	AEX 506TL OPENV	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000VA80H82	AEX 507TL 0319V	EUR											
Certificate	DE000CY16MX4	AEX 507TL OPENC	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	DE000CY15M1	AEX 507TL OPENC	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	DE000CQ58YCO	AEX 507TL OPENC	EUR	2,1000	2,1000	1,5900	871,8500	2	1,5900	470				
Certificate	DE000CP230B1	AEX 507TL OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CY15X8	AEX 507TL OPENC	EUR	2,9900	2,9900	2,3400	2731,0000	4	2,3400	1000				
Certificate	DE000VL61QP4	AEX 507TL OPENV	EUR											
Certificate	DE000VN66F38	AEX 507TL OPENV	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	DE000CQ58YK3	AEX 508TL 0319C	EUR	2,0000	2,0400	1,3400	1673,6000	8	1,4400	1030				
Certificate	DE000VA87ED4	AEX 508TL 1218V	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CJ3PWU0	AEX 508TL 1218Z	EUR	1,4040	1,4040	1,4040			1,4040					
Certificate	DE000CQ58YD8	AEX 508TL OPENC	EUR	2,0100	2,1900	1,3300	8908,5300	18	1,4900	5086				
Certificate	DE000CY16N13	AEX 508TL OPENC	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	DE000CY15Y6	AEX 508TL OPENC	EUR											
Certificate	DE000CY15N9	AEX 508TL OPENC	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	DE000CY50JE9	AEX 508TL OPENC	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000VL61QQ2	AEX 508TL OPENV	EUR											
Certificate	DE000VA80JF3	AEX 508TL OPENV	EUR											
Certificate	DE000CP23045	AEX 509TL 0319C	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000VA87EJ1	AEX 509TL 0319V	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CY16QE5	AEX 509TL OPENC	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000CP230C9	AEX 509TL OPENC	EUR	1,7700	1,7700	1,7700			1,7700					
Certificate	DE000CP23003	AEX 509TL OPENC	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CY19A8	AEX 509TL OPENC	EUR											
Certificate	DE000CY15P4	AEX 509TL OPENC	EUR											
Certificate	DE000VL61QR0	AEX 509TL OPENV	EUR											
Certificate	DE000VL76PK5	AEX 509TL OPENV	EUR											
Certificate	DE000CP23052	AEX 510TL 0319C	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000VA87EM5	AEX 510TL 0319V	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000VA87EE2	AEX 510TL 1218V	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CY16N21	AEX 510TL OPENC	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	DE000CY16R19	AEX 510TL OPENC	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000CP230D7	AEX 510TL OPENC	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	DE000CY16QQ9	AEX 510TL OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CY19B6	AEX 510TL 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	DE000CP23011	AEX 510TL OPENC	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CY16QL0	AEX 510TL OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CY515Q2	AEX 510TL OPENC	EUR											
Certificate	DE000VL37N44	AEX 510TL OPENV	EUR											
Certificate	DE000VA80JG1	AEX 510TL OPENV	EUR											
Certificate	DE000CQ58Y43	AEX 510TS OPENC	EUR											
Certificate	NL0013126238	AEX 510TS OPENH	EUR											
Certificate	DE000CP23060	AEX 511TL 0319C	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CP230E5	AEX 511TL OPENC	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CY515R0	AEX 511TL OPENC	EUR											
Certificate	DE000CY519C4	AEX 511TL OPENC	EUR											
Certificate	DE000CP23029	AEX 511TL OPENC	EUR	1,7600	1,7600	1,1900	79,2000	1	1,1900	45				
Certificate	NL0013126220	AEX 511TS OPENH	EUR											
Certificate	DE000CP23078	AEX 512TL 0319C	EUR	1,5000	1,5500	1,0800	861,2000	3	1,0800	570				
Certificate	DE000CP23037	AEX 512TL OPENC	EUR	1,2000	1,2600	1,0900	1446,8000	3	1,0900	1180				
Certificate	DE000VA87ER4	AEX 512TL OPENV	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0013126212	AEX 512TS OPENH	EUR											
Certificate	DE000CP230F2	AEX 513TL OPENC	EUR	1,9000	1,9000	1,3700	783,5000	6	1,3700	450				
Certificate	DE000CQ58Y01	AEX 513TS OPENC	EUR											
Certificate	DE000CQ58Y35	AEX 513TS OPENC	EUR											
Certificate	NL0013126204	AEX 513TS OPENH	EUR											
Certificate	LU1732547259	AEX 514TL OPENS	EUR											
Certificate	DE000CQ58Y19	AEX 514TS 0319C	EUR											
Certificate	DE000CQ58XZ3	AEX 514TS OPENC	EUR											
Certificate	NL0013126196	AEX 514TS OPENH	EUR											
Certificate	DE000CP230G0	AEX 515TL OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CQ58XY6	AEX 515TS 0319C	EUR											
Certificate	DE000CQ58Y27	AEX 515TS OPENC	EUR											
Certificate	DE000CQ58XV2	AEX 515TS OPENC	EUR											
Certificate	NL0013126188	AEX 515TS OPENH	EUR											
Certificate	DE000CQ58XX8	AEX 516TS 0319C	EUR											
Certificate	DE000CJ3PP23	AEX 516TS 1218Z	EUR											
Certificate	DE000CQ58XU4	AEX 516TS OPENC	EUR											
Certificate	NL0013087141	AEX 516TS OPENH	EUR											
Certificate	DE000VA8F493	AEX 516TS OPENV	EUR											
Certificate	DE000CP230H8	AEX 517TL OPENC	EUR	1,5800	1,5800	0,8600	78435,1500	39	1,0100	64081				
Certificate	DE000CQ58XT6	AEX 517TS OPENC	EUR											
Certificate	DE000CP07EK5	AEX 517TS OPENC	EUR											
Certificate	NL0013087133	AEX 517TS OPENH	EUR											
Certificate	DE000CQ58XW0	AEX 518TS 0319C	EUR											
Certificate	DE000VA8F485	AEX 518TS 0319V	EUR											
Certificate	DE000VA8F436	AEX 518TS 1218V	EUR											
Certificate	DE000CP07E23	AEX 518TS OPENC	EUR											
Certificate	NL0013087125	AEX 518TS OPENH	EUR											
Certificate	DE000VA8F2V9	AEX 518TS OPENV	EUR											
Certificate	LU1732547333	AEX 519TL OPENS	EUR											
Certificate	DE000VA8F2T3	AEX 519TS 0319V	EUR											
Certificate	DE000CP07EY6	AEX 519TS OPENC	EUR											
Certificate	NL0013087109	AEX 519TS OPENH	EUR											
Certificate	NL0013087117	AEX 519TS OPENH	EUR											
Certificate	DE000CP07EC2	AEX 520TS 0319C	EUR											
Certificate	DE000VA8F2U1	AEX 520TS 0319V	EUR											
Certificate	DE000VA8F188	AEX 520TS 1218V	EUR											
Certificate	DE000CP07EJ7	AEX 520TS OPENC	EUR											
Certificate	DE000CP07DZ5	AEX 520TS OPENC	EUR											
Certificate	NL0013087091	AEX 520TS OPENH	EUR											
Certificate	DE000VA8F2W7	AEX 520TS OPENV	EUR											
Certificate	DE000CP07DY8	AEX 521TS OPENC	EUR											
Certificate	NL0013087083	AEX 521TS OPENH	EUR											
Certificate	DE000CP07EB4	AEX 522TS 0319C	EUR											
Certificate	DE000VA8F2B1	AEX 522TS 1218V	EUR											
Certificate	DE000CJ3PP29	AEX 522TS 1218Z	EUR											
Certificate	DE000CP07DX0	AEX 522TS OPENC	EUR											
Certificate	NL0013087075	AEX 522TS OPENH	EUR											
Certificate	DE000VA8FWP6	AEX 522TS OPENV	EUR											
Certificate	DE000VA8FYC0	AEX 523TS 0319V	EUR											
Certificate	DE000CP07DW2	AEX 523TS OPENC	EUR											
Certificate	DE000CP07EH1	AEX 523TS OPENC	EUR											
Certificate	NL0013087067	AEX 523TS OPENH	EUR											
Certificate	DE000CP07EA6	AEX 524TS 0319C	EUR											
Certificate	DE000VA8FU85	AEX 524TS 0319V	EUR											
Certificate	DE000VA8FWY8	AEX 524TS 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	DE000CJ3PH29	AEX 524TS 1218Z	EUR											
Certificate	DE000CP07DV4	AEX 524TS OPENC	EUR											
Certificate	NL0013087059	AEX 524TS OPENH	EUR											
Certificate	DE000VA8FWR2	AEX 524TS OPENV	EUR											
Certificate	DE000CP07DU6	AEX 525TS OPENC	EUR											
Certificate	DE000CP07EG3	AEX 525TS OPENC	EUR											
Certificate	NL0013087042	AEX 525TS OPENH	EUR											
Certificate	DE000CP07E32	AEX 526TS 0319C	EUR											
Certificate	DE000VA8FVC6	AEX 526TS 0319V	EUR											
Certificate	DE000VA8FWZ5	AEX 526TS 1218V	EUR											
Certificate	DE000CJ3PH37	AEX 526TS 1218Z	EUR											
Certificate	DE000CP07D78	AEX 526TS OPENC	EUR											
Certificate	NL0013087034	AEX 526TS OPENH	EUR											
Certificate	DE000VA8FWS0	AEX 526TS OPENV	EUR											
Certificate	DE000CP07DS0	AEX 527TS OPENC	EUR											
Certificate	DE000CP07EF5	AEX 527TS OPENC	EUR											
Certificate	NL0013087026	AEX 527TS OPENH	EUR											
Certificate	DE000CP07E24	AEX 528TS 0319C	EUR											
Certificate	DE000VA8FVG7	AEX 528TS 0319V	EUR											
Certificate	DE000VA8FW00	AEX 528TS 1218V	EUR											
Certificate	DE000CJ3PH45	AEX 528TS 1218Z	EUR											
Certificate	DE000CP07DR2	AEX 528TS OPENC	EUR											
Certificate	NL0013087018	AEX 528TS OPENH	EUR	0,6800	0,6800	0,6800	8840,0000	1	0,6800	13000				
Certificate	DE000VA8FWT8	AEX 528TS OPENV	EUR											
Certificate	DE000CP06QM7	AEX 529TL 0319C	EUR											
Certificate	LU1784827005	AEX 529TL OPENS	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	DE000VA80JB2	AEX 529TS 0319V	EUR											
Certificate	DE000CP07DQ4	AEX 529TS OPENC	EUR											
Certificate	NL0013085996	AEX 529TS OPENH	EUR	0,7200	1,3900	0,7200	2336,0000	4	1,3900	2750				
Certificate	DE000CQ58QS2	AEX 530TL 1218C	EUR											
Certificate	DE000CP07E16	AEX 530TS 0319C	EUR	0,4700	1,1300	0,4700	2245,7200	5	1,0700	2126				
Certificate	DE000VA8FVK9	AEX 530TS 0319V	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000VA8FW18	AEX 530TS 1218V	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CJ3PH52	AEX 530TS 1218Z	EUR											
Certificate	DE000CP07EE8	AEX 530TS OPENC	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CP07DP6	AEX 530TS OPENC	EUR	0,3400	0,9700	0,1400	60899,4100	88	0,8300	127764				
Certificate	DE000VA8FWU6	AEX 530TS OPENV	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CP07DN1	AEX 531TS OPENC	EUR	0,3500	0,9300	0,3400	34412,5000	40	0,9300	52000				
Certificate	NL0013085988	AEX 531TS OPENH	EUR	0,9400	1,6500	0,9300	43262,0000	14	1,5900	32300				
Certificate	DE000CP07E08	AEX 532TS 0319C	EUR	1,2500	1,2900	1,1800	8748,0000	2	1,2900	7200				
Certificate	DE000VA8FVM5	AEX 532TS 0319V	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000VA8FW26	AEX 532TS 1218V	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CJ3PH60	AEX 532TS 1218Z	EUR	0,5100	1,2120	0,5100	11338,2000	7	1,2120	15700				
Certificate	DE000CP07DM3	AEX 532TS OPENC	EUR	0,3700	1,1000	0,3600	12135,7000	14	1,0300	15451				
Certificate	NL0013085970	AEX 532TS OPENH	EUR	1,0700	1,7200	1,0700	44829,0000	14	1,7000	34100				
Certificate	DE000VA8FWV4	AEX 532TS OPENV	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000CP07ED0	AEX 533TS OPENC	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000VA71Q41	AEX 534TS 0319V	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000VA71QN1	AEX 534TS 1218V	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CJ3PH78	AEX 534TS 1218Z	EUR	1,4190	1,4190	1,4190			1,4190					
Certificate	DE000CP06T02	AEX 534TS OPENC	EUR	0,7000	1,3200	0,5800	92662,2000	33	1,1800	112012				
Certificate	DE000CP06T85	AEX 535TS 0319C	EUR	0,9800	1,6100	0,9700	1557,0000	3	1,6100	1200				
Certificate	DE000CP06TF5	AEX 535TS OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CP06SZ5	AEX 535TS OPENC	EUR	0,8800	1,2800	0,7100	7975,9500	4	1,2800	8262				
Certificate	DE000VA71RD0	AEX 535TS OPENV	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CQ5ANH4	AEX 536TL OPENC	EUR											
Certificate	DE000VA71Q58	AEX 536TS 0319V	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	DE000VA71QP6	AEX 536TS 1218V	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CJ3PGG2	AEX 536TS 1218Z	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	DE000CP06SY8	AEX 536TS OPENC	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CQ5ANCS	AEX 537TL OPENC	EUR											
Certificate	DE000CQ5ANJ0	AEX 537TL OPENC	EUR											
Certificate	DE000VA8FSK5	AEX 537TS 0319V	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CP06SX0	AEX 537TS OPENC	EUR	1,0600	1,4800	1,0500	2175,2000	3	1,4800	1740				
Certificate	DE000VA71RE8	AEX 537TS OPENV	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000CP06T77	AEX 538TS 0319C	EUR	1,2000	1,9300	1,1900	265,2000	2	1,9300	204				
Certificate	DE000VA71Q66	AEX 538TS 0319V	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	DE000VA71Q04	AEX 538TS 1218V	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CJ3PD98	AEX 538TS 1218Z	EUR	1,3050	2,0000	1,2890	10270,0000	3	1,8310	6000				
Certificate	DE000CP06TE8	AEX 538TS OPENC	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000CP06SW2	AEX 538TS OPENC	EUR	0,9900	1,5800	0,9900	99,0000	1	1,5800	100				
Certificate	LU1784827187	AEX 539TL OPENS	EUR	0,1300	0,1300	0,1300			0,1300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA710Y8	AEX 539TS 0319V	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000VA71RF5	AEX 539TS OPENV	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0013110349	AEX 540BOC0919Z	EUR	51,7600	51,7600	51,7600			51,7600					
Certificate	NL0012648612	AEX 540BON0619Z	EUR	53,8500	53,8500	53,8500			53,8500					
Certificate	NL0012648604	AEX 540BON1218Z	EUR	54,1600	54,1600	54,1600			54,1600					
Certificate	NL0012648638	AEX 540BON1219Z	EUR	53,8400	53,8400	53,8400			53,8400					
Certificate	DE000CP06T69	AEX 540TS 0319C	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	DE000VA71Q74	AEX 540TS 0319V	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000VA71QR2	AEX 540TS 1218V	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CJ3N8R0	AEX 540TS 1218Z	EUR	2,0330	2,0330	2,0330			2,0330					
Certificate	DE000CP06TD0	AEX 540TS OPENC	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000CP06SU6	AEX 540TS OPENC	EUR	1,3000	1,7800	1,3000	1844,0000	3	1,7800	1400				
Certificate	LU1732547689	AEX 540TS OPENS	EUR											
Certificate	DE000CP06ST8	AEX 541TS OPENC	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000VA71RG3	AEX 541TS OPENV	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000CP06T51	AEX 542TS 0319C	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	DE000VA71Q82	AEX 542TS 0319V	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000VA71Q50	AEX 542TS 1218V	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000CJ3N7H3	AEX 542TS 1218Z	EUR	2,2370	2,2370	2,2370			2,2370					
Certificate	DE000CP06TC2	AEX 542TS OPENC	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000CP06SS0	AEX 542TS OPENC	EUR	1,3500	1,9800	1,3500	2950,0000	2	1,9800	2000				
Certificate	LU1840959479	AEX 543TPIOFENS	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CP06SR2	AEX 543TS OPENC	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	DE000VA71RH1	AEX 543TS OPENV	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000VA3TKW9	AEX 544TL OPENV	EUR											
Certificate	DE000VA71Q90	AEX 544TS 0319V	EUR	2,5400	2,5400	2,5400			2,5400					
Certificate	DE000VA71QT8	AEX 544TS 1218V	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	DE000CJ3PD07	AEX 544TS 1218Z	EUR	2,4380	2,4380	2,4380			2,4380					
Certificate	DE000CP06SQ4	AEX 544TS OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	NL0012795421	AEX 545DIS0619Z	EUR	50,4800	50,4800	50,4800			50,4800					
Certificate	DE000CQ58MH4	AEX 545TL OPENC	EUR											
Certificate	DE000CP06SP6	AEX 545TS 0319C	EUR	2,1200	2,6600	2,0300	1528,8500	4	2,6600	730				
Certificate	DE000VA71Y58	AEX 545TS 0319V	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CP06TB4	AEX 545TS OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CP06SN1	AEX 545TS OPENC	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	DE000VA77CW7	AEX 545TS OPENV	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	DE000CQ5AY69	AEX 546TL OPENC	EUR											
Certificate	DE000CQ58MJ0	AEX 546TL OPENC	EUR											
Certificate	DE000CY52DQ2	AEX 546TL OPENC	EUR											
Certificate	DE000VA1SVV4	AEX 546TL OPENV	EUR											
Certificate	DE000CP06SM3	AEX 546TS 0319C	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	DE000VA77D40	AEX 546TS 1218V	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000CJ3N286	AEX 546TS 1218Z	EUR	1,9950	2,6460	1,9950	14185,0100	5	2,6380	6000				
Certificate	DE000CP06S94	AEX 546TS OPENC	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	DE000CP06SJ9	AEX 546TS OPENC	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000CY52DR0	AEX 547TL OPENC	EUR											
Certificate	DE000CQ5AY77	AEX 547TL OPENC	EUR											
Certificate	DE000CQ58MK8	AEX 547TL OPENC	EUR											
Certificate	DE000VA77EB7	AEX 547TS 0319V	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	DE000CP06S86	AEX 547TS OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CY528L6	AEX 547TS OPENC	EUR											
Certificate	DE000CP06SH3	AEX 547TS OPENC	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000VA77CX5	AEX 547TS OPENV	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000VA4RMV9	AEX 548TL 1218V	EUR											
Certificate	DE000CQ5AVV8	AEX 548TL OPENC	EUR											
Certificate	DE000CQ5AY85	AEX 548TL OPENC	EUR											
Certificate	DE000CY52DS8	AEX 548TL OPENC	EUR											
Certificate	DE000CQ58ML6	AEX 548TL OPENC	EUR											
Certificate	DE000CP06SL5	AEX 548TS 0319C	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	DE000VA77CR7	AEX 548TS 0319V	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000VA77B26	AEX 548TS 1218V	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000CJ3N294	AEX 548TS 1218Z	EUR	2,8370	2,8370	2,8370			2,8370					
Certificate	DE000CP06S78	AEX 548TS OPENC	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	DE000CP06SG5	AEX 548TS OPENC	EUR	2,4900	2,5600	2,4800	498,0000	1	2,5600	200				
Certificate	DE000CY528K8	AEX 548TS OPENC	EUR											
Certificate	DE000CQ5AY93	AEX 549TL OPENC	EUR											
Certificate	DE000CQ58MM4	AEX 549TL OPENC	EUR											
Certificate	DE000CY52DT6	AEX 549TL OPENC	EUR											
Certificate	DE000CQ5AVW6	AEX 549TL OPENC	EUR											
Certificate	DE000CP068Q3	AEX 549TS 1218C	EUR											
Certificate	DE000CP068C3	AEX 549TS OPENC	EUR											
Certificate	DE000CY528J0	AEX 549TS 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	DE000CP06S7	AEX 549TS OPENC	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	DE000CP068X9	AEX 549TS OPENC	EUR											
Certificate	DE000CP06S60	AEX 549TS OPENC	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000VA77CY3	AEX 549TS OPENV	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	NL0012146104	AEX 5508OC1218Z	EUR	54,9000	54,9000	54,9000			54,9000					
Certificate	NL0012795868	AEX 5508ON0619Z	EUR	52,0600	52,0600	52,0600			52,0600					
Certificate	NL0012795447	AEX 550DIS1219Z	EUR	49,7200	49,7200	49,7200			49,7200					
Certificate	DE000CQ5AYE8	AEX 550TL OPENC	EUR											
Certificate	DE000CQ5AVX4	AEX 550TL OPENC	EUR											
Certificate	DE000CQ5AYP4	AEX 550TL OPENC	EUR											
Certificate	DE000CQ58CW4	AEX 550TL OPENC	EUR											
Certificate	DE000CP06SK7	AEX 550TS 0319C	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	DE000VA77CT3	AEX 550TS 0319V	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	DE000CP068P5	AEX 550TS 1218C	EUR											
Certificate	DE000VA77B42	AEX 550TS 1218V	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	DE000CJ3N104	AEX 550TS 1218Z	EUR	2,3700	3,0360	2,3700	7609,6000	2	3,0360	3200				
Certificate	DE000CP068W1	AEX 550TS OPENC	EUR											
Certificate	DE000CP06S52	AEX 550TS OPENC	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	DE000CQ58KA3	AEX 550TS OPENC	EUR											
Certificate	DE000CP06SE0	AEX 550TS OPENC	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000CY527G8	AEX 550TS OPENC	EUR											
Certificate	DE000CP066Y1	AEX 550TS OPENC	EUR											
Certificate	DE000CQ5AYF5	AEX 551TL OPENC	EUR											
Certificate	DE000CQ58CS2	AEX 551TL OPENC	EUR											
Certificate	DE000CQ58CX2	AEX 551TL OPENC	EUR											
Certificate	DE000CP06S45	AEX 551TS OPENC	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	DE000CP068V3	AEX 551TS OPENC	EUR											
Certificate	DE000CP06SD2	AEX 551TS OPENC	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000VA77CZ0	AEX 551TS OPENV	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000CQ58CY0	AEX 552TL OPENC	EUR											
Certificate	DE000CQ58CT0	AEX 552TL OPENC	EUR											
Certificate	DE000CP06S11	AEX 552TS 0319C	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	DE000VA77CV9	AEX 552TS 0319V	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000VA77B59	AEX 552TS 1218V	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	DE000CJ3N112	AEX 552TS 1218Z	EUR	3,2350	3,2350	3,2350			3,2350					
Certificate	DE000CP06SC4	AEX 552TS OPENC	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	DE000CP06S37	AEX 552TS OPENC	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	DE000CQ58CU8	AEX 553TL OPENC	EUR											
Certificate	DE000CQ58D48	AEX 553TL OPENC	EUR											
Certificate	DE000CP06S03	AEX 553TS 0319C	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000CP06S86	AEX 553TS OPENC	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	DE000CP06S29	AEX 553TS OPENC	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000VA77PM2	AEX 553TS OPENV	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000CQ58CV6	AEX 554TL OPENC	EUR											
Certificate	DE000CP06R27	AEX 554TS 0319C	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000VA77XE9	AEX 554TS 0319V	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	DE000VA77B75	AEX 554TS 1218V	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000CJ3NZ27	AEX 554TS 1218Z	EUR	3,4340	3,4340	3,4340			3,4340					
Certificate	DE000CP06SA8	AEX 554TS OPENC	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	DE000CY528B7	AEX 554TS OPENC	EUR											
Certificate	LU1732547416	AEX 554TS OPENS	EUR											
Certificate	DE000CQ58G37	AEX 555TL OPENC	EUR											
Certificate	DE000CQ58D14	AEX 555TL OPENC	EUR											
Certificate	DE000VA77PG4	AEX 555TS 0319V	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	DE000CP068J8	AEX 555TS 1218C	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CP068R1	AEX 555TS OPENC	EUR	2,6100	3,1700	2,6100	360,1800	1	3,1700	138				
Certificate	DE000CP066G8	AEX 555TS OPENC	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	DE000CQ58G78	AEX 556TL OPENC	EUR											
Certificate	DE000CQ58G45	AEX 556TL OPENC	EUR											
Certificate	DE000VA77PXJ8	AEX 556TS 0319V	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000CP06701	AEX 556TS 1218C	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	DE000VA6D8D8	AEX 556TS 1218V	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	DE000CJ3NZ03	AEX 556TS 1218Z	EUR	3,6330	3,6330	3,6330			3,6330					
Certificate	DE000CP06727	AEX 556TS OPENC	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	DE000CP066F0	AEX 556TS OPENC	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000VA6D765	AEX 556TS OPENV	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000CQ58G86	AEX 557TL OPENC	EUR											
Certificate	DE000CP066Z8	AEX 557TS 1218C	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000CP06719	AEX 557TS OPENC	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000CP066E3	AEX 557TS OPENC	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000VA6D773	AEX 557TS OPENV	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	DE000VA77PL4	AEX 558TS 0319V	EUR	3,9700	3,9700	3,9700			3,9700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP066N4	AEX 558TS 1218C	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	DE000VAGD8E6	AEX 558TS 1218V	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000CV8BAD5	AEX 558TS 1218Z	EUR	3,8320	3,8320	3,8320			3,8320					
Certificate	DE000CP066V7	AEX 558TS OPENC	EUR	2,8300	3,4500	2,8200	370,2000	2	3,4500	120				
Certificate	DE000CP066D5	AEX 558TS OPENC	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	DE000VAGD781	AEX 558TS OPENV	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	DE000CP066U9	AEX 559TS OPENC	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CP066C7	AEX 559TS OPENC	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	DE000CQ58GX3	AEX 559TS OPENC	EUR											
Certificate	DE000VAGD5E2	AEX 559TS OPENV	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000CP066M6	AEX 560TS 1218C	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	DE000VAGD8F3	AEX 560TS 1218V	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	DE000CJ3NYG0	AEX 560TS 1218Z	EUR	4,0310	4,0310	4,0310			4,0310					
Certificate	DE000CQ58GW5	AEX 560TS OPENC	EUR											
Certificate	DE000CP066B9	AEX 560TS OPENC	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000CP066T1	AEX 560TS OPENC	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	DE000VAGD5F9	AEX 560TS OPENV	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	DE000VA7PVT1	AEX 561TS 0319V	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	DE000CP066S3	AEX 561TS OPENC	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000CP066A1	AEX 561TS OPENC	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	DE000VAGD5G7	AEX 561TS OPENV	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	DE000VA7PVU9	AEX 562TS 0319V	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000CP066L8	AEX 562TS 1218C	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	DE000VAGD5W4	AEX 562TS 1218V	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	DE000CJ3NYH8	AEX 562TS 1218Z	EUR	4,2320	4,2320	4,2320			4,2320					
Certificate	NL0012994172	AEX 562TS OPENB	EUR	4,7200	5,1860	4,7150	14731,5000	2	5,1860	3000				
Certificate	DE000CP06693	AEX 562TS OPENC	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	DE000CP066R5	AEX 562TS OPENC	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	NL0013087935	AEX 562TS OPENH	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	DE000VAGD5H5	AEX 562TS OPENV	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	DE000VA7PRH4	AEX 563TS 0319V	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	NL0012988992	AEX 563TS OPENB	EUR	4,8880	5,2940	4,8780	244,4000	1	5,2940	50				
Certificate	DE000CP066Q7	AEX 563TS OPENC	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000CP06487	AEX 563TS OPENC	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	DE000VAGD511	AEX 563TS OPENV	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	DE000VA7PRK8	AEX 564TS 0319V	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	DE000CP066K0	AEX 564TS 1218C	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	DE000VAGD5X2	AEX 564TS 1218V	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	DE000CJ3NVY9	AEX 564TS 1218Z	EUR	4,4310	4,4310	4,4310			4,4310					
Certificate	NL0012989016	AEX 564TS OPENB	EUR	5,3950	5,3950	5,3950			5,3950					
Certificate	DE000CP066P9	AEX 564TS OPENC	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	DE000CP06479	AEX 564TS OPENC	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	DE000VAGD5K9	AEX 564TS OPENV	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	DE000CP06R79	AEX 565TS 0319C	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	DE000CP06461	AEX 565TS OPENC	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000CY52UM5	AEX 565TS OPENC	EUR											
Certificate	DE000VA7PRM4	AEX 566TS 0319V	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	DE000CQ585T6	AEX 566TS 1218C	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	DE000VASFZ1	AEX 566TS 1218V	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	DE000CV8B8N3	AEX 566TS 1218Z	EUR	4,6310	4,6310	4,6310			4,6310					
Certificate	NL0012989032	AEX 566TS OPENB	EUR	5,5990	5,5990	5,5990			5,5990					
Certificate	DE000CP06453	AEX 566TS OPENC	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	DE000CY525R8	AEX 566TS OPENC	EUR											
Certificate	DE000CP06R87	AEX 567TS 0319C	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	DE000VASF00	AEX 567TS 1218V	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	DE000CP06446	AEX 567TS OPENC	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	DE000CQ585P4	AEX 567TS OPENC	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000CY52SQ0	AEX 567TS OPENC	EUR											
Certificate	DE000VASFGB0	AEX 567TS OPENV	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	DE000VA7PRO5	AEX 568TS 0319V	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	DE000CQ585S8	AEX 568TS 1218C	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	DE000VASF18	AEX 568TS 1218V	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	DE000CV8B8P8	AEX 568TS 1218Z	EUR	4,8320	4,8320	4,8320			4,8320					
Certificate	DE000CQ585N9	AEX 568TS OPENC	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	DE000CP06438	AEX 568TS OPENC	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	DE000VAFSGC8	AEX 568TS OPENV	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	DE000CP06R95	AEX 569TS 0319C	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	DE000VASF26	AEX 569TS 1218V	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	NL0012988596	AEX 569TS OPENB	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	DE000CP06420	AEX 569TS OPENC	EUR	4,9700	4,9700	4,9700			4,9700					
Certificate	DE000CQ585M1	AEX 569TS OPENC	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	DE000VAFSDS1	AEX 569TS OPENV	EUR	5,3900	5,3900	5,3900			5,3900					



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	NL0012795157	AEX 5708OC0319Z	EUR	55,8200	55,8200	55,8200			55,8200					
Certificate	NL0012795876	AEX 5708ON0919Z	EUR	52,0200	52,0200	52,0200			52,0200					
Certificate	DE000CP06RA0	AEX 570TS 0319C	EUR	5,2300	5,2300	5,2300				5,2300				
Certificate	DE000VA7PRR3	AEX 570TS 0319V	EUR	5,1700	5,1700	5,1700				5,1700				
Certificate	DE000CQ58SR0	AEX 570TS 1218C	EUR	5,0400	5,0400	5,0400				5,0400				
Certificate	DE000VASRF34	AEX 570TS 1218V	EUR	4,9900	4,9900	4,9900				4,9900				
Certificate	DE000CV8AXC1	AEX 570TS 1218Z	EUR	5,0310	5,0310	5,0310				5,0310				
Certificate	DE000CQ58C07	AEX 570TS OPENC	EUR											
Certificate	DE000CQ58CA0	AEX 570TS OPENC	EUR											
Certificate	DE000CP06412	AEX 570TS OPENC	EUR	5,0700	5,0700	5,0700				5,0700				
Certificate	DE000CQ58BH7	AEX 570TS OPENC	EUR											
Certificate	DE000CQ58SL3	AEX 570TS OPENC	EUR	4,5200	4,5200	4,5200				4,5200				
Certificate	DE000VASRDT9	AEX 570TS OPENV	EUR	5,4900	5,4900	5,4900				5,4900				
Certificate	DE000CP06RB8	AEX 571TS 0319C	EUR	5,3300	5,3300	5,3300				5,3300				
Certificate	DE000VASRF42	AEX 571TS 1218V	EUR	5,0800	5,0800	5,0800				5,0800				
Certificate	DE000CP06404	AEX 571TS OPENC	EUR	5,1700	5,1700	5,1700				5,1700				
Certificate	DE000CQ58S66	AEX 571TS OPENC	EUR	4,6100	4,6100	4,6100				4,6100				
Certificate	DE000VASRDU7	AEX 571TS OPENV	EUR	5,5900	5,5900	5,5900				5,5900				
Certificate	DE000VA7PRS1	AEX 572TS 0319V	EUR	5,3700	5,3700	5,3700				5,3700				
Certificate	DE000CQ58S82	AEX 572TS 1218C	EUR	5,2400	5,2400	5,2400				5,2400				
Certificate	DE000VASRC45	AEX 572TS 1218V	EUR	5,1800	5,1800	5,1800				5,1800				
Certificate	DE000CV8AW68	AEX 572TS 1218Z	EUR	5,2310	5,2310	5,2310				5,2310				
Certificate	DE000CQ58S58	AEX 572TS OPENC	EUR	4,7100	4,7100	4,7100				4,7100				
Certificate	DE000CP063Z5	AEX 572TS OPENC	EUR	5,2700	5,2700	5,2700				5,2700				
Certificate	DE000VASRDV5	AEX 572TS OPENV	EUR	5,7000	5,7000	5,7000				5,7000				
Certificate	DE000CP06RC6	AEX 573TS 0319C	EUR	5,5300	5,5300	5,5300				5,5300				
Certificate	DE000VASRC60	AEX 573TS 1218V	EUR	5,2800	5,2800	5,2800				5,2800				
Certificate	DE000CP063Y8	AEX 573TS OPENC	EUR	5,3700	5,3700	5,3700				5,3700				
Certificate	DE000VASRDW3	AEX 573TS OPENV	EUR	5,8000	5,8000	5,8000				5,8000				
Certificate	DE000VA7PRT9	AEX 574TS 0319V	EUR	5,5700	5,5700	5,5700				5,5700				
Certificate	DE000VASRC52	AEX 574TS 1218V	EUR	5,3800	5,3800	5,3800				5,3800				
Certificate	DE000CV8B621	AEX 574TS 1218Z	EUR	5,4310	5,4310	5,4310				5,4310				
Certificate	DE000CP063X0	AEX 574TS OPENC	EUR	5,4700	5,4700	5,4700				5,4700				
Certificate	DE000VASRDX1	AEX 574TS OPENV	EUR	5,9000	5,9000	5,9000				5,9000				
Certificate	NL0012795439	AEX 575DIS0619Z	EUR	51,0000	51,0000	51,0000				51,0000				
Certificate	DE000CP06RD4	AEX 575TS 0319C	EUR	5,7400	5,7400	5,7400				5,7400				
Certificate	DE000CQ58S74	AEX 575TS 1218C	EUR	5,5400	5,5400	5,5400				5,5400				
Certificate	DE000VASRC78	AEX 575TS 1218V	EUR	5,4800	5,4800	5,4800				5,4800				
Certificate	DE000VA7PRU7	AEX 576TS 0319V	EUR	5,7700	5,7700	5,7700				5,7700				
Certificate	DE000VASRC86	AEX 576TS 1218V	EUR	5,5800	5,5800	5,5800				5,5800				
Certificate	DE000CV8B6E6	AEX 576TS 1218Z	EUR	5,6310	5,6310	5,6310				5,6310				
Certificate	NL0012212971	AEX 576TS OPENH	EUR	6,1500	6,1500	6,1500				6,1500				
Certificate	DE000VAD03M0	AEX 576TS OPENV	EUR	6,2400	6,2400	6,2400				6,2400				
Certificate	DE000CP06RE2	AEX 577TS 0319C	EUR	5,9400	5,9400	5,9400				5,9400				
Certificate	DE000VA32XA5	AEX 577TS 1218V	EUR	5,6800	5,6800	5,6800				5,6800				
Certificate	DE000VA7PRV5	AEX 578TS 0319V	EUR	5,9700	5,9700	5,9700				5,9700				
Certificate	DE000VA3ZS49	AEX 578TS 1218V	EUR	5,7800	5,7800	5,7800				5,7800				
Certificate	DE000CV8AU94	AEX 578TS 1218Z	EUR	5,8310	5,8310	5,8310				5,8310				
Certificate	DE000CP06RF9	AEX 579TS 0319C	EUR	6,1400	6,1400	6,1400				6,1400				
Certificate	DE000VA3ZX83	AEX 579TS 1218V	EUR	5,8800	5,8800	5,8800				5,8800				
Certificate	NL0012795173	AEX 5808OC0619Z	EUR	55,5700	55,5700	55,5700				55,5700				
Certificate	NL0012795140	AEX 5808OC1218Z	EUR	56,5100	56,5100	56,5100				56,5100				
Certificate	NL0012236103	AEX 5808OC1218Z	EUR	57,9000	57,9000	57,9000				57,9000				
Certificate	NL0012648646	AEX 5808ON1219Z	EUR	54,7200	54,7200	54,7200				54,7200				
Certificate	DE000CP06RG7	AEX 580TS 0319C	EUR	6,2400	6,2400	6,2400				6,2400				
Certificate	DE000VA7PRW3	AEX 580TS 0319V	EUR	6,1800	6,1800	6,1800				6,1800				
Certificate	DE000CQ58QV6	AEX 580TS 1218C	EUR	6,0500	6,0500	6,0500				6,0500				
Certificate	DE000VA3ZS64	AEX 580TS 1218V	EUR	5,9800	5,9800	5,9800				5,9800				
Certificate	DE000CV8AU1	AEX 580TS 1218Z	EUR	6,0310	6,0310	6,0310				6,0310				
Certificate	NL0012987804	AEX 580TS OPENB	EUR	7,0230	7,0230	7,0230				7,0230				
Certificate	DE000CP06RH5	AEX 581TS 0319C	EUR	6,3400	6,3400	6,3400				6,3400				
Certificate	DE000VA3ZXC1	AEX 581TS 1218V	EUR	6,0800	6,0800	6,0800				6,0800				
Certificate	DE000VA7PRX1	AEX 582TS 0319V	EUR	6,3800	6,3800	6,3800				6,3800				
Certificate	DE000VA3ZS80	AEX 582TS 1218V	EUR	6,1800	6,1800	6,1800				6,1800				
Certificate	DE000CV8AUB9	AEX 582TS 1218Z	EUR	6,2310	6,2310	6,2310				6,2310				
Certificate	DE000CQ58H36	AEX 582TS OPENC	EUR	5,6100	5,6100	5,6100				5,6100				
Certificate	DE000CP06RJ1	AEX 583TS 0319C	EUR	6,5400	6,5400	6,5400				6,5400				
Certificate	DE000VA3ZXD9	AEX 583TS 1218V	EUR	6,2800	6,2800	6,2800				6,2800				
Certificate	DE000VA7PRY9	AEX 584TS 0319V	EUR	6,5800	6,5800	6,5800				6,5800				
Certificate	DE000VA3ZTA3	AEX 584TS 1218V	EUR	6,3800	6,3800	6,3800				6,3800				
Certificate	DE000CV8ARZ4	AEX 584TS 1218Z	EUR	6,4310	6,4310	6,4310				6,4310				
Certificate	NL0012494470	AEX 5858OC1218B	EUR	5,7700	5,7700	5,7300				5,7300				



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	DE000CP06RK9	AEX 585TS 0319C	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	DE000C058QW4	AEX 585TS 1218C	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	DE000VA32XE7	AEX 585TS 1218V	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	DE000VA15LH1	AEX 585TS OPENV	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	DE000VA7PRZ6	AEX 586TS 0319V	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	DE000VA32XF4	AEX 586TS 1218V	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	DE000CV8AS07	AEX 586TS 1218Z	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	DE000C058H28	AEX 586TS OPENC	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	DE000CP06RL7	AEX 587TS 0319C	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	DE000VA32XG2	AEX 587TS 1218V	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	DE000VA7PR06	AEX 588TS 0319V	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	DE000VA32XH0	AEX 588TS 1218V	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	DE000CV8AQG6	AEX 588TS 1218Z	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	DE000CP06RM5	AEX 589TS 0319C	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	DE000VA32XJ6	AEX 589TS 1218V	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	NL0012795199	AEX 590BOC0919Z	EUR	55,3300	55,3300	55,3300			55,3300					
Certificate	DE000CP06RN3	AEX 590TS 0319C	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	DE000VA7PR14	AEX 590TS 0319V	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	DE000C058QX2	AEX 590TS 1218C	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000VA32XK4	AEX 590TS 1218V	EUR	6,9800	6,9800	6,9800			6,9800					
Certificate	DE000CV8AQH4	AEX 590TS 1218Z	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	DE000C058H10	AEX 590TS OPENC	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	LU1784827690	AEX 590TS OPENS	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	DE000CP06RP8	AEX 591TS 0319C	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	DE000VA32XL2	AEX 591TS 1218V	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	DE000VA7PR30	AEX 592TS 0319V	EUR	7,3900	7,3900	7,3900			7,3900					
Certificate	DE000VA32XM0	AEX 592TS 1218V	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	DE000CV8AQJ0	AEX 592TS 1218Z	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000C058H02	AEX 592TS OPENC	EUR	6,6000	6,6000	6,6000			6,6000					
Certificate	DE000CP06RQ6	AEX 593TS 0319C	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	DE000VA32XN8	AEX 593TS 1218V	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	DE000VA7PR48	AEX 594TS 0319V	EUR	7,6000	7,6000	7,6000			7,6000					
Certificate	DE000VA32XP3	AEX 594TS 1218V	EUR	7,3800	7,3800	7,3800			7,3800					
Certificate	DE000CV8AL12	AEX 594TS 1218Z	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	DE000VA4Y2L1	AEX 594TS OPENV	EUR	7,8800	7,8800	7,8800			7,8800					
Certificate	DE000CP06RR4	AEX 595TS 0319C	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	DE000C058QY0	AEX 595TS 1218C	EUR	7,5500	7,5500	7,5500			7,5500					
Certificate	DE000VA32XQ1	AEX 595TS 1218V	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	LU1784827427	AEX 595TS OPENS	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000VA7PR71	AEX 596TS 0319V	EUR	7,8000	7,8000	7,8000			7,8000					
Certificate	DE000VA32XR9	AEX 596TS 1218V	EUR	7,5800	7,5800	7,5800			7,5800					
Certificate	DE000CV8AQK8	AEX 596TS 1218Z	EUR	7,6300	7,6300	7,6300			7,6300					
Certificate	DE000C058GZ8	AEX 596TS OPENC	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	DE000VA1ZEL6	AEX 596TS OPENV	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	DE000CP06RS2	AEX 597TS 0319C	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	DE000VA32XS7	AEX 597TS 1218V	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	DE000VA1ZEM4	AEX 597TS OPENV	EUR	7,2700	7,2700	7,2700			7,2700					
Certificate	DE000VA15LJ7	AEX 597TS OPENV	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	DE000VL5R624	AEX 597TS OPENV	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	DE000VA7PSA7	AEX 598TS 0319V	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	DE000VA32XT5	AEX 598TS 1218V	EUR	7,7800	7,7800	7,7800			7,7800					
Certificate	DE000CV8AA49	AEX 598TS 1218Z	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	DE000C058GY1	AEX 598TS OPENC	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	DE000VA1ZEN2	AEX 598TS OPENV	EUR	7,3700	7,3700	7,3700			7,3700					
Certificate	DE000VA15LL3	AEX 598TS OPENV	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	DE000VL5R632	AEX 598TS OPENV	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	DE000CP06RT0	AEX 599TS 0319C	EUR	8,1500	8,1500	8,1500			8,1500					
Certificate	DE000VA32XU3	AEX 599TS 1218V	EUR	7,8800	7,8800	7,8800			7,8800					
Certificate	DE000VL5R640	AEX 599TS OPENV	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	DE000VA15LN9	AEX 599TS OPENV	EUR	7,6400	7,6400	7,6400			7,6400					
Certificate	NL0012795165	AEX 600BOC0319Z	EUR	56,1200	56,1200	56,1200			56,1200					
Certificate	NL0012795215	AEX 600BOC1219Z	EUR	55,1800	55,1800	55,1800			55,1800					
Certificate	NL0012648620	AEX 600BON0619Z	EUR	57,0400	57,0400	56,4500	114,0800	1	56,4500	2				
Certificate	NL0012795454	AEX 600DIS1219Z	EUR	50,4900	50,4900	50,4900			50,4900					
Certificate	DE000CP06RU8	AEX 600TS 0319C	EUR	8,2500	8,2500	8,2500			8,2500					
Certificate	DE000VA7PSC3	AEX 600TS 0319V	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	DE000C058QZ7	AEX 600TS 1218C	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	DE000VA32XW9	AEX 600TS 1218V	EUR	7,9800	7,9800	7,9800			7,9800					
Certificate	NL0013003775	AEX 600TS OPENB	EUR	8,4440	8,4440	8,4440			8,4440					
Certificate	DE000CY52T04	AEX 600TS OPENC	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	DE000VA15LR0	AEX 600TS OPENV	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	DE000VL61HZ2	AEX 600TS OPENV	EUR	6,3500	6,3500	6,3500			6,3500					



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	DE000VA32XY5	AEX 601TS 1218V	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	DE000VL61H09	AEX 601TS OPENV	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	DE000VA15PW1	AEX 601TS OPENV	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	DE000VA15NE4	AEX 601TS OPENV	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	DE000VA32X42	AEX 602TS 1218V	EUR	8,1800	8,1800	8,1800			8,1800					
Certificate	DE000CV8AA56	AEX 602TS 1218Z	EUR	8,2290	8,2290	8,2290			8,2290					
Certificate	DE000CY51JD9	AEX 602TS OPENC	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	DE000VA15PB5	AEX 602TS OPENV	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	DE000VL61H17	AEX 602TS OPENV	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	DE000VAS8BV9	AEX 602TS OPENV	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	DE000VA32X67	AEX 603TS 1218V	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	DE000VA15PX9	AEX 603TS OPENV	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	DE000VL61H25	AEX 603TS OPENV	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	DE000VA32X75	AEX 604TS 1218V	EUR	8,3800	8,3800	8,3800			8,3800					
Certificate	DE000VL61H33	AEX 604TS OPENV	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	DE000VA15PY7	AEX 604TS OPENV	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	DE000VA4YQG7	AEX 604TS OPENV	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	DE000CP06RV6	AEX 605TS 0319C	EUR	8,7500	8,7500	8,7500			8,7500					
Certificate	DE000VA32X83	AEX 605TS 1218V	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	DE000CY51JE7	AEX 605TS OPENC	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	DE000CY52S21	AEX 605TS OPENC	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	LU1784827344	AEX 605TS OPENS	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	DE000VA3EA51	AEX 605TS OPENV	EUR	7,3900	7,3900	7,3900			7,3900					
Certificate	DE000VA15Q73	AEX 605TS OPENV	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	DE000VL61H41	AEX 605TS OPENV	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	DE000VA15QL2	AEX 605TS OPENV	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	DE000VA32YA3	AEX 606TS 1218V	EUR	8,5800	8,5800	8,5800			8,5800					
Certificate	DE000CV8AA64	AEX 606TS 1218Z	EUR	8,6290	8,6290	8,6290			8,6290					
Certificate	DE000VA15Q99	AEX 606TS OPENV	EUR	8,4200	8,4200	8,4200			8,4200					
Certificate	DE000VL61H58	AEX 606TS OPENV	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	DE000VA3EA69	AEX 606TS OPENV	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	DE000VA3EA77	AEX 606TS OPENV	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	DE000VA4YQH5	AEX 606TS OPENV	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	DE000VA3ZYC9	AEX 607TS 1218V	EUR	8,6800	8,6800	8,6800			8,6800					
Certificate	DE000VL61H66	AEX 607TS OPENV	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000VA15RA3	AEX 607TS OPENV	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	DE000VA4YQ33	AEX 607TS OPENV	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	DE000VA32YE5	AEX 608TS 1218V	EUR	8,7800	8,7800	8,7800			8,7800					
Certificate	DE000VA4YQ41	AEX 608TS OPENV	EUR	9,0100	9,0100	9,0100			9,0100					
Certificate	DE000VL61H74	AEX 608TS OPENV	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	DE000VA32YG0	AEX 609TS 1218V	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	DE000VA4YSR0	AEX 609TS OPENV	EUR	9,1300	9,1300	9,1300			9,1300					
Certificate	NL0012795181	AEX 610OC0619Z	EUR	54,7500	54,7500	54,7500			54,7500					
Certificate	DE000CP06RW4	AEX 610TS 0319C	EUR	9,2500	9,2500	9,2500			9,2500					
Certificate	DE000CQ58R00	AEX 610TS 1218C	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	DE000VA32YI4	AEX 610TS 1218V	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	DE000CV8AA72	AEX 610TS 1218Z	EUR	9,0290	9,0290	9,0290			9,0290					
Certificate	DE000CY52SY4	AEX 610TS OPENC	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	DE000CY51JF4	AEX 610TS OPENC	EUR	5,6300	5,7400	5,6300	5630,0000	1	5,7400	1000				
Certificate	DE000CY16ES1	AEX 610TS OPENC	EUR											
Certificate	DE000VA4YSS8	AEX 610TS OPENV	EUR	9,2300	9,2300	9,2300			9,2300					
Certificate	DE000VAS8BX5	AEX 610TS OPENV	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	DE000VA4YW76	AEX 610TS OPENV	EUR	9,2600	9,2600	9,2600			9,2600					
Certificate	DE000VA321R0	AEX 611TS 1218V	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	DE000VA4Y2M9	AEX 611TS OPENV	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	DE000VA4YTG1	AEX 611TS OPENV	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	DE000VA32203	AEX 612TS 1218V	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	DE000VA5ELL7	AEX 612TS OPENV	EUR	9,7100	9,7100	9,7100			9,7100					
Certificate	DE000VA4YTI5	AEX 612TS OPENV	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	DE000VA32229	AEX 613TS 1218V	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	NL0013087927	AEX 613TS OPENH	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	DE000VA4Y113	AEX 613TS OPENV	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	DE000VA32245	AEX 614TS 1218V	EUR	9,3800	9,3800	9,3800			9,3800					
Certificate	DE000CV8AA80	AEX 614TS 1218Z	EUR	9,4290	9,4290	9,4290			9,4290					
Certificate	DE000CP06RX2	AEX 615TS 0319C	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	DE000VA32252	AEX 615TS 1218V	EUR	9,4800	9,4800	9,4800			9,4800					
Certificate	DE000CY51IG2	AEX 615TS OPENC	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	DE000VA323E4	AEX 616TS 1218V	EUR	9,5800	9,5800	9,5800			9,5800					
Certificate	DE000VA323F1	AEX 617TS 1218V	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	LU1732548653	AEX 617TS OPENS	EUR											
Certificate	DE000VA324Z7	AEX 618TS 1218V	EUR	9,7800	9,7800	9,7800			9,7800					
Certificate	DE000CV8AE60	AEX 618TS 1218Z	EUR	9,8290	9,8290	9,8290			9,8290					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA3Z419	AEX 619TS 1218V	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	NL0012795207	AEX 6208OC0919Z	EUR	53,9200	53,9200	53,9200			53,9200					
Certificate	NL0012236111	AEX 6208OC1218Z	EUR	61,5300	61,5300	61,5300			61,5300					
Certificate	DE000CP6R9Y0	AEX 620TS 0319C	EUR	10,2600	10,2600	10,2600			10,2600					
Certificate	DE000CV5BR18	AEX 620TS 1218C	EUR	10,0500	10,0500	10,0500			10,0500					
Certificate	DE000VA3Z427	AEX 620TS 1218V	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	DE000CV51JH0	AEX 620TS OPENC	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	DE000VA3Z500	AEX 621TS 1218V	EUR	10,0800	10,0800	10,0800			10,0800					
Certificate	DE000VA4RMV3	AEX 622TS 1218V	EUR	10,1800	10,1800	10,1800			10,1800					
Certificate	DE000CV8AA98	AEX 622TS 1218Z	EUR	10,2290	10,2290	10,2290			10,2290					
Certificate	DE000CV51RL5	AEX 622TS OPENC	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	DE000VA4RMZ0	AEX 623TS 1218V	EUR	10,2800	10,2800	10,2800			10,2800					
Certificate	DE000CV51RM3	AEX 623TS OPENC	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	DE000VA4RNC7	AEX 624TS 1218V	EUR	10,3800	10,3800	10,3800			10,3800					
Certificate	DE000CV51RN1	AEX 624TS OPENC	EUR	7,6300	7,6300	7,6300			7,6300					
Certificate	DE000VA4RPW0	AEX 625TS 1218V	EUR	10,4800	10,4800	10,4800			10,4800					
Certificate	DE000CV51JL6	AEX 625TS OPENC	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	DE000CV16RK0	AEX 625TS OPENC	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000CV51RP6	AEX 625TS OPENC	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	DE000CV50TM1	AEX 625TS OPENC	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	DE000CV51SF5	AEX 625TS OPENC	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	DE000VA4RPX8	AEX 626TS 1218V	EUR	10,5800	10,5800	10,5800			10,5800					
Certificate	DE000CV51RQ4	AEX 626TS OPENC	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	DE000VA4RPY6	AEX 627TS 1218V	EUR	10,6900	10,6900	10,6900			10,6900					
Certificate	DE000CV51RR2	AEX 627TS OPENC	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	DE000VA4YQB8	AEX 628TS 1218V	EUR	10,7900	10,7900	10,7900			10,7900					
Certificate	DE000CV51RS0	AEX 628TS OPENC	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	DE000VA4YQC6	AEX 629TS 1218V	EUR	10,8900	10,8900	10,8900			10,8900					
Certificate	DE000CV51RT8	AEX 629TS OPENC	EUR	8,1200	8,1200	8,1200			8,1200					
Certificate	NL0012795223	AEX 6308OC1219Z	EUR	53,4500	53,4500	53,4500			53,4500					
Certificate	DE000VA4YQD4	AEX 630TS 1218V	EUR	10,9900	10,9900	10,9900			10,9900					
Certificate	DE000CV8AAA3	AEX 630TS 1218Z	EUR	11,0290	11,0290	11,0290			11,0290					
Certificate	DE000CV51SG3	AEX 630TS OPENC	EUR	7,7900	7,7900	7,7900			7,7900					
Certificate	DE000CV51RU6	AEX 630TS OPENC	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	DE000VA4YQE2	AEX 631TS 1218V	EUR	11,0900	11,0900	11,0900			11,0900					
Certificate	DE000CV51RV4	AEX 631TS OPENC	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	DE000CV51SH1	AEX 631TS OPENC	EUR	7,8800	7,8800	7,8800			7,8800					
Certificate	DE000VA4YQ17	AEX 632TS 1218V	EUR	11,1900	11,1900	11,1900			11,1900					
Certificate	DE000CV51RW2	AEX 632TS OPENC	EUR	8,3900	8,4100	8,3800	738,3200	1	8,4100	88				
Certificate	DE000CV51S17	AEX 632TS OPENC	EUR	7,9800	7,9800	7,9800			7,9800					
Certificate	DE000VA4YQ25	AEX 633TS 1218V	EUR	11,2900	11,2900	11,2900			11,2900					
Certificate	DE000CV51RX0	AEX 633TS OPENC	EUR	8,5100	8,5100	8,5100			8,5100					
Certificate	DE000CV51SK5	AEX 633TS OPENC	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	DE000VA4YSM1	AEX 634TS 1218V	EUR	11,3900	11,3900	11,3900			11,3900					
Certificate	DE000CV51RY8	AEX 634TS OPENC	EUR	8,6100	8,6100	8,6100			8,6100					
Certificate	DE000CV51SL3	AEX 634TS OPENC	EUR	8,1800	8,1800	8,1800			8,1800					
Certificate	DE000VA4YSN9	AEX 635TS 1218V	EUR	11,4900	11,4900	11,4900			11,4900					
Certificate	DE000CV51SM1	AEX 635TS OPENC	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	DE000CV51RZ5	AEX 635TS OPENC	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	DE000VA4YTD8	AEX 636TS 1218V	EUR	11,5900	11,5900	11,5900			11,5900					
Certificate	DE000CV51SN9	AEX 636TS OPENC	EUR	7,8900	8,3700	7,8800	4860,0000	2	8,3700	600				
Certificate	DE000CV51S06	AEX 636TS OPENC	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	DE000VA4YW68	AEX 637TS 1218V	EUR	11,6900	11,6900	11,6900			11,6900					
Certificate	DE000CV51S14	AEX 637TS OPENC	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	DE000CV51SP4	AEX 637TS OPENC	EUR	8,4700	8,4700	8,4700			8,4700					
Certificate	DE000CV8AAB1	AEX 638TS 1218Z	EUR	11,8300	11,8300	11,8300			11,8300					
Certificate	DE000CV51SQ2	AEX 638TS OPENC	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	DE000CV51S22	AEX 638TS OPENC	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	DE000CV51SR0	AEX 639TS OPENC	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	DE000CV51S30	AEX 639TS OPENC	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	DE000CV51S48	AEX 640TS OPENC	EUR	9,2000	9,2000	9,2000			9,2000					
Certificate	DE000CV51S58	AEX 640TS OPENC	EUR	8,7700	8,7700	8,7700			8,7700					
Certificate	DE000CV51S55	AEX 641TS OPENC	EUR	9,2900	9,2900	9,2900			9,2900					
Certificate	DE000CV51S76	AEX 641TS OPENC	EUR	8,8600	8,8600	8,8600			8,8600					
Certificate	DE000CV51SU4	AEX 642TS OPENC	EUR	8,9600	8,9600	8,9600			8,9600					
Certificate	DE000CV51S63	AEX 642TS OPENC	EUR	9,3900	9,3900	9,3900			9,3900					
Certificate	DE000CV51S71	AEX 643TS OPENC	EUR	9,4900	9,4900	9,4900			9,4900					
Certificate	DE000CV51SV2	AEX 643TS OPENC	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	DE000CV51S89	AEX 644TS OPENC	EUR	9,5900	9,5900	9,5900			9,5900					
Certificate	DE000CV51S97	AEX 645TS OPENC	EUR	9,6900	9,6900	9,6900			9,6900					
Certificate	DE000CV51SW0	AEX 645TS OPENC	EUR	9,2600	9,2600	9,2600			9,2600					
Certificate	DE000CV8AAC9	AEX 646TS 1218Z	EUR	12,6300	12,6300	12,6300			12,6300					



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	DE000CY51S8	AEX 646TS OPENC	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	DE000CY51SA6	AEX 646TS OPENC	EUR	9,7900	9,7900	9,7900			9,7900					
Certificate	DE000CY51S84	AEX 647TS OPENC	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	NL0012557995	AEX 652TS OPENH	EUR	13,8600	13,8600	13,8600			13,8600					
Certificate	DE000CV8AAD7	AEX 654TS 1218Z	EUR	13,4300	13,4300	13,4300			13,4300					
Certificate	DE000CV8AAE5	AEX 662TS 1218Z	EUR	14,2300	14,2300	14,2300			14,2300					
Certificate	NL0011229281	AEX 668TS OPENH	EUR	15,4700	15,4700	15,4700			15,4700					
Certificate	NL0012648653	AEX 6708ON1219Z	EUR	55,8800	55,8800	55,8800			55,8800					
Certificate	DE000CV8AAF2	AEX 678TS 1218Z	EUR	15,8300	15,8300	15,8300			15,8300					
Certificate	DE000CV8AAG0	AEX 694TS 1218Z	EUR	17,4310	17,4310	17,4310			17,4310					
Certificate	DE000CV8AAH8	AEX 710TS 1218Z	EUR	19,0320	19,0320	19,0320			19,0320					
Certificate	NL0012904569	AEX 761TS OPENH	EUR	24,8900	24,8900	24,8900			24,8900					
Certificate	NL0012236509	AEX 0.88PRO0619Z	EUR	97,2100	97,2100	97,2100			97,2100					
Certificate	NL0012236558	AEX 0.88PRO0619Z	EUR	93,5400	93,5400	93,5400			93,5400					
Certificate	NL0012236517	AEX 0.93PRO0619Z	EUR	97,6600	97,6600	97,6600			97,6600					
Certificate	NL0012236574	AEX 0.95PRO0619Z	EUR	96,8100	96,8100	96,8100			96,8100					
Certificate	NL0012236533	AEX 0.95PRO0619Z	EUR	98,2000	98,2000	98,2000			98,2000					
Certificate	NL0010246310	AEX 283.BL OPENB	EUR	23,9890	23,9890	23,9890			23,9890					
Certificate	NL0010225488	AEX 294.BL OPENB	EUR	22,8830	22,8830	22,8830			22,8830					
Certificate	NL0011053707	AEX 343.TRLOPENH	EUR	17,9200	17,9200	17,9200			17,9200					
Certificate	DE000CN6JRX4	AEX 356.TL OPENZ	EUR	16,6570	16,6570	16,6570			16,6570					
Certificate	NL0011926183	AEX 411.TRLOPENH	EUR	11,1300	11,1300	11,1300			11,1300					
Certificate	NL0011926175	AEX 412.TRLOPENH	EUR	11,0200	11,0200	11,0200			11,0200					
Certificate	DE000CD63LY0	AEX 441.TL OPENZ	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	DE000CD63XK4	AEX 445.TL OPENZ	EUR	7,7710	7,7710	7,7710			7,7710					
Certificate	DE000CD63Y90	AEX 449.TL OPENZ	EUR	7,3720	7,3720	7,3720			7,3720					
Certificate	DE000CD63YB1	AEX 453.TL OPENZ	EUR	6,9690	6,9690	6,9690			6,9690					
Certificate	DE000CD640W1	AEX 459.TL OPENZ	EUR	6,3770	6,3770	6,3770			6,3770					
Certificate	NL0012052559	AEX 459.TRLOPENH	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	NL0012052872	AEX 460.TRLOPENH	EUR	6,9100	6,9100	6,2200	103,6500	1	6,2200	15				
Certificate	DE000CD64391	AEX 463.TL OPENZ	EUR	5,9780	5,9780	5,9780			5,9780					
Certificate	DE000CD643B9	AEX 467.TL OPENZ	EUR	6,0740	6,2650	5,4200	138529,5000	191	5,5760	23628				
Certificate	DE000CD646R8	AEX 471.TL OPENZ	EUR	5,1770	5,1830	5,1770	258,8500	1	5,1830	50				
Certificate	NL0012179139	AEX 482.TRLOPENH	EUR	4,4800	4,4800	4,0300	6365,0000	3	4,0300	1500				
Certificate	NL0012196745	AEX 483.TRLOPENH	EUR	4,4200	4,4200	3,9300	11050,0000	1	3,9300	2500				
Certificate	NL0012196729	AEX 484.TRLOPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	NL0012197560	AEX 485.TRLOPENH	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	NL0012117410	AEX 491.BL OPENB	EUR	3,7910	3,7910	3,1960	5887,1500	5	3,1960	1650				
Certificate	NL0012117923	AEX 492.BL OPENB	EUR	3,7380	3,7480	3,1030	3506,8000	4	3,1030	950				
Certificate	NL0012202030	AEX 496.TRLOPENH	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0012210728	AEX 501.TRLOPENH	EUR											
Certificate	NL0013128622	AEX 502.TRLOPENH	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	NL0013128606	AEX 503.TRLOPENH	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	NL0013128580	AEX 504.TRLOPENH	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	LU1859910751	AEX 507.TCIOPENS	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	LU1859913003	AEX 511.TCIOPENS	EUR	1,6500	1,7400	1,1300	1394,2600	10	1,1700	1028				
Certificate	NL0013008378	AEX 537.BS OPENB	EUR	0,9750	1,6800	0,9700	32383,7100	23	1,6450	26520				
Certificate	NL0013008386	AEX 538.BS OPENB	EUR	1,2480	1,7450	1,2480	7935,0000	2	1,7450	6000				
Certificate	NL0013008394	AEX 539.BS OPENB	EUR	1,2200	1,8450	1,2100	14208,7500	12	1,8450	10700				
Certificate	DE000CJ3N385	AEX 539.TS OPENZ	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	NL0013008402	AEX 540.BS OPENB	EUR	1,4450	2,0050	1,3000	17549,4000	15	1,9450	10900				
Certificate	LU1840974270	AEX 540.TPIOPENS	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0013008410	AEX 541.BS OPENB	EUR	1,3900	2,1000	1,3850	18630,0000	3	2,0450	12400				
Certificate	NL0013008428	AEX 542.BS OPENB	EUR	2,1440	2,1440	2,1440			2,1440					
Certificate	NL0013008436	AEX 543.BS OPENB	EUR	2,2440	2,2440	2,2440			2,2440					
Certificate	NL0013008828	AEX 544.BS OPENB	EUR	1,8200	2,4310	1,6300	51724,3900	241	2,3400	27304				
Certificate	NL0013006844	AEX 545.BS OPENB	EUR	2,0040	2,4390	2,0040	200,4000	1	2,4390	100				
Certificate	DE000CJ3N0P1	AEX 545.TS OPENZ	EUR	2,3070	2,3070	2,3070			2,3070					
Certificate	DE000CJ3N0Q9	AEX 547.TS OPENZ	EUR	2,3570	2,5030	2,3570	951,8000	2	2,5030	400				
Certificate	DE000CJ3N0R7	AEX 549.TS OPENZ	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CJ3N0S5	AEX 551.TS OPENZ	EUR	2,8970	2,8970	2,8970			2,8970					
Certificate	NL0012895270	AEX 555.TRSOPENH	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000CJ3NX05	AEX 557.TS OPENZ	EUR	3,4930	3,4930	3,4930			3,4930					
Certificate	NL0012895239	AEX 559.TRSOPENH	EUR	3,1000	3,7500	3,1000	325,0000	2	3,7500	100				
Certificate	NL0012895213	AEX 560.TRSOPENH	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	NL0012989545	AEX 565.BS OPENB	EUR	4,4460	4,4460	4,4460			4,4460					
Certificate	NL0012988810	AEX 567.BS OPENB	EUR	4,6390	4,6390	4,6390			4,6390					
Certificate	NL0012904213	AEX 567.TRSOPENH	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000VASRFU2	AEX 567.TS OPENV	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	DE000VASRFV0	AEX 568.TS OPENV	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	NL0012586895	AEX 569.TRSOPENH	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	NL0012849541	AEX 569.TRSOPENH	EUR	4,7600	4,7600	4,7600			4,7600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VASRFW8	AEX 569.TS OPENV	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0012175699	AEX 570.TRSOPENH	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	DE000VASRFK6	AEX 570.TS OPENV	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	LU1816971052	AEX 571.TPIOPENS	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	NL0012903983	AEX 571.TRSOPENH	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	DE000VASRFY4	AEX 571.TS OPENV	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	DE000VASRDQ5	AEX 572.TS OPENV	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	NL0012591036	AEX 573.TRSOPENH	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	DE000VASRDR3	AEX 573.TS OPENV	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	NL0012507156	AEX 575.BS OPENB	EUR	5,4370	5,4370	5,4370			5,4370					
Certificate	NL0012904205	AEX 575.TRSOPENH	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	NL0012910038	AEX 577.TRSOPENH	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	DE000CE6F9Q8	AEX 578.TS OPENZ	EUR	5,5910	5,5910	5,5910			5,5910					
Certificate	DE000CE6F9R6	AEX 580.TS OPENZ	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000CE6F9S4	AEX 584.TS OPENZ	EUR	6,1890	6,1890	6,1890			6,1890					
Certificate	DE000CE6F9T2	AEX 586.TS OPENZ	EUR	5,8990	6,3880	5,8990	1179,8000	1	6,3880	200				
Certificate	DE000CE6F9U0	AEX 588.TS OPENZ	EUR	6,5870	6,5870	6,5870			6,5870					
Certificate	DE000CE6F9V8	AEX 592.TS OPENZ	EUR	6,9880	6,9880	6,9880			6,9880					
Certificate	DE000CE6F9W6	AEX 594.TS OPENZ	EUR	7,1870	7,1870	7,1870			7,1870					
Certificate	DE000CE6F9X4	AEX 596.TS OPENZ	EUR	7,3860	7,3860	7,3860			7,3860					
Certificate	DE000VA1ZDY1	AEX 597.TS OPENV	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	DE000VA1ZD06	AEX 598.TS OPENV	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	DE000VL61HJ6	AEX 600.TS OPENV	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	DE000VL61HK4	AEX 601.TS OPENV	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	DE000VL61HL2	AEX 602.TS OPENV	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	NL0012904643	AEX 603.TRSOPENH	EUR	8,1600	8,1600	8,1600			8,1600					
Certificate	DE000VL61HN8	AEX 603.TS OPENV	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	NL0012904635	AEX 604.TRSOPENH	EUR	8,2600	8,2600	8,2600			8,2600					
Certificate	DE000VL61HQ1	AEX 604.TS OPENV	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000VL61HS7	AEX 605.TS OPENV	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	DE000VL61HU3	AEX 606.TS OPENV	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000VL61HW9	AEX 607.TS OPENV	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	DE000VL61HY5	AEX 608.TS OPENV	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	NL0013078082	AEX 616.TRSOPENH	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	NL0013078074	AEX 626.TRSOPENH	EUR	10,4500	10,4500	10,4500			10,4500					
Certificate	NL0013078066	AEX 628.TRSOPENH	EUR	10,6500	10,6500	10,6500			10,6500					
Certificate	NL0013078223	AEX 640.TRSOPENH	EUR	11,8500	11,8500	11,8500			11,8500					
Certificate	DE000CV4ZP62	AEX 652.TS OPENZ	EUR	12,9800	12,9800	12,9800			12,9800					
Certificate	DE000CV4ZP70	AEX 654.TS OPENZ	EUR	13,1790	13,1790	13,1790			13,1790					
Certificate	DE000CV88X09	AEX 662.TS OPENZ	EUR	13,9800	13,9800	13,9800			13,9800					
Certificate	DE000CV87MP7	AEX 670.TS OPENZ	EUR	14,7790	14,7790	14,7790			14,7790					
Certificate	NL0012519995	AEX 688.TRSOPENH	EUR											
Certificate	NL0011231717	AEX 154.6TL OPENH	EUR	36,9200	36,9200	36,9200			36,9200					
Certificate	NL0011596689	AEX 205.2TL OPENH	EUR	31,9200	31,9200	31,9200			31,9200					
Certificate	NL0011601554	AEX 205.8TRLOPENH	EUR	31,6400	31,6400	31,6400			31,6400					
Certificate	NL0011596671	AEX 209.4TL OPENH	EUR	31,5100	31,5100	31,5100			31,5100					
Certificate	NL0011595392	AEX 227.5TRLOPENH	EUR	29,4800	29,4800	29,4800			29,4800					
Certificate	NL0011036389	AEX 248.1TL OPENH	EUR	27,6900	27,6900	27,6900			27,6900					
Certificate	DE000CK4YLK1	AEX 260.2TL OPENZ	EUR	26,2380	26,2380	26,2380			26,2380					
Certificate	NL0011043310	AEX 262.6TL OPENH	EUR	26,2500	26,2500	26,2500			26,2500					
Certificate	NL0011036363	AEX 264.9TL OPENH	EUR	26,0300	26,0300	26,0300			26,0300					
Certificate	NL0011043302	AEX 266.9TL OPENH	EUR	25,8300	25,8300	25,8300			25,8300					
Certificate	NL0010246328	AEX 275.78L OPENB	EUR	25,2180	25,2180	24,7120	25,2200	1	24,7120	1				
Certificate	NL0011422217	AEX 276.2TRLOPENH	EUR	24,6000	24,6000	24,6000			24,6000					
Certificate	NL0011043278	AEX 279.6TL OPENH	EUR	24,5700	24,5700	24,5700			24,5700					
Certificate	NL001023665	AEX 289.48L OPENB	EUR	23,3480	23,3480	23,3480			23,3480					
Certificate	DE000CT9EJ80	AEX 291.1TL OPENC	EUR	27,1600	27,1600	27,1600			27,1600					
Certificate	NL0010251690	AEX 292.38L OPENB	EUR	23,0560	23,0560	23,0560			23,0560					
Certificate	DE000CK6UPV2	AEX 292.5TL OPENZ	EUR	23,0110	23,0110	23,0110			23,0110					
Certificate	NL0011036322	AEX 294.5TL OPENH	EUR	23,1000	23,1000	23,1000			23,1000					
Certificate	NL0011231691	AEX 296.3TL OPENH	EUR	22,9300	22,9300	22,9300			22,9300					
Certificate	NL0011043237	AEX 296.5TL OPENH	EUR	22,9000	22,9000	22,9000			22,9000					
Certificate	NL0011411855	AEX 299.8TRLOPENH	EUR	22,2500	22,2500	22,2500			22,2500					
Certificate	DE000CK6UT31	AEX 301.4TL OPENZ	EUR	22,1150	22,1150	22,1150			22,1150					
Certificate	NL0010252334	AEX 302.88L OPENB	EUR	22,0060	22,0060	22,0060			22,0060					
Certificate	NL0011036306	AEX 309.3TL OPENH	EUR	21,6400	21,6400	21,6400			21,6400					
Certificate	NL0010721494	AEX 311.5TL OPENH	EUR	21,4300	21,4300	21,4300			21,4300					
Certificate	NL0011036298	AEX 313.4TL OPENH	EUR	21,2300	21,2300	21,2300			21,2300					
Certificate	NL0010721486	AEX 319.9TL OPENH	EUR	20,6000	20,6000	20,6000			20,6000					
Certificate	DE000CT9JTC2	AEX 321.3TL OPENC	EUR	23,9700	23,9700	23,9700			23,9700					
Certificate	NL0011036272	AEX 321.8TL OPENH	EUR	20,4000	20,4000	20,4000			20,4000					
Certificate	NL0011244637	AEX 322.7TRLOPENH	EUR	19,9600	19,9600	19,9600			19,9600					



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	NL0010442091	AEX 323.58L OPENB	EUR	19,9380	19,9380	19,9380			19,9380					
Certificate	DE000CT9MWQ0	AEX 325.9TL OPENC	EUR	23,4800	23,4800	23,4800			23,4800					
Certificate	NL0011035985	AEX 326.1TL OPENH	EUR	19,9800	19,9800	19,9800			19,9800					
Certificate	NL0010442166	AEX 326.98L OPENB	EUR	19,5980	19,5980	19,5980			19,5980					
Certificate	NL0011053715	AEX 327.1TRLOPENH	EUR	19,5100	19,5100	19,5100			19,5100					
Certificate	NL0010442174	AEX 330.48L OPENB	EUR	19,2480	19,2480	19,2480			19,2480					
Certificate	NL0011594957	AEX 331.7TL OPENH	EUR	19,4300	19,4300	19,4300			19,4300					
Certificate	NL0010721213	AEX 332.6TL OPENH	EUR	19,3400	19,3400	19,3400			19,3400					
Certificate	NL0011243357	AEX 334.3TRLOPENH	EUR	18,7900	18,7900	18,7900			18,7900					
Certificate	NL0011601471	AEX 335.8TRLOPENH	EUR	18,6400	18,6400	18,6400			18,6400					
Certificate	NL0010721460	AEX 336.7TL OPENH	EUR	18,9300	18,9300	18,9300			18,9300					
Certificate	NL0010890372	AEX 337.18L OPENB	EUR	18,5870	18,5870	18,5870			18,5870					
Certificate	NL0010442646	AEX 337.38L OPENB	EUR	18,5590	18,5590	18,5590			18,5590					
Certificate	NL0011035951	AEX 338.7TL OPENH	EUR	18,7300	18,7300	18,7300			18,7300					
Certificate	NL0010442943	AEX 340.88L OPENB	EUR	18,2070	18,2070	18,2070			18,2070					
Certificate	NL0011602586	AEX 345.8TL OPENH	EUR	18,0300	18,0300	18,0300			18,0300					
Certificate	NL0010891420	AEX 345.98L OPENB	EUR	17,7030	17,7030	17,7030			17,7030					
Certificate	NL0011603428	AEX 346.2TRLOPENH	EUR	17,6000	17,6000	17,6000			17,6000					
Certificate	NL0010891438	AEX 348.28L OPENB	EUR	17,4770	17,4770	17,4770			17,4770					
Certificate	NL0011243324	AEX 351.9TRLOPENH	EUR	17,0300	17,0300	17,0300			17,0300					
Certificate	NL0010894069	AEX 354.98L OPENB	EUR	16,8060	16,8060	16,8060			16,8060					
Certificate	NL0011602842	AEX 355.2TL OPENH	EUR	17,1100	17,1100	17,1100			17,1100					
Certificate	NL0011243316	AEX 356.2TRLOPENH	EUR	16,6000	16,6000	16,6000			16,6000					
Certificate	NL0011596861	AEX 357.6TRLOPENH	EUR	16,4700	16,4700	16,4700			16,4700					
Certificate	NL0011592399	AEX 358.5TRLOPENH	EUR	16,3700	16,3700	16,3700			16,3700					
Certificate	NL0011602800	AEX 359.3TL OPENH	EUR	16,7100	16,7100	16,7100			16,7100					
Certificate	NL0011602768	AEX 363.4TL OPENH	EUR	16,3000	16,3000	16,3000			16,3000					
Certificate	NL0011603386	AEX 364.5TRLOPENH	EUR	15,7800	15,7800	15,7800			15,7800					
Certificate	DE000CN6HMY7	AEX 366.2TL OPENZ	EUR	15,6400	15,6400	15,6400			15,6400					
Certificate	DE000CV87KD7	AEX 366.9TL OPENZ	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	NL0011605738	AEX 368.5TL OPENH	EUR	15,7900	15,7900	15,7900			15,7900					
Certificate	NL0011603337	AEX 369.8TRLOPENH	EUR	15,2500	15,2500	15,2500			15,2500					
Certificate	NL0011605696	AEX 372.7TL OPENH	EUR	15,3800	15,3800	15,3800			15,3800					
Certificate	DE000CN6JRT2	AEX 373.6TL OPENZ	EUR	14,9000	14,9000	14,9000			14,9000					
Certificate	NL0011648860	AEX 374.18L OPENB	EUR	15,4030	15,4030	14,8830	4620,9000	1	14,8830	300				
Certificate	NL0011603287	AEX 374.2TRLOPENH	EUR	14,8100	14,8100	14,8100			14,8100					
Certificate	NL0011700752	AEX 374.7TL OPENH	EUR	15,1800	15,1800	15,1800			15,1800					
Certificate	NL0011603279	AEX 374.7TRLOPENH	EUR	14,7600	14,7600	14,7600			14,7600					
Certificate	DE000CC3Z709	AEX 375.5TL OPENC	EUR	18,2200	18,2200	18,2200			18,2200					
Certificate	NL0011603238	AEX 376.8TRLOPENH	EUR	14,5500	14,5500	14,5500			14,5500					
Certificate	NL0011722939	AEX 376.9TL OPENH	EUR	14,9600	14,9600	14,9600			14,9600					
Certificate	NL0011705330	AEX 378.9TL OPENH	EUR	14,7700	14,7700	14,7700			14,7700					
Certificate	NL0011694856	AEX 379.5TRLOPENH	EUR	14,2700	14,2700	14,2700			14,2700					
Certificate	DE000CN6JWL9	AEX 381.8TL OPENZ	EUR	14,0790	14,0790	14,0790			14,0790					
Certificate	DE000CC3ZCM5	AEX 383.6TL OPENC	EUR	17,3700	17,3700	17,3700			17,3700					
Certificate	NL0011694815	AEX 383.7TRLOPENH	EUR	13,8500	13,8500	13,8500			13,8500					
Certificate	NL0011705272	AEX 385.1TL OPENH	EUR	14,1600	14,1600	14,1600			14,1600					
Certificate	NL0011694799	AEX 385.8TRLOPENH	EUR	13,6400	13,6400	13,6400			13,6400					
Certificate	NL0011694773	AEX 388.1TRLOPENH	EUR	13,4200	13,4200	13,4200			13,4200					
Certificate	NL0011894530	AEX 388.4TL OPENH	EUR	13,8300	13,8300	13,8300			13,8300					
Certificate	NL0011701040	AEX 390.1TRLOPENH	EUR	13,2100	13,2100	13,2100			13,2100					
Certificate	DE000CN6JSM5	AEX 390.2TL OPENZ	EUR	13,2470	13,2470	13,2470			13,2470					
Certificate	NL0011891809	AEX 390.4TL OPENH	EUR	14,1400	14,1400	13,6300	14140,0000	1	13,6300	1000				
Certificate	NL0011701032	AEX 391.1TRLOPENH	EUR	13,1100	13,1100	13,1100			13,1100					
Certificate	NL0011892666	AEX 393.5TL OPENH	EUR	13,3300	13,3300	13,3300			13,3300					
Certificate	NL0011892641	AEX 395.6TL OPENH	EUR	13,1200	13,1200	13,1200			13,1200					
Certificate	NL0011700984	AEX 396.5TRLOPENH	EUR	12,5700	12,5700	12,5700			12,5700					
Certificate	DE000CN6K1P1	AEX 397.3TL OPENZ	EUR	12,5290	12,5290	12,5290			12,5290					
Certificate	NL0011892500	AEX 401.5TRLOPENH	EUR	12,0700	12,0700	12,0700			12,0700					
Certificate	NL0011926423	AEX 401.7TL OPENH	EUR	12,5100	12,5100	12,5100			12,5100					
Certificate	DE000CV506A8	AEX 401.9TL OPENZ	EUR	5,0150	5,0150	5,0150			5,0150					
Certificate	DE000CN6K7G7	AEX 403.4TL OPENZ	EUR	11,9230	11,9230	11,9230			11,9230					
Certificate	NL0011892435	AEX 405.2TRLOPENH	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	NL0011926381	AEX 405.9TL OPENH	EUR	12,1000	12,1000	12,1000			12,1000					
Certificate	NL0011926373	AEX 406.9TL OPENH	EUR	12,0000	12,0000	12,0000			12,0000					
Certificate	DE000CV50699	AEX 406.9TL OPENZ	EUR	4,8150	4,8150	4,8150			4,8150					
Certificate	DE000CN6K7J1	AEX 407.5TL OPENZ	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	NL0011926365	AEX 407.9TL OPENH	EUR	11,9000	11,9000	11,9000			11,9000					
Certificate	DE000CD61LW8	AEX 409.5TL OPENZ	EUR	11,3160	11,3160	11,3160			11,3160					
Certificate	NL0011927413	AEX 412.1TL OPENH	EUR	11,4900	11,4900	11,4900			11,4900					
Certificate	DE000CV501P7	AEX 412.9TL OPENZ	EUR	4,6120	4,6120	4,6120			4,6120					
Certificate	NL0011926159	AEX 413.6TRLOPENH	EUR	10,8600	10,8600	10,8600			10,8600					



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	NL0011926142	AEX 414.1TRLOPENH	EUR	10,8100	10,8100	10,8100			10,8100					
Certificate	NL0011927397	AEX 414.2TL OPENH	EUR	11,2900	11,2900	11,2900			11,2900					
Certificate	DE000CD61TW1	AEX 415.6TL OPENZ	EUR	10,7060	10,7060	10,7060			10,7060					
Certificate	NL0011926118	AEX 415.8TRLOPENH	EUR	10,6500	10,6500	10,6500			10,6500					
Certificate	DE000CV501N2	AEX 417.9TL OPENZ	EUR	4,4130	4,4130	4,4130			4,4130					
Certificate	NL0011933783	AEX 417.9TRLOPENH	EUR	10,4300	10,4300	10,4300			10,4300					
Certificate	NL0011993043	AEX 419.4TL OPENH	EUR	10,7700	10,7700	10,7700			10,7700					
Certificate	NL0011927215	AEX 421.6TRLOPENH	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	DE000CD625Y8	AEX 421.7TL OPENZ	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	DE000CV4YQC4	AEX 422.9TL OPENZ	EUR	4,2040	4,2040	4,2040			4,2040					
Certificate	NL0011993001	AEX 423.5TL OPENH	EUR	10,3600	10,3600	10,3600			10,3600					
Certificate	DE000CD627Q0	AEX 423.7TL OPENZ	EUR	10,5590	10,5590	9,9000	13590,3500	10	9,9000	1300				
Certificate	NL0011927173	AEX 423.7TRLOPENH	EUR	9,8500	9,8500	9,8500			9,8500					
Certificate	NL0011908447	AEX 423.98L OPENB	EUR	9,9000	9,9000	9,9000			9,9000					
Certificate	NL0011992987	AEX 425.6TL OPENH	EUR	10,1600	10,1600	10,1600			10,1600					
Certificate	NL0011928403	AEX 426.8TRLOPENH	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	DE000CD627P2	AEX 427.8TL OPENZ	EUR	9,4920	9,4920	9,4920			9,4920					
Certificate	NL0012048334	AEX 428.6TL OPENH	EUR	9,8600	9,8600	9,8600			9,8600					
Certificate	NL0012048326	AEX 429.6TL OPENH	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	NL0011994686	AEX 430.4TRLOPENH	EUR	9,1900	9,1900	9,1900			9,1900					
Certificate	DE000CV4Z811	AEX 430.9TL OPENZ	EUR	3,8970	3,8970	3,8970			3,8970					
Certificate	NL0011994678	AEX 431.4TRLOPENH	EUR	9,7500	9,7500	9,0800	9625,0000	2	9,0800	1000				
Certificate	NL0013086028	AEX 431.7TL OPENH	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	DE000CD62619	AEX 431.9TL OPENZ	EUR	9,0790	9,0790	9,0790			9,0790					
Certificate	NL0012029342	AEX 432.58L OPENB	EUR	9,0430	9,0430	9,0430			9,0430					
Certificate	NL0011994660	AEX 432.5TRLOPENH	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	NL0012048870	AEX 433.7TL OPENH	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	NL0011994645	AEX 434.5TRLOPENH	EUR	9,4000	9,4000	8,7700	3668,5000	2	8,7700	400				
Certificate	NL0013086010	AEX 435.7TL OPENH	EUR	9,1600	9,1600	9,1600			9,1600					
Certificate	DE000CD628F1	AEX 435.9TL OPENZ	EUR	8,6750	8,6750	8,6750			8,6750					
Certificate	DE000CV4Z803	AEX 435.9TL OPENZ	EUR	3,6970	3,6970	3,6970			3,6970					
Certificate	NL0011994611	AEX 436.7TRLOPENH	EUR	9,0700	9,0700	8,5600	90,7000	1	8,5600	10				
Certificate	NL0012049555	AEX 437.8TL OPENH	EUR	8,9500	8,9500	8,9500			8,9500					
Certificate	NL0012049225	AEX 438.2TRLOPENH	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	NL0012049548	AEX 438.8TL OPENH	EUR	8,8500	8,8500	8,8500			8,8500					
Certificate	NL0012049530	AEX 439.8TL OPENH	EUR	8,7500	8,7500	8,7500			8,7500					
Certificate	DE000CV4YU09	AEX 440.9TL OPENZ	EUR	3,4890	3,4890	3,4890			3,4890					
Certificate	NL0012050868	AEX 441.8TL OPENH	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	NL0012049456	AEX 441.8TRLOPENH	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	NL0012038541	AEX 442.98L OPENB	EUR	8,4800	8,4800	8,0000	6784,0000	1	8,0000	800				
Certificate	NL0012049431	AEX 442.9TRLOPENH	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	NL0012049407	AEX 444.5TRLOPENH	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	NL0012039838	AEX 444.98L OPENB	EUR	7,8000	7,8000	7,8000			7,8000					
Certificate	NL0012050835	AEX 444.9TL OPENH	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	NL0012050710	AEX 447.6TRLOPENH	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	DE000CV4Z725	AEX 447.9TL OPENZ	EUR	3,2150	3,2150	3,2150			3,2150					
Certificate	NL0012050678	AEX 449.6TRLOPENH	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	DE000CJ3PP45	AEX 450.8TL OPENZ	EUR	1,5390	1,5390	1,5390			1,5390					
Certificate	NL0012051544	AEX 451.2TRLOPENH	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	NL0012098974	AEX 452.38L OPENB	EUR	7,0690	7,0690	7,0690			7,0690					
Certificate	DE000CV4Z7Y8	AEX 452.9TL OPENZ	EUR	3,0150	3,0150	3,0150			3,0150					
Certificate	NL0012098982	AEX 453.38L OPENB	EUR	6,9640	6,9640	6,9640			6,9640					
Certificate	NL0012051908	AEX 453.8TRLOPENH	EUR	6,8400	6,8400	6,8400			6,8400					
Certificate	DE000CD640U5	AEX 454.9TL OPENZ	EUR	6,7790	6,7790	6,7790			6,7790					
Certificate	NL0012100143	AEX 455.38L OPENB	EUR	7,3390	7,3390	6,7640	579003,9400	6	6,7640	80167				
Certificate	NL0012100150	AEX 456.38L OPENB	EUR	6,6610	6,6610	6,6610			6,6610					
Certificate	NL0013079072	AEX 456.3TL OPENH	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	NL0012108898	AEX 457.3TL OPENB	EUR	8,0510	8,0510	7,3860	2415,3000	1	7,3860	300				
Certificate	NL0012052583	AEX 457.3TRLOPENH	EUR	6,4900	6,4900	6,4900			6,4900					
Certificate	DE000CV4Z7X0	AEX 457.9TL OPENZ	EUR	2,8160	2,8160	2,8160			2,8160					
Certificate	NL0012053052	AEX 458.1TL OPENH	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	NL0013126246	AEX 459.6TL OPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	NL0012108922	AEX 460.4TL OPENB	EUR	7,7240	7,7240	7,0840	6934,6000	3	7,0840	900				
Certificate	NL0012101018	AEX 460.58L OPENB	EUR	6,6000	6,6000	6,2480	290,4000	1	6,2480	44				
Certificate	NL0013125438	AEX 460.6TL OPENH	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	LU1841026922	AEX 461.5TCIOPENS	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	NL0012052849	AEX 461.6TRLOPENH	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0012110142	AEX 461.8TL OPENB	EUR	6,9480	6,9480	6,9480			6,9480					
Certificate	NL0012052831	AEX 462.1TRLOPENH	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	NL0012093967	AEX 462.4TL OPENH	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	DE000CV4YQB6	AEX 462.9TL OPENZ	EUR	2,6080	2,6080	2,6080			2,6080					
Certificate	NL0012174304	AEX 463.4TL OPENH	EUR	6,4200	6,4200	6,4200			6,4200					



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	NL0012101638	AEX 463.68L OPENB	EUR	5,9390	5,9390	5,9390			5,9390					
Certificate	NL0013126816	AEX 463.7TRLOPENH	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	NL0012174296	AEX 464.4TL OPENH	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	DE000VA8F5B4	AEX 464.5TL OPENV	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	NL0012052955	AEX 464.7TRLOPENH	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	NL0012110175	AEX 464.9TL OPENB	EUR	7,2520	7,2520	6,6470	725,2000	1	6,6470	100				
Certificate	DE000CD647Q8	AEX 465.3TL OPENZ	EUR											
Certificate	NL0012102982	AEX 465.68L OPENB	EUR	5,7310	5,7310	5,7310			5,7310					
Certificate	NL0013086465	AEX 465.6TRLOPENH	EUR	5,8200	5,8200	5,6600	145,5000	1	5,6600	25				
Certificate	NL0013087950	AEX 465.7TL OPENH	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	NL0012110183	AEX 465.9TL OPENB	EUR	7,0040	7,0040	6,5440	3741,7000	3	6,5440	550				
Certificate	DE000VA8F220	AEX 466.4TL OPENV	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	NL0013087943	AEX 466.7TL OPENH	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	DE000VA8F212	AEX 467.4TL OPENV	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	NL0012053649	AEX 467.5TRLOPENH	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	DE000CJ3PJCS	AEX 467.9TL OPENZ	EUR	2,3940	2,3940	2,3940			2,3940					
Certificate	NL0012094932	AEX 467.9TRLOPENH	EUR	6,0500	6,0500	5,4300	1791,0000	2	5,4300	300				
Certificate	NL0012174254	AEX 468.5TL OPENH	EUR	6,4500	6,4500	5,9100	9675,0000	1	5,9100	1500				
Certificate	NL0012110340	AEX 468.78L OPENB	EUR	5,4270	5,4270	5,4270			5,4270					
Certificate	NL0012110977	AEX 468.9TL OPENB	EUR	6,8520	6,8570	6,2470	890,7600	1	6,2470	130				
Certificate	NL0013083272	AEX 468.9TRLOPENH	EUR	5,3400	5,3400	5,3400			5,3400					
Certificate	DE000VA71VS0	AEX 469.3TL OPENV	EUR	5,4200	5,4200	5,4200			5,4200					
Certificate	LU1841027060	AEX 470.1TCIOPENS	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	NL0013084064	AEX 470.2TL OPENH	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	DE000VA71VT8	AEX 470.3TL OPENV	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0012904023	AEX 470.4TRLOPENH	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	NL0013084056	AEX 471.2TL OPENH	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	DE000VA71VV4	AEX 471.3TL OPENV	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	NL0012111199	AEX 471.78L OPENB	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	NL0013083264	AEX 471.9TRLOPENH	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	NL0012112429	AEX 472.2TL OPENB	EUR	6,4180	6,4180	5,9280	1283,6000	1	5,9280	200				
Certificate	DE000VA71VX0	AEX 472.3TL OPENV	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	NL0012174213	AEX 472.6TL OPENH	EUR	5,5000	5,5000	5,5000			5,5000					
Certificate	NL0012111207	AEX 472.88L OPENB	EUR	5,0150	5,0150	5,0150			5,0150					
Certificate	DE000CV4Z7W2	AEX 472.9TL OPENZ	EUR	2,2160	2,2160	2,2160			2,2160					
Certificate	DE000CD647L9	AEX 472.9TL OPENZ	EUR	4,9860	4,9860	4,9860			4,9860					
Certificate	DE000VA71VY8	AEX 473.3TL OPENV	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	NL0012566087	AEX 473.5TRLOPENH	EUR	5,3100	5,3100	4,8700	5310,0000	1	4,8700	1000				
Certificate	NL0012174205	AEX 473.7TL OPENH	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	DE000VA71V02	AEX 474.3TL OPENV	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0012174197	AEX 474.7TL OPENH	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0013083256	AEX 474.9TRLOPENH	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	NL0012197164	AEX 475.5TL OPENH	EUR	5,9000	5,9000	5,2200	14375,0000	2	5,2200	2500				
Certificate	NL0013083249	AEX 475.9TRLOPENH	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	NL0012111678	AEX 476.18L OPENB	EUR	4,6820	4,6820	4,6820			4,6820					
Certificate	NL0012114243	AEX 476.1TL OPENB	EUR	5,5470	5,5470	5,5470			5,5470					
Certificate	LU1841027144	AEX 476.2TCIOPENS	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	NL0012197156	AEX 476.6TL OPENH	EUR	5,5500	5,5500	5,1200	2775,0000	1	5,1200	500				
Certificate	DE000CE6BHL8	AEX 476.8TL OPENZ	EUR	4,6020	4,6020	4,6020			4,6020					
Certificate	NL0012114250	AEX 477.1TL OPENB	EUR	5,4480	5,4480	5,4480			5,4480					
Certificate	NL0012113112	AEX 477.28L OPENB	EUR	5,2340	5,2440	4,5790	15699,7300	5	4,5790	3095				
Certificate	DE000VA71RL3	AEX 477.2TL OPENV	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	NL0012175830	AEX 477.3TRLOPENH	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CV4Z7V4	AEX 477.9TL OPENZ	EUR	2,0160	2,0160	2,0160			2,0160					
Certificate	NL0013084049	AEX 478.2TL OPENH	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	DE000VA71RM1	AEX 478.2TL OPENV	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000CVAW86	AEX 478.3TL OPENC	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	DE000CJ3PNE3	AEX 478.6TL OPENZ	EUR	4,4240	4,4240	4,4240			4,4240					
Certificate	NL0012177208	AEX 478.9TRLOPENH	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0012114805	AEX 479.1TL OPENB	EUR	5,2490	5,2490	5,2490			5,2490					
Certificate	DE000VA71RN9	AEX 479.2TL OPENV	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0012197123	AEX 479.6TL OPENH	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	NL0013083231	AEX 479.9TRLOPENH	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	LU1841027227	AEX 480.7TCIOPENS	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	NL0013086002	AEX 480.7TL OPENH	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	DE000CE6BKB3	AEX 480.8TL OPENZ	EUR	4,2080	4,2080	4,2080			4,2080					
Certificate	NL0012114458	AEX 481.38L OPENB	EUR	4,6140	4,6190	4,1620	1153,5000	1	4,1620	250				
Certificate	NL0012116271	AEX 481.5TL OPENB	EUR	5,0130	5,0130	5,0130			5,0130					
Certificate	NL0012179147	AEX 481.5TRLOPENH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	NL0012198709	AEX 481.9TL OPENH	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	NL0012114490	AEX 482.38L OPENB	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	NL0012116818	AEX 482.4TL OPENB	EUR	5,3420	5,3470	4,9220	10900,3000	3	4,9220	2150				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6BL35	AEX 482.7TL OPENZ	EUR	4,5850	4,5850	4,0130	318,4000	2	4,0130	70				
Certificate	NL0012200158	AEX 482.8TL OPENH	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	NL0012114508	AEX 482.98L OPENB	EUR	3,9980	3,9980	3,9980			3,9980					
Certificate	NL0012201032	AEX 483.7TL OPENH	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	DE000CV4YQA8	AEX 483.9TL OPENZ	EUR	1,8110	1,8110	1,8110			1,8110					
Certificate	NL0012115877	AEX 484.38L OPENB	EUR	4,4710	4,4710	3,8660	1703,0000	3	3,8660	400				
Certificate	LU1841027490	AEX 484.3TCIOPENS	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	NL0012201024	AEX 484.7TL OPENH	EUR	4,8200	4,8200	4,3100	7230,0000	1	4,3100	1500				
Certificate	DE000CE6BPY4	AEX 484.7TL OPENZ	EUR	4,3590	4,3590	3,8180	4359,0000	1	3,8180	1000				
Certificate	DE000CYOAYF6	AEX 485.3TL OPENC	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	NL0012116529	AEX 485.88L OPENB	EUR	4,3700	4,3700	3,7150	4955,0000	3	3,7150	1200				
Certificate	DE000VN66GQ8	AEX 485.8TL OPENV	EUR	4,7700	4,7700	4,7700			4,7700					
Certificate	NL0013079064	AEX 486.3TL OPENH	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	NL0012116891	AEX 486.5TL OPENB	EUR	5,0570	5,0670	4,5220	2634,8000	3	4,5220	525				
Certificate	DE000CE6BP21	AEX 486.7TL OPENZ	EUR	3,6190	3,6190	3,6190			3,6190					
Certificate	DE000CY165A0	AEX 486.8TL OPENC	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	LU1841027573	AEX 487.1TCIOPENS	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	NL0012200224	AEX 487.2TRLOPENH	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	NL0012117345	AEX 487.38L OPENB	EUR	4,1300	4,1300	3,5600	1832,7500	3	3,5600	450				
Certificate	NL0013079056	AEX 487.3TL OPENH	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	DE000VL76GG2	AEX 487.6TL OPENV	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	DE000CV4Z7U6	AEX 487.9TL OPENZ	EUR	1,8870	1,8870	1,6170	1615,6700	8	1,6170	910				
Certificate	NL0012116925	AEX 488.1TL OPENB	EUR	5,0340	5,0340	4,3690	5497,9000	3	4,3690	1100				
Certificate	NL0012117360	AEX 488.48L OPENB	EUR	4,1270	4,1270	3,4570	157026,3100	24	3,4570	40210				
Certificate	DE000VL76GH0	AEX 488.6TL OPENV	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	DE000CE6BTS8	AEX 488.7TL OPENZ	EUR	3,4240	3,4240	3,4240			3,4240					
Certificate	NL0012200984	AEX 488.8TL OPENH	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	NL0012200695	AEX 488.8TRLOPENH	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	NL0012120307	AEX 488.9TL OPENB	EUR	4,2920	4,2920	4,2920			4,2920					
Certificate	NL0012120315	AEX 489.4TL OPENB	EUR	4,7510	4,7510	4,2410	475,1000	1	4,2410	100				
Certificate	LU1841027656	AEX 489.5TCIOPENS	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	NL0012200976	AEX 489.8TL OPENH	EUR	4,2300	4,2300	3,8100	16497,0000	1	3,8100	3900				
Certificate	NL0012120323	AEX 489.9TL OPENB	EUR	4,1050	4,1900	4,1050	821,0000	1	4,1900	200				
Certificate	NL0012200679	AEX 490.3TRLOPENH	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	DE000CE6BTT6	AEX 490.7TL OPENZ	EUR	3,2260	3,2260	3,2260			3,2260					
Certificate	NL0012120349	AEX 490.9TL OPENB	EUR	4,7560	4,7660	4,0910	34608,4700	11	4,0910	7751				
Certificate	NL0012207427	AEX 491.1TL OPENH	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	LU1841027730	AEX 491.4TCIOPENS	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012200646	AEX 491.9TRLOPENH	EUR	3,5000	3,5700	3,0400	2478,0000	2	3,0400	700				
Certificate	NL0013079049	AEX 492.3TL OPENH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0012117931	AEX 492.58L OPENB	EUR	3,6820	3,6820	3,0520	259738,8700	23	3,0520	80164				
Certificate	DE000CE6BXR2	AEX 492.6TL OPENZ	EUR	3,1700	3,1700	3,0310	951,0000	1	3,0310	300				
Certificate	NL0012200620	AEX 492.9TRLOPENH	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	LU1841027813	AEX 493.1TCIOPENS	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	NL0012259113	AEX 493.3TL OPENB	EUR	4,5030	4,5030	3,8580	3994,2000	2	3,8580	900				
Certificate	NL0013079031	AEX 493.3TL OPENH	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	NL0013082761	AEX 493.4TRLOPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000VN66GY2	AEX 493.8TL OPENV	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000CV4YQ96	AEX 493.9TL OPENZ	EUR	1,6810	1,6810	1,4120	163,5500	2	1,4120	100				
Certificate	DE000VL76CX6	AEX 494.1TL OPENV	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	NL0012259121	AEX 494.3TL OPENB	EUR	4,2960	4,3010	3,7560	25660,4900	7	3,7560	6190				
Certificate	NL0013079023	AEX 494.3TL OPENH	EUR	3,8500	3,8500	3,3700	962,5000	1	3,3700	250				
Certificate	LU1841027904	AEX 494.5TCIOPENS	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000CE6BYB4	AEX 494.5TL OPENZ	EUR	2,8460	2,8460	2,8460			2,8460					
Certificate	NL0012202063	AEX 494.5TRLOPENH	EUR	3,2900	3,2900	2,7800	32,9000	1	2,7800	10				
Certificate	NL0012117972	AEX 494.68L OPENB	EUR	3,4030	3,5030	2,7880	41650,2400	8	2,8430	12810				
Certificate	NL0012276349	AEX 494.8TL OPENB	EUR	3,7110	3,7110	3,7110			3,7110					
Certificate	NL0013082753	AEX 494.9TRLOPENH	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	NL0012117980	AEX 495.18L OPENB	EUR	3,4550	3,4700	2,7900	1036,5000	1	2,7900	300				
Certificate	NL0012213151	AEX 495.1TL OPENH	EUR	3,9400	3,9400	3,2900	40892,0000	3	3,2900	10400				
Certificate	DE000VL76CY4	AEX 495.1TL OPENV	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	DE000CE6BZ54	AEX 495.3TL OPENZ	EUR											
Certificate	NL0012202048	AEX 495.5TRLOPENH	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	NL0012117998	AEX 495.78L OPENB	EUR	3,3440	3,3440	2,6840	3970,0000	6	2,7390	1340				
Certificate	NL0012276554	AEX 495.7TL OPENB	EUR	4,1270	4,3270	3,6170	59224,4000	21	3,6170	14875				
Certificate	DE000VN66G03	AEX 495.8TL OPENV	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	DE000VL76CZ1	AEX 496.1TL OPENV	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000CE6BYC2	AEX 496.5TL OPENZ	EUR	2,6480	2,6480	2,6480			2,6480					
Certificate	NL0012202022	AEX 496.6TRLOPENH	EUR	3,0000	3,0000	2,5800	1500,0000	1	2,5800	500				
Certificate	NL0012119127	AEX 496.78L OPENB	EUR	3,1710	3,1960	2,6360		2	2,6360	1000				
Certificate	NL0012276562	AEX 496.7TL OPENB	EUR	4,1020	4,1420	3,5170	7730,8000	5	3,5170	1900				
Certificate	NL0012366538	AEX 496.9TL OPENH	EUR	3,1200	3,1200	3,1200			3,1200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013081854	AEX 497.1TRL OPENH	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	NL0012121685	AEX 497.2BL OPENB	EUR	3,2230	3,2330	2,5880	6322,5000	2	2,5880	2000				
Certificate	NL0012122808	AEX 497.6BL OPENB	EUR	3,0650	3,2100	2,5400	9687,9800	15	2,5400	3254				
Certificate	NL0012491617	AEX 497.6TL OPENB	EUR	4,0780	4,0780	3,4480	13328,8000	5	3,4480	3350				
Certificate	LU1841028035	AEX 497.7TCI OPENS	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	NL0013080369	AEX 497.7TRL OPENH	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CE6C071	AEX 498.5TL OPENZ	EUR	2,9200	2,9200	2,4540	1226,8000	3	2,4540	435				
Certificate	NL0012203954	AEX 498.6TRL OPENH	EUR	2,9700	2,9700	2,2200	28277,5000	9	2,3700	11000				
Certificate	DE000CV8BDN8	AEX 498.9TL OPENZ	EUR	1,4740	1,4740	1,2130	3630,0000	2	1,2130	2500				
Certificate	NL0012123087	AEX 499.1BL OPENB	EUR	2,7850	2,9490	2,3250	92406,8500	21	2,3800	33150				
Certificate	NL0013018559	AEX 499.1TL OPENB	EUR	3,2960	3,2960	2,7760	3042,0300	2	2,7760	927				
Certificate	NL0012491641	AEX 499.1TL OPENB	EUR	3,8590	3,8590	3,2890	163248,3100	13	3,2890	43090				
Certificate	LU1841028118	AEX 499.3TCI OPENS	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	NL0013018567	AEX 499.6TL OPENB	EUR	3,1820	3,1920	2,7270	3150,1800	1	2,7270	990				
Certificate	NL0012209373	AEX 499.6TRL OPENH	EUR	2,9500	2,9600	2,1300	84726,3700	39	2,2700	32855				
Certificate	NL0012123095	AEX 499.7BL OPENB	EUR	2,8530	3,0280	2,2580	127557,1100	43	2,3280	46204				
Certificate	NL0012436950	AEX 499.8TL OPENH	EUR	3,4600	3,5000	2,8100	108435,0000	13	2,8100	36600				
Certificate	NL0013018575	AEX 500.1TL OPENB	EUR	3,2970	3,2970	2,6770	33247,0000	3	2,6770	11000				
Certificate	DE000VL76C07	AEX 500.1TL OPENV	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	DE000CE6BYE8	AEX 500.5TL OPENZ	EUR	2,9230	2,9230	2,1950	30461,8700	13	2,2530	12287				
Certificate	LU1841028209	AEX 500.6TCI OPENS	EUR											
Certificate	NL0013018583	AEX 500.6TL OPENB	EUR	2,6280	2,6280	2,6280			2,6280					
Certificate	DE000VA80JH9	AEX 500.6TL OPENV	EUR											
Certificate	NL0013146202	AEX 500.7BL OPENB	EUR	2,8450	2,8450	2,1000	9409,6600	33	2,2200	4026				
Certificate	LU1859903624	AEX 500.8TCI OPENS	EUR	2,8500	2,8500	2,2200	1548,9600	3	2,2200	576				
Certificate	DE000VN66G52	AEX 500.8TL OPENV	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	NL0013129059	AEX 500.8TRL OPENH	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0013018591	AEX 501.1TL OPENB	EUR	2,5780	2,5780	2,5780			2,5780					
Certificate	NL0012436943	AEX 501.1TL OPENH	EUR											
Certificate	DE000VL76C15	AEX 501.1TL OPENV	EUR	3,3500	3,3550	2,9200	335,0000	1	2,9200	100				
Certificate	LU1840975590	AEX 501.4TCI OPENS	EUR											
Certificate	NL0013018609	AEX 501.6TL OPENB	EUR	3,1990	3,1990	2,5290	966,7800	4	2,5290	319				
Certificate	NL0013126600	AEX 501.6TL OPENH	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	DE000VA80JUS	AEX 501.6TL OPENV	EUR											
Certificate	NL0013080351	AEX 501.6TRL OPENH	EUR											
Certificate	NL0013146210	AEX 501.7BL OPENB	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	LU1859903897	AEX 501.7TCI OPENS	EUR	2,5500	2,5500	2,1300	2550,0000	1	2,1300	1000				
Certificate	DE000VN66G60	AEX 501.8TL OPENV	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	NL0013018955	AEX 502.1TL OPENB	EUR	3,0010	3,1710	2,4810	16319,4000	5	2,4810	5400				
Certificate	DE000VL76C23	AEX 502.1TL OPENV	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	NL0012210702	AEX 502.1TRL OPENH	EUR											
Certificate	DE000CE6F983	AEX 502.3TL OPENZ	EUR											
Certificate	LU1859903970	AEX 502.4TCI OPENS	EUR	2,6300	2,6300	2,0200	1152,1000	4	2,0600	530				
Certificate	DE000CJ3PP60	AEX 502.5TL OPENZ	EUR	2,5820	2,6150	2,0620	38811,0000	3	2,0620	15000				
Certificate	NL0013128614	AEX 502.5TRL OPENH	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	LU1840975673	AEX 502.6TCI OPENS	EUR											
Certificate	NL0013126592	AEX 502.6TL OPENH	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000VA80JK3	AEX 502.6TL OPENV	EUR											
Certificate	NL0013146228	AEX 502.7BL OPENB	EUR	2,6250	2,6250	2,0200	5250,0000	1	2,0200	2000				
Certificate	DE000VL76GV1	AEX 502.7TL OPENV	EUR	3,1600	3,1600	2,7200	15,8000	1	2,7200	5				
Certificate	NL0012238786	AEX 503.1TRL OPENH	EUR											
Certificate	LU1859910249	AEX 503.4TCI OPENS	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0013127053	AEX 503.5TL OPENH	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0013128598	AEX 503.5TRL OPENH	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0013145436	AEX 503.6TL OPENB	EUR	2,8000	2,8000	2,3300	7800,0000	2	2,3300	3000				
Certificate	DE000VA80JM9	AEX 503.6TL OPENV	EUR											
Certificate	NL0013146236	AEX 503.7BL OPENB	EUR	2,4150	2,4150	1,9200	277,2000	3	1,9200	115				
Certificate	LU1840975756	AEX 503.7TCI OPENS	EUR											
Certificate	DE000CV16E48	AEX 503.8TL OPENC	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	DE000CJ3PQJ5	AEX 503.9TL OPENZ	EUR	1,1960	1,2650	0,9690	8292,2500	24	0,9800	7105				
Certificate	DE000CV4YQ88	AEX 503.9TL OPENZ	EUR											
Certificate	LU1859910322	AEX 504.1TCI OPENS	EUR	2,3100	2,3100	1,9000	690,6900	1	1,9000	299				
Certificate	NL0012437560	AEX 504.1TL OPENH	EUR											
Certificate	DE000CJ3PTP6	AEX 504.5TL OPENZ	EUR	1,8170	1,8170	1,8170			1,8170					
Certificate	NL0013128572	AEX 504.5TRL OPENH	EUR	2,3900	2,3900	1,7400	144834,0000	25	1,7800	74700				
Certificate	NL0013145444	AEX 504.6TL OPENB	EUR	2,6960	2,6960	2,1760	10352,5000	6	2,2310	4000				
Certificate	DE000VA80JN7	AEX 504.6TL OPENV	EUR											
Certificate	NL0013146244	AEX 504.7BL OPENB	EUR	2,4400	2,4400	1,6500	311483,9000	21	1,8200	142600				
Certificate	LU1840975830	AEX 504.7TCI OPENS	EUR											
Certificate	NL0013128028	AEX 505.1TL OPENH	EUR	3,0000	3,0000	2,3100	1800,0000	1	2,3100	600				
Certificate	NL0013146251	AEX 505.2BL OPENB	EUR	2,4450	2,4900	1,7700	29368,8000	6	1,7700	11920				
Certificate	LU1859910595	AEX 505.2TCI OPENS	EUR	1,7900	1,7900	1,7900			1,7900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1840975913	AEX 505.5TCIOPENS	EUR											
Certificate	NL0013129547	AEX 505.5TL OPENH	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	NL0013145451	AEX 505.6TL OPENB	EUR	2,6570	2,6820	2,1320	18269,2300	4	2,1320	6940				
Certificate	DE000VA80JP2	AEX 505.6TL OPENV	EUR											
Certificate	NL0013146269	AEX 505.78L OPENB	EUR	2,2450	2,4500	1,5820	1283935,8000	73	1,7200	598500				
Certificate	NL0013129042	AEX 505.8TRLOPENH	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CY50IQ3	AEX 506.1TL OPENC	EUR	2,7500	2,7600	2,6500	8180,0000	3	2,6500	3000				
Certificate	LU1859910678	AEX 506.2TCIOPENS	EUR	1,6900		1,6900			1,6900					
Certificate	LU1840976051	AEX 506.3TCIOPENS	EUR											
Certificate	NL0013129539	AEX 506.5TL OPENH	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	DE000CJ3PTQ4	AEX 506.5TL OPENZ	EUR	2,1530	2,2070	1,6000	14987,4800	7	1,6200	6950				
Certificate	NL0013145469	AEX 506.6TL OPENB	EUR	2,5430	2,5430	2,0330	11769,2600	3	2,0330	4750				
Certificate	DE000VA80JQ0	AEX 506.6TL OPENV	EUR											
Certificate	LU1521122546	AEX 506.8TCIOPENS	EUR											
Certificate	DE000VN66HB8	AEX 506.8TL OPENV	EUR	3,0300	3,0300	2,6100	303,0000	1	2,6100	100				
Certificate	NL0013129034	AEX 506.8TRLOPENH	EUR	1,7000	1,7000	1,5600	374,0000	1	1,5600	220				
Certificate	DE000CY50IR1	AEX 507.1TL OPENC	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	NL0013129026	AEX 507.3TRLOPENH	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	NL0013129521	AEX 507.5TL OPENH	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	NL0013145477	AEX 507.6TL OPENB	EUR	2,5190	2,5190	1,9340	11183,0300	3	1,9340	4475				
Certificate	DE000VA80J6	AEX 507.6TL OPENV	EUR											
Certificate	DE000VL2FLZ8	AEX 507.6TL OPENV	EUR	2,4700	2,4750	2,4100	2470,0000	1	2,4100	1000				
Certificate	DE000VN66HC6	AEX 507.8TL OPENV	EUR	3,0000	3,0000	2,5100	300,0000	1	2,5100	100				
Certificate	NL0013129018	AEX 507.8TRLOPENH	EUR	1,4900	1,5200	1,4700	5990,0000	4	1,4700	4000				
Certificate	DE000CY16MY2	AEX 507.9TL OPENC	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	LU1859910835	AEX 508.1TCIOPENS	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000CY50J59	AEX 508.1TL OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	LU1840976135	AEX 508.2TCIOPENS	EUR											
Certificate	NL0013129000	AEX 508.3TRLOPENH	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0013129513	AEX 508.5TL OPENH	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000CJ3PWH7	AEX 508.5TL OPENZ	EUR	1,4890	1,4890	1,3700	1393,9800	4	1,4290	955				
Certificate	NL0013145485	AEX 508.6TL OPENB	EUR	1,9600	1,9600	1,8350	1932,5000	2	1,8350	1000				
Certificate	DE000VA87E52	AEX 508.6TL OPENV	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	NL0013128994	AEX 508.8TRLOPENH	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	LU1859912880	AEX 508.9TCIOPENS	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CJ3PT41	AEX 508.9TL OPENZ	EUR	1,0310	1,0340	0,7000	3751,2800	9	0,7630	4188				
Certificate	NL0013128986	AEX 509.3TRLOPENH	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CY16QJ4	AEX 509.5TL OPENC	EUR	3,3600	3,5300	2,8700	18434,9000	15	2,8700	5470				
Certificate	NL0013129505	AEX 509.5TL OPENH	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0013145493	AEX 509.6TL OPENB	EUR	2,4010	2,4010	1,7360	4466,1400	2	1,7360	1990				
Certificate	DE000VA87ET0	AEX 509.6TL OPENV	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	LU1859912963	AEX 509.8TCIOPENS	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0013128978	AEX 509.8TRLOPENH	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0013128960	AEX 510.3TRLOPENH	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0013129497	AEX 510.5TL OPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0013145501	AEX 510.6TL OPENB	EUR	2,1980	2,2670	1,6370	16538,3000	10	1,6370	8035				
Certificate	DE000VA87EU8	AEX 510.6TL OPENV	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	NL0013128952	AEX 510.8TRLOPENH	EUR	1,8300	1,8300	1,0400	102838,8500	63	1,1700	67385				
Certificate	DE000CJ3PNS3	AEX 510.9TS OPENZ	EUR											
Certificate	NL0013145519	AEX 511.1TL OPENB	EUR	2,2530	2,2530	1,5380	5526,2000	3	1,5880	3400				
Certificate	NL0013017932	AEX 511.3TS OPENB	EUR											
Certificate	NL0013129489	AEX 511.5TL OPENH	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	NL0013145527	AEX 511.6TL OPENB	EUR	2,0480	2,2230	1,4980	321572,2600	82	1,5380	161912				
Certificate	NL0013017940	AEX 511.8TS OPENB	EUR											
Certificate	NL0013017957	AEX 512.3TS OPENB	EUR											
Certificate	NL0013129471	AEX 512.5TL OPENH	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	NL0013017965	AEX 512.8TS OPENB	EUR											
Certificate	NL0013016835	AEX 513.3TS OPENB	EUR											
Certificate	NL0013018989	AEX 513.3TS OPENB	EUR											
Certificate	NL0013129463	AEX 513.5TL OPENH	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	LU1696502415	AEX 513.8TCIOPENS	EUR											
Certificate	NL0013018997	AEX 513.8TS OPENB	EUR											
Certificate	NL0013016843	AEX 513.8TS OPENB	EUR											
Certificate	DE000CJ3PWN5	AEX 513.9TL OPENZ	EUR	0,8190	0,8360	0,5500	3330,7800	12	0,5670	5165				
Certificate	NL0013016850	AEX 514.3TS OPENB	EUR											
Certificate	NL0013129455	AEX 514.5TL OPENH	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	LU1859844356	AEX 514.7TCIOPENS	EUR											
Certificate	NL0013017437	AEX 515.1BS OPENB	EUR											
Certificate	LU1859844430	AEX 515.2TCIOPENS	EUR											
Certificate	NL0013016868	AEX 515.3TS OPENB	EUR											
Certificate	NL0013129448	AEX 515.5TL OPENH	EUR	1,8300	1,8600	1,2300	47412,5000	13	1,2700	30300				
Certificate	NL0013017445	AEX 515.6BS 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	DE000CJ3PNT1	AEX 515.9TS OPENZ	EUR											
Certificate	NL0013017452	AEX 516.1BS OPENB	EUR											
Certificate	LU1859844513	AEX 516.1TPIOPENS	EUR											
Certificate	NL0013016876	AEX 516.3TS OPENB	EUR											
Certificate	NL0013016157	AEX 516.8TS OPENB	EUR											
Certificate	NL0013017460	AEX 517.1BS OPENB	EUR											
Certificate	LU1859844604	AEX 517.1TPIOPENS	EUR											
Certificate	NL0013015118	AEX 517.3TS OPENB	EUR											
Certificate	NL0013015126	AEX 517.8TS OPENB	EUR											
Certificate	NL0013017478	AEX 518.1BS OPENB	EUR											
Certificate	LU1859844786	AEX 518.1TPIOPENS	EUR											
Certificate	DE000VA8F4N2	AEX 518.1TS OPENV	EUR											
Certificate	NL0013125792	AEX 518.2TRSOPENH	EUR											
Certificate	NL0013015134	AEX 518.3TS OPENB	EUR											
Certificate	NL0013125784	AEX 518.7TRSOPENH	EUR											
Certificate	NL0013017486	AEX 519.1BS OPENB	EUR											
Certificate	DE000VA8F4Q5	AEX 519.1TS OPENV	EUR											
Certificate	NL0013016215	AEX 519.2BS OPENB	EUR											
Certificate	NL0013086440	AEX 519.3TRSOPENH	EUR											
Certificate	NL0013015159	AEX 519.3TS OPENB	EUR											
Certificate	NL0013015142	AEX 519.3TS OPENB	EUR											
Certificate	NL0013016207	AEX 519.4BS OPENB	EUR											
Certificate	LU1859844869	AEX 519.4TPIOPENS	EUR											
Certificate	NL0013086457	AEX 519.5TRSOPENH	EUR											
Certificate	NL0013016223	AEX 519.7BS OPENB	EUR											
Certificate	NL0013086432	AEX 519.8TRSOPENH	EUR											
Certificate	DE000VA8F1M0	AEX 520.1TS OPENV	EUR											
Certificate	LU1859828409	AEX 520.3TPIOPENS	EUR											
Certificate	NL0013086424	AEX 520.3TRSOPENH	EUR											
Certificate	NL0013015167	AEX 520.3TS OPENB	EUR											
Certificate	NL0013016231	AEX 520.7BS OPENB	EUR											
Certificate	NL0013086416	AEX 520.8TRSOPENH	EUR											
Certificate	DE000CJ3PJ03	AEX 520.9TS OPENZ	EUR											
Certificate	DE000VA8F1Q1	AEX 521.1TS OPENV	EUR											
Certificate	NL0013014582	AEX 521.2BS OPENB	EUR											
Certificate	LU1859828581	AEX 521.2TPIOPENS	EUR											
Certificate	NL0013086408	AEX 521.3TRSOPENH	EUR											
Certificate	NL0013015175	AEX 521.3TS OPENB	EUR											
Certificate	DE000CJ3PNH6	AEX 521.5TS OPENZ	EUR											
Certificate	NL0013014590	AEX 521.6BS OPENB	EUR											
Certificate	NL0013086390	AEX 521.8TRSOPENH	EUR											
Certificate	NL0013014608	AEX 522.1BS OPENB	EUR											
Certificate	LU1859828664	AEX 522.1TPIOPENS	EUR											
Certificate	DE000VA8F157	AEX 522.1TS OPENV	EUR											
Certificate	NL0013086382	AEX 522.3TRSOPENH	EUR											
Certificate	NL0013015183	AEX 522.3TS OPENB	EUR											
Certificate	LU1859828748	AEX 522.7TPIOPENS	EUR											
Certificate	NL0013086374	AEX 522.8TRSOPENH	EUR											
Certificate	NL0013014616	AEX 523.1BS OPENB	EUR	0,0100	0,0100	0,0100	21,0000	1	0,0100	2100				
Certificate	DE000VA8FXW0	AEX 523.1TS OPENV	EUR											
Certificate	NL0013086366	AEX 523.3TRSOPENH	EUR											
Certificate	NL0013015191	AEX 523.3TS OPENB	EUR	0,0350	0,0950	0,0350	1530,0000	2	0,0850	18000				
Certificate	DE000CJ3PKF6	AEX 523.3TS OPENZ	EUR											
Certificate	NL0013086358	AEX 523.8TRSOPENH	EUR											
Certificate	NL0013014624	AEX 524.1BS OPENB	EUR											
Certificate	DE000VA8FVU8	AEX 524.1TS OPENV	EUR											
Certificate	NL0013124597	AEX 524.3TRSOPENH	EUR											
Certificate	NL0013015209	AEX 524.3TS OPENB	EUR											
Certificate	NL0013086341	AEX 524.8TRSOPENH	EUR											
Certificate	NL0013014632	AEX 525.1BS OPENB	EUR											
Certificate	DE000VA8FVW4	AEX 525.1TS OPENV	EUR											
Certificate	NL0013015217	AEX 525.3TS OPENB	EUR											
Certificate	DE000CJ3PGW9	AEX 525.3TS OPENZ	EUR	0,0460	0,0460	0,0370	88,7000	4	0,0370	2385				
Certificate	NL0013086333	AEX 525.8TRSOPENH	EUR											
Certificate	DE000CJ3PJE1	AEX 525.9TS OPENZ	EUR	0,1420	0,1420	0,1420	28,4000	1	0,1420	200				
Certificate	NL0013014640	AEX 526.1BS OPENB	EUR											
Certificate	DE000VA8FVZ7	AEX 526.1TS OPENV	EUR											
Certificate	NL0013015225	AEX 526.3TS OPENB	EUR	0,5030	0,5030	0,5030	1006,0000	1	0,5030	2000				
Certificate	LU1859828821	AEX 526.7TPIOPENS	EUR											
Certificate	NL0013086325	AEX 526.8TRSOPENH	EUR											
Certificate	NL0013014657	AEX 527.1BS OPENB	EUR	0,1040	0,1040	0,0100	211,9900	2	0,0100	2399				
Certificate	DE000VA8FV35	AEX 527.1TS 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	LU1859829043	AEX 527.3TPIOPENS	EUR											
Certificate	NL0013015233	AEX 527.3TS OPENB	EUR											
Certificate	DE000CJ3PGX7	AEX 527.3TS OPENZ	EUR	0,1110	0,1110	0,1110	2,7800	1	0,1110			25		
Certificate	NL0013086317	AEX 527.8TRSOPEH	EUR	0,1100	0,1100	0,1100	8,8000	1	0,1100			80		
Certificate	NL0013014665	AEX 528.1BS OPENB	EUR	0,2160	0,2160	0,0530	37,7000	2	0,0530			250		
Certificate	DE000VA8FV50	AEX 528.1TS OPENV	EUR											
Certificate	NL0013014004	AEX 528.3TS OPENB	EUR	0,6780	0,6830	0,4880	3930,9000	7	0,6130			6300		
Certificate	NL0013086309	AEX 528.8TRSOPEH	EUR	0,1500	0,9200	0,1500	20878,7500	20	0,7700			37530		
Certificate	NL0013014012	AEX 528.8TS OPENB	EUR	0,5940	1,4190	0,5690	66687,4600	19	1,2540			75701		
Certificate	NL0013014673	AEX 529.1BS OPENB	EUR	0,1430	0,9370	0,1430	393714,9800	55	0,8470			886475		
Certificate	DE000VA8FV76	AEX 529.1TS OPENV	EUR											
Certificate	NL0013014020	AEX 529.3TS OPENB	EUR	0,6940	1,4390	0,6640	133211,3100	24	1,3040			144200		
Certificate	DE000CJ3PGY5	AEX 529.3TS OPENZ	EUR	0,2320	0,9070	0,1820	36863,9500	35	0,7740			71925		
Certificate	NL0013086291	AEX 529.8TRSOPEH	EUR	0,2400	0,9000	0,2400	101602,0000	14	0,8600			123400		
Certificate	NL0013085210	AEX 529.9TS OPENH	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	NL0013014681	AEX 530.1BS OPENB	EUR	0,3250	1,0110	0,3200	329641,7300	36	0,9510			444910		
Certificate	DE000VA8FWA8	AEX 530.1TS OPENV	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	NL0013014038	AEX 530.3TS OPENB	EUR	0,9800	1,4250	0,8000	46992,5000	10	1,4050			52600		
Certificate	NL0013086283	AEX 530.8TRSOPEH	EUR	0,3800	1,0600	0,3800	52695,0000	30	0,9500			85000		
Certificate	DE000CJ3PFB5	AEX 530.9TS OPENZ	EUR	0,3320	0,3320	0,3160	194,4000	2	0,3160			600		
Certificate	NL0013014699	AEX 531.1BS OPENB	EUR	0,5310	1,1060	0,3710	368321,9700	52	1,0510			387096		
Certificate	DE000VA8FWD2	AEX 531.1TS OPENV	EUR	0,3800	0,9100	0,3300	7188,0000	7	0,8800			15000		
Certificate	NL0013014046	AEX 531.3TS OPENB	EUR	0,9960	1,5060	0,9660	30556,0000	3	1,5060			30001		
Certificate	DE000CJ3PG22	AEX 531.3TS OPENZ	EUR											
Certificate	NL0013008329	AEX 532.1BS OPENB	EUR	0,6510	1,3060	0,5010	52777,4000	69	1,1460			63121		
Certificate	DE000VA8FWG5	AEX 532.1TS OPENV	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	NL0013009335	AEX 532.2TS OPENB	EUR	1,0780	1,6030	0,9980	21401,4000	10	1,6030			17300		
Certificate	NL0013080302	AEX 532.3TRSOPEH	EUR	0,5600	1,1000	0,5600	7945,0000	8	1,1000			9300		
Certificate	NL0013080294	AEX 532.8TRSOPEH	EUR	0,6100	1,1500	0,5500	9700,0000	6	1,1500			14000		
Certificate	NL0013081284	AEX 532.9TS OPENH	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0013008337	AEX 533.1BS OPENB	EUR	1,2960	1,2960	1,2460	129,6000	1	1,2460			100		
Certificate	DE000VA8FWL5	AEX 533.1TS OPENV	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	NL0013009343	AEX 533.2TS OPENB	EUR	1,2840	1,8040	1,2790	121520,0000	3	1,7040			80000		
Certificate	DE000CJ3N7X0	AEX 533.2TS OPENZ	EUR	0,6620	1,2750	0,4750	39409,0400	43	1,1560			43370		
Certificate	NL0013080286	AEX 533.3TRSOPEH	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	NL0013080278	AEX 533.8TRSOPEH	EUR	0,6900	1,2800	0,6900	185220,0000	56	1,2500			200000		
Certificate	NL0013081276	AEX 533.9TS OPENH	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0013008345	AEX 534.1BS OPENB	EUR	0,6910	1,4260	0,6810	354335,3800	21	1,3460			371500		
Certificate	NL0013009350	AEX 534.2TS OPENB	EUR	1,0840	1,8040	1,0840	10840,0000	1	1,8040			10000		
Certificate	NL0013080260	AEX 534.3TRSOPEH	EUR	0,7100	1,3600	0,7100	83788,2000	12	1,3000			100220		
Certificate	LU1840973546	AEX 534.4TPIOPENS	EUR	1,1700	1,1800	1,0600	669,0000	2	1,1800			600		
Certificate	DE000VA71P91	AEX 534.4TS OPENV	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	NL0013080252	AEX 534.8TRSOPEH	EUR	1,1000	1,3700	1,1000	23603,0000	4	1,3500			18900		
Certificate	NL0013081268	AEX 534.9TS OPENH	EUR	1,4200	1,9900	1,4200	4690,1000	5	1,9900			2840		
Certificate	NL0013008352	AEX 535.1BS OPENB	EUR	0,9410	1,4460	0,8460	159610,1900	22	1,4460			164593		
Certificate	DE000CJ3N377	AEX 535.1TS OPENZ	EUR	0,7000	1,3370	0,7000	549,9000	4	1,3370			650		
Certificate	NL0013009368	AEX 535.2TS OPENB	EUR	1,2500	1,9300	1,2450	31866,4000	10	1,9050			22260		
Certificate	LU1840973629	AEX 535.3TPIOPENS	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	NL0013080245	AEX 535.3TRSOPEH	EUR	0,9700	1,4000	0,9300	2030,0000	3	1,4000			2000		
Certificate	DE000VA71QA8	AEX 535.4TS OPENV	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	NL0013080237	AEX 535.8TRSOPEH	EUR	0,9700	1,4500	0,9700	1576,0000	2	1,4500			1600		
Certificate	NL0013081250	AEX 535.9TS OPENH	EUR	1,6900	2,1300	1,5100	17221,4000	7	2,0900			9500		
Certificate	DE000CJ3N5T2	AEX 535.9TS OPENZ	EUR	1,9260	1,9260	1,9260			1,9260					
Certificate	NL0013008360	AEX 536.1BS OPENB	EUR	0,9610	1,5460	0,8710	1889,7300	8	1,5460			1990		
Certificate	LU1840973892	AEX 536.2TPIOPENS	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	NL0013009376	AEX 536.2TS OPENB	EUR	1,9410	2,0060	1,9410	931,6800	1	2,0060			480		
Certificate	NL0013080229	AEX 536.3TRSOPEH	EUR	0,8700	1,6500	0,8700	1276,0500	3	1,5000			965		
Certificate	DE000VA71QB6	AEX 536.4TS OPENV	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	NL0013080211	AEX 536.8TRSOPEH	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0013081243	AEX 536.9TS OPENH	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0013009384	AEX 537.2TS OPENB	EUR	2,1070	2,1070	2,1070			2,1070					
Certificate	DE000CJ3PEE2	AEX 537.2TS OPENZ	EUR	1,0470	1,5440	1,0470	2191,2000	3	1,5440			2000		
Certificate	LU1840973975	AEX 537.3TPIOPENS	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0013080203	AEX 537.3TRSOPEH	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000VA71QC4	AEX 537.4TS OPENV	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0013080195	AEX 537.8TRSOPEH	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	NL0013081235	AEX 537.9TS OPENH	EUR	1,6800	2,3000	1,6800	19350,0000	2	2,3000			10000		
Certificate	NL0013007073	AEX 538.2TS OPENB	EUR	1,6960	2,2010	1,6960	508,8000	1	2,2010			300		
Certificate	NL0013080187	AEX 538.3TRSOPEH	EUR	1,2300	1,7000	1,2200	3211,0000	2	1,7000			2600		
Certificate	DE000VA71QD2	AEX 538.4TS OPENV	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	LU1840974197	AEX 538.5TPIOPENS	EUR	1,1000	1,5900	1,1000	247,5000	1	1,5900			225		
Certificate	NL0013007081	AEX 538.6TS OPENB	EUR	1,7310	2,2510	1,7310	32,8900	1	2,2510			19		



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013080179	AEX 538.8TRSOPENH	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0013081227	AEX 538.9TS OPENH	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0013007099	AEX 539.1TS OPENB	EUR	1,7460	2,3210	1,6460	14653,2200	25	2,3010	7363				
Certificate	NL0013080161	AEX 539.3TRSOPENH	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000VA71QE0	AEX 539.4TS OPENV	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	NL0013007107	AEX 539.6TS OPENB	EUR	1,8560	2,3510	1,8560	185,6000	1	2,3510	100				
Certificate	NL0013080153	AEX 539.8TRSOPENH	EUR	1,2500	1,8400	1,2500	125487,8000	43	1,8400	86240				
Certificate	NL0013079940	AEX 539.8TS OPENH	EUR	1,8000	2,5100	1,8000	12360,0000	5	2,4900	6500				
Certificate	NL0013007115	AEX 540.1TS OPENB	EUR	1,7070	2,4020	1,6970	3678,7000	3	2,4020	2100				
Certificate	NL0013080146	AEX 540.3TRSOPENH	EUR	1,5100	1,9000	1,3200	14855,0000	6	1,9000	11000				
Certificate	DE000VA71QF7	AEX 540.4TS OPENV	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0013006380	AEX 540.6TS OPENB	EUR	2,4490	2,4490	2,4490			2,4490					
Certificate	NL0013080138	AEX 540.8TRSOPENH	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	NL0013079932	AEX 540.8TS OPENH	EUR	1,9300	2,5900	1,9100	135920,0000	28	2,5900	66000				
Certificate	DE000CJ3N1E3	AEX 540.9TS OPENZ	EUR	1,9500	2,4170	1,9500	172,9200	2	2,4170	80				
Certificate	NL0013006398	AEX 541.1TS OPENB	EUR	2,0920	2,4990	2,0890	208,9000	1	2,4990	100				
Certificate	DE000CJ3N7Z5	AEX 541.2TS OPENZ	EUR	1,4300	1,9350	1,2820	15070,5400	9	1,9350	10520				
Certificate	NL0013080120	AEX 541.3TRSOPENH	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	DE000VA71QG5	AEX 541.4TS OPENV	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0013006406	AEX 541.6TS OPENB	EUR	2,5490	2,5490	2,5490			2,5490					
Certificate	LU1841095497	AEX 541.7TPIOPENS	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	NL0013079015	AEX 541.7TS OPENH	EUR	2,1600	2,6800	2,0900	84950,0000	7	2,6800	40000				
Certificate	NL0013080112	AEX 541.8TRSOPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0013080104	AEX 542.3TRSOPENH	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	DE000VA71QH3	AEX 542.4TS OPENV	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	NL0013006414	AEX 542.6TS OPENB	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0013079007	AEX 542.7TS OPENH	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	NL0013080096	AEX 542.8TRSOPENH	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	DE000CJ3N708	AEX 543.2TS OPENZ	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0013080088	AEX 543.3TRSOPENH	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000VA71QJ9	AEX 543.4TS OPENV	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0013006810	AEX 543.5BS OPENB	EUR	1,7200	2,2900	1,7200	15480,0000	1	2,2900	9000				
Certificate	NL0013006422	AEX 543.6TS OPENB	EUR	2,7510	2,7510	2,7510			2,7510					
Certificate	NL0013078991	AEX 543.7TS OPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0013079478	AEX 543.8TRSOPENH	EUR	1,6600	2,2400	1,6600	380,0000	2	2,2400	200				
Certificate	LU1840959552	AEX 544.3TPIOPENS	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0013079460	AEX 544.3TRSOPENH	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000VA71QK7	AEX 544.4TS OPENV	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0013006836	AEX 544.5BS OPENB	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0013006430	AEX 544.6TS OPENB	EUR	2,8520	2,8520	2,8520			2,8520					
Certificate	NL0013078983	AEX 544.7TS OPENH	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	NL0013079452	AEX 544.8TRSOPENH	EUR	2,2500	2,3400	2,2500	180,0000	1	2,3400	80				
Certificate	LU1840909888	AEX 545.3TPIOPENS	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	NL0013079445	AEX 545.3TRSOPENH	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0013006067	AEX 545.4BS OPENB	EUR	1,9990	2,4970	1,9040	50325,8900	3	2,4970	25108				
Certificate	DE000VA71QL5	AEX 545.4TS OPENV	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0013005291	AEX 545.6TS OPENB	EUR	2,3890	2,9490	2,3740	19512,0000	2	2,9490	8000				
Certificate	NL0013078975	AEX 545.7TS OPENH	EUR	2,4600	3,0900	2,4600	2570,0000	2	3,0900	1000				
Certificate	NL0013079437	AEX 545.8TRSOPENH	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	NL0013006075	AEX 545.9BS OPENB	EUR	2,5340	2,5340	2,5340			2,5340					
Certificate	DE000CJ3N1F0	AEX 545.9TS OPENZ	EUR	2,9220	2,9220	2,9220			2,9220					
Certificate	NL0013005309	AEX 546.1TS OPENB	EUR	2,4250	3,0000	2,3750	49397,7000	8	3,0000	19960				
Certificate	NL0013079429	AEX 546.3TRSOPENH	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	NL0013006083	AEX 546.4BS OPENB	EUR	2,1790	2,7000	2,0140	66997,3000	16	2,5840	26200				
Certificate	DE000VA77DZ8	AEX 546.5TS OPENV	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	NL0013005317	AEX 546.6TS OPENB	EUR	2,5500	3,0500	2,5500	24628,5000	6	3,0500	9400				
Certificate	NL0013078355	AEX 546.7TRSOPENH	EUR	1,8600	2,5300	1,8600	2612,0000	4	2,5300	1300				
Certificate	NL0013078967	AEX 546.7TS OPENH	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	LU1840959636	AEX 546.8TPIOPENS	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0013078348	AEX 547.2TRSOPENH	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	NL0013006091	AEX 547.4BS OPENB	EUR	2,2990	2,6840	2,2990	23000,0000	3	2,6840	10000				
Certificate	DE000VA77BF4	AEX 547.5TS OPENV	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	LU1840959719	AEX 547.6TPIOPENS	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	NL0013005325	AEX 547.6TS OPENB	EUR	3,1520	3,1520	3,1520			3,1520					
Certificate	NL0013078330	AEX 547.7TRSOPENH	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0013078959	AEX 547.7TS OPENH	EUR	2,7000	3,3000	2,7000	54650,0000	4	3,3000	20000				
Certificate	NL0013078322	AEX 548.2TRSOPENH	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0013006109	AEX 548.4BS OPENB	EUR	2,2320	2,8080	2,2320	742,6000	3	2,7830	300				
Certificate	DE000VA77BH0	AEX 548.5TS OPENV	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0013005333	AEX 548.6TS OPENB	EUR	3,1020	3,2830	3,1020	22347,5000	2	3,2530	7000				
Certificate	NL0013078314	AEX 548.7TRSOPENH	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	NL0013078942	AEX 548.7TS OPENH	EUR	3,4000	3,4000	3,4000			3,4000					



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	LU1840909961	AEX 549.1TPIOPENS	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	NL0013078306	AEX 549.2TRSOPENH	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0013005010	AEX 549.4BS OPENB	EUR	2,1980	2,8780	2,1980	5620,5000	5	2,8780	2250				
Certificate	DE000VA77BK4	AEX 549.5TS OPENV	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	NL0013005341	AEX 549.6TS OPENB	EUR	3,3530	3,3530	3,3530			3,3530					
Certificate	NL0013078298	AEX 549.7TRSOPENH	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	NL0012907802	AEX 549.7TS OPENH	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	LU1840910035	AEX 549.8TPIOPENS	EUR	2,6900	2,6900	2,6900			2,6900					
Certificate	NL0013005028	AEX 549.9BS OPENB	EUR	2,9280	2,9280	2,9280			2,9280					
Certificate	NL0013078280	AEX 550.2TRSOPENH	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	NL0013005036	AEX 550.4BS OPENB	EUR	3,0290	3,0390	2,9780	575,1100	2	2,9780	190				
Certificate	DE000VA77BM0	AEX 550.5TS OPENV	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	LU1840910118	AEX 550.6TPIOPENS	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	NL0013005358	AEX 550.6TS OPENB	EUR	3,0880	3,4540	3,0880	19263,0000	2	3,4540	6000				
Certificate	NL0013078272	AEX 550.7TRSOPENH	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000CJ3N229	AEX 550.9TS OPENZ	EUR	3,4220	3,4220	3,4220			3,4220					
Certificate	NL0013078264	AEX 551.2TRSOPENH	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0013005044	AEX 551.4BS OPENB	EUR	3,2180	3,2230	3,0770	804,5000	1	3,0770	250				
Certificate	LU1840910209	AEX 551.5TPIOPENS	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000VA77BN8	AEX 551.5TS OPENV	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	NL0013005366	AEX 551.6TS OPENB	EUR	3,5550	3,5550	3,5550			3,5550					
Certificate	NL0013078256	AEX 551.7TRSOPENH	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0013078934	AEX 551.7TS OPENH	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0012896997	AEX 552.1TRSOPENH	EUR	3,0700	3,0700	3,0700			3,0700					
Certificate	NL0012995278	AEX 552.2BS OPENB	EUR	2,4970	3,1630	2,4970	1257,2500	2	3,1630	500				
Certificate	LU1840910381	AEX 552.5TPIOPENS	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	NL0013005374	AEX 552.5TS OPENB	EUR	3,1400	3,6560	3,0700	9617,5000	3	3,6560	3125				
Certificate	NL0012895908	AEX 552.5TS OPENH	EUR	3,2800	3,7800	3,2800	2624,0000	1	3,7800	800				
Certificate	DE000VA77BP3	AEX 552.5TS OPENV	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	NL0012896989	AEX 552.6TRSOPENH	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0012994958	AEX 552.6TS OPENB	EUR	4,0920	4,3730	4,0920	1693,0000	2	4,2280	400				
Certificate	NL0012995286	AEX 552.7BS OPENB	EUR	3,2130	3,2130	3,2130			3,2130					
Certificate	DE000CV8B9P6	AEX 552.7TS OPENZ	EUR	3,0730	3,0730	3,0730			3,0730					
Certificate	NL0012896971	AEX 553.1TRSOPENH	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	NL0012895890	AEX 553.5TS OPENH	EUR	3,5000	3,8800	3,5000	700,0000	1	3,8800	200				
Certificate	DE000VA77BR9	AEX 553.5TS OPENV	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	NL0012995294	AEX 553.7BS OPENB	EUR	2,6570	3,3630	2,6570	4684,2000	7	3,3130	1600				
Certificate	NL0012902571	AEX 554.2TRSOPENH	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	NL0012994974	AEX 554.6TS OPENB	EUR	4,4310	4,4310	4,4310			4,4310					
Certificate	NL0012995302	AEX 554.7BS OPENB	EUR	3,4120	3,4120	3,4120			3,4120					
Certificate	DE000CV8B9Q4	AEX 554.7TS OPENZ	EUR	2,7610	3,2710	2,6960	954,4000	2	3,2710	350				
Certificate	LU1817216853	AEX 555.4TPIOPENS	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0012895874	AEX 555.5TS OPENH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	NL0012994610	AEX 555.6BS OPENB	EUR	3,5060	3,5060	3,5060			3,5060					
Certificate	DE000VA6D7P4	AEX 555.7TS OPENV	EUR	2,7700	3,1100	2,7650	1385,0000	1	3,1100	500				
Certificate	NL0012900823	AEX 555.8TRSOPENH	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	DE000CV8B9D2	AEX 555.9TS OPENZ	EUR	1,5890	1,6490	1,5890	31989,9900	6	1,6490	20000				
Certificate	LU1817216937	AEX 556.2TPIOPENS	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	NL0012903744	AEX 556.5TS OPENH	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	NL0012994628	AEX 556.6BS OPENB	EUR	3,6060	3,6060	3,6060			3,6060					
Certificate	NL0012994990	AEX 556.6TS OPENB	EUR	4,6350	4,6350	4,6350			4,6350					
Certificate	NL0012906283	AEX 556.7TRSOPENH	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	DE000VA6D7R0	AEX 556.7TS OPENV	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	LU1817217075	AEX 557.2TPIOPENS	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	NL0012895262	AEX 557.5TRSOPENH	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	NL0012994636	AEX 557.6BS OPENB	EUR	3,7050	3,7050	3,7050			3,7050					
Certificate	NL0012995005	AEX 557.6TS OPENB	EUR	4,7360	4,7360	4,7360			4,7360					
Certificate	DE000VA6D7T6	AEX 557.7TS OPENV	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	NL0013085962	AEX 557.9TS OPENH	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	NL0012902563	AEX 558.2TRSOPENH	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	LU1817217158	AEX 558.3TPIOPENS	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	NL0013129430	AEX 558.5TS OPENH	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	NL0012994644	AEX 558.6BS OPENB	EUR	3,8050	3,8050	3,8050			3,8050					
Certificate	NL0012995013	AEX 558.6TS OPENB	EUR	4,3470	4,8380	4,3470	434,7000	1	4,8380	100				
Certificate	DE000VA6D7V2	AEX 558.7TS OPENV	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	DE000CV8B8R4	AEX 558.7TS OPENZ	EUR	3,6620	3,6620	3,6620			3,6620					
Certificate	LU1817215533	AEX 559.2TPIOPENS	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	NL0013079700	AEX 559.7TRSOPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000VA6D7X8	AEX 559.7TS OPENV	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	LU1817215616	AEX 560.2TPIOPENS	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	DE000CV8B838	AEX 560.4TS OPENZ	EUR											
Certificate	NL0012895841	AEX 560.5TS OPENH	EUR	4,5800	4,5800	4,5800			4,5800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012902555	AEX 560.7TRSOPENH	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000VAGD723	AEX 560.7TS OPENV	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	DE000CV8B8S2	AEX 560.7TS OPENZ	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	DE000CV8B862	AEX 560.9TS OPENZ	EUR	1,8470	1,8470	1,8470			1,8470					
Certificate	DE000CV8AGX2	AEX 561.1TL OPENZ	EUR											
Certificate	LU1817215707	AEX 561.3TPIOPENS	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0012938708	AEX 561.4TRSOPENH	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	NL0012994461	AEX 561.5TS OPENB	EUR	5,1390	5,1390	5,1390			5,1390					
Certificate	NL0012989495	AEX 561.6BS OPENB	EUR	4,0980	4,0980	4,0980			4,0980					
Certificate	DE000VAGD5A0	AEX 561.7TS OPENV	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	DE000CV8B375	AEX 561.8TL OPENZ	EUR											
Certificate	NL0012989503	AEX 562.1BS OPENB	EUR	4,1480	4,1480	4,1480			4,1480					
Certificate	NL0012902548	AEX 562.2TRSOPENH	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	NL0012994180	AEX 562.5TS OPENB	EUR	5,2370	5,2370	5,2370			5,2370					
Certificate	DE000CV8AYJ4	AEX 562.5TS OPENZ	EUR	4,0370	4,0370	4,0370			4,0370					
Certificate	NL0012989511	AEX 562.6BS OPENB	EUR	4,1980	4,1980	4,1980			4,1980					
Certificate	NL0012937825	AEX 562.6TS OPENH	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	LU1817215889	AEX 562.7TPIOPENS	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	DE000VAGD5B8	AEX 562.7TS OPENV	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	NL0012938674	AEX 562.9TRSOPENH	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	NL0012989529	AEX 563.1BS OPENB	EUR	4,2470	4,2470	4,2470			4,2470					
Certificate	NL0012903736	AEX 563.5TS OPENH	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	NL0012902530	AEX 563.7TRSOPENH	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000VAGD5C6	AEX 563.7TS OPENV	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	NL0012989537	AEX 564.1BS OPENB	EUR	4,3470	4,3470	4,3470			4,3470					
Certificate	LU1817128645	AEX 564.2TPIOPENS	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	NL0012902522	AEX 564.2TRSOPENH	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	NL0012903728	AEX 564.4TS OPENH	EUR	4,4300	4,9900	4,4300	66,4500	1	4,9900	15				
Certificate	DE000CV8AX75	AEX 564.4TS OPENZ	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	DE000VAGD5D4	AEX 564.7TS OPENV	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	NL0012938633	AEX 564.9TRSOPENH	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0012905913	AEX 565.6TRSOPENH	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	DE000CV8AUM6	AEX 565.9TS OPENZ	EUR	1,8540	2,0530	1,8140	755,4000	5	2,0530	400				
Certificate	NL0012937445	AEX 566.1TRSOPENH	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CV8AX83	AEX 566.4TS OPENZ	EUR	4,4290	4,4290	4,4290			4,4290					
Certificate	NL0012937783	AEX 566.6TS OPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012902514	AEX 566.7TRSOPENH	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	LU1816981952	AEX 567.3TPIOPENS	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	NL0012903710	AEX 567.4TS OPENH	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	NL0012988828	AEX 567.5BS OPENB	EUR	4,1880	4,6890	4,1880	19742,9000	5	4,6890	4310				
Certificate	NL0012988562	AEX 567.5TS OPENB	EUR	5,7470	5,7470	5,7470			5,7470					
Certificate	NL0012860340	AEX 567.7TRSOPENH	EUR	4,0000	4,7700	3,9600	8141,4600	71	4,6300	1944				
Certificate	NL0012901698	AEX 568.2TRSOPENH	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	NL0012903702	AEX 568.4TS OPENH	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	NL0012849558	AEX 568.5TRSOPENH	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	DE000CV8B722	AEX 568.6TS OPENZ	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	NL0012792675	AEX 568.9BS OPENB	EUR	4,8330	4,8330	4,8330			4,8330					
Certificate	LU1816980558	AEX 568.9TPIOPENS	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	NL0012982086	AEX 569.5BS OPENB	EUR	4,8870	4,8870	4,8870			4,8870					
Certificate	NL0012849533	AEX 569.5TRSOPENH	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	NL0012988604	AEX 569.5TS OPENB	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	LU1816980632	AEX 569.7TPIOPENS	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	DE000CE6F9N5	AEX 570.1TS OPENZ	EUR	4,3140	4,8020	4,3140	1078,5000	1	4,8020	250				
Certificate	NL0012792329	AEX 570.2TS OPENB	EUR	5,8870	5,8870	5,8870			5,8870					
Certificate	NL0012903991	AEX 570.5TRSOPENH	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	NL0012791685	AEX 570.6TS OPENB	EUR	5,5030	5,9340	5,5030	550,3000	1	5,9340	100				
Certificate	NL0012535876	AEX 570.7TS OPENH	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	NL0012982946	AEX 570.9TS OPENB	EUR	6,0950	6,0950	6,0950			6,0950					
Certificate	DE000CV4YQH3	AEX 570.9TS OPENZ	EUR	2,0400	2,2530	2,0400	2685,7000	4	2,2530	1250				
Certificate	NL0012982102	AEX 571.4BS OPENB	EUR	5,0850	5,0850	5,0850			5,0850					
Certificate	NL0012262042	AEX 571.5TS OPENB	EUR	5,9510	6,0110	5,8660	2134,5600	4	6,0110	360				
Certificate	NL0012860316	AEX 571.6TRSOPENH	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	NL0012982953	AEX 571.9TS OPENB	EUR	6,1970	6,1970	6,1970			6,1970					
Certificate	NL0012982672	AEX 572.1BS OPENB	EUR	4,6600	5,3260	4,4550	3230,6800	4	5,1510	674				
Certificate	NL0012531586	AEX 572.1TS OPENH	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	LU1816971136	AEX 572.2TPIOPENS	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	NL0012860589	AEX 572.2TRSOPENH	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	DE000CV8AU03	AEX 572.5TS OPENZ	EUR	5,0330	5,0330	5,0330			5,0330					
Certificate	NL0012849525	AEX 572.9TRSOPENH	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	NL0012982979	AEX 572.9TS OPENB	EUR	6,2980	6,2980	6,2980			6,2980					
Certificate	NL0012982680	AEX 573.1BS OPENB	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	LU1816971219	AEX 573.2TPIOPENS	EUR	4,7000	4,7000	4,7000			4,7000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012903975	AEX 573.4TRSOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012982987	AEX 573.4TS OPENB	EUR	6,3490	6,3490	6,3490			6,3490					
Certificate	NL0012982698	AEX 573.6BS OPENB	EUR	5,2990	5,2990	5,2990			5,2990					
Certificate	NL0012535868	AEX 573.6TS OPENH	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	NL0012175681	AEX 573.8TRSOPENH	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	NL0012982995	AEX 573.9TS OPENB	EUR	6,2790	6,3990	6,2790	2951,1300	1		470				
Certificate	DE000CE6CGN4	AEX 573.9TS OPENZ	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	DE000CE6CQ06	AEX 573.9TS OPENZ	EUR	5,9590	5,9590	5,9590			5,9590					
Certificate	NL0012982706	AEX 574.1BS OPENB	EUR	5,3490	5,3490	5,3490			5,3490					
Certificate	NL0012983233	AEX 574.4TS OPENB	EUR	6,4540	6,4540	6,4540			6,4540					
Certificate	NL0012903694	AEX 574.4TS OPENH	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	NL0012910046	AEX 574.6TRSOPENH	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0012863591	AEX 575.9TRSOPENH	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	NL0012983266	AEX 575.9TS OPENB	EUR	6,1800	6,6060	6,1800	23917,0000	2		3750				
Certificate	NL0013085954	AEX 575.9TS OPENH	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	NL0012982730	AEX 576.1BS OPENB	EUR	5,5520	5,5520	5,5520			5,5520					
Certificate	DE000CE6F9P0	AEX 576.1TS OPENZ	EUR	5,3920	5,3920	5,3920			5,3920					
Certificate	NL0012582019	AEX 576.3TRSOPENH	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	NL0013078926	AEX 577.7TS OPENH	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	NL0012905541	AEX 577.9TRSOPENH	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	NL0012551626	AEX 578.2TS OPENH	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	NL0012861934	AEX 578.5TRSOPENH	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	DE000CV4YU33	AEX 578.9TS OPENZ	EUR	2,5840	2,5840	2,5840			2,5840					
Certificate	NL0012527030	AEX 579.5TRSOPENH	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	NL0012862700	AEX 580.2TRSOPENH	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	NL0012312102	AEX 580.6TS OPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0012501738	AEX 580.9TS OPENB	EUR	6,4470	6,9710	6,4200	8929,5000	2		1390				
Certificate	NL0013084163	AEX 581.3TRSOPENH	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	NL0012903686	AEX 581.4TS OPENH	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	NL0012265425	AEX 581.7BS OPENB	EUR	6,1120	6,1120	6,1120			6,1120					
Certificate	NL0012907265	AEX 581.9TRSOPENH	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000CE6C816	AEX 581.9TS OPENZ	EUR	5,9770	5,9770	5,9770			5,9770					
Certificate	NL0011589312	AEX 582.6TRSOPENH	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0012862692	AEX 582.7TRSOPENH	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	DE000CV88NV5	AEX 582.7TS OPENZ	EUR											
Certificate	NL0012551600	AEX 583.2TS OPENH	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	NL0012307292	AEX 583.5TS OPENH	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	NL0012903967	AEX 583.9TRSOPENH	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	DE000CV4YU41	AEX 583.9TS OPENZ	EUR	2,7840	2,7840	2,7840			2,7840					
Certificate	LU1756867971	AEX 584.3TPIOPENS	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	NL0012174106	AEX 584.3TS OPENH	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	LU1757004632	AEX 584.7TPIOPENS	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	NL0012545784	AEX 585.4TRSOPENH	EUR	6,3900	6,3900	6,3900			6,3900					
Certificate	NL0012892459	AEX 585.9TRSOPENH	EUR	6,4500	6,4500	6,4500			6,4500					
Certificate	LU1756868276	AEX 586.1TPIOPENS	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	LU1757004806	AEX 586.3TPIOPENS	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	NL0012305759	AEX 586.4TS OPENH	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	NL0012201446	AEX 586.5TRSOPENH	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	NL0012609424	AEX 586.7TS OPENH	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	LU1790568288	AEX 587.2TPIOPENS	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	LU1757005019	AEX 587.2TPIOPENS	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	NL0012907257	AEX 587.8TRSOPENH	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	NL0012178487	AEX 588.1TS OPENH	EUR	7,3800	7,3800	7,3800			7,3800					
Certificate	NL0012594055	AEX 588.9TRSOPENH	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	NL0013078249	AEX 589.1TRSOPENH	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	NL0012537591	AEX 589.1TRSOPENH	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	NL0012903678	AEX 589.4TS OPENH	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	LU1790508037	AEX 589.7TPIOPENS	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	DE000CE6CGN4	AEX 589.9TS OPENZ	EUR	6,7760	6,7760	6,7760			6,7760					
Certificate	NL0012924930	AEX 590.9TS OPENH	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	DE000CV4YQJ9	AEX 590.9TS OPENZ	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0012934996	AEX 591.1TRSOPENH	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	NL0012557532	AEX 591.2TS OPENH	EUR	7,6900	7,6900	7,6900			7,6900					
Certificate	LU1756878747	AEX 591.4TPIOPENS	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0012903660	AEX 592.4TS OPENH	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	LU1790508383	AEX 592.9TPIOPENS	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	NL0012903959	AEX 592.9TRSOPENH	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	LU1756878820	AEX 593.9TPIOPENS	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	NL0012200539	AEX 594.4TRSOPENH	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	NL0012560767	AEX 594.4TS OPENH	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	NL0012903942	AEX 595.8TRSOPENH	EUR	6,9600	7,4400	6,9600	348,0000	1		50				
Certificate	DE000CV4YU58	AEX 595.9TS OPENZ	EUR	3,2510	3,2510	3,2510			3,2510					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VLSR6S2	AEX 596.4TS OPENV	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	NL0012200141	AEX 596.6TS OPENH	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	LU1790568445	AEX 596.8TPIOPENS	EUR	6,5900	6,5900	6,5900			6,5900					
Certificate	LU1756879042	AEX 596.8TPIOPENS	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0012903652	AEX 597.4TS OPENH	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	DE000VLSR6T0	AEX 597.4TS OPENV	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	NL0012849517	AEX 597.5TRSOPENH	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	NL0012548663	AEX 597.8TRSOPENH	EUR	7,6400	7,6400	7,6400			7,6400					
Certificate	DE000CE6CPT2	AEX 598.1TS OPENZ	EUR	7,5980	7,5980	7,5980			7,5980					
Certificate	DE000VA15K12	AEX 598.3TS OPENV	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	DE000VLSR6U8	AEX 598.4TS OPENV	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	NL0012559116	AEX 599.1TS OPENH	EUR	8,5000	8,5000	8,5000			8,5000					
Certificate	DE000VA15K20	AEX 599.3TS OPENV	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	DE000VLSR6V6	AEX 599.4TS OPENV	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	NL0012860266	AEX 599.7TRSOPENH	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	LU1790503665	AEX 599.8TPIOPENS	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	DE000VA15K38	AEX 600.3TS OPENV	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	DE000CE6F9Y2	AEX 600.3TS OPENZ	EUR	7,8110	7,8110	7,8110			7,8110					
Certificate	NL0012903645	AEX 600.4TS OPENH	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000CV4YU66	AEX 600.9TS OPENZ	EUR	3,4510	3,4510	3,4510			3,4510					
Certificate	NL0012203913	AEX 601.8TRSOPENH	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	DE000VA15PR1	AEX 601.9TS OPENV	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	DE000CE6F9Z9	AEX 602.3TS OPENZ	EUR	8,0100	8,0100	8,0100			8,0100					
Certificate	NL0012927214	AEX 602.8TS OPENH	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	DE000VA15PS9	AEX 602.9TS OPENV	EUR	6,8900	6,8900	6,8900			6,8900					
Certificate	LU1790568791	AEX 603.4TPIOPENS	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	DE000VA15PT7	AEX 603.9TS OPENV	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	DE000CE6FA00	AEX 604.3TS OPENZ	EUR	8,2090	8,2090	8,2090			8,2090					
Certificate	NL0012851166	AEX 604.9TS OPENH	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	DE000VA15QT5	AEX 605.4TS OPENV	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	NL0012864003	AEX 605.7TRSOPENH	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	DE000VA4YQX2	AEX 605.7TS OPENV	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	NL0013003783	AEX 605.9TS OPENB	EUR	9,0420	9,0420	9,0420			9,0420					
Certificate	DE000CV4YU74	AEX 605.9TS OPENZ	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	DE000CE6CST6	AEX 606.1TS OPENZ	EUR	8,3990	8,3990	8,3990			8,3990					
Certificate	DE000VA15QV1	AEX 606.4TS OPENV	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	DE000VA4YQY0	AEX 606.7TS OPENV	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	NL0011047618	AEX 606.8TS OPENH	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	DE000VA4YQZ7	AEX 607.7TS OPENV	EUR	7,8000	7,8000	7,8000			7,8000					
Certificate	NL0013078231	AEX 608.1TRSOPENH	EUR	8,6600	8,6600	8,6600			8,6600					
Certificate	DE000CE6FA18	AEX 608.3TS OPENZ	EUR	8,6110	8,6110	8,6110			8,6110					
Certificate	NL0012523534	AEX 608.6TS OPENH	EUR	9,4600	9,4600	9,4600			9,4600					
Certificate	DE000VA4YSH1	AEX 609.3TS OPENV	EUR	7,9700	7,9700	7,9700			7,9700					
Certificate	LU1790508540	AEX 609.6TPIOPENS	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	LU1612676780	AEX 609.8TPIOPENS	EUR											
Certificate	DE000VA4YSJ7	AEX 610.3TS OPENV	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	DE000CE6FA26	AEX 610.3TS OPENZ	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	NL0012237655	AEX 610.7TRSOPENH	EUR	8,9200	8,9200	8,9200			8,9200					
Certificate	NL0013085947	AEX 610.9TS OPENH	EUR	9,6900	9,6900	9,6900			9,6900					
Certificate	DE000CV4YQK7	AEX 610.9TS OPENZ	EUR	3,8470	3,8470	3,8470			3,8470					
Certificate	DE000VA4YWU6	AEX 612.1TS OPENV	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	DE000CE6FA34	AEX 612.3TS OPENZ	EUR	9,0100	9,0100	9,0100			9,0100					
Certificate	NL0013087448	AEX 612.8TRSOPENH	EUR	9,1300	9,1300	9,1300			9,1300					
Certificate	DE000VA4Y1Q2	AEX 612.8TS OPENV	EUR	8,4700	8,4700	8,4700			8,4700					
Certificate	NL0012892442	AEX 613.2TRSOPENH	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	NL0012903637	AEX 613.3TS OPENH	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	NL0013003791	AEX 613.8TS OPENB	EUR	9,8410	9,8410	9,8410			9,8410					
Certificate	DE000CE6CXY6	AEX 614.3TS OPENZ	EUR	9,2090	9,2090	9,2090			9,2090					
Certificate	DE000CV4YU82	AEX 614.9TS OPENZ	EUR	4,0490	4,0490	4,0490			4,0490					
Certificate	LU1695123965	AEX 616.3TPIOPENS	EUR											
Certificate	DE000CE6FA42	AEX 616.4TS OPENZ	EUR	9,4220	9,4220	9,4220			9,4220					
Certificate	NL0013078918	AEX 616.6TS OPENH	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	NL0012602171	AEX 618.4TS OPENH	EUR	10,4500	10,4500	10,4500			10,4500					
Certificate	DE000CE6FA59	AEX 618.4TS OPENZ	EUR	9,6210	9,6210	9,6210			9,6210					
Certificate	NL0012309462	AEX 619.1TRSOPENH	EUR	9,7700	9,7700	9,7700			9,7700					
Certificate	NL0012507172	AEX 619.4BS OPENB	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	DE000CV4YVF7	AEX 619.9TS OPENZ	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	DE000CE6FA67	AEX 620.4TS OPENZ	EUR	9,8210	9,8210	9,8210			9,8210					
Certificate	NL0012903629	AEX 621.3TS OPENH	EUR	10,7500	10,7500	10,7500			10,7500					
Certificate	DE000CE6EY37	AEX 622.3TS OPENZ	EUR	10,0110	10,0110	10,0110			10,0110					
Certificate	NL0012905905	AEX 623.4TRSOPENH	EUR	10,2000	10,2000	10,2000			10,2000					
Certificate	NL0013003809	AEX 623.7TS OPENB	EUR	10,8390	10,8390	10,8390			10,8390					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6FCH8	AEX 623.8TS OPENZ	EUR	10,1640	10,1640	10,1640			10,1640					
Certificate	NL0012212948	AEX 624.1TS OPENH	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	DE000CV4YVG5	AEX 624.9TS OPENZ	EUR	4,4490	4,4490	4,4490								
Certificate	NL0013128945	AEX 625.8TRSOPENH	EUR	10,4400	10,4400	10,4400								
Certificate	DE000CE6FCJ4	AEX 625.8TS OPENZ	EUR	10,3630	10,3630	10,3630								
Certificate	NL0012903611	AEX 627.3TS OPENH	EUR	11,3500	11,3500	11,3500								
Certificate	DE000CV4Z4G2	AEX 627.7TS OPENZ	EUR	10,0450	10,5540	10,0450	2009,0000	1	10,5540	200				
Certificate	NL0012534473	AEX 629.8TRSOPENH	EUR	10,8300	10,8300	10,8300								
Certificate	DE000CE6EZ28	AEX 629.9TS OPENZ	EUR	10,7700	10,7700	10,7700								
Certificate	DE000CV4Z3L4	AEX 629.9TS OPENZ	EUR	4,3950	4,6470	4,3950	1126,2500	3	4,6470	250				
Certificate	NL0013078900	AEX 630.6TS OPENH	EUR	11,6900	11,6900	11,6900								
Certificate	DE000CV4Z5D6	AEX 631.8TS OPENZ	EUR	10,9630	10,9630	10,9630								
Certificate	NL0012562748	AEX 632.7TS OPENH	EUR	11,9000	11,9000	11,9000								
Certificate	DE000CV4ZAT9	AEX 633.5TS OPENZ	EUR	11,1340	11,1340	11,1340								
Certificate	NL0013078058	AEX 633.9TRSOPENH	EUR	11,2500	11,2500	11,2500								
Certificate	DE000CV4Z3M2	AEX 634.9TS OPENZ	EUR	4,8460	4,8460	4,8460								
Certificate	DE000CV4ZGV2	AEX 635.6TS OPENZ	EUR	11,3400	11,3400	11,3400								
Certificate	NL0013078041	AEX 635.9TRSOPENH	EUR	11,4500	11,4500	11,4500								
Certificate	NL0013003817	AEX 636.5TS OPENB	EUR	12,1360	12,1360	12,1360								
Certificate	NL0012545776	AEX 637.7TRSOPENH	EUR	11,6200	11,6200	11,6200								
Certificate	NL0012243075	AEX 637.7TS OPENH	EUR	12,0200	12,4100	12,0200	12180,0000	2	12,4100	1000				
Certificate	DE000CE6F2G4	AEX 637.9TS OPENZ	EUR	11,5730	11,5730	11,5730								
Certificate	DE000CV4ZBX9	AEX 639.5TS OPENZ	EUR	11,7370	11,7370	11,7370								
Certificate	DE000CV4Z5K1	AEX 639.9TS OPENZ	EUR	5,0470	5,0470	5,0470								
Certificate	NL0012611842	AEX 640.2TS OPENH	EUR	12,6600	12,6600	12,6600								
Certificate	DE000CV4ZGW0	AEX 641.6TS OPENZ	EUR	11,9420	11,9420	11,9420								
Certificate	NL0013078033	AEX 641.9TRSOPENH	EUR	12,0500	12,0500	12,0500								
Certificate	NL0012789689	AEX 642.48S OPENB	EUR	11,5200	12,1800	11,5200	3173,2000	3	12,1800	270				
Certificate	DE000CV4ZLK5	AEX 643.7TS OPENZ	EUR	12,1490	12,1490	12,1490								
Certificate	NL0012920185	AEX 644.9TRSOPENH	EUR	12,3400	12,3400	12,3400								
Certificate	DE000CV4ZCN8	AEX 644.9TS OPENZ	EUR	5,2410	5,2410	5,2410								
Certificate	DE000CE6F4L0	AEX 645.9TS OPENZ	EUR	12,3760	12,3760	12,3760								
Certificate	NL0013084023	AEX 646.9TS OPENH	EUR	13,3400	13,3400	13,3400								
Certificate	NL0012308324	AEX 647.6TS OPENH	EUR	13,4100	13,4100	13,4100								
Certificate	NL0013078025	AEX 647.9TRSOPENH	EUR	12,6500	12,6500	12,6500								
Certificate	DE000CV4ZMT4	AEX 647.9TS OPENZ	EUR	12,5740	12,5740	12,5740								
Certificate	DE000CV4ZCP3	AEX 649.9TS OPENZ	EUR	5,4400	5,4400	5,4400								
Certificate	DE000CV4ZMU2	AEX 649.9TS OPENZ	EUR	12,7730	12,7730	12,7730								
Certificate	NL0012523021	AEX 650.6TRSOPENH	EUR	12,9100	12,9100	12,9100								
Certificate	NL0013129422	AEX 651.5TS OPENH	EUR	13,8000	13,8000	13,8000								
Certificate	NL0012849491	AEX 651.6TRSOPENH	EUR	13,0200	13,0200	13,0200								
Certificate	NL0013003825	AEX 654.3TS OPENB	EUR	13,9320	13,9320	13,9320								
Certificate	DE000CV4ZNC8	AEX 654.9TS OPENZ	EUR	5,6460	5,6460	5,6460								
Certificate	NL0013084155	AEX 658.2TRSOPENH	EUR	13,6700	13,6700	13,6700								
Certificate	NL0012308290	AEX 659.2TS OPENH	EUR	14,5900	14,5900	14,5900								
Certificate	NL0012543169	AEX 659.4TRSOPENH	EUR	13,8000	13,8000	13,8000								
Certificate	DE000CV4ZND6	AEX 659.9TS OPENZ	EUR	5,8450	5,8450	5,8450								
Certificate	NL0012543151	AEX 663.3TRSOPENH	EUR	14,1900	14,1900	14,1900								
Certificate	NL0012547590	AEX 669.3TRSOPENH	EUR	14,7800	14,7800	14,7800								
Certificate	NL0013078017	AEX 673.8TRSOPENH	EUR	15,2400	15,2400	15,2400								
Certificate	NL0012308274	AEX 674.7TS OPENH	EUR	16,1500	16,1500	16,1500								
Certificate	DE000CV8AFE4	AEX 678.3TS OPENZ	EUR	15,6090	15,6090	15,6090								
Certificate	DE000CV88ZP7	AEX 679.9TS OPENZ	EUR	6,6540	6,6540	6,6540								
Certificate	NL0012550214	AEX 681.3TRSOPENH	EUR	15,9800	15,9800	15,9800								
Certificate	NL0012308258	AEX 682.4TS OPENH	EUR	16,9300	16,9300	16,9300								
Certificate	NL0013078009	AEX 685.8TRSOPENH	EUR	16,4400	16,4400	16,4400								
Certificate	DE000CV88CK7	AEX 685.9TS OPENZ	EUR	16,3690	16,3690	16,3690								
Certificate	NL0013077993	AEX 689.8TRSOPENH	EUR	16,8400	16,8400	16,8400								
Certificate	NL0013078892	AEX 690.5TS OPENH	EUR	17,7500	17,7500	17,7500								
Certificate	NL0012556500	AEX 695.1TRSOPENH	EUR	17,3700	17,3700	17,3700								
Certificate	NL0012600100	AEX 698.7TS OPENH	EUR	18,5800	18,5800	18,5800								
Certificate	DE000CV88AU0	AEX 698.9TS OPENZ	EUR	7,4250	7,4250	7,4250								
Certificate	NL0012431274	AEX 699.8TS OPENH	EUR	18,7000	18,7000	18,7000								
Certificate	NL0013077985	AEX 701.8TRSOPENH	EUR	18,0300	18,0300	18,0300								
Certificate	DE000CV88L37	AEX 702.4TS OPENZ	EUR	18,0190	18,0190	18,0190								
Certificate	NL0012551592	AEX 704.7TS OPENH	EUR	19,1900	19,1900	19,1900								
Certificate	NL0013078884	AEX 710.5TS OPENH	EUR	19,7700	19,7700	19,7700								
Certificate	NL0012916209	AEX 713.4TRSOPENH	EUR	19,1900	19,1900	19,1900								
Certificate	NL0012523526	AEX 715.7TS OPENH	EUR	20,3000	20,3000	20,3000								
Certificate	DE000CV88X17	AEX 718.4TS OPENZ	EUR	19,6220	19,6220	19,6220								
Certificate	NL0012526396	AEX 720.2TS OPENH	EUR	20,7600	20,7600	20,7600								
Certificate	NL0012527337	AEX 724.2TS OPENH	EUR	21,1600	21,1600	21,1600								



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	NL0013078876	AEX 730.4TS OPENH	EUR	21,8000	21,8000	21,8000			21,8000					
Certificate	DE000CV8A8W5	AEX 734.4TS OPENZ	EUR	21,2220	21,2220	21,2220			21,2220					
Certificate	NL0012537377	AEX 737.7TS OPENH	EUR	22,5300	22,5300	22,5300			22,5300					
Certificate	DE000CV88UV6	AEX 737.9TS OPENZ	EUR	9,0100	9,0100	9,0100			9,0100					
Certificate	NL0013078868	AEX 742.4TS OPENH	EUR	23,0100	23,0100	23,0100			23,0100					
Certificate	NL0012606479	AEX 748.4TS OPENH	EUR	23,6200	23,6200	23,6200			23,6200					
Certificate	NL0012551576	AEX 751.8TS OPENH	EUR	23,9600	23,9600	23,9600			23,9600					
Certificate	NL0012851141	AEX 771.9TS OPENH	EUR	26,0000	26,0000	26,0000			26,0000					
Certificate	FR0013123270	AEX7S SHROPENS	EUR											
Certificate	DE000CE6BUC0	AEXG8 LEVOPENZ	EUR	10,8900	10,8900	10,8900			10,8900					
Certificate	DE000CNGJH55	AEXG8 LEVOPENZ	EUR	14,2700	14,2700	14,2700			14,2700					
Certificate	DE000CE6BUE6	AEXG8 LEVOPENZ	EUR	12,4900	12,4900	12,4900			12,4900					
Certificate	DE000CE6BUD8	AEXG8 LEVOPENZ	EUR	12,1300	12,1300	12,1300			12,1300					
Certificate	DE000CNGJHT3	AEXG8 LEVOPENZ	EUR	1,2420	1,2420	1,0800	22787.5000	2	1,0830	20000				
Certificate	DE000CE6BUJ5	AEXG8 SHROPENZ	EUR	0,1550	0,1550	0,1550			0,1550					
Certificate	DE000CE6BUG1	AEXG8 SHROPENZ	EUR	4,2880	4,2880	4,2880			4,2880					
Certificate	DE000CE6BUH9	AEXG8 SHROPENZ	EUR	1,0720	1,0720	1,0720			1,0720					
Certificate	DE000CE6BUF3	AEXG8 SHROPENZ	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	NL0000838167	AFRIC PI OPENN	EUR	10,1400	10,3400	10,1400			10,3400					
Certificate	NL0011993449	AGEAS 30TL OPENH	EUR	1,7900	1,7900	1,7400			1,7400					
Certificate	NL0012245369	AGEAS 36TS OPENH	EUR											
Certificate	NL0009998855	AGEAS 0.93TL OPENB	EUR	4,5500	4,5500	4,5000			4,5000					
Certificate	NL0011041538	AGEAS 11.1TL OPENH	EUR	3,5200	3,5200	3,4700			3,4700					
Certificate	NL0011041520	AGEAS 15.3TL OPENH	EUR	3,1400	3,1400	3,0900			3,0900					
Certificate	NL0011041512	AGEAS 17.4TL OPENH	EUR	2,9400	2,9400	2,8900			2,8900					
Certificate	NL0011041496	AGEAS 21.6TL OPENH	EUR	2,5600	2,5600	2,5000			2,5000					
Certificate	NL0011895131	AGEAS 22.8TL OPENH	EUR	2,4500	2,4500	2,4000			2,4000					
Certificate	NL0011041488	AGEAS 23.7TL OPENH	EUR	2,3700	2,3700	2,3100			2,3100					
Certificate	NL0011895115	AGEAS 24.8TL OPENH	EUR	2,2600	2,2600	2,2100			2,2100					
Certificate	NL0011895107	AGEAS 25.3TL OPENH	EUR	2,2200	2,2200	2,1600			2,1600					
Certificate	NL0011972369	AGEAS 26.9TL OPENH	EUR	2,0700	2,0700	2,0200			2,0200					
Certificate	NL0012048961	AGEAS 31.8TL OPENH	EUR	1,6200	1,6200	1,5700			1,5700					
Certificate	NL0012311708	AGEAS 33.6TL OPENH	EUR	1,4400	1,4400	1,3900			1,3900					
Certificate	NL0012365761	AGEAS 34.5TL OPENH	EUR	1,3600	1,3600	1,3100			1,3100					
Certificate	NL0012306468	AGEAS 35.1TL OPENH	EUR											
Certificate	NL0012367635	AGEAS 35.7TL OPENH	EUR	1,2500	1,2500	1,2000			1,2000					
Certificate	NL0012431506	AGEAS 36.5TL OPENH	EUR	1,1700	1,1700	1,1200			1,1200					
Certificate	NL0012538656	AGEAS 38.1TL OPENH	EUR	1,0300	1,0300	0,9800			0,9800					
Certificate	NL0012582738	AGEAS 39.5TL OPENH	EUR	0,9000	0,9000	0,8500			0,8500					
Certificate	NL0012926885	AGEAS 41.6TL OPENH	EUR	0,7200	0,7200	0,6700			0,6700					
Certificate	NL0013085301	AGEAS 42.6TL OPENH	EUR											
Certificate	NL0013128135	AGEAS 42.7TL OPENH	EUR	0,6200	0,6200	0,5700			0,5700					
Certificate	NL0013084981	AGEAS 45.5TS OPENH	EUR	0,5900	0,6300	0,5900			0,6300					
Certificate	NL0012581839	AGEAS 47.2TS OPENH	EUR	0,7800	0,8200	0,7800			0,8200					
Certificate	NL0012524946	AGEAS 48.5TS OPENH	EUR	0,9200	0,9700	0,9200			0,9700					
Certificate	NL0010131561	AGEAS 5.88TL OPENB	EUR	40,9500	40,9500	40,5000			40,5000					
Certificate	NL0012555361	AGEAS 52.5TS OPENH	EUR	1,3700	1,4100	1,3700			1,4100					
Certificate	DE000CK6UYT8	AGEAS 9.38TL OPENZ	EUR	35,4150	35,4150	35,3250			35,3250					
Certificate	NL0010254314	AGEAS11.15TL OPENB	EUR	36,1000	36,1000	35,6500			35,6500					
Certificate	NL0010281358	AGEAS12.75TL OPENB	EUR	34,6300	34,6300	34,1800			34,1800					
Certificate	NL0010284295	AGEAS14.33TL OPENB	EUR	33,1900	33,1900	32,7300			32,7300					
Certificate	NL0010379285	AGEAS16.14TL OPENB	EUR	31,5200	31,5200	31,0600			31,0600					
Certificate	NL0011646880	AGEAS18.52BL OPENB	EUR	26,7600	26,7600	26,2900			26,2900					
Certificate	NL0010895819	AGEAS18.57TL OPENB	EUR	28,3600	28,3600	27,8900			27,8900					
Certificate	NL0010155628	AGEAS19.41TL OPENA	EUR											
Certificate	NL0010898904	AGEAS20.15TL OPENB	EUR	26,9500	26,9500	26,4800			26,4800					
Certificate	NL0011899984	AGEAS20.69BL OPENB	EUR	24,5000	24,5000	24,0300			24,0300					
Certificate	DE000CR4GVC7	AGEAS21.81TL OPENZ	EUR	22,8050	22,8050	22,7050			22,7050					
Certificate	NL0010913026	AGEAS22.22TL OPENB	EUR	25,1000	25,1000	24,6300			24,6300					
Certificate	NL0010926168	AGEAS24.34TL OPENB	EUR	23,2200	23,2200	22,7500			22,7500					
Certificate	NL0011636535	AGEAS24.98BL OPENB	EUR	20,3100	20,3100	19,8400			19,8400					
Certificate	DE000CR4J5T0	AGEAS25.98TL OPENZ	EUR	18,6300	18,6300	18,5400			18,5400					
Certificate	NL0011915970	AGEAS26.39TL OPENB	EUR	21,4000	21,4000	20,9300			20,9300					
Certificate	NL0000075752	AGEAS26.15TS OPENB	EUR	24,9850	25,0250	24,9850			25,0250					
Certificate	DE000CR6X825	AGEAS27.49TL OPENZ	EUR	17,1200	17,1200	17,0200			17,0200					
Certificate	NL0012030233	AGEAS28.42TL OPENB	EUR	19,5900	19,5900	19,1200			19,1200					
Certificate	DE000CV508W8	AGEAS29.43TL OPENZ	EUR	3,0150	3,0150	3,0150			3,0150					
Certificate	NL0012033310	AGEAS30.48TL OPENB	EUR	17,7500	17,7500	17,2800			17,2800					
Certificate	DE000CD63LD4	AGEAS31.45TL OPENZ	EUR	13,1600	13,1600	13,0600			13,0600					
Certificate	NL0012259394	AGEAS32.54TL OPENB	EUR	15,9300	15,9300	15,4600			15,4600					
Certificate	DE000CD640E9	AGEAS33.44TL OPENZ	EUR	11,1800	11,1800	11,0800			11,0800					
Certificate	DE000CE6DUW4	AGEAS35.42TL OPENZ	EUR	1,8250	1,8250	1,8250			1,8250					



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	NL0012276745	AGEAS35.46BL OPENB	EUR	9,7300	9,7300	9,2600			9,2600					
Certificate	NL0012499578	AGEAS36.54TL OPENB	EUR	12,3600	12,3600	11,8900			11,8900					
Certificate	NL0012489090	AGEAS37.52BL OPENB	EUR	7,6700	7,6700	7,2000			7,2000					
Certificate	DE000CE6EYV6	AGEAS37.89TL OPENZ	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	NL0012693576	AGEAS38.54TL OPENB	EUR	10,5900	10,5900	10,1200	514,5000	1	10,1200	50				
Certificate	NL0012774327	AGEAS39.55BL OPENB	EUR	5,6400	5,6400	5,1700			5,1700					
Certificate	DE000CV87QL7	AGEAS39.89TL OPENZ	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	NL0012785695	AGEAS40.54TL OPENB	EUR	8,8100	8,8100	8,3400			8,3400					
Certificate	NL0013145675	AGEAS41.54TL OPENB	EUR	7,9400	7,9400	7,4700			7,4700					
Certificate	NL0012979660	AGEAS41.57BL OPENB	EUR	3,6200	3,6200	3,1500			3,1500					
Certificate	DE000CV8A6M0	AGEAS41.87TL OPENZ	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	NL0012984066	AGEAS42.53TL OPENB	EUR											
Certificate	NL0013016587	AGEAS45.22BS OPENB	EUR	0,7500	1,1600	0,7500			1,1600					
Certificate	DE000CJ3PPG3	AGEAS46.56TS OPENZ	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	NL0013009814	AGEAS46.69TS OPENB	EUR	8,5200	8,9300	8,5200			8,9300					
Certificate	NL0012676530	AGEAS48.22BS OPENB	EUR	3,7500	4,1600	3,7500	7910,0000	2	4,1600	2000				
Certificate	NL0012984116	AGEAS48.61TS OPENB	EUR	10,7100	11,1200	10,7100			11,1200					
Certificate	NL0013002496	AGEAS50.65TS OPENB	EUR	13,0300	13,4400	13,0300			13,4400					
Certificate	NL0012788335	AGEAS51.17BS OPENB	EUR	6,7000	7,1100	6,7000	4164,0000	2	7,1100	600				
Certificate	DE000CV87S80	AGEAS51.54TS OPENZ	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	NL0012983951	AGEAS54.15BS OPENB	EUR	9,6800	10,0900	9,6800			10,0900					
Certificate	DE000CV892L9	AGEAS56.53TS OPENZ	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	NL0009066687	AGFA 1TL OPENB	EUR	3,4150	3,4150	3,3650			3,3650					
Certificate	NL0010001251	AGFA 1.2TL OPENB	EUR	2,9950	2,9950	2,9550			2,9550					
Certificate	NL0010280822	AGFA 1.4TL OPENB	EUR	2,8050	2,8050	2,7650			2,7650					
Certificate	NL0013010812	AGFA 3.6TL OPENB	EUR	0,7450	0,7450	0,7050			0,7050					
Certificate	NL0013010820	AGFA 3.7TL OPENB	EUR	0,6550	0,6550	0,6150			0,6150					
Certificate	NL0013145683	AGFA 3.8TL OPENB	EUR	0,5650	0,5650	0,5250			0,5250					
Certificate	DE000CJ3PJG6	AGFA 1.92TL OPENZ	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0010895843	AGFA 1.98TL OPENB	EUR	2,3050	2,3050	2,2650			2,2650					
Certificate	DE000CV87Z57	AGFA 2.22TL OPENZ	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	NL0011090774	AGFA 2.26TL OPENB	EUR	2,0650	2,0650	2,0250			2,0250					
Certificate	DE000CN6G1K8	AGFA 2.43TL OPENZ	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0011818141	AGFA 2.52TL OPENB	EUR	1,8350	1,8350	1,7950			1,7950					
Certificate	DE000CD61P28	AGFA 2.64TL OPENZ	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0012020283	AGFA 2.78TL OPENB	EUR	1,6050	1,6050	1,5650			1,5650					
Certificate	DE000CD636Q1	AGFA 2.85TL OPENZ	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0012776561	AGFA 2.89TL OPENB	EUR	1,4050	1,4050	1,3650			1,3650					
Certificate	NL0012792865	AGFA 2.99TL OPENB	EUR	1,3150	1,3150	1,2750			1,2750					
Certificate	DE000CV89FM4	AGFA 3.06TL OPENZ	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	NL0012974713	AGFA 3.08TL OPENB	EUR	1,2250	1,2450	1,1850	2460,0000	1	1,1850	2000				
Certificate	NL0012974026	AGFA 3.19TL OPENB	EUR	1,1250	1,1250	1,0850			1,0850					
Certificate	NL0012976369	AGFA 3.29TL OPENB	EUR	1,0350	1,0950	0,9950	4980,0000	2	0,9950	4700				
Certificate	DE000CJ3N8T6	AGFA 3.36TL OPENZ	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	NL0012976377	AGFA 3.39TL OPENB	EUR	0,9450	0,9450	0,9050			0,9050					
Certificate	NL0012991236	AGFA 3.49TL OPENB	EUR	0,8450	0,8450	0,8050			0,8050					
Certificate	DE000CJ3PBZ3	AGFA 3.66TL OPENZ	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0013015472	AGFA 4.05TS OPENB	EUR											
Certificate	NL0012978688	AGFA 4.25TS OPENB	EUR	0,7050	0,7450	0,7050			0,7450					
Certificate	NL0012978696	AGFA 4.45TS OPENB	EUR	0,9250	0,9650	0,9250			0,9650					
Certificate	DE000CV89SQ8	AGFA 4.47TS OPENZ	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	NL0013000581	AGFA 4.65TS OPENB	EUR	1,1350	1,1750	1,1350			1,1750					
Certificate	DE000CV8AY58	AGFA 4.93TS OPENZ	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	NL0013008600	AGFA 3.121BL OPENB	EUR	0,9950	0,9950	0,9550			0,9550					
Certificate	NL0013006513	AGFA 3.321BL OPENB	EUR	0,7950	0,7950	0,7550			0,7550					
Certificate	NL0013006521	AGFA 3.522BL OPENB	EUR	0,5850	0,5850	0,5450			0,5450					
Certificate	NL0013011943	AGFA 3.722BL OPENB	EUR	0,3850	0,3850	0,3450			0,3450					
Certificate	NL0013014863	AGFA 3.936BS OPENB	EUR											
Certificate	NL0013006703	AGFA 4.335BS OPENB	EUR	0,4050	0,4450	0,4050			0,4450					
Certificate	NL0013013527	AGFA 4.734BS OPENB	EUR	0,8050	0,8450	0,8050			0,8450					
Certificate	DE000CV8AZK9	AGNIC26.37TL OPENZ	EUR	2,0550	2,0550	2,0550			2,0550					
Certificate	DE000CN6KWL7	AGNIC31.68TL OPENZ	EUR	1,1950	1,1950	1,1650			1,1650					
Certificate	DE000CE6BQU0	AHOLD LEVOPENZ	EUR	24,1050	24,1050	23,3900	469,0000	1	23,3900	20				
Certificate	DE000CE6BQK1	AHOLD SHROPENZ	EUR	10,6700	11,0150	10,6700			11,0150					
Certificate	NL0010113478	AHOLD 3TL OPENB	EUR	83,6750	83,6750	83,6750			83,6750					
Certificate	NL0009974658	AHOLD 6TL OPENB	EUR	14,8300	14,8300	14,8300			14,8300					
Certificate	NL0010895884	AHOLD 11TL OPENB	EUR	10,2600	10,2600	10,1700			10,1700					
Certificate	DE000CY516B2	AHOLD 12TL OPENC	EUR	9,4200	9,4200	9,4200			9,4200					
Certificate	DE000CY519X0	AHOLD 12TL OPENC	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	DE000CY519Y8	AHOLD 13TL OPENC	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	DE000CY516C0	AHOLD 13TL OPENC	EUR	8,4600	8,4600	8,4600			8,4600					
Certificate	DE000CY50L38	AHOLD 14TL OPENC	EUR	6,8300	6,8300	6,8300			6,8300					



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	DE000CY50LU1	AHOLD 14TL OPENC	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	DE000CJ3NF3	AHOLD 15TL 1218Z	EUR	1,0950	1,0950	1,0950			1,0950					
Certificate	DE000CX59P10	AHOLD 15TL OPENC	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	DE000CQ5AXN1	AHOLD 15TL OPENC	EUR	6,4200	6,4200	6,4100	1284,0000	1		200				
Certificate	DE000CQ5ANU7	AHOLD 15TL OPENC	EUR	5,4000	5,4000	5,4000			5,4000					
Certificate	DE000CX59K56	AHOLD 15TL OPENC	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	DE000CY524H3	AHOLD 16TL OPENC	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	DE000CY523E2	AHOLD 16TL OPENC	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	DE000CY523U8	AHOLD 16TL OPENC	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	DE000VA7PWM4	AHOLD 17TL 0319V	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	DE000CV8ABE3	AHOLD 17TL 1218Z	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CQ5A0S3	AHOLD 17TL OPENC	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	DE000CY52B20	AHOLD 17TL OPENC	EUR	4,6600	4,6600	4,6600			4,6600					
Certificate	DE000VA64033	AHOLD 18TL 0319V	EUR	2,4950	2,4950	2,4950			2,4950					
Certificate	DE000VAGT134	AHOLD 18TL 1218V	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	DE000CV8AP28	AHOLD 18TL 1218Z	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CQ5A552	AHOLD 18TL OPENC	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000CQ5A776	AHOLD 18TL OPENC	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	NL0012648380	AHOLD 19BOC1218Z	EUR	18,9500	18,9500	18,9500			18,9500					
Certificate	NL0012648729	AHOLD 19BON0619Z	EUR	20,3950	20,3950	20,3950			20,3950					
Certificate	NL0012648711	AHOLD 19BON1218Z	EUR	20,5250	20,5250	20,5250			20,5250					
Certificate	DE000VA71X67	AHOLD 19TL 0319V	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	DE000VA71X26	AHOLD 19TL 1218V	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	DE000CQ5AJX9	AHOLD 19TL OPENC	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	DE000CQ5AHB9	AHOLD 19TL OPENC	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0012648398	AHOLD 20BOC0619Z	EUR	19,6500	19,6500	19,6500			19,6500					
Certificate	NL0012795306	AHOLD 21BOC0319Z	EUR	20,3100	20,3100	20,3100			20,3100					
Certificate	DE000VA64009	AHOLD 21TS 0319V	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	DE000VAGE0Q1	AHOLD 21TS 1218V	EUR	0,0850	0,0850	0,0850			0,0850					
Certificate	DE000CP06L42	AHOLD 21TS OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000CP06KU3	AHOLD 21TS OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CJ3NL25	AHOLD 22TS 1218Z	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	DE000CP06040	AHOLD 22TS OPENC	EUR	1,7400	1,7700	1,7400	1131,0000	1		650				
Certificate	DE000CY52B46	AHOLD 22TS OPENC	EUR											
Certificate	DE000CQ5AS34	AHOLD 23TS OPENC	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	DE000CQ5AJY7	AHOLD 23TS OPENC	EUR	3,3300	3,5000	3,3300	466,2000	1	3,5000	140				
Certificate	DE000CJ3NG1	AHOLD 24TS 1218Z	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	DE000CQ5AHC7	AHOLD 24TS OPENC	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	DE000CQ5B253	AHOLD 24TS OPENC	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	DE000CQ5BDR2	AHOLD 24TS OPENC	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	DE000CP06255	AHOLD 25TS OPENC	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	DE000CQ5BPL9	AHOLD 25TS OPENC	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	DE000CV8ABG8	AHOLD 26TS 1218Z	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	NL0010126751	AHOLD 3.6TL OPENB	EUR	81,2550	81,2550	81,2550			81,2550					
Certificate	NL0010123261	AHOLD 6.6TL OPENB	EUR	14,2900	14,2900	14,2900			14,2900					
Certificate	NL0010280368	AHOLD 7.5TL OPENB	EUR	13,4300	13,4300	13,4300			13,4300					
Certificate	NL0010877007	AHOLD 8.4TL OPENB	EUR	12,7200	12,7200	12,6300			12,6300					
Certificate	NL0010442299	AHOLD 9.6TL OPENB	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	NL0010899076	AHOLD 10.2TL OPENB	EUR	52,5750	52,5750	52,1350			52,1350					
Certificate	NL0010898912	AHOLD 11.6TL OPENB	EUR	9,6800	9,6800	9,5900			9,5900					
Certificate	NL0010912150	AHOLD 12.2TL OPENB	EUR	9,1600	9,1600	9,0700			9,0700					
Certificate	NL0010914404	AHOLD 12.7TL OPENB	EUR	8,6700	8,6700	8,5800			8,5800					
Certificate	NL0010918538	AHOLD 13.2TL OPENB	EUR	8,1900	8,1900	8,0900			8,0900					
Certificate	NL0010921763	AHOLD 13.9TL OPENB	EUR	7,6100	7,6100	7,5100			7,5100					
Certificate	NL0011260500	AHOLD 14.1TL OPENB	EUR	35,3250	35,3250	34,8850			34,8850					
Certificate	NL0011442249	AHOLD 14.5BL OPENB	EUR	6,1200	6,1200	6,0300			6,0300					
Certificate	NL0012497713	AHOLD 14.8TL OPENB	EUR	6,7300	6,7300	6,6400			6,6400					
Certificate	NL0012538649	AHOLD 16.3TL OPENH	EUR	5,3300	5,3300	5,2000			5,2000					
Certificate	NL0012494488	AHOLD 16.6BOC1218B	EUR	16,5600	16,5600	16,5600			16,5600					
Certificate	NL0012685010	AHOLD 16.6TL OPENB	EUR	5,1100	5,1100	5,0200			5,0200					
Certificate	NL0012685390	AHOLD 16.8BL OPENB	EUR	3,9000	3,9000	3,8000	570,0000	1	3,8100	150				
Certificate	NL0012583421	AHOLD 17.3TL OPENH	EUR	4,4000	4,4000	4,2700			4,2700					
Certificate	NL0012236251	AHOLD 17.4BON1218Z	EUR	20,4400	20,4400	20,4400			20,4400					
Certificate	DE000VA64025	AHOLD 17.5TL 0319V	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	DE000VAGTX96	AHOLD 17.5TL 1218V	EUR	2,9850	2,9850	2,9850			2,9850					
Certificate	NL0012770721	AHOLD 17.5TL OPENB	EUR	4,2800	4,2800	4,1900			4,1900					
Certificate	DE000CV87RC4	AHOLD 17.8TL OPENZ	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	NL0012779839	AHOLD 18.3TL OPENB	EUR	3,4700	3,4700	3,3800			3,3800					
Certificate	DE000VA64041	AHOLD 18.5TL 0319V	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	DE000VAGED30	AHOLD 18.5TL 1218V	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	DE000CJ3N2Y9	AHOLD 18.7TL OPENZ	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	NL0013013675	AHOLD 19.1TL OPENB	EUR	2,7000	2,7000	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	NL0012648935	AHOLD 19.5BOC1218Z	EUR	19,4100	19,4100	19,4100			19,4100					
Certificate	DE000VA710Q4	AHOLD 19.5TL 0319V	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	DE000VA710P6	AHOLD 19.5TL 1218V	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	NL0012648943	AHOLD 20.5BOC0619Z	EUR	20,0500	20,0500	20,0500			20,0500					
Certificate	NL0012792972	AHOLD 20.8BOC1218B	EUR	20,5300	20,5300	20,5100			20,5100					
Certificate	DE000VA64017	AHOLD 21.5TS 0319V	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	NL0012936082	AHOLD 21.6TS OPENH	EUR	2,8900	3,0300	2,8900			3,0300					
Certificate	NL0012987937	AHOLD 21.7TS OPENB	EUR	2,9500	3,0500	2,9500			3,0500					
Certificate	NL0012601611	AHOLD 22.3TS OPENH	EUR	3,6500	3,7900	3,6500			3,7900					
Certificate	NL0012795652	AHOLD 23.5BOC0919Z	EUR	20,6600	20,6600	20,6600			20,6600					
Certificate	NL0011656608	AHOLD 23.7TS OPENB	EUR	5,1400	5,2400	5,1400			5,2400					
Certificate	NL0013002983	AHOLD 25.6TS OPENB	EUR	7,2500	7,3500	7,2500			7,3500					
Certificate	NL0011044201	AHOLD 9.88TL OPENH	EUR	11,3000	11,3000	11,1600			11,1600					
Certificate	DE000CE6EH61	AHOLD11.62TL OPENZ	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	NL0011044193	AHOLD12.01TL OPENH	EUR	9,3200	9,3200	9,1800			9,1800					
Certificate	DE000CE6F2D1	AHOLD12.12TL OPENZ	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	NL0012273940	AHOLD12.378L OPENB	EUR	8,2700	8,2700	8,1700			8,1700					
Certificate	DE000CE6DMK6	AHOLD12.63TL OPENZ	EUR	1,5550	1,5550	1,5550			1,5550					
Certificate	NL0011044185	AHOLD13.07TL OPENH	EUR	8,3300	8,3300	8,2000			8,2000					
Certificate	DE000CR4JDR7	AHOLD13.16TL OPENZ	EUR	3,4950	3,4950	3,4350			3,4350					
Certificate	NL0011442231	AHOLD13.418L OPENB	EUR	7,2100	7,2100	7,1100			7,1100					
Certificate	DE000CC5KCK6	AHOLD13.47TL OPENC	EUR	7,6900	7,6900	7,6900			7,6900					
Certificate	DE000VL2FRN1	AHOLD13.59TL OPENV	EUR	7,1550	7,1550	7,1550			7,1550					
Certificate	DE000CR4H9M9	AHOLD13.64TL OPENZ	EUR	6,8900	6,8900	6,7600			6,7600					
Certificate	NL0011044177	AHOLD14.13TL OPENH	EUR	7,3500	7,3500	7,2100			7,2100					
Certificate	DE000CR4JSV6	AHOLD14.34TL OPENZ	EUR	6,1900	6,1900	6,0600			6,0600					
Certificate	DE000CR6XCT1	AHOLD14.41TL OPENZ	EUR	2,9050	2,9050	2,8450			2,8450					
Certificate	LU1574195100	AHOLD14.88TCIOPENS	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	NL0012520340	AHOLD14.92TL OPENH	EUR	6,6100	6,6100	6,4700			6,4700					
Certificate	DE000C8A2Y4	AHOLD14.97TL OPENC	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	DE000VL2FV38	AHOLD15.11TL OPENV	EUR	5,6250	5,6250	5,6250			5,6250					
Certificate	NL0012501399	AHOLD15.278L OPENB	EUR	5,3700	5,3700	5,2800			5,2800					
Certificate	DE000CE6EYU8	AHOLD15.32TL OPENZ	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000VL37ES4	AHOLD15.64TL OPENV	EUR	5,1250	5,1250	5,1250			5,1250					
Certificate	DE000CE6F4G0	AHOLD15.82TL OPENZ	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	NL0012509020	AHOLD16.048L OPENB	EUR	4,6100	4,6100	4,5200			4,5200					
Certificate	DE000VL37QV2	AHOLD16.14TL OPENV	EUR	4,6150	4,6150	4,6150			4,6150					
Certificate	LU1650853457	AHOLD16.42TCIOPENS	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000VL5RW48	AHOLD16.66TL OPENV	EUR	4,1050	4,1050	4,1050			4,1050					
Certificate	DE000CV4YVR2	AHOLD16.82TL OPENZ	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	DE000VA6TXR5	AHOLD17.05TL OPENV	EUR	3,3950	3,3950	3,3950			3,3950					
Certificate	DE000VL76E54	AHOLD17.21TL OPENV	EUR	3,6050	3,6050	3,6050			3,6050					
Certificate	DE000VA64XA9	AHOLD17.65TL OPENV	EUR	2,7950	2,7950	2,7950			2,7950					
Certificate	DE000VL76NP9	AHOLD17.73TL OPENV	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	DE000VA6TXS3	AHOLD18.05TL OPENV	EUR	2,3950	2,3950	2,3950			2,3950					
Certificate	DE000VL8XJ51	AHOLD18.24TL OPENV	EUR	2,5950	2,5950	2,5950			2,5950					
Certificate	NL0012600886	AHOLD18.29TL OPENH	EUR	3,4800	3,4800	3,4400			3,4400					
Certificate	NL0012779466	AHOLD18.328L OPENB	EUR	2,3200	2,3200	2,2300			2,2300					
Certificate	LU1817372987	AHOLD18.32TCIOPENS	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	LU1840350067	AHOLD18.64TCIOPENS	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	DE000VA6TXX1	AHOLD18.65TL OPENV	EUR	1,7850	1,7850	1,7850			1,7850					
Certificate	DE000VL97TB2	AHOLD18.75TL OPENV	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	NL0012904957	AHOLD18.78TL OPENH	EUR	3,0200	3,0200	2,8800			2,8800					
Certificate	DE000VA7TFM1	AHOLD18.87TL OPENV	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	LU1840980756	AHOLD18.97TCIOPENS	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0013013337	AHOLD19.078L OPENB	EUR	1,5700	1,5700	1,4800			1,4800					
Certificate	DE000VA71WX8	AHOLD19.07TL OPENV	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	DE000VA71Z32	AHOLD19.27TL OPENV	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	DE000VA71B84	AHOLD19.47TL OPENV	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	LU1841153015	AHOLD19.58TCIOPENS	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000CJ3PF88	AHOLD19.59TL OPENZ	EUR	0,1750	0,1750	0,1750			0,1750					
Certificate	DE000VA8FTS6	AHOLD19.67TL OPENV	EUR											
Certificate	DE000VA80KN5	AHOLD19.68TL OPENV	EUR											
Certificate	NL0013127178	AHOLD19.78TL OPENH	EUR	2,1000	2,1000	1,9600			1,9600					
Certificate	DE000VA8FZG8	AHOLD19.87TL OPENV	EUR											
Certificate	DE000VA80KS4	AHOLD19.88TL OPENV	EUR											
Certificate	DE000VAGEHK5	AHOLD20.59TS OPENV	EUR											
Certificate	LU1817372128	AHOLD20.61TCIOPENS	EUR											
Certificate	NL0012901086	AHOLD20.68TS OPENH	EUR	1,9000	2,0400	1,9000			2,0400					
Certificate	DE000VAGEDG2	AHOLD20.79TS OPENV	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	DE000VAGEHMI	AHOLD20.99TS OPENV	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	NL0012900666	AHOLD21.18TS OPENH	EUR	2,4300	2,5800	2,4300			2,5800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VAGEHP4	AHOLD21.19TS OPENV	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000VAGEHS8	AHOLD21.39TS OPENV	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	DE000CJ3NJT4	AHOLD21.69TS OPENZ	EUR	0,2850	0,2850	0,2850			0,2850					
Certificate	DE000VA4Y154	AHOLD21.85TS OPENV	EUR	1,5150	1,5150	1,5150			1,5150					
Certificate	DE000VA6TXP9	AHOLD21.99TS OPENV	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	DE000VA6TXQ7	AHOLD22.19TS OPENV	EUR	1,9250	1,9250	1,9250			1,9250					
Certificate	NL0011522966	AHOLD22.27BS OPENB	EUR	1,9600	2,0600	1,9600			2,0600					
Certificate	NL0012602585	AHOLD22.29TS OPENH	EUR	3,6400	3,7800	3,6400			3,7800					
Certificate	DE000VA64W91	AHOLD22.38TS OPENV	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	NL0011930631	AHOLD22.42TS OPENH	EUR	3,7700	3,9200	3,7700			3,9200					
Certificate	NL0012919989	AHOLD22.47TS OPENH	EUR	3,8200	3,9700	3,8200			3,9700					
Certificate	LU1790428608	AHOLD22.72TPIOPENS	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000VA4Y0S0	AHOLD22.85TS OPENV	EUR	2,5150	2,5150	2,5150			2,5150					
Certificate	NL0011720248	AHOLD22.93TS OPENH	EUR	4,3300	4,4700	4,3300			4,4700					
Certificate	DE000VA71095	AHOLD22.95TS OPENV	EUR	2,7250	2,7250	2,7250			2,7250					
Certificate	DE000VA8FZF0	AHOLD23.34TS OPENV	EUR	3,1250	3,1250	3,1250			3,1250					
Certificate	DE000CD62VH6	AHOLD23.69TS OPENZ	EUR	0,6550	0,6750	0,6550			0,6750					
Certificate	DE000VA323A2	AHOLD23.89TS OPENV	EUR	3,5050	3,5050	3,5050			3,5050					
Certificate	NL0011230982	AHOLD24.11TS OPENH	EUR	5,6100	5,7500	5,6100			5,7500					
Certificate	NL0012780134	AHOLD24.24BS OPENB	EUR	3,9300	4,0300	3,9300			4,0300					
Certificate	DE000VA4YXB4	AHOLD24.89TS OPENV	EUR	4,5250	4,5250	4,5250			4,5250					
Certificate	DE000CV8A195	AHOLD25.69TS OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	NL0013015027	AHOLD26.24BS OPENB	EUR	5,9300	6,0300	5,9300			6,0300					
Certificate	NL0012933170	AHOLD28.02TS OPENH	EUR	9,8300	9,9800	9,8300			9,9800					
Certificate	DE000CW42K73	AIRBU 45TL OPENC	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	DE000CY16KX8	AIRBU 60TL OPENC	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0012981997	AIRBU 113TS OPENB	EUR	23,4950	26,5150	23,4950			26,5150					
Certificate	NL0009447648	AIRBU 8.7TL OPENB	EUR	87,5250	87,5250	87,5250			87,5250					
Certificate	NL0010284840	AIRBU 29.1TL OPENB	EUR	68,4750	68,4750	68,4750			68,4750					
Certificate	NL0010379855	AIRBU 33.5TL OPENB	EUR	64,4450	64,4450	64,4450			64,4450					
Certificate	NL0010888640	AIRBU 35.1TL OPENB	EUR	66,1250	66,1250	62,9350			62,9350					
Certificate	NL0012103469	AIRBU 60.2TL OPENB	EUR	42,7950	42,7950	39,6050			39,6050					
Certificate	NL0012519441	AIRBU 71.1TL OPENH	EUR	32,5700	32,5700	29,4200			29,4200					
Certificate	NL0012497671	AIRBU 75.5TL OPENB	EUR	28,5250	28,5250	25,3350	7193,0000	2	25,3350	255				
Certificate	NL0012529127	AIRBU 79.2TL OPENH	EUR	25,0300	25,0300	21,8900			21,8900					
Certificate	NL0013008618	AIRBU 81.6BL OPENB	EUR	1,7750	1,7750	1,4550			1,4550					
Certificate	NL0012689137	AIRBU 84.6TL OPENB	EUR	20,0250	20,0250	16,8350			16,8350					
Certificate	NL0012689491	AIRBU 87.7TL OPENB	EUR	17,2050	17,2050	14,0150			14,0150					
Certificate	NL0013009616	AIRBU 90.6TL OPENB	EUR	14,5050	14,5050	11,3150			11,3150					
Certificate	NL0013086044	AIRBU100.5TS OPENH	EUR	10,0100	13,1300	10,0100			13,1300					
Certificate	NL0013014871	AIRBU100.6BS OPENB	EUR	0,2650	0,5650	0,2650			0,5650					
Certificate	NL0013015498	AIRBU100.7TS OPENB	EUR	10,2450	13,2650	10,2450			13,2650					
Certificate	NL0013009855	AIRBU103.2TS OPENB	EUR	12,9650	15,9850	12,9650			15,9850					
Certificate	NL0013009863	AIRBU105.7TS OPENB	EUR	15,6650	18,6850	15,6650			18,6850					
Certificate	NL0013007289	AIRBU108.2TS OPENB	EUR	18,3550	21,3750	18,3550			21,3750					
Certificate	NL0012977763	AIRBU110.6BS OPENB	EUR	1,2650	1,5650	1,2650			1,5650					
Certificate	NL0012971915	AIRBU110.6TS OPENB	EUR	20,8950	23,9150	20,8950			23,9150					
Certificate	NL0012582118	AIRBU112.3TS OPENH	EUR	22,8200	25,9300	22,8200			25,9300					
Certificate	NL0012979504	AIRBU120.5BS OPENB	EUR	2,2550	2,5550	2,2550			2,5550					
Certificate	NL0012529283	AIRBU126.6TS OPENH	EUR	38,3600	41,4400	38,3600			41,4400					
Certificate	NL0012553395	AIRBU139.4TS OPENH	EUR	52,1400	55,2300	52,1400			55,2300					
Certificate	NL0012582472	AIRBU151.6TS OPENH	EUR	65,4000	68,4500	65,4000			68,4500					
Certificate	NL0011412838	AIRBU21.35TL OPENH	EUR	78,8000	78,8000	75,7100			75,7100					
Certificate	NL0011412796	AIRBU46.58TL OPENH	EUR	55,3800	55,3800	52,2400			52,2400					
Certificate	NL0011993456	AIRBU52.99TL OPENH	EUR	49,4200	49,4200	46,2800			46,2800					
Certificate	DE000CD63PK0	AIRBU54.93TL OPENZ	EUR	42,7300	42,7300	40,7600			40,7600					
Certificate	NL0012051692	AIRBU58.93TL OPENH	EUR	43,9000	43,9000	40,7600			40,7600					
Certificate	DE000CD644P7	AIRBU61.06TL OPENZ	EUR	36,6150	36,6150	34,6450			34,6450					
Certificate	NL0012175020	AIRBU63.44TL OPENH	EUR	39,7000	39,7000	36,5600			36,5600					
Certificate	DE000CE6BS46	AIRBU67.05TL OPENZ	EUR	6,1200	6,1200	5,7300			5,7300					
Certificate	NL0012211346	AIRBU67.07TL OPENH	EUR	36,2700	36,2700	33,1700			33,1700					
Certificate	NL0012520704	AIRBU75.15TL OPENH	EUR	28,8000	28,8000	25,6600			25,6600					
Certificate	DE000CE6EXR6	AIRBU76.01TL OPENZ	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	NL0012578546	AIRBU83.21TL OPENH	EUR	21,3100	21,3100	18,1700			18,1700					
Certificate	DE000CV87FF2	AIRBU85.95TL OPENZ	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	NL0012977482	AIRBU86.61BL OPENB	EUR	1,2750	1,2750	0,9550			0,9550					
Certificate	NL0012578538	AIRBU87.25TL OPENH	EUR	17,5500	17,5500	14,4100			14,4100					
Certificate	NL0012608426	AIRBU91.26TL OPENH	EUR	13,8100	13,8100	10,6700			10,6700					
Certificate	NL0012795967	AIRFR LEVOPENZ	EUR	45,6100	45,6100	45,6100			45,6100					
Certificate	NL0012796007	AIRFR SHROPENZ	EUR	27,5400	27,5400	27,5400			27,5400					
Certificate	DE000CYDAYK6	AIRFR 5TL OPENC	EUR	3,8900	3,8900	3,8100	583,5000	1	3,8100	150				
Certificate	LU1756859010	AIRFR 6TCIOPENS	EUR	3,3200	3,3200	3,3200			3,3200					



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	DE000VA3ZUR5	AIRFR 6TL 1218V	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	DE000CQ5AU48	AIRFR 6TL OPENC	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	DE000CQ5AS42	AIRFR 6TL OPENC	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000VA7PUC9	AIRFR 7TL 0319V	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000VA3Z328	AIRFR 7TL 1218V	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	NL0012978233	AIRFR 7TL OPENB	EUR	3,0100	3,0100	2,8100	2708,0000	2	2,8500	950				
Certificate	DE000CQ5BHE1	AIRFR 7TL OPENC	EUR											
Certificate	DE000CP06Z87	AIRFR 7TL OPENC	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	DE000VA8FYL1	AIRFR 8TL 0319V	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000VA8FYK3	AIRFR 8TL 1218V	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	NL0013017015	AIRFR 8TL OPENB	EUR	2,0100	2,0100	1,8200	937,5000	2	1,8500	500				
Certificate	DE000VA7PUA3	AIRFR 9TS 0319V	EUR											
Certificate	DE000VA7PUF2	AIRFR 9TS 1218V	EUR											
Certificate	DE000CP06PD8	AIRFR 9TS OPENC	EUR											
Certificate	DE000CP06NS1	AIRFR 9TS OPENC	EUR											
Certificate	NL0012796817	AIRFR 10BOC0919Z	EUR	9,1200	9,1200	9,1200			9,1200					
Certificate	DE000VA7PT95	AIRFR 10TS 0319V	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000VA4Y2A4	AIRFR 10TS 1218V	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	DE000CQ5AK08	AIRFR 10TS OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CQ5ABN7	AIRFR 10TS OPENC	EUR	0,1700	0,4100	0,1700	1556,0000	5	0,3700	5200				
Certificate	DE000CQ5A578	AIRFR 11TS OPENC	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CV50L53	AIRFR 16TS OPENC	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	NL0009998012	AIRFR 2.9TL OPENB	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	NL0011240825	AIRFR 3.6TL OPENH	EUR	6,1100	6,1100	5,9500			5,9500					
Certificate	DE000CD6Z5T7	AIRFR 4.1TL OPENZ	EUR	5,3050	5,3900	5,3050			5,3900					
Certificate	NL0010133435	AIRFR 4.4TL OPENB	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	NL0011240817	AIRFR 4.5TL OPENH	EUR	5,3300	5,3300	5,1700			5,1700					
Certificate	NL0011919006	AIRFR 4.6TL OPENB	EUR	5,2600	5,2600	5,1000			5,1000					
Certificate	DE000CX596P5	AIRFR 4.6TL OPENC	EUR	4,2000	4,2000	4,1000	4,2000	1	4,1000	1				
Certificate	DE000VA3ZUN4	AIRFR 5.6TL 1218V	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	NL0012111785	AIRFR 5.6TL OPENB	EUR	4,2800	4,3000	4,1300	2149,5000	3	4,1300	505				
Certificate	DE000VA3ZUP9	AIRFR 5.8TL 1218V	EUR	3,6500	3,6500	3,6500			3,6500					
Certificate	DE000VA3ZUT1	AIRFR 6.2TL 1218V	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0012175061	AIRFR 6.3TL OPENH	EUR	3,6200	3,6200	3,4600			3,4600					
Certificate	DE000CE6BNL6	AIRFR 6.3TL OPENZ	EUR	3,2050	3,2900	3,2050			3,2900					
Certificate	DE000VA71PN3	AIRFR 6.4TL 0319V	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	DE000VA3ZUV7	AIRFR 6.4TL 1218V	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000CQ5AYL3	AIRFR 6.5TL OPENC	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0012175053	AIRFR 6.5TL OPENH	EUR	3,4300	3,4300	3,2700			3,2700					
Certificate	DE000VA71WQ2	AIRFR 6.6TL 0319V	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000VA3ZUX3	AIRFR 6.6TL 1218V	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	NL0012794721	AIRFR 6.6TL OPENB	EUR	3,3700	3,3700	3,2100			3,2100					
Certificate	DE000VA1SR82	AIRFR 6.6TL OPENV	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	DE000VA8FVV6	AIRFR 6.8TL 0319V	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	DE000VA3ZU28	AIRFR 6.8TL 1218V	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0012926000	AIRFR 6.8TL OPENH	EUR	3,1900	3,1900	3,0200			3,0200					
Certificate	NL0012927404	AIRFR 7.1TL OPENH	EUR	2,9100	2,9100	2,7500			2,7500					
Certificate	DE000VA71WR0	AIRFR 7.2TL 0319V	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000VA4YXE8	AIRFR 7.2TL 1218V	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	NL0012932776	AIRFR 7.3TL OPENH	EUR	2,7300	2,7300	2,5600			2,5600					
Certificate	DE000VA4YX59	AIRFR 7.4TL 1218V	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	NL0012985915	AIRFR 7.4TL OPENB	EUR	2,6400	2,6400	2,4800	2358,0000	1	2,4800	900				
Certificate	DE000VA7PUD7	AIRFR 7.5TL 0319V	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000CP06057	AIRFR 7.5TL OPENC	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	NL0012933766	AIRFR 7.5TL OPENH	EUR	2,5400	2,5400	2,3800			2,3800					
Certificate	DE000CQ5BDS0	AIRFR 7.5TS OPENC	EUR											
Certificate	DE000VA4YX75	AIRFR 7.6TL 1218V	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	NL0013012131	AIRFR 7.7TL OPENB	EUR	2,2900	2,2900	2,1300			2,1300					
Certificate	NL0012933758	AIRFR 7.7TL OPENH	EUR	2,3600	2,3600	2,1900			2,1900					
Certificate	NL0013145691	AIRFR 8.3TL OPENB	EUR	1,7300	1,7300	1,5700	815,0000	1	1,5700	500				
Certificate	DE000VA80HW2	AIRFR 8.5TL 0319V	EUR											
Certificate	DE000VA80HV4	AIRFR 8.5TL 1218V	EUR											
Certificate	DE000CQ58YN7	AIRFR 8.5TL OPENC	EUR	0,9100	1,0400	0,8100	3359,5000	4	0,8700	3500				
Certificate	DE000VA8FSD0	AIRFR 8.5TS 0319V	EUR											
Certificate	DE000VA8FSE8	AIRFR 8.5TS 1218V	EUR											
Certificate	DE000CQ5AU55	AIRFR 8.5TS OPENC	EUR											
Certificate	LU1841153791	AIRFR 8.8TPIOPENS	EUR											
Certificate	NL0013009848	AIRFR 8.8TS OPENB	EUR											
Certificate	NL0013128143	AIRFR 8.9TS OPENH	EUR											
Certificate	NL0012598270	AIRFR 9.3TS OPENH	EUR											
Certificate	NL0012988695	AIRFR 9.4TS OPENB	EUR											
Certificate	NL0012796429	AIRFR 9.5BOC0919Z	EUR	8,9000	8,9000	8,9000			8,9000					



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	DE000VA7PUB1	AIRFR 9.5TS 0319V	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000VA5EMY8	AIRFR 9.5TS 1218V	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	NL0012598262	AIRFR 9.5TS OPENH	EUR	0,8900	1,0500	0,8900			1,0500					
Certificate	NL0012598254	AIRFR 9.7TS OPENH	EUR	1,1000	1,2600	1,1000			1,2600					
Certificate	NL0012795504	AIRFR 9.8BOC0619Z	EUR	9,2000	9,2000	9,2000			9,2000					
Certificate	NL0012988703	AIRFR 9.9TS OPENB	EUR	1,3100	1,5000	1,3000	5613,5000	2	1,4700	3850				
Certificate	NL0012796437	AIRFR 10.1BOC1219Z	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	NL0012580559	AIRFR 10.3TS OPENH	EUR	1,7100	1,8700	1,7100	525,0000	1	1,8700	300				
Certificate	NL0012795512	AIRFR 10.5BOC0919Z	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	NL0013000433	AIRFR 10.5BS OPENB	EUR	1,1850	1,3450	1,1850	655,0000	1	1,3450	500				
Certificate	DE000VA80H50	AIRFR 10.5TS 0319V	EUR											
Certificate	DE000VA5RKM9	AIRFR 10.5TS 1218V	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0012689681	AIRFR 10.5TS OPENB	EUR	1,9200	2,0800	1,9200			2,0800					
Certificate	DE000CQ5A560	AIRFR 10.5TS OPENC	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	NL0012580542	AIRFR 10.8TS OPENH	EUR	2,2400	2,4000	2,2400			2,4000					
Certificate	DE000CJ3NV49	AIRFR 11.1TS OPENZ	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0012580534	AIRFR 11.7TS OPENH	EUR	3,3100	3,4600	3,3100			3,4600					
Certificate	DE000CY524K7	AIRFR 12.5TS OPENC	EUR											
Certificate	DE000CY523W4	AIRFR 12.5TS OPENC	EUR											
Certificate	NL0012559637	AIRFR 12.7TS OPENH	EUR	4,3400	4,5000	4,3400			4,5000					
Certificate	NL0012560916	AIRFR 13.5TS OPENH	EUR	5,2000	5,3500	5,2000			5,3500					
Certificate	NL0012367817	AIRFR 14.5TS OPENH	EUR	6,2600	6,4200	6,2600			6,4200					
Certificate	NL0012274724	AIRFR 14.6TS OPENB	EUR	6,3500	6,5100	6,3500			6,5100					
Certificate	NL0012331961	AIRFR 15.5TS OPENH	EUR	7,3900	7,5500	7,3900			7,5500					
Certificate	NL0006273211	AIRFR 16.6TS OPENB	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	NL0012516918	AIRFR 17.6TS OPENH	EUR	9,6800	9,8400	9,6800			9,8400					
Certificate	NL0012536411	AIRFR 17.7TS OPENH	EUR	9,7500	9,9100	9,7500			9,9100					
Certificate	DE000CV89BQ4	AIRFR 4.41TL OPENZ	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	DE000CV89F42	AIRFR 5.24TL OPENZ	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000VA2T4U7	AIRFR 5.61TL OPENV	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	DE000CV88N50	AIRFR 5.77TL OPENZ	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	DE000VA1ZDB9	AIRFR 6.11TL OPENV	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	DE000CQ5AYK5	AIRFR 6.25TL OPENC	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000CX0JEZ8	AIRFR 6.25TL OPENC	EUR											
Certificate	DE000CV87XY6	AIRFR 6.42TL OPENZ	EUR	2,8400	3,0700	2,8400	11727,0500	6	2,9000	3915				
Certificate	LU1790007766	AIRFR 6.44TCIOPENS	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	LU1790007923	AIRFR 6.67TCIOPENS	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	DE000CV89WC0	AIRFR 6.83TL OPENZ	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000VA3TK11	AIRFR 7.07TS OPENV	EUR											
Certificate	LU1790494907	AIRFR 7.08TCIOPENS	EUR	2,3700	2,3700	2,2700	3583,5000	2	2,2700	1550				
Certificate	DE000VA4YS23	AIRFR 7.14TL OPENV	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	NL0012984223	AIRFR 7.21BL OPENB	EUR	2,3850	2,3850	2,2150	678,0000	1	2,2150	300				
Certificate	DE000CV8AHG5	AIRFR 7.35TL OPENZ	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	LU1790584301	AIRFR 7.46TCIOPENS	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000VA3TEL5	AIRFR 7.57TS OPENV	EUR											
Certificate	LU1790584566	AIRFR 7.63TCIOPENS	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000VA4YVG1	AIRFR 7.64TL OPENV	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000CJ3PKK6	AIRFR 7.95TL OPENZ	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	LU1859911569	AIRFR 8.21TCIOPENS	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	LU1859911643	AIRFR 8.36TCIOPENS	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000CJ3PUR0	AIRFR 8.46TL OPENZ	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CJ3PV54	AIRFR 8.57TL OPENZ	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	LU1859913425	AIRFR 8.69TCIOPENS	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	LU1840911199	AIRFR 9.13TCIOPENS	EUR											
Certificate	DE000CV886W8	AIRFR 9.13TS OPENZ	EUR											
Certificate	DE000VL97Q22	AIRFR 9.63TS OPENV	EUR											
Certificate	DE000CV883G8	AIRFR 9.69TS OPENZ	EUR	0,3300	0,5300	0,3200	3890,0000	8	0,4600	9000				
Certificate	LU1790699893	AIRFR 9.72TCIOPENS	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0012773014	AIRFR10.01BS OPENB	EUR	0,6850	0,8450	0,6850	8150,0000	2	0,8450	10000				
Certificate	DE000CV87YH9	AIRFR10.08TS OPENZ	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000VL97Q06	AIRFR10.13TS OPENV	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000VL8XMF8	AIRFR10.46TS OPENV	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000VA6EFA0	AIRFR10.47TS OPENV	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000VA5EMV4	AIRFR10.51TS OPENV	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CV8AJ65	AIRFR10.68TS OPENZ	EUR	1,4400	1,4500	1,4400	576,0000	1	1,4500	400				
Certificate	LU1840348590	AIRFR10.88TCIOPENS	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000VL8XMG6	AIRFR10.96TS OPENV	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000VA6EFC6	AIRFR11.07TS OPENV	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	DE000VA5RKJ5	AIRFR11.31TS OPENV	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000CV8B1S7	AIRFR11.68TS OPENZ	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000CV88GP7	AIRFR5.421TL OPENZ	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	DE000CV893X2	AIRFR5.917TL OPENZ	EUR	3,4000	3,4000	3,4000			3,4000					



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	NL0012970420	AIRFR5.9478L OPENB	EUR	3,6450	3,6450	3,4850			3,4850					
Certificate	NL0012787287	AIRFR6.2018L OPENB	EUR	3,3850	3,3850	3,2250			3,2250					
Certificate	DE000VA71WM1	AIRFR6.2367L OPENV	EUR	3,1500	3,1500	3,1500								
Certificate	DE000VA1SR33	AIRFR6.4327L OPENV	EUR	2,8500	2,8500	2,8500								
Certificate	NL0012787295	AIRFR6.4548L OPENB	EUR	3,1350	3,1350	2,9750	2302,5000	1	2,9750	750				
Certificate	NL0012114334	AIRFR6.7078L OPENB	EUR	2,8850	2,8850	2,7000	2087,1800	4	2,7250	753				
Certificate	DE000VA71RQ2	AIRFR6.7357L OPENV	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CV89W25	AIRFR6.9187L OPENZ	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	NL0012977185	AIRFR6.9598L OPENB	EUR	2,6350	2,6350	2,4650			2,4650					
Certificate	DE000VA32344	AIRFR6.9757L OPENV	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	DE000CN6G2A7	AIRFR7.0337S OPENZ	EUR											
Certificate	DE000VA6EFG7	AIRFR7.3197L OPENV	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CV8AHA8	AIRFR7.4127L OPENZ	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	NL0012985766	AIRFR7.4628L OPENB	EUR	2,1250	2,1250	1,9550	823,2000	1	1,9650	420				
Certificate	DE000VA4YYJ5	AIRFR7.4887L OPENV	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0012986129	AIRFR7.7148L OPENB	EUR	1,8750	1,8750	1,7000	13616,0000	3	1,7150	7950				
Certificate	DE000VA71RR0	AIRFR7.7357L OPENV	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	DE000CJ3PK40	AIRFR7.9137L OPENZ	EUR	1,4450	1,4450	1,4200	576,0000	1	1,4200	400				
Certificate	DE000VA8FY73	AIRFR7.9417L OPENV	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	NL0013017510	AIRFR7.9638L OPENB	EUR	1,6250	1,6250	1,4650			1,4650					
Certificate	DE000VA8F2Y3	AIRFR8.1417L OPENV	EUR											
Certificate	DE000VA80J64	AIRFR8.2457L OPENV	EUR											
Certificate	DE000VA80FV8	AIRFR8.4457L OPENV	EUR											
Certificate	NL0013013832	AIRFR8.5188S OPENB	EUR											
Certificate	DE000VA8FSM1	AIRFR8.5467S OPENV	EUR											
Certificate	DE000CJ3N401	AIRFR8.7957S OPENZ	EUR											
Certificate	DE000VA7TFJ7	AIRFR8.8547S OPENV	EUR											
Certificate	NL0013001712	AIRFR9.0148S OPENB	EUR											
Certificate	DE000VAGT2B7	AIRFR9.0697S OPENV	EUR											
Certificate	DE000VASRRE1	AIRFR9.2937S OPENV	EUR											
Certificate	DE000VAGEFD4	AIRFR9.4747S OPENV	EUR											
Certificate	NL0012988463	AIRFR9.5118S OPENB	EUR	0,1950	0,3450	0,1750	2647,7000	3	0,3450	13370				
Certificate	DE000VL8XMJ0	AIRFR9.9597S OPENV	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000VAGT3J8	AIRFR9.9687S OPENV	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	NL0012924278	AIRLQ 104.7L OPENH	EUR	1,0800	1,0800	0,9100			0,9100					
Certificate	NL0010888590	AIRLQ 71.87L OPENB	EUR	4,6150	4,6150	4,4150			4,4150					
Certificate	NL0012030258	AIRLQ 80.37L OPENB	EUR	3,6250	3,6250	3,4250			3,4250					
Certificate	NL0012038681	AIRLQ 85.97L OPENB	EUR	3,0450	3,0450	2,8550			2,8550					
Certificate	NL0012524524	AIRLQ115.17S OPENH	EUR	1,7000	1,8700	1,7000			1,8700					
Certificate	NL0012539209	AIRLQ115.67S OPENH	EUR	1,7400	1,9100	1,7400			1,9100					
Certificate	NL0012596373	AIRLQ123.97S OPENH	EUR	2,6500	2,8200	2,6500			2,8200					
Certificate	NL0011599030	AIRLQ70.347L OPENH	EUR	4,6400	4,6400	4,4500			4,4500					
Certificate	DE000CR9RPS1	AIRLQ73.917L OPENZ	EUR	3,3400	3,3400	3,2200			3,2200					
Certificate	NL0011988605	AIRLQ79.727L OPENH	EUR	3,6800	3,6800	3,4900			3,4900					
Certificate	DE000CD64235	AIRLQ84.817L OPENZ	EUR	2,2500	2,2500	2,1300			2,1300					
Certificate	NL0012572473	AIRLQ86.777L OPENH	EUR	2,6900	2,6900	2,5100			2,5100					
Certificate	NL0012572465	AIRLQ90.827L OPENH	EUR	2,3100	2,3100	2,1400			2,1400					
Certificate	NL0012572457	AIRLQ92.857L OPENH	EUR	2,1200	2,1200	1,9500			1,9500					
Certificate	DE000CV87HP7	AIRLQ94.737L OPENZ	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	NL0012572440	AIRLQ94.867L OPENH	EUR	1,9400	1,9400	1,7600			1,7600					
Certificate	NL0013009624	AIXG 5.267L OPENB	EUR	1,4350	1,4350	1,3650			1,3650					
Certificate	NL0013002793	AIXG 6.267L OPENB	EUR	1,2550	1,2550	1,1850			1,1850					
Certificate	NL0013002801	AIXG 7.267L OPENB	EUR	1,0750	1,0750	1,0050			1,0050					
Certificate	NL0013019037	AIXG 8.257L OPENB	EUR	0,8950	0,8950	0,8150			0,8150					
Certificate	DE000CJ3PTD2	AIXG 8.457L OPENZ	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	NL0013015944	AIXG 8.987S OPENB	EUR											
Certificate	NL0013145709	AIXG 9.257L OPENB	EUR	0,7150	0,7150	0,6350			0,6350					
Certificate	DE000CJ3PTE0	AIXG 9.357L OPENZ	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	NL0013145717	AIXG 10.257L OPENB	EUR	0,5350	0,5350	0,4550			0,4550					
Certificate	DE000CJ3PUS8	AIXG 10.357L OPENZ	EUR	0,2650	0,2650	0,2650			0,2650					
Certificate	NL0012999197	AIXG 10.987S OPENB	EUR											
Certificate	NL0012999205	AIXG 11.977S OPENB	EUR											
Certificate	NL0013146103	AIXG 13.977S OPENB	EUR	0,7150	0,7850	0,7150			0,7850					
Certificate	DE000CJ3NV98	AIXG 5.2417L OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000CJ3PK57	AIXG 6.0537L OPENZ	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	DE000CV89NY3	AIXG 6.7567L OPENZ	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000CJ3PLY5	AIXG 7.5537L OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0012040661	AKZO 507L OPENB	EUR	29,5750	29,5750	28,7150			28,7150					
Certificate	DE000CP06W31	AKZO 607L OPENC	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CQ5AK16	AKZO 607L OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CQ5AAAX8	AKZO 657L OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0012201107	AKZO 657L OPENH	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	DE000CQ5A3F4	AKZO 68TL OPENC	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CQ5A3G2	AKZO 70TL OPENC	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000CQ5AAY6	AKZO 70TL OPENC	EUR	1,0000	1,0000	1,0000			1,0000					
Certificate	DE000CQ5A3H0	AKZO 72TL OPENC	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CQ5B279	AKZO 75TL OPENC	EUR											
Certificate	DE000CP06295	AKZO 80TS OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CP06W56	AKZO 80TS OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0012796098	AKZO 84BON1219Z	EUR	76,7600	76,7600	76,7600			76,7600					
Certificate	NL0012987234	AKZO 86BOC0619B	EUR	78,7500	78,7500	78,0000			78,0000					
Certificate	NL0012795660	AKZO 89BOC0619Z	EUR	75,9600	75,9600	75,9600			75,9600					
Certificate	DE000CQ5A3J6	AKZO 90TS OPENC	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CQ5AB25	AKZO 90TS OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0012213987	AKZO 90TS OPENH	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	NL0012648950	AKZO 92BOC0619Z	EUR	82,5600	82,5600	82,5600			82,5600					
Certificate	DE000CP06271	AKZO 95TS OPENC	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	DE000CQ5A3K4	AKZO 95TS OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CQ5AB33	AKZO 95TS OPENC	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000CQ5A3L2	AKZO 100TS OPENC	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	DE000CV8ANP4	AKZO 103.TS OPENZ	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0010253282	AKZO 31.8TL OPENB	EUR	45,6950	45,6950	45,6950			45,6950					
Certificate	NL0011044706	AKZO 37.1TL OPENH	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	NL0010893459	AKZO 39.6TL OPENB	EUR	39,2650	39,2650	38,4050			38,4050					
Certificate	NL0011534862	AKZO 42.2BL OPENB	EUR	34,5750	34,5750	33,7150			33,7150					
Certificate	NL0011656632	AKZO 43.8TL OPENB	EUR	35,3550	35,3550	34,4950			34,4950					
Certificate	NL0011720404	AKZO 46.3TL OPENH	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	NL0011926670	AKZO 48.5TL OPENH	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0011992060	AKZO 50.5TL OPENH	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	NL0012106298	AKZO 52.1TL OPENB	EUR	27,6750	27,6750	26,8150			26,8150					
Certificate	NL0012050959	AKZO 52.5TL OPENH	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	NL0012171599	AKZO 56.4TL OPENH	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0011993464	AKZO 57.4TL OPENH	EUR											
Certificate	NL0012116123	AKZO 58.2TL OPENB	EUR	21,9450	21,9450	21,0850			21,0850					
Certificate	NL0012116131	AKZO 60.3TL OPENB	EUR	20,0450	20,0450	19,1850			19,1850					
Certificate	NL0012201115	AKZO 61.1TL OPENH	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	NL0012116149	AKZO 62.3TL OPENB	EUR	18,1350	18,1350	17,2750			17,2750					
Certificate	NL0012116610	AKZO 64.4TL OPENB	EUR	16,2350	16,2350	15,3750			15,3750					
Certificate	NL0012542872	AKZO 65.9TL OPENH	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0012271381	AKZO 66.4TL OPENB	EUR	14,3450	14,3450	13,4850			13,4850					
Certificate	NL0012201099	AKZO 66.9TL OPENH	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	NL0012542864	AKZO 67.8TL OPENH	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	NL0012494884	AKZO 68.4TL OPENB	EUR	12,4550	12,4550	11,5950			11,5950					
Certificate	NL0012371025	AKZO 68.8TL OPENH	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	NL0012279830	AKZO 69.5BL OPENB	EUR	7,4250	7,4250	6,5650			6,5650					
Certificate	DE000VA7TDQ7	AKZO 69.5TL OPENV	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	NL0012542856	AKZO 69.7TL OPENH	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0012676290	AKZO 70.4TL OPENB	EUR	10,5750	10,5750	9,7150			9,7150					
Certificate	DE000VA71TN5	AKZO 71.5TL OPENV	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	NL0013128150	AKZO 72.5TL OPENH	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0013085319	AKZO 76.3TS OPENH	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0013015506	AKZO 76.7TS OPENB	EUR	6,7950	7,6750	6,7950			7,6750					
Certificate	NL0013009871	AKZO 79.7TS OPENB	EUR	10,0250	10,9050	10,0250			10,9050					
Certificate	NL0013013394	AKZO 80.88S OPENB	EUR	5,3450	6,2250	5,3450			6,2250					
Certificate	NL0012792980	AKZO 81.18OC1218B	EUR	79,9500	79,9500	79,7000			79,7000					
Certificate	NL0012904981	AKZO 81.1TS OPENH	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	NL0013007925	AKZO 82.7TS OPENB	EUR	13,2550	14,1350	13,2550			14,1350					
Certificate	NL0012583777	AKZO 84.4TS OPENH	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	NL0012987366	AKZO 85.6TS OPENB	EUR	16,4250	17,3050	16,4250			17,3050					
Certificate	NL0012584411	AKZO 88.3TS OPENH	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	NL0012580567	AKZO 88.4TS OPENH	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	NL0013001423	AKZO 88.6TS OPENB	EUR	19,6350	20,5150	19,6350			20,5150					
Certificate	DE000VL76KL4	AKZO 90.7TS OPENV	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	NL0012583769	AKZO 100.1TS OPENH	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	NL0011643697	AKZO 37.89BL OPENB	EUR	38,8850	38,8850	38,0250			38,0250					
Certificate	DE000CN6JXE2	AKZO 46.92TL OPENZ	EUR	29,1700	29,1700	28,4500			28,4500					
Certificate	DE000CD61W94	AKZO 49.87TL OPENZ	EUR	26,2200	26,2200	25,5050			25,5050					
Certificate	NL0011911532	AKZO 50.73BL OPENB	EUR	26,0450	26,0450	25,1850	514,2000	1	25,1850	20				
Certificate	DE000CX59XK0	AKZO 51.19TL OPENC	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	DE000CD64EH8	AKZO 53.84TL OPENZ	EUR	4,4550	4,4550	4,3100			4,3100					
Certificate	NL0012106405	AKZO 54.91BL OPENB	EUR	21,8550	21,8550	20,9950			20,9950					
Certificate	DE000CE6DHD1	AKZO 58.78TL OPENZ	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0012116362	AKZO 59.09BL OPENB	EUR	17,6850	17,6850	16,8250			16,8250					
Certificate	NL0012116370	AKZO 61.17BL OPENB	EUR	15,5850	15,5850	14,7250			14,7250					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012116388	AKZO 63.26BL OPENB	EUR	13,5050	13,5050	12,6450			12,6450					
Certificate	DE000CE6DHE9	AKZO 63.77TL OPENZ	EUR	2,4500	2,4500	2,3300	490,0000	1	2,3300	200				
Certificate	DE000VL61LG4	AKZO 64.56TL OPENV	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	DE000VA8FT96	AKZO 65.18TL OPENV	EUR	1,3350	1,3350	1,3350			1,3350					
Certificate	NL0012116396	AKZO 65.35BL OPENB	EUR	11,4150	11,4150	10,5550			10,5550					
Certificate	DE000CY16EV5	AKZO 65.36TL OPENC	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000VL61LH2	AKZO 66.56TL OPENV	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	DE000CY16FK5	AKZO 66.61TL OPENC	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	LU1840980244	AKZO 66.76TCIOPENS	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	NL0012117170	AKZO 67.43BL OPENB	EUR	9,2850	9,2850	8,4250			8,4250					
Certificate	DE000VA7THH7	AKZO 67.49TL OPENV	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	DE000VL61LJ8	AKZO 68.56TL OPENV	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000CE6DHF6	AKZO 68.76TL OPENZ	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	LU1756822281	AKZO 70.49TCIOPENS	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	DE000VL61LK6	AKZO 70.56TL OPENV	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	NL0013146343	AKZO 71.49BL OPENB	EUR	5,2250	5,2250	4,3650			4,3650					
Certificate	DE000VA3TJL4	AKZO 73.22TL OPENV	EUR											
Certificate	DE000VA87DX4	AKZO 73.23TL OPENV	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	DE000VA8FT88	AKZO 74.41TS OPENV	EUR											
Certificate	LU1859829985	AKZO 74.97TPIOPENS	EUR											
Certificate	LU1573750244	AKZO 75.17TCIOPENS	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	NL0013014889	AKZO 75.19BS OPENB	EUR											
Certificate	DE000VA710M3	AKZO 76.41TS OPENV	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	LU1840978933	AKZO 77.89TPIOPENS	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0013013535	AKZO 78.18BS OPENB	EUR	2,7250	3,6050	2,7250			3,6050					
Certificate	DE000VA7TET9	AKZO 78.41TS OPENV	EUR	0,7050	0,7050	0,7050			0,7050					
Certificate	DE000VA7TDP9	AKZO 80.41TS OPENV	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	LU1840911272	AKZO 81.48TPIOPENS	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	DE000VAGT2Y9	AKZO 82.44TS OPENV	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	DE000CE6DN72	AKZO 82.99TS OPENZ	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0012648406	AKZO 83.35BOC0619Z	EUR	85,2050	85,2050	85,2050			85,2050					
Certificate	NL0012690390	AKZO 83.79BS OPENB	EUR	8,3250	9,2050	8,3250			9,2050					
Certificate	DE000VAGT1T1	AKZO 84.44TS OPENV	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	LU1790692377	AKZO 85.32TPIOPENS	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	DE000VAGT1U9	AKZO 86.44TS OPENV	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	DE000VL76EX2	AKZO 86.76TS OPENV	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0012984322	AKZO 86.77BS OPENB	EUR	11,3050	12,1850	11,3050			12,1850					
Certificate	LU1840348673	AKZO 87.75TPIOPENS	EUR	12,6400	12,6400	12,6400			12,6400					
Certificate	DE000VAGT1V7	AKZO 88.44TS OPENV	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	DE000VL76EY0	AKZO 88.76TS OPENV	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	NL0012993752	AKZO 89.76BS OPENB	EUR	14,2950	15,1750	14,2950			15,1750					
Certificate	DE000VAGT1W5	AKZO 90.44TS OPENV	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	DE000VA4Y0Z5	AKZO 91.86TS OPENV	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	DE000VL8XHY9	AKZO 92.58TS OPENV	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	DE000CV87S98	AKZO 92.96TS OPENZ	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	DE000CJ3PS52	ALGN 143.7TL OPENZ	EUR	1,5250	1,5250	1,5250			1,5250					
Certificate	DE000CJ3PMJ4	ALGN 173.7TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	DE000CJ3PRD6	ALGN 208.7TL OPENZ	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	NL0011979687	ALLIA 120TL OPENH	EUR	7,3600	7,3600	7,2600			7,2600					
Certificate	NL0012033328	ALLIA 135TL OPENB	EUR	6,0050	6,0050	5,9450			5,9450					
Certificate	NL0010381430	ALLIA 77.7TL OPENB	EUR	11,2750	11,2750	11,2750			11,2750					
Certificate	NL0010657888	ALLIA 88.9TL OPENB	EUR	10,2350	10,2350	10,2350			10,2350					
Certificate	NL0011054150	ALLIA 92.2TL OPENH	EUR	9,9500	9,9500	9,8600			9,8600					
Certificate	NL0010894275	ALLIA 96.6TL OPENB	EUR	9,5850	9,5850	9,5250			9,5250					
Certificate	NL0011895669	ALLIA102.5TL OPENH	EUR	8,9900	8,9900	8,9000			8,9000					
Certificate	NL0010907051	ALLIA102.6TL OPENB	EUR	9,0250	9,0250	8,9650			8,9650					
Certificate	NL0011054143	ALLIA109.2TL OPENH	EUR	8,3700	8,3700	8,2800			8,2800					
Certificate	NL0011934575	ALLIA112.9TL OPENH	EUR	8,0200	8,0200	7,9300			7,9300					
Certificate	DE000CD624U9	ALLIA118.4TL OPENZ	EUR	6,7750	6,7750	6,6200			6,6200					
Certificate	NL0011989314	ALLIA125.1TL OPENH	EUR	6,8800	6,8800	6,7900			6,7900					
Certificate	NL0012030274	ALLIA127.7TL OPENB	EUR	6,6750	6,6750	6,6150			6,6150					
Certificate	DE000CD63LE2	ALLIA135.3TL OPENZ	EUR	5,0900	5,0900	4,9400			4,9400					
Certificate	NL0011993514	ALLIA135.4TL OPENH	EUR	5,9200	5,9200	5,8300			5,8300					
Certificate	NL0012057418	ALLIA140.4TL OPENH	EUR	5,4500	5,4500	5,3600			5,3600					
Certificate	NL0012103477	ALLIA142.4TL OPENB	EUR	5,3150	5,3200	5,2550	532,0000	1	5,2550	100				
Certificate	NL0012175087	ALLIA150.6TL OPENH	EUR	4,5000	4,5000	4,4000			4,4000					
Certificate	DE000CE6BW57	ALLIA153.1TL OPENZ	EUR	3,3150	3,3150	3,1600			3,1600					
Certificate	NL0012214043	ALLIA159.8TL OPENH	EUR	3,6400	3,6400	3,5500			3,5500					
Certificate	NL0012275937	ALLIA166.3TL OPENB	EUR	3,0850	3,0850	3,0250			3,0250					
Certificate	NL0012599963	ALLIA169.1TL OPENH	EUR	2,7700	2,7700	2,6800			2,6800					
Certificate	DE000CV8A4H5	ALLIA173.1TL OPENZ	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	NL0012981740	ALLIA174.7TL OPENB	EUR	2,3050	2,3050	2,2450			2,2450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012897755	ALLIA175.5TL OPENH	EUR	2,1800	2,1800	2,0800			2,0800					
Certificate	NL0013009897	ALLIA196.7TS OPENB	EUR	2,6950	2,7450	2,6950			2,7450					
Certificate	NL0012498323	ALLIA216.1TS OPENB	EUR	4,7850	4,8450	4,7850			4,8450					
Certificate	NL0013002918	ALLIA237.8TS OPENB	EUR	7,1350	7,1850	7,1350			7,1850					
Certificate	NL00009173202	ALPHA 241TL OPENB	EUR	151,5800	151,5800	151,5800			151,5800					
Certificate	NL0010655296	ALPHA 513TL OPENB	EUR	52,1200	52,1200	52,1200			52,1200					
Certificate	DE000CX59BC3	ALPHA 725TL OPENC	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000CX59H44	ALPHA 725TL OPENC	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000CV50R81	ALPHA 800TL OPENC	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000CV50R99	ALPHA 850TL OPENC	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CV50Z08	ALPHA 900TL OPENC	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CV50RA0	ALPHA 900TL OPENC	EUR	1,0300	1,0300	0,8500	412,0000	1	0,8500	400				
Certificate	DE000CP06800	ALPHA 900TL OPENC	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CQ5AG38	ALPHA 950TL OPENC	EUR	0,7000	0,7100	0,6600	411,0000	2	0,7100	600				
Certificate	DE000CV51L03	ALPHA 950TL OPENC	EUR											
Certificate	DE000CV51MV5	ALPHA 950TL OPENC	EUR											
Certificate	DE000CV52YQ8	ALPHA 1075TS OPENC	EUR											
Certificate	DE000CQ58J26	ALPHA 1100TL OPENC	EUR											
Certificate	DE000CP07B50	ALPHA 1150TS OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CP06UM9	ALPHA 1150TS OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CV51Zf0	ALPHA 1200TS OPENC	EUR											
Certificate	DE000CV52YR6	ALPHA 1200TS OPENC	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CV51XY6	ALPHA 1200TS OPENC	EUR											
Certificate	DE000CP06L81	ALPHA 1225TS OPENC	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	DE000CP067D3	ALPHA 1225TS OPENC	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000CP064H1	ALPHA 1250TS OPENC	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CP06545	ALPHA 1250TS OPENC	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000CP064J7	ALPHA 1275TS OPENC	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000CP06552	ALPHA 1275TS OPENC	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CP06156	ALPHA 1300TS OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CP062Y0	ALPHA 1300TS OPENC	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000CV52RR0	ALPHA 1300TS OPENC	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000CV52N26	ALPHA 1300TS OPENC	EUR	2,3600	2,3600	2,3600			2,3600					
Certificate	DE000CV52RS8	ALPHA 1350TS OPENC	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CQ58VV6	ALPHA 1350TS OPENC	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	DE000CQ58U05	ALPHA 1400TS OPENC	EUR	2,9600	2,9600	2,9600			2,9600					
Certificate	DE000CQ58VV4	ALPHA 1400TS OPENC	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	NL0000458222	ALPHA121.3TL OPENB	EUR	169,9000	169,9000	169,9000			169,9000					
Certificate	NL0000451201	ALPHA158.7TL OPENB	EUR	164,1700	164,1700	164,1700			164,1700					
Certificate	NL0010655791	ALPHA409.9TL OPENB	EUR	60,3800	60,3800	60,3800			60,3800					
Certificate	NL0010285276	ALPHA435.8TL OPENB	EUR	121,7900	121,7900	121,7900			121,7900					
Certificate	NL0010655668	ALPHA455.6TL OPENB	EUR	56,7200	56,7200	56,7200			56,7200					
Certificate	DE000CF80798	ALPHA477.9TL OPENC	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	NL0010381026	ALPHA479.3TL OPENB	EUR	115,1400	115,1400	115,1400			115,1400					
Certificate	DE000CC16U28	ALPHA493.6TL OPENC	EUR	8,5800	8,5800	8,5800			8,5800					
Certificate	NL0010520110	ALPHA531.6TL OPENB	EUR	107,1300	107,1300	107,1300			107,1300					
Certificate	DE000CW42518	ALPHC 600TL OPENC	EUR	15,9800	15,9800	15,9800			15,9800					
Certificate	NL0011912944	ALPHC 776TL OPENB	EUR	31,0800	31,0800	31,0800			31,0800					
Certificate	DE000CX0KNF9	ALPHC 850TS OPENC	EUR											
Certificate	DE000CV8AGG7	ALPHC 930TL 1218Z	EUR	1,2300	1,2300	1,2050	674,0000	2	1,2050	550				
Certificate	DE000CV89WN7	ALPHC 1020TL OPENZ	EUR											
Certificate	DE000CV8AL53	ALPHC 1030TL 1218Z	EUR											
Certificate	NL0012777973	ALPHC 1041TS OPENB	EUR											
Certificate	NL0013018849	ALPHC 1072BS OPENB	EUR											
Certificate	NL0013145345	ALPHC 1093TS OPENB	EUR	13,5100	13,5100	13,5100			13,5100					
Certificate	NL0013017205	ALPHC 1093TS OPENB	EUR											
Certificate	NL0013018443	ALPHC 1125BS OPENB	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	DE000CJ3PN05	ALPHC 1145TS OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	NL0013009905	ALPHC 1148TS OPENB	EUR	18,8700	18,8700	18,8700			18,8700					
Certificate	NL0013007693	ALPHC 1182BS OPENB	EUR	11,4700	11,4700	11,4700			11,4700					
Certificate	NL0013005499	ALPHC 1205TS OPENB	EUR	24,4700	24,4700	24,4700			24,4700					
Certificate	NL0012994784	ALPHC 1241BS OPENB	EUR	16,6600	16,6600	16,6600			16,6600					
Certificate	NL0012985980	ALPHC 1266TS OPENB	EUR	30,3800	30,3800	30,3800			30,3800					
Certificate	DE000CV89986	ALPHC 1295TS OPENZ	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	NL0012973697	ALPHC 1303BS OPENB	EUR	22,1100	22,1100	22,1100			22,1100					
Certificate	NL0013004211	ALPHC 1329TS OPENB	EUR	36,5300	36,5300	36,5300			36,5300					
Certificate	NL0012983969	ALPHC 1368BS OPENB	EUR	27,8300	27,8300	27,8300			27,8300					
Certificate	DE000CV89AX2	ALPHC 1396TS OPENZ	EUR	2,9450	2,9450	2,9450			2,9450					
Certificate	DE000CV8A8N4	ALPHC 1597TS OPENZ	EUR	4,7150	4,7150	4,7150			4,7150					
Certificate	NL0011048103	ALPHC448.4TL OPENH	EUR	58,4700	58,4700	57,4200			57,4200					
Certificate	DE000CB1NEW1	ALPHC541.6TL OPENZ	EUR											
Certificate	NL0011239355	ALPHC576.5TL OPENH	EUR	48,2900	48,2900	47,1900			47,1900					



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	NL0011263363	ALPHC611.3TL OPENB	EUR	44,2600	44,2600	44,2600			44,2600					
Certificate	NL0011239330	ALPHC620.6TL OPENH	EUR	44,7900	44,7900	43,6700			43,6700					
Certificate	NL0011428990	ALPHC641.2TL OPENB	EUR	41,8700	41,8700	41,8700			41,8700					
Certificate	NL0011438239	ALPHC672.4TL OPENB	EUR	39,3700	39,3700	39,3700			39,3700					
Certificate	DE000CR9QSE7	ALPHC682.6TL OPENZ	EUR	34,3200	34,3200	33,1900			33,1900					
Certificate	NL0011637087	ALPHC705.8TL OPENB	EUR	36,7000	36,7000	36,7000			36,7000					
Certificate	DE000CV89WR8	ALPHC716.9TL OPENZ	EUR	30,2300	30,2300	30,2300			30,2300					
Certificate	NL0011906193	ALPHC739.9TL OPENB	EUR	33,9700	33,9700	33,9700			33,9700					
Certificate	NL0011910112	ALPHC778.78L OPENB	EUR	25,6500	25,6500	25,6500			25,6500					
Certificate	DE000CV89WQ0	ALPHC817.9TL OPENZ	EUR	21,4700	21,4700	21,3600	429,4000	1	21,3600	20				
Certificate	DE000CV89WP2	ALPHC918.8TL OPENZ	EUR	14,0000	14,0000	12,5700	700,0000	1	12,5700	50				
Certificate	DE000CJ3PST0	ALPHC978.7TL OPENZ	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	NL0012027031	ALSTO 23.6TL OPENB	EUR	1,7050	1,7050	1,6350			1,6350					
Certificate	NL0011892815	ALSTO19.59TL OPENH	EUR	2,0700	2,0700	2,0000			2,0000					
Certificate	NL0011926688	ALSTO20.64TL OPENH	EUR	1,9800	1,9800	1,9100			1,9100					
Certificate	NL0011934567	ALSTO21.66TL OPENH	EUR	1,8800	1,8800	1,8100			1,8100					
Certificate	NL0011970728	ALSTO22.17TL OPENH	EUR	1,8300	1,8300	1,7600			1,7600					
Certificate	NL0011971544	ALSTO22.68TL OPENH	EUR	1,7800	1,7800	1,7200			1,7200					
Certificate	NL0011988902	ALSTO23.23TL OPENH	EUR	1,7400	1,7400	1,6700			1,6700					
Certificate	NL0012048987	ALSTO24.26TL OPENH	EUR	1,6400	1,6400	1,5700			1,5700					
Certificate	NL0011993506	ALSTO24.78TL OPENH	EUR	1,5900	1,5900	1,5200			1,5200					
Certificate	DE000CV508X6	ALSTO25.56TL OPENZ	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0012205710	ALSTO25.78TL OPENH	EUR	1,5000	1,5000	1,4300			1,4300					
Certificate	NL0012205702	ALSTO26.29TL OPENH	EUR	1,4500	1,4500	1,3800			1,3800					
Certificate	NL0012214035	ALSTO27.27TL OPENH	EUR	1,3600	1,3600	1,2900			1,2900					
Certificate	NL0012214027	ALSTO27.79TL OPENH	EUR	1,3100	1,3100	1,2400			1,2400					
Certificate	NL0012242572	ALSTO28.81TL OPENH	EUR	1,2200	1,2200	1,1500			1,1500					
Certificate	NL0012242564	ALSTO29.32TL OPENH	EUR	1,1700	1,1700	1,1000			1,1000					
Certificate	DE000CV508Y4	ALSTO30.55TL OPENZ	EUR	0,7800	0,7800	0,7800			0,7800					
Certificate	NL0012520373	ALSTO30.82TL OPENH	EUR	1,0300	1,0300	0,9600			0,9600					
Certificate	NL0012520712	ALSTO31.84TL OPENH	EUR	0,9400	0,9400	0,8700			0,8700					
Certificate	NL0012541270	ALSTO32.84TL OPENH	EUR	0,8400	0,8400	0,7700			0,7700					
Certificate	NL0012775613	ALSTO33.75TL OPENB	EUR	0,7650	0,7650	0,6850			0,6850					
Certificate	NL0012595888	ALSTO34.85TL OPENH	EUR	0,6600	0,6600	0,5900			0,5900					
Certificate	DE000CV88QZ5	ALSTO35.52TL OPENZ	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	NL0012782254	ALSTO35.73TL OPENB	EUR	0,5750	0,5750	0,5050			0,5050					
Certificate	NL0012888556	ALSTO35.83TL OPENH	EUR	0,5600	0,5600	0,4900			0,4900					
Certificate	NL0013125537	ALSTO37.24TL OPENH	EUR											
Certificate	NL0013126675	ALSTO37.25TL OPENH	EUR	0,4400	0,4400	0,3600			0,3600					
Certificate	NL0013127186	ALSTO39.23TS OPENH	EUR	0,3500	0,4200	0,3500			0,4200					
Certificate	NL0013009913	ALSTO39.76TS OPENB	EUR	0,3950	0,4650	0,3950			0,4650					
Certificate	NL0012904999	ALSTO40.16TS OPENH	EUR	0,4500	0,5200	0,4500			0,5200					
Certificate	NL0012900187	ALSTO41.12TS OPENH	EUR	0,5500	0,6200	0,5500			0,6200					
Certificate	NL0012521330	ALSTO42.09TS OPENH	EUR	0,6600	0,7300	0,6600			0,7300					
Certificate	NL0012783856	ALSTO42.68TS OPENB	EUR	0,7150	0,7850	0,7150			0,7850					
Certificate	NL0012864516	ALSTO44.09TS OPENH	EUR	0,8700	0,9400	0,8700			0,9400					
Certificate	NL0012849251	ALSTO45.02TS OPENH	EUR	0,9700	1,0400	0,9700			1,0400					
Certificate	NL0012997829	ALSTO45.75TS OPENB	EUR	1,0450	1,1150	1,0450			1,1150					
Certificate	NL001255437	ALSTO46.44TS OPENH	EUR	1,1300	1,2000	1,1300			1,2000					
Certificate	NL0012862288	ALSTO50.99TS OPENH	EUR	1,6200	1,6900	1,6200			1,6900					
Certificate	DE000CQ58ZK0	ALTIA 2TL OPENC	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CP06XM3	ALTIA 2TL OPENC	EUR											
Certificate	DE000CP07AP2	ALTIA 2TL OPENC	EUR											
Certificate	NL0012900237	ALTIA 2TL OPENH	EUR											
Certificate	DE000CV89333	ALTIA 2TL OPENZ	EUR											
Certificate	DE000CP07AS6	ALTIA 3TS OPENC	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000CP06XQ4	ALTIA 3TS OPENC	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	NL0012899918	ALTIA 3TS OPENH	EUR	1,3200	1,3200	1,2800			1,2800					
Certificate	NL0012916951	ALTIA 5TS OPENH	EUR	3,5500	3,5500	3,5100			3,5100					
Certificate	DE000CY51XH1	ALTIA 16TS OPENC	EUR											
Certificate	DE000CY51KG0	ALTIA 18TS OPENC	EUR											
Certificate	NL0012494504	ALTIA 23BOC1218B	EUR	8,2700	8,2700	8,2100			8,2100					
Certificate	NL0012911606	ALTIA 1.3TL OPENH	EUR	0,9800	1,0200	0,9800			1,0200					
Certificate	DE000CP07AN7	ALTIA 1.5TL OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CP06XL5	ALTIA 1.5TL OPENC	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	NL0012911598	ALTIA 1.7TL OPENH	EUR	0,6100	0,6700	0,5900	119600,6700	8	0,6400	190001				
Certificate	NL0013128184	ALTIA 2.2TS OPENH	EUR	0,4600	0,4600	0,4200			0,4200					
Certificate	DE000CJ3PPB4	ALTIA 2.2TS OPENZ	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000CQ58ZM6	ALTIA 2.5TS OPENC	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CV887M7	ALTIA 2.7TS OPENZ	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012891139	ALTIA 2.8TS OPENH	EUR	1,0900	1,0900	1,0500			1,0500					
Certificate	NL0012920003	ALTIA 3.5TS OPENH	EUR	1,8200	1,8200	1,7800			1,7800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV89FY9	ALTIA 3.6TS OPENZ	EUR	1,8300	1,8300	1,8300			1,8300					
Certificate	NL0012911507	ALTIA 3.8TS OPENH	EUR	2,1300	2,1300	2,0900			2,0900					
Certificate	NL0012911499	ALTIA 3.8TS OPENH	EUR	2,2400	2,2400	2,2000			2,2000					
Certificate	NL0012911481	ALTIA 4.2TS OPENH	EUR	2,6800	2,6800	2,6400			2,6400					
Certificate	NL0012911473	ALTIA 4.6TS OPENH	EUR	3,1100	3,1100	3,0700			3,0700					
Certificate	NL0012692149	ALTIA 4.8TL OPENB	EUR	3,7900	3,7900	3,7200			3,7200					
Certificate	NL0012511117	ALTIA 5.8TL OPENB	EUR	2,8500	2,8500	2,7800			2,7800					
Certificate	NL0012511125	ALTIA 6.3TL OPENB	EUR	2,4500	2,4500	2,3800			2,3800					
Certificate	NL0012780712	ALTIA 6.8TL OPENB	EUR	1,9400	1,9400	1,8700			1,8700					
Certificate	NL0012782262	ALTIA 7.3TL OPENB	EUR	1,4700	1,4700	1,4000			1,4000					
Certificate	DE000CV8BCQ3	ALTIA 1.55TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0013018633	ALTIA 1.56TL OPENB	EUR	0,6450	0,7100	0,6450	458,5000	2	0,6850	650				
Certificate	DE000CV8ANY6	ALTIA 1.77TL OPENZ	EUR	0,5100	0,5200	0,4800	12510,0000	4	0,5200	26000				
Certificate	NL0012986988	ALTIA 1.86TL OPENB	EUR	0,3650	0,4050	0,3650			0,4050					
Certificate	DE000CJ3PN96	ALTIA 1.87TL OPENZ	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	NL0012986491	ALTIA 1.938L OPENB	EUR	0,3250	0,3950	0,3250	11870,0000	7	0,3650	33000				
Certificate	DE000CJ3PPA6	ALTIA 1.97TL OPENZ	EUR	0,3400	0,3400	0,3100	2080,0000	2	0,3300	6400				
Certificate	NL0012509582	ALTIA 10.9TS OPENB	EUR	3,5500	3,6200	3,5500			3,6200					
Certificate	NL0012509335	ALTIA 11.4BS OPENB	EUR	3,6300	3,7000	3,6300			3,7000					
Certificate	DE000CQ582L8	ALTIA 2.25TS OPENC	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	DE000CJ3PJH4	ALTIA 2.45TS OPENZ	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CV883K0	ALTIA 2.66TL OPENZ	EUR											
Certificate	DE000CV8B3L8	ALTIA 2.68TS OPENZ	EUR											
Certificate	NL0013004922	ALTIA 2.98TS OPENB	EUR	1,1250	1,1250	1,0850			1,0850					
Certificate	DE000CV8A450	ALTIA 3.15TS OPENZ	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000CV89V42	ALTIA 3.31TL OPENZ	EUR											
Certificate	NL0012996813	ALTIA1.3278L OPENB	EUR	0,9350	0,9750	0,9350			0,9750					
Certificate	NL0012986780	ALTIA1.5288L OPENB	EUR	0,7350	0,7650	0,7350			0,7650					
Certificate	NL0012996987	ALTIA1.709TL OPENB	EUR	0,5050	0,5450	0,5050			0,5450					
Certificate	NL0012995336	ALTIA1.7298L OPENB	EUR	0,5350	0,5650	0,5350	1080,0000	1	0,5650	2000				
Certificate	NL0013145733	ALTIA2.011TL OPENB	EUR	0,2250	0,2650	0,2250	1000,0000	1	0,2650	4000				
Certificate	NL0013018096	ALTIA2.227TS OPENB	EUR	0,3150	0,3150	0,2750			0,2750					
Certificate	NL0013016611	ALTIA2.3078S OPENB	EUR	0,3750	0,3750	0,3350			0,3350					
Certificate	NL0013014145	ALTIA2.477TS OPENB	EUR	0,5850	0,5850	0,5450			0,5450					
Certificate	NL0012994404	ALTIA2.5578S OPENB	EUR	0,6250	0,6250	0,5850			0,5850					
Certificate	NL0012994271	ALTIA2.727TS OPENB	EUR	0,8550	0,8550	0,8000	600,0000	1	0,8150	750				
Certificate	NL0012993760	ALTIA2.8078S OPENB	EUR	0,8750	0,8750	0,8350			0,8350					
Certificate	NL0012512321	ALTIA3.5548L OPENB	EUR	5,1800	5,1800	5,1200			5,1200					
Certificate	NL0012511752	ALTIA4.5798L OPENB	EUR	4,1600	4,1600	4,0900			4,0900					
Certificate	NL0012510200	ALTIA5.6048L OPENB	EUR	3,1300	3,1300	3,0700			3,0700					
Certificate	NL0010660379	ALUMI 1630TL OPENB	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0009993039	ALUMI 2640TS OPENB	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	NL0011047923	AMAZO 253TL OPENH	EUR	126,8200	126,8200	126,4200			126,4200					
Certificate	DE000CC8AYC2	AMAZO 380TL OPENC	EUR	21,3900	21,3900	21,3900			21,3900					
Certificate	NL0011047881	AMAZO 386TL OPENH	EUR	116,2400	116,2400	115,7600			115,7600					
Certificate	DE000CX00PX3	AMAZO 475TL OPENC	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	DE000CX00P28	AMAZO 520TL OPENC	EUR											
Certificate	NL0011720560	AMAZO 564TL OPENH	EUR	102,0700	102,0700	101,5600			101,5600					
Certificate	NL0011728126	AMAZO 640TL OPENH	EUR	96,1000	96,1000	95,5500			95,5500					
Certificate	DE000CX01LD2	AMAZO 650TL OPENC	EUR	8,1500	8,1500	8,1500			8,1500					
Certificate	DE000CX01MT6	AMAZO 680TL OPENC	EUR	8,1200	8,1200	8,1200			8,1200					
Certificate	NL0011731658	AMAZO 682TL OPENH	EUR	92,7100	92,7100	92,1500			92,1500					
Certificate	DE000CX59134	AMAZO 700TL OPENC	EUR	7,7400	7,7400	7,7400			7,7400					
Certificate	DE000CX59XY1	AMAZO 750TL OPENC	EUR											
Certificate	NL0011996442	AMAZO 780TL OPENH	EUR	84,9100	84,9100	84,3200			84,3200					
Certificate	DE000CY50V93	AMAZO 800TL OPENC	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	DE000CY50Y09	AMAZO 800TL OPENC	EUR	7,4100	7,4100	7,4100			7,4100					
Certificate	DE000CX01LH3	AMAZO 800TS OPENC	EUR											
Certificate	DE000CY50QX4	AMAZO 850TL OPENC	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	DE000CY50Y17	AMAZO 900TL OPENC	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	DE000CY50QY2	AMAZO 900TL OPENC	EUR	6,1400	6,1400	6,1400			6,1400					
Certificate	DE000CY51YV0	AMAZO 1000TL OPENC	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	DE000CY51VD4	AMAZO 1000TL OPENC	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	DE000CJ3N5L9	AMAZO 1077TL OPENZ	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	DE000CY524W2	AMAZO 1100TL OPENC	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	DE000CY525E7	AMAZO 1100TL OPENC	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	DE000CV899R1	AMAZO 1126TL OPENZ	EUR											
Certificate	DE000CY52MT7	AMAZO 1200TL OPENC	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	DE000CY52Q98	AMAZO 1200TL OPENC	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	DE000CV89WV0	AMAZO 1229TL OPENZ	EUR	3,8550	3,8550	3,8550			3,8550					
Certificate	DE000VA80GD4	AMAZO 1285TL OPENV	EUR											
Certificate	DE000CJ3PSV6	AMAZO 1291TL OPENZ	EUR	3,3700	3,3700	3,3150	337,0000	1	3,3150	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	DE000CQ5A1C5	AMAZO 1300TL OPENC	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000VA80GE2	AMAZO 1305TL OPENV	EUR											
Certificate	DE000VA80GG7	AMAZO 1325TL OPENV	EUR											
Certificate	DE000CJ3PNW5	AMAZO 1361TL OPENZ	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	DE000VA8F337	AMAZO 1364TL OPENV	EUR	27,0050	27,0050	27,0050			27,0050					
Certificate	DE000VA8FZ31	AMAZO 1384TL OPENV	EUR	25,1850	25,1850	25,1850			25,1850					
Certificate	DE000CQ5AHV7	AMAZO 1400TL OPENC	EUR	2,0500	2,1000	1,9100	704,2000	4	1,9100	340				
Certificate	DE000CQ5AKR9	AMAZO 1400TL OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000VA8F345	AMAZO 1404TL OPENV	EUR	23,4850	23,4850	23,4850			23,4850					
Certificate	DE000VA7TG88	AMAZO 1422TL OPENV	EUR	22,5500	23,5800	21,0050	22255,6800	9	21,6650	1009				
Certificate	DE000CV89WU2	AMAZO 1433TL OPENZ	EUR	2,1100	2,1600	2,0700	4705,0000	4	2,0850	2250				
Certificate	DE000VA7TG96	AMAZO 1442TL OPENV	EUR	19,9050	19,9050	19,9050			19,9050					
Certificate	DE000VA7THA2	AMAZO 1462TL OPENV	EUR	19,9000	19,9000	18,1450	2294,6000	2	18,1450	116				
Certificate	DE000VA7THB0	AMAZO 1482TL OPENV	EUR											
Certificate	DE000VA80GJ1	AMAZO 1485TL OPENV	EUR											
Certificate	DE000CQ5AX78	AMAZO 1500TL OPENC	EUR											
Certificate	DE000CJ3PT66	AMAZO 1503TL OPENZ	EUR	1,5800	1,5900	1,4850	1732,2000	2	1,4850	1090				
Certificate	DE000VA80GL7	AMAZO 1505TL OPENV	EUR											
Certificate	DE000VA7TDL8	AMAZO 1512TL OPENV	EUR											
Certificate	DE000VA80GM5	AMAZO 1525TL OPENV	EUR											
Certificate	DE000CV89WT4	AMAZO 1533TL OPENZ	EUR											
Certificate	DE000VA7TAY7	AMAZO 1542TL OPENV	EUR											
Certificate	DE000VA6EEG0	AMAZO 1561TL OPENV	EUR											
Certificate	DE000VA87DU0	AMAZO 1565TL OPENV	EUR	9,8450	9,8450	9,8450			9,8450					
Certificate	NL0013146608	AMAZO 1581BS OPENB	EUR											
Certificate	DE000VA6EEH8	AMAZO 1581TL OPENV	EUR											
Certificate	DE000VA80F50	AMAZO 1596TS OPENV	EUR											
Certificate	DE000CQ5BEG3	AMAZO 1600TL OPENC	EUR											
Certificate	DE000CQ5BHS1	AMAZO 1600TL OPENC	EUR											
Certificate	DE000CQ5BZP9	AMAZO 1600TS OPENC	EUR											
Certificate	DE000CJ3PRE4	AMAZO 1603TL OPENZ	EUR											
Certificate	DE000VA8F523	AMAZO 1611TL OPENV	EUR											
Certificate	DE000VA80F68	AMAZO 1616TS OPENV	EUR											
Certificate	DE000CV89WS6	AMAZO 1633TL OPENZ	EUR											
Certificate	DE000VA80F76	AMAZO 1636TS OPENV	EUR											
Certificate	DE000VA80F84	AMAZO 1656TS OPENV	EUR											
Certificate	NL0013018856	AMAZO 1660BS OPENB	EUR											
Certificate	DE000VA80GA0	AMAZO 1676TS OPENV	EUR											
Certificate	NL0013145352	AMAZO 1684TS OPENB	EUR											
Certificate	DE000VA8F303	AMAZO 1697TS OPENV	EUR											
Certificate	DE000CQ5BZQ7	AMAZO 1700TS OPENC	EUR	0,2900	0,3300	0,2900	295,0000	2	0,3300	1000				
Certificate	DE000VA8F311	AMAZO 1717TS OPENV	EUR	6,1450	6,1450	6,1450								
Certificate	DE000CJ3PTA8	AMAZO 1735TS OPENZ	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	DE000VA8F329	AMAZO 1737TS OPENV	EUR	7,5150	7,5150	7,5150			7,5150					
Certificate	NL0013018450	AMAZO 1743BS OPENB	EUR	7,4450	7,4450	7,4450			7,4450					
Certificate	DE000VA5RLA2	AMAZO 1749TL OPENV	EUR											
Certificate	DE000CQ5A5T0	AMAZO 1750TS OPENC	EUR											
Certificate	DE000VA8FZ15	AMAZO 1757TS OPENV	EUR	8,8750	8,8750	8,8750			8,8750					
Certificate	NL0013017213	AMAZO 1768TS OPENB	EUR	19,5700	21,3750	19,5700	30112,5000	2	21,3750	1500				
Certificate	DE000VA5RLB0	AMAZO 1774TL OPENV	EUR											
Certificate	DE000VA8FZ23	AMAZO 1777TS OPENV	EUR	10,2350	10,2350	10,2350			10,2350					
Certificate	DE000VA8FXT6	AMAZO 1797TS OPENV	EUR	11,6550	11,6550	11,6550			11,6550					
Certificate	DE000CP060Y4	AMAZO 1800TL OPENC	EUR											
Certificate	DE000CQ5BZR5	AMAZO 1800TS OPENC	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000VA8FSV2	AMAZO 1817TS OPENV	EUR	13,4050	13,4050	13,4050			13,4050					
Certificate	NL0013018468	AMAZO 1830BS OPENB	EUR	15,0950	15,0950	15,0950			15,0950					
Certificate	DE000VA8FRV4	AMAZO 1837TS OPENV	EUR	15,1550	15,1550	15,1550			15,1550					
Certificate	NL0013009921	AMAZO 1857TS OPENB	EUR	29,7950	29,7950	29,7950			29,7950					
Certificate	DE000VA7TG13	AMAZO 1857TS OPENV	EUR	16,8950	16,8950	16,8950			16,8950					
Certificate	DE000VA7TG39	AMAZO 1877TS OPENV	EUR	18,6450	18,6450	18,6450			18,6450					
Certificate	DE000CJ3N5Y2	AMAZO 1884TS OPENZ	EUR	1,9250	1,9250	1,9250			1,9250					
Certificate	DE000VA7TG62	AMAZO 1897TS OPENV	EUR	20,4050	20,4050	20,4050			20,4050					
Certificate	DE000CP06UB2	AMAZO 1900TS OPENC	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000VA7TDK0	AMAZO 1917TS OPENV	EUR	22,1450	22,1450	22,1450			22,1450					
Certificate	NL0013006950	AMAZO 1921BS OPENB	EUR	23,1350	23,1350	23,1350			23,1350					
Certificate	DE000VA7TAX9	AMAZO 1937TS OPENV	EUR	23,8950	23,8950	23,8950			23,8950					
Certificate	NL0013009939	AMAZO 1949TS OPENB	EUR	37,1100	38,6150	37,0450	9277,5000	1	38,6150	250				
Certificate	DE000VA7PV83	AMAZO 1957TS OPENV	EUR	25,6350	25,6350	25,6350			25,6350					
Certificate	DE000VA7PV91	AMAZO 1977TS OPENV	EUR	27,3950	27,3950	27,3950			27,3950					
Certificate	DE000VA7PU68	AMAZO 1997TS OPENV	EUR	29,1350	29,1350	29,1350			29,1350					
Certificate	DE000CP07AU2	AMAZO 2000TS OPENC	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000CP06UC0	AMAZO 2000TS OPENC	EUR	2,9400	2,9400	2,9400			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	NL0013004724	AMAZO 2017BS OPENB	EUR	31,5650	31,5650	31,5650			31,5650					
Certificate	DE000VA7PU76	AMAZO 2017TS OPENV	EUR	30,8850	30,8850	30,8850			30,8850					
Certificate	DE000CJ3N039	AMAZO 2034TS OPENZ	EUR	3,2350	3,2350	3,2350			3,2350					
Certificate	DE000VA7PN26	AMAZO 2037TS OPENV	EUR	32,6350	32,6350	32,6350			32,6350					
Certificate	NL0012997092	AMAZO 2047TS OPENB	EUR	47,9150	47,9150	47,9150			47,9150					
Certificate	DE000VASRK11	AMAZO 2061TS OPENV	EUR	34,3850	34,3850	34,3850			34,3850					
Certificate	DE000VASRK29	AMAZO 2086TS OPENV	EUR	36,5750	36,5750	36,5750			36,5750					
Certificate	DE000CQ5BPV8	AMAZO 2100TS OPENC	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000VASRK37	AMAZO 2111TS OPENV	EUR	38,7650	38,7650	38,7650			38,7650					
Certificate	NL0012989222	AMAZO 2118BS OPENB	EUR	40,4250	40,4250	40,4250			40,4250					
Certificate	DE000VASRK45	AMAZO 2136TS OPENV	EUR	40,9550	40,9550	40,9550			40,9550					
Certificate	NL0012993489	AMAZO 2150TS OPENB	EUR	57,6450	57,6450	57,6450			57,6450					
Certificate	DE000VASRL36	AMAZO 2161TS OPENV	EUR	43,1550	43,1550	43,1550			43,1550					
Certificate	DE000VA640K6	AMAZO 2177TS OPENV	EUR	44,9250	44,9250	44,9250			44,9250					
Certificate	DE000CV89E76	AMAZO 2183TS OPENZ	EUR	4,5350	4,5350	4,5350			4,5350					
Certificate	DE000CP06107	AMAZO 2200TS OPENC	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	DE000CQ5BVE2	AMAZO 2200TS OPENC	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	DE000VASRQ07	AMAZO 2210TS OPENV	EUR	47,5350	47,5350	47,5350			47,5350					
Certificate	NL0012993901	AMAZO 2224BS OPENB	EUR	49,7450	49,7450	49,7450			49,7450					
Certificate	DE000VA6D963	AMAZO 2229TS OPENV	EUR	49,3250	49,3250	49,3250			49,3250					
Certificate	NL0012995104	AMAZO 2257TS OPENB	EUR	67,8450	67,8450	67,8450			67,8450					
Certificate	DE000VASRRK8	AMAZO 2260TS OPENV	EUR	51,9250	51,9250	51,9250			51,9250					
Certificate	DE000VA640L4	AMAZO 2277TS OPENV	EUR	53,6950	53,6950	53,6950			53,6950					
Certificate	DE000CP06115	AMAZO 2300TS OPENC	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	DE000VA6D302	AMAZO 2310TS OPENV	EUR	56,3050	56,3050	56,3050			56,3050					
Certificate	DE000VA6D310	AMAZO 2335TS OPENV	EUR	58,4950	58,4950	58,4950			58,4950					
Certificate	DE000CV8A3C8	AMAZO 2385TS OPENZ	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	DE000CP062V6	AMAZO 2400TS OPENC	EUR	7,4100	7,4100	7,4100			7,4100					
Certificate	NL0010117909	AMAZO236.5TL OPENB	EUR	127,1500	127,1500	127,1500			127,1500					
Certificate	NL0010439006	AMAZO288.9TL OPENB	EUR	122,8600	122,8600	122,8600			122,8600					
Certificate	NL0011090840	AMAZO398.8TL OPENB	EUR	113,8500	113,8500	113,8500			113,8500					
Certificate	NL0011796503	AMAZO587.1TL OPENB	EUR	98,4400	98,4400	98,4400			98,4400					
Certificate	NL0011797113	AMAZO616.4TL OPENB	EUR	96,0400	96,0400	96,0400			96,0400					
Certificate	NL0011801220	AMAZO647.1TL OPENB	EUR	93,5200	93,5200	93,5200			93,5200					
Certificate	NL0011804729	AMAZO678.9TL OPENB	EUR	90,9200	90,9200	90,9200			90,9200					
Certificate	NL0011807367	AMAZO712.4TL OPENB	EUR	88,1800	88,1800	88,1800			88,1800					
Certificate	NL0011903208	AMAZO741.3TL OPENB	EUR	85,8100	85,8100	85,8100			85,8100					
Certificate	NL0011899141	AMAZO749.3BL OPENB	EUR	81,5700	81,5700	81,5700			81,5700					
Certificate	NL0012033609	AMAZO786.7BL OPENB	EUR	78,1200	78,1200	78,1200			78,1200					
Certificate	DE000CJ3PSU8	AMAZO926.7TL OPENZ	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	DE000CD63X59	AMBEV3.644TL OPENZ	EUR	0,3500	0,3700	0,3500	1850,0000	1	0,3700	5000				
Certificate	DE000CJ3PMP1	AMD 20.TS OPENZ	EUR											
Certificate	DE000CV8A6D9	AMD 14.3TL OPENZ	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000CJ3PMQ9	AMD 22.5TS OPENZ	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	DE000CN6KZ13	AMD 3.02TL OPENZ	EUR	15,2000	15,2000	15,2000			15,2000					
Certificate	DE000CD611G5	AMD 4.64TL OPENZ	EUR	13,8600	13,8600	13,8600			13,8600					
Certificate	DE000CD62BU1	AMD 6.19TL OPENZ	EUR	12,5900	12,5900	12,5900			12,5900					
Certificate	DE000CD63RW1	AMD 8.23TL OPENZ	EUR	10,9100	10,9100	10,9100			10,9100					
Certificate	DE000CV8A6C1	AMD 12.27TL OPENZ	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	DE000VA8F519	AMD 13.71TL OPENV	EUR	6,3200	6,3200	5,3900	7765,2000	6	5,7550	1270				
Certificate	DE000VA8F0K6	AMD 14.21TL OPENV	EUR	5,3150	5,3150	5,3150			5,3150					
Certificate	DE000VA8F0P5	AMD 14.71TL OPENV	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	DE000VA8F0Q3	AMD 15.21TL OPENV	EUR	4,4350	4,4350	4,4350			4,4350					
Certificate	DE000VA8F0S9	AMD 15.71TL OPENV	EUR	3,9950	3,9950	3,9950			3,9950					
Certificate	DE000CJ3PMG0	AMD 15.79TL OPENZ	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000VA8F0U5	AMD 16.21TL OPENV	EUR											
Certificate	DE000VA80GR4	AMD 16.22TL OPENV	EUR											
Certificate	DE000VA8F0W1	AMD 16.71TL OPENV	EUR											
Certificate	DE000VA80GW4	AMD 16.72TL OPENV	EUR											
Certificate	DE000CJ3PT58	AMD 16.79TL OPENZ	EUR	0,7100	0,7100	0,6050	355,0000	1	0,6050	500				
Certificate	DE000VA80GY0	AMD 17.22TL OPENV	EUR											
Certificate	DE000CJ3PRC8	AMD 17.29TL OPENZ	EUR											
Certificate	DE000CJ3PMH8	AMD 17.29TL OPENZ	EUR											
Certificate	DE000VA8F360	AMD 17.71TL OPENV	EUR											
Certificate	DE000VA87DV8	AMD 17.72TL OPENV	EUR	2,2450	2,2450	2,2450			2,2450					
Certificate	DE000VA8F378	AMD 18.21TL OPENV	EUR											
Certificate	DE000VA8F501	AMD 18.46TS OPENV	EUR											
Certificate	DE000VA8F264	AMD 18.96TS OPENV	EUR											
Certificate	DE000VA8F272	AMD 19.46TS OPENV	EUR											
Certificate	DE000VA8F298	AMD 19.96TS OPENV	EUR											
Certificate	DE000VA8F0A7	AMD 20.46TS OPENV	EUR											
Certificate	DE000VA8F0B5	AMD 20.96TS 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	DE000VA8FOC3	AMD 21.46TS OPENV	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	DE000VA8FOE9	AMD 21.96TS OPENV	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	DE000VA8F352	AMD 22.96TS OPENV	EUR	2,6550	2,6550	2,6550			2,6550					
Certificate	DE000VA8FSX8	AMD 25.46TS OPENV	EUR	4,8450	4,8450	4,8450			4,8450					
Certificate	DE000VA8FSY6	AMD 26.46TS OPENV	EUR	5,7150	5,7150	5,7150			5,7150					
Certificate	DE000VA8FRW2	AMD 27.46TS OPENV	EUR	6,5950	6,5950	6,5950			6,5950					
Certificate	DE000VA710K7	AMD 28.46TS OPENV	EUR	7,4750	7,4750	7,4750			7,4750					
Certificate	DE000CJ3PGN8	AMD 28.47TS OPENZ	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	DE000VA7PN34	AMD 29.48TS OPENV	EUR	8,3550	8,3550	8,3550			8,3550					
Certificate	DE000VA7PN42	AMD 30.48TS OPENV	EUR	9,2350	9,2350	9,2350			9,2350					
Certificate	DE000CJ3NY79	AMD 31.47TS OPENZ	EUR	2,0050	2,0050	2,0050			2,0050					
Certificate	DE000VA7PN59	AMD 31.48TS OPENV	EUR	10,1050	10,1050	10,1050			10,1050					
Certificate	DE000VA640M2	AMD 32.48TS OPENV	EUR	10,9850	10,9850	10,9850			10,9850					
Certificate	DE000VA64YG4	AMD 33.48TS OPENV	EUR	11,9050	11,9050	11,9050			11,9050					
Certificate	DE000VA64YH2	AMD 34.48TS OPENV	EUR	12,7750	12,7750	12,7750			12,7750					
Certificate	DE000CV8B8X2	AMD 34.96TS OPENZ	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	DE000VA64YJ8	AMD 35.48TS OPENV	EUR	13,6550	13,6550	13,6550			13,6550					
Certificate	DE000VA64YK6	AMD 36.48TS OPENV	EUR	14,5350	14,5350	14,5350			14,5350					
Certificate	DE000VA64YL4	AMD 37.48TS OPENV	EUR	15,4150	15,4150	15,4150			15,4150					
Certificate	DE000VA64YM2	AMD 38.48TS OPENV	EUR	16,2950	16,2950	16,2950			16,2950					
Certificate	DE000VA64YN0	AMD 39.48TS OPENV	EUR	17,1750	17,1750	17,1750			17,1750					
Certificate	DE000CJ3NJ94	AMD 39.97TS OPENZ	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	DE0006106701	AMEXB PI OPENN	EUR											
Certificate	NL0010045639	AMEXB 135ZTL OPENB	EUR	307,9800	307,9800	307,9800			307,9800					
Certificate	NL0012795892	AMG LEVOPENZ	EUR	60,4200	60,4200	60,4200			60,4200					
Certificate	NL0012795934	AMG SHROPENZ	EUR	29,4200	29,4200	29,4200			29,4200					
Certificate	NL0012796106	AMG 42BON0919Z	EUR	44,4300	44,4300	44,4300			44,4300					
Certificate	NL0012796114	AMG 42BON1219Z	EUR	44,3300	44,3300	44,3300			44,3300					
Certificate	NL0012796825	AMG 44B0C0919Z	EUR	41,4800	41,4800	41,4800			41,4800					
Certificate	NL0012796833	AMG 46B0C1219Z	EUR	41,9300	41,9300	41,9300			41,9300					
Certificate	NL0011807862	AMG 9.8TL OPENB	EUR	36,7700	36,7700	35,6900			35,6900					
Certificate	NL0012268486	AMG 23.8TL OPENB	EUR	24,5900	24,5900	23,5100			23,5100					
Certificate	DE000CE6E4B2	AMG 27.9TL OPENZ	EUR	3,8200	3,8200	3,6500	7545,8000	3	3,6500	2020				
Certificate	NL0012777171	AMG 33.9TL OPENB	EUR	15,8000	15,8000	14,7200	4224,0000	3	14,7200	280				
Certificate	DE000CE6EZE9	AMG 33.9TL OPENZ	EUR	2,8050	2,8050	2,5300	5309,7500	8	2,5300	2045				
Certificate	NL0013011687	AMG 35.9TL OPENB	EUR	12,6400	12,6400	11,2500	3790,3500	6	11,5600	325				
Certificate	DE000CJ3PMX5	AMG 36.4TL OPENZ	EUR	2,3500	2,3500	2,0700	10218,0000	9	2,0700	4500				
Certificate	NL0013018641	AMG 37.9TL OPENB	EUR	10,8400	10,8400	9,7600	16215,0000	2	9,7600	1500				
Certificate	DE000CJ3PUK5	AMG 39.4TL OPENZ	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	NL0013145741	AMG 39.9TL OPENB	EUR	9,0200	9,0200	7,9400	9509,9000	5	7,9400	1130				
Certificate	NL0009938802	AMG 4.65TL OPENB	EUR	40,0900	40,0900	40,0900			40,0900					
Certificate	NL0011435904	AMG 5.64TL OPENB	EUR	40,3900	40,3900	39,3100			39,3100					
Certificate	NL0011906219	AMG 11.36TL OPENB	EUR	35,4200	35,4200	34,3400			34,3400					
Certificate	NL0011914601	AMG 12.39TL OPENB	EUR	34,5200	34,5200	33,4400			33,4400					
Certificate	NL0011914833	AMG 12.53TL OPENB	EUR	34,4000	34,4000	33,3200			33,3200					
Certificate	DE000CD62ZP0	AMG 13.19TL OPENZ	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	NL0012105324	AMG 15.61TL OPENB	EUR	31,7200	31,7200	30,6400			30,6400					
Certificate	NL0012114029	AMG 18.68TL OPENB	EUR	29,0400	29,0400	27,9600			27,9600					
Certificate	NL0012115042	AMG 19.73TL OPENB	EUR	28,1400	28,1400	26,9100	6045,4000	3	27,0600	220				
Certificate	NL0012115224	AMG 20.75TL OPENB	EUR	27,2500	27,2500	26,1700			26,1700					
Certificate	DE000CE6BWQ6	AMG 21.18TL OPENZ	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	NL0012121313	AMG 21.74TL OPENB	EUR	26,3800	26,3800	25,3000			25,3000					
Certificate	DE000CE6CQE2	AMG 23.44TL OPENZ	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	NL0012269898	AMG 24.81TL OPENB	EUR	23,7200	23,7200	22,6400			22,6400					
Certificate	DE000CE6DGX1	AMG 25.69TL OPENZ	EUR	4,1000	4,1000	4,0600	1025,0000	1	4,0600	250				
Certificate	NL0012278691	AMG 26.83TL OPENB	EUR	21,9500	21,9500	20,8700			20,8700					
Certificate	NL0012488977	AMG 27.85TL OPENB	EUR	21,0700	21,0700	19,9900			19,9900					
Certificate	NL0012490353	AMG 28.86TL OPENB	EUR	20,1900	20,1900	19,1100			19,1100					
Certificate	NL0012492144	AMG 29.86TL OPENB	EUR	19,3200	19,3200	18,2400			18,2400					
Certificate	DE000CE6EMT5	AMG 30.64TL OPENZ	EUR	3,2800	3,2800	3,0900	8112,0000	6	3,1400	2545				
Certificate	NL0012492151	AMG 30.87TL OPENB	EUR	18,4400	18,4400	17,3600			17,3600					
Certificate	NL0012497689	AMG 31.88TL OPENB	EUR	17,5600	17,5600	16,4800			16,4800					
Certificate	NL0012497697	AMG 32.89TL OPENB	EUR	16,6800	16,6800	15,6000			15,6000					
Certificate	NL0012995112	AMG 41.61TS OPENB	EUR											
Certificate	DE000CV8AY66	AMG 45.36TS OPENZ	EUR											
Certificate	NL0012990147	AMG 45.71TS OPENB	EUR											
Certificate	DE000CV8ALW4	AMG 49.95TS OPENZ	EUR	1,8300	2,0600	1,7900	12467,0000	8	2,0600	6500				
Certificate	NL0013146111	AMG 50.28TS OPENB	EUR	10,6400	11,6600	10,6400			11,6600					
Certificate	DE000CV8A070	AMG 54.53TS OPENZ	EUR	2,9000	3,0600	2,9000	2465,0000	1	3,0600	850				
Certificate	NL0010133450	AMGEN 71.4TL OPENB	EUR	108,2500	108,2500	108,2500			108,2500					
Certificate	NL0010891743	AMGEN116.6TL OPENB	EUR	72,0600	72,0600	72,0600			72,0600					
Certificate	DE000CJ3N559	AML 12TL OPENZ	EUR	0,9150	0,9150	0,9150			0,9150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3N542	AML 10.5TL OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	NL0013014442	AML 1202TL OPENB	EUR	5,2000	5,2000	5,1500			5,1500					
Certificate	NL0013010861	AML 1277TL OPENB	EUR	4,4100	4,4100	4,3700			4,3700					
Certificate	DE000CJ3N567	AML 13.5TL OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	NL0013009665	AML 1353TL OPENB	EUR	3,6300	3,6300	3,5900			3,5900					
Certificate	NL0013145816	AML 1428TL OPENB	EUR	2,8700	2,8700	2,8300			2,8300					
Certificate	NL0013145824	AML 1503TL OPENB	EUR											
Certificate	NL0013013725	AML 1525TS OPENB	EUR											
Certificate	NL0013005747	AML 1675TS OPENB	EUR	3,5200	3,5700	3,5200			3,5700					
Certificate	NL0013005754	AML 1825TS OPENB	EUR	5,4200	5,4600	5,4200			5,4600					
Certificate	DE000CJ3PF70	AMUN 36.35TL OPENZ	EUR	1,6850	1,6850	1,6850			1,6850					
Certificate	DE000CV89N20	AMUN 42.38TL OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	DE000CE6C279	AMUN 47.38TL OPENZ	EUR	0,6500	0,6500	0,5850	24,0500	1	0,5850	37				
Certificate	NL0010134805	AMX 446TL OPENB	EUR	32,8600	32,8600	32,8600			32,8600					
Certificate	NL0011036561	AMX 458TL OPENH	EUR	32,6900	32,6900	32,0300			32,0300					
Certificate	NL0011036553	AMX 480TL OPENH	EUR	30,6600	30,6600	29,9900			29,9900					
Certificate	NL0011036546	AMX 501TL OPENH	EUR	28,7300	28,7300	28,0000			28,0000					
Certificate	NL0010151007	AMX 508TL OPENA	EUR											
Certificate	NL0010910345	AMX 511TL OPENB	EUR	26,7000	26,7000	26,7000			26,7000					
Certificate	NL0011036538	AMX 522TL OPENH	EUR	26,7000	26,7000	25,9700			25,9700					
Certificate	NL0011036520	AMX 544TL OPENH	EUR	24,6800	24,6800	23,9400			23,9400					
Certificate	NL0011054614	AMX 840TS OPENH	EUR	12,8300	13,4200	12,8300			13,4200					
Certificate	DE000CJ3PNJ2	AMX 457.1TL OPENZ	EUR	29,7700	29,7700	29,6100			29,6100					
Certificate	NL0011647367	AMX 536.1TL OPENB	EUR	24,2700	24,2700	24,2700			24,2700					
Certificate	DE000CR9RW82	AMX 556.9TL OPENZ	EUR	19,7900	19,7900	19,6300			19,6300					
Certificate	NL0011907092	AMX 561.4TL OPENB	EUR	21,8700	21,8700	21,8700			21,8700					
Certificate	DE000CR9Q003	AMX 578.1TL OPENZ	EUR	17,6700	17,6700	17,5100			17,5100					
Certificate	NL0011912357	AMX 587.6TL OPENB	EUR	19,3600	19,3600	19,3600			19,3600					
Certificate	DE000CD62JRO	AMX 618.9TL OPENZ	EUR	13,6000	13,6000	13,4400			13,4400					
Certificate	NL0012100762	AMX 638.8TL OPENB	EUR	14,4800	14,4800	14,4800			14,4800					
Certificate	DE000CD643F0	AMX 659.2TL OPENZ	EUR	9,5600	9,5600	9,4100			9,4100					
Certificate	NL0012110621	AMX 664.4TL OPENB	EUR	12,0400	12,0400	12,0400			12,0400					
Certificate	DE000CD648B7	AMX 676.8TL OPENZ	EUR	7,8100	7,8100	7,6000	380,0000	1	7,6500	50				
Certificate	NL0012117063	AMX 689.6TL OPENB	EUR	10,0400	10,0400	9,6450	2008,0000	1	9,6450	200				
Certificate	NL0013015290	AMX 746.5TS OPENB	EUR											
Certificate	DE000CJ3N393	AMX 765.3TS OPENZ	EUR	1,2100	1,3600	1,2100			1,3600					
Certificate	NL0013009442	AMX 771.5TS OPENB	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	NL0013006455	AMX 796.3TS OPENB	EUR	8,4500	8,4500	8,4500			8,4500					
Certificate	NL0013003171	AMX 820.9TS OPENB	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	DE000CE6CD83	AMX 824.9TS OPENZ	EUR	7,0900	7,2400	6,6700	6857,5000	3	7,2400	1000				
Certificate	NL0012278071	AMX 845.6TS OPENB	EUR	13,5500	13,5500	13,5500			13,5500					
Certificate	NL0012792345	AMX 871.6TS OPENB	EUR	16,2800	16,2800	16,2800			16,2800					
Certificate	DE000CE6CM82	AMX 875.6TS OPENZ	EUR	12,1600	12,3100	12,1600			12,3100					
Certificate	DE000CE6EOG9	AMX 935.3TS OPENZ	EUR	18,1200	18,2800	18,1200			18,2800					
Certificate	DE000CV4ZBY7	AMX 994.8TS OPENZ	EUR	24,0800	24,2300	24,0800			24,2300					
Certificate	DE000CV509D6	ANGAM 11.7TL OPENZ	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	DE000CV509E4	ANGAM13.71TL OPENZ	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	DE000CV8BCD1	ANGAM9.687TL OPENZ	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	DE000CD62RK8	AOO 46.64TL OPENZ	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CD62RL6	AOO 54.14TL OPENZ	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CD62RM4	AOO 61.52TL OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CE6C1U0	AOO 66.78TL OPENZ	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CV87JA5	AOO 72.05TL OPENZ	EUR	0,3700	0,3700	0,3500	462,5000	2	0,3500	1250				
Certificate	DE000CE6F322	AOO 86.59TS OPENZ	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CJ3PET0	AOO 96.59TS OPENZ	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	NL0009621887	APPLE 32TL OPENB	EUR	109,0200	109,0200	109,0200			109,0200					
Certificate	DE000CX59159	APPLE 100TL OPENC	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	DE000CQ5ATG3	APPLE 170TS OPENC	EUR											
Certificate	DE000CQ5ATH1	APPLE 175TS OPENC	EUR											
Certificate	DE000CQ5BZN4	APPLE 220TS OPENC	EUR											
Certificate	DE000CP06U82	APPLE 225TS OPENC	EUR	1,5100	1,6600	1,5000	608,0000	2	1,6600	400				
Certificate	NL0013009954	APPLE 228TS OPENB	EUR	4,1250	4,1250	4,1250			4,1250					
Certificate	DE000CP06U90	APPLE 230TS OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CP07AT4	APPLE 230TS OPENC	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	DE000CP062R4	APPLE 235TS OPENC	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	DE000CP060U2	APPLE 235TS OPENC	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000CQ5BVC6	APPLE 240TS OPENC	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	DE000CQ5B7J5	APPLE 240TS OPENC	EUR	2,5300	2,9100	2,5300	101,2000	1	2,9100	40				
Certificate	DE000CP060V0	APPLE 245TS OPENC	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000CP062S2	APPLE 245TS OPENC	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	DE000CP060W8	APPLE 250TS OPENC	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000CP062T0	APPLE 250TS OPENC	EUR	4,6500	4,6500	4,6500			4,6500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CP06P14	APPLE 25STS OPENC	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	DE000CP060X6	APPLE 260TS OPENC	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	DE000CP062U8	APPLE 260TS OPENC	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	NL0009960962	APPLE 510TL OPENA	EUR											
Certificate	NL0009961036	APPLE 520TL OPENA	EUR											
Certificate	DE000VAGT3H2	APPLE 217.TL OPENV	EUR											
Certificate	NL0009621895	APPLE 37.2TL OPENB	EUR	106,0800	106,0800	106,0800			106,0800					
Certificate	NL0011042759	APPLE 40.2TL OPENH	EUR	15,1800	15,1800	14,9400			14,9400					
Certificate	NL0010442257	APPLE 54.5TL OPENB	EUR	96,3600	96,3600	96,3600			96,3600					
Certificate	NL0010444956	APPLE 59.1TL OPENB	EUR	93,8400	93,8400	93,8400			93,8400					
Certificate	NL0010517934	APPLE 64.1TL OPENB	EUR	90,9800	90,9800	90,9800			90,9800					
Certificate	NL0011042726	APPLE 66.9TL OPENH	EUR	13,0600	13,0600	12,8000			12,8000					
Certificate	NL0011052360	APPLE 67.9TL OPENH	EUR	12,9800	12,9800	12,7200			12,7200					
Certificate	NL0010520086	APPLE 68.7TL OPENB	EUR	88,4400	88,4400	88,4400			88,4400					
Certificate	NL0011052352	APPLE 71.1TL OPENH	EUR	12,7200	12,7200	12,4700			12,4700					
Certificate	NL0010656096	APPLE 73.2TL OPENB	EUR	85,9200	85,9200	85,9200			85,9200					
Certificate	NL0010656104	APPLE 77.7TL OPENB	EUR	83,4100	83,4100	83,4100			83,4100					
Certificate	NL0011052337	APPLE 80.5TL OPENH	EUR	11,9800	11,9800	11,7200			11,7200					
Certificate	NL0011594403	APPLE 81.6TL OPENH	EUR	11,8900	11,8900	11,6300			11,6300					
Certificate	NL0010656427	APPLE 82.1TL OPENB	EUR	80,9100	80,9100	80,9100			80,9100					
Certificate	NL0011052329	APPLE 83.8TL OPENH	EUR	11,7100	11,7100	11,4500			11,4500					
Certificate	NL0010658340	APPLE 86.6TL OPENB	EUR	78,4000	78,4000	78,4000			78,4000					
Certificate	NL0011594379	APPLE 88.2TL OPENH	EUR	11,3700	11,3700	11,1100			11,1100					
Certificate	NL0011052311	APPLE 89.8TL OPENH	EUR	11,2400	11,2400	10,9700			10,9700					
Certificate	NL0011808076	APPLE 90.7TL OPENB	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	DE000CR9RUC5	APPLE 92.3TL OPENZ	EUR	10,0300	10,0300	10,0300			10,0300					
Certificate	NL0011928957	APPLE 97.8TL OPENH	EUR	10,6000	10,6000	10,3400			10,3400					
Certificate	NL0011912589	APPLE100.8TL OPENB	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	DE000CN6LH06	APPLE101.2TL OPENZ	EUR	9,2500	9,2500	9,2500			9,2500					
Certificate	NL0012015952	APPLE105.9TL OPENB	EUR	9,6500	9,6500	9,6500			9,6500					
Certificate	DE000CD62FF3	APPLE109.7TL OPENZ	EUR	8,5000	8,5000	8,5000			8,5000					
Certificate	NL0011733118	APPLE146.1TS OPENH	EUR											
Certificate	DE000CM4ASAS5	APPLE16.88TL OPENZ	EUR	11,6900	11,6900	11,6900			11,6900					
Certificate	NL0012778518	APPLE171.98S OPENB	EUR											
Certificate	DE000VA715H9	APPLE187.4TL OPENV	EUR	2,0600	2,0600	1,6750	907,0000	3	1,6750	500				
Certificate	DE000VA7TDB9	APPLE192.2TL OPENV	EUR	1,6300	1,6500	1,2500	1980,5800	9	1,2550	1369				
Certificate	DE000VASRLJ3	APPLE193.8TL OPENV	EUR	1,3150	1,5500	0,9900	15766,2500	17	1,0550	12793				
Certificate	DE000VA71WB4	APPLE197.4TL OPENV	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	DE000VASRLK1	APPLE198.8TL OPENV	EUR	0,9800	1,1400	0,6850	9594,7000	21	0,6850	11270				
Certificate	DE000VAGEGG5	APPLE201.9TL OPENV	EUR	0,7500	0,7500	0,5250	600,0000	1	0,5250	800				
Certificate	DE000VASRLI9	APPLE203.8TL OPENV	EUR	0,4400	0,7350	0,2350	6480,7500	22	0,2350	10892				
Certificate	DE000VAGTY20	APPLE206.9TL OPENV	EUR											
Certificate	DE000VA80KV8	APPLE207.8TL OPENV	EUR											
Certificate	DE000VASRLM7	APPLE208.8TL OPENV	EUR											
Certificate	DE000VA80KW6	APPLE210.3TL OPENV	EUR											
Certificate	DE000VA87EW4	APPLE212.8TL OPENV	EUR											
Certificate	DE000CM027P4	APPLE222.46TL OPENZ	EUR	11,3600	11,3600	11,3600			11,3600					
Certificate	DE000VA8F5M1	APPLE222.3TS OPENV	EUR											
Certificate	DE000VA715B2	APPLE224.8TS OPENV	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	NL0013008915	APPLE225.3BS OPENB	EUR	14,2700	18,3300	14,2700	1950,7500	4	18,1300	111				
Certificate	DE000VA71SD8	APPLE227.3TS OPENV	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	NL0013008923	APPLE229.3BS OPENB	EUR	17,5800	21,6500	17,5800	879,0000	1	21,6500	50				
Certificate	DE000VA71SG1	APPLE229.8TS OPENV	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	DE000VA7TC90	APPLE232.3TS OPENV	EUR	2,3150	2,3150	2,3150			2,3150					
Certificate	NL0013006208	APPLE233.2BS OPENB	EUR	25,1500	25,1500	25,1500			25,1500					
Certificate	DE000VASRLH7	APPLE234.8TS OPENV	EUR	2,4000	2,5350	2,4000	840,0000	1	2,5350	350				
Certificate	NL0012994115	APPLE237.2BS OPENB	EUR	28,6600	28,6600	28,6600			28,6600					
Certificate	DE000VAGEGB6	APPLE237.3TS OPENV	EUR	2,7550	2,7550	2,7550			2,7550					
Certificate	NL0012987176	APPLE239.5TS OPENB	EUR	4,8200	5,2450	4,8200	19480,8000	3	5,2450	4040				
Certificate	DE000VASRPE5	APPLE239.8TS OPENV	EUR	2,9750	2,9750	2,9750			2,9750					
Certificate	DE000CV88QQ4	APPLE240.4TS OPENZ	EUR	2,5800	2,9950	2,5800	16055,0000	5	2,9950	6000				
Certificate	NL0013004005	APPLE241.2BS OPENB	EUR	32,1700	32,1700	32,1700			32,1700					
Certificate	DE000VASRRR3	APPLE244.8TS OPENV	EUR	3,4150	3,4150	3,4150			3,4150					
Certificate	NL0013004732	APPLE245.2BS OPENB	EUR	35,6800	35,6800	35,6800			35,6800					
Certificate	DE000VAGTY12	APPLE247.3TS OPENV	EUR	3,6350	3,6350	3,6350			3,6350					
Certificate	DE000VAD3B3	APPLE249.8TS OPENV	EUR	3,5300	3,8550	3,3800	7627,2000	5	3,8550	2200				
Certificate	NL0012990873	APPLE251.3TS OPENB	EUR	6,1000	6,4050	5,8300	9303,0000	4	6,4050	1500				
Certificate	DE000VA64ZG1	APPLE252.3TS OPENV	EUR	4,0750	4,0750	4,0750			4,0750					
Certificate	DE000VA7PSD1	APPLE257.3TS OPENV	EUR	4,5150	4,5150	4,5150			4,5150					
Certificate	DE000VA7PSE9	APPLE259.8TS OPENV	EUR	4,7350	4,7350	4,7350			4,7350					
Certificate	DE000CV8ANA6	APPLE260.4TS OPENZ	EUR	4,3300	4,7550	4,3300	28495,0000	4	4,7550	6500				
Certificate	NL0012994032	APPLE263.8TS OPENB	EUR	7,6250	7,6250	7,6250			7,6250					



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	DE000CV880U5	APPLE280.5TS OPENZ	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	DE000CG28U95	APPLE57.44TL OPENC	EUR	87,7600	87,7600	87,7600			87,7600					
Certificate	DE000CK18V43	APPLE58.59TL OPENZ	EUR	92,3100	92,3100	92,3100			92,3100					
Certificate	DE000CF3ASA6	APPLE67.34TL OPENC	EUR	16,0200	16,0200	16,0200			16,0200					
Certificate	NL0011534938	APPLE72.98BL OPENB	EUR	118,0700	118,0700	118,0700			118,0700					
Certificate	DE000CF50R01	APPLE73.84TL OPENC	EUR	15,0100	15,0100	15,0100			15,0100					
Certificate	DE000CZ7DTQ1	APPLE80.75TL OPENZ	EUR	77,3200	77,3200	77,3200			77,3200					
Certificate	NL0011266994	APPLE89.92BL OPENB	EUR	103,1900	103,1900	103,1900			103,1900					
Certificate	DE000CB9Y9E4	APPLE93.51TL OPENZ	EUR	71,6400	71,6400	71,6400			71,6400					
Certificate	NL0011808399	APPLE94.32BL OPENB	EUR	99,3200	99,3200	99,3200			99,3200					
Certificate	DE000CB9Y1K8	APPLE97.51TL OPENZ	EUR	67,0200	67,0200	67,0200			67,0200					
Certificate	NL0011233887	APRAM 13TL OPENH	EUR	20,3100	20,3100	20,3100			20,3100					
Certificate	DE000CQ58YP2	APRAM 20TL OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CP06W64	APRAM 25TL OPENC	EUR	0,6700	0,6800	0,6600	2010,0000	1	0,6800	3000				
Certificate	DE000CQ58KD7	APRAM 28TL OPENC	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CQ58PM7	APRAM 30TL OPENC	EUR											
Certificate	DE000CQ58YQ0	APRAM 35TS OPENC	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CQ5AS67	APRAM 36TL OPENC	EUR											
Certificate	DE000CQ5AU63	APRAM 38TL OPENC	EUR											
Certificate	DE000CQ5AS75	APRAM 38TL OPENC	EUR											
Certificate	DE000CP06ZA3	APRAM 40TS OPENC	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CP06TQ2	APRAM 40TS OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CP06081	APRAM 40TS OPENC	EUR											
Certificate	NL0012796130	APRAM 42BON1219Z	EUR	30,6900	30,6900	30,6900			30,6900					
Certificate	DE000CQ58PN5	APRAM 42TS OPENC	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0012795322	APRAM 43BOC0619Z	EUR	33,6500	33,6500	33,1550	1682,5000	1	33,1550	50				
Certificate	NL0012796486	APRAM 44BOC0919Z	EUR	29,5800	29,5800	29,5800			29,5800					
Certificate	NL0012796627	APRAM 44BOC0919Z	EUR	29,5800	29,5800	29,5800			29,5800					
Certificate	DE000CQ5AS91	APRAM 45TS OPENC	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CQ5AU89	APRAM 45TS OPENC	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CQ5ASA8	APRAM 46TS OPENC	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CQ5AWK9	APRAM 46TS OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000CQ5AU97	APRAM 48TS OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CQ5BDT8	APRAM 48TS OPENC	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CQ5ASB6	APRAM 48TS OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CQ58F53	APRAM 48TS OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	NL0012676282	APRAM 51BOC1218B	EUR	31,7200	31,7200	30,9900	1579,0000	1	30,9900	50				
Certificate	NL0009998319	APRAM 2.3TL OPENB	EUR	29,3150	29,3150	29,3150			29,3150					
Certificate	NL0009873090	APRAM 4.4TL OPENB	EUR	28,1650	28,1650	27,4450			27,4450					
Certificate	NL0010656088	APRAM 15.2TL OPENB	EUR	17,5950	17,5950	17,5950			17,5950					
Certificate	NL0010901567	APRAM 18.6TL OPENB	EUR	15,3450	15,3450	14,5950			14,5950					
Certificate	NL0011437405	APRAM 21.7TL OPENB	EUR	12,4350	12,4350	11,6850			11,6850					
Certificate	NL0013145758	APRAM 23.7TL OPENB	EUR	10,6250	10,6250	9,8750			9,8750					
Certificate	NL0013145766	APRAM 25.7TL OPENB	EUR	8,8050	8,8050	8,0550	2601,0000	1	8,0550	300				
Certificate	NL0011906235	APRAM 29.1TL OPENB	EUR											
Certificate	LU1719708064	APRAM 30.1TCIOPENS	EUR											
Certificate	NL0013018740	APRAM 32.8TS OPENB	EUR	4,3950	5,0750	4,3950			5,0750					
Certificate	LU1841030288	APRAM 33.5TCIOPENS	EUR											
Certificate	NL0012796841	APRAM 35.2BOC0619Z	EUR	31,7800	31,7800	31,7800			31,7800					
Certificate	NL0013015514	APRAM 35.8TS OPENB	EUR	7,7050	8,3850	7,7050			8,3850					
Certificate	NL0012796858	APRAM 36.8BOC0919Z	EUR	31,8100	31,8100	31,8100			31,8100					
Certificate	NL0013010978	APRAM 38.8TS OPENB	EUR	11,0150	11,6950	11,0150			11,6950					
Certificate	NL0012796866	APRAM 39.2BOC1219Z	EUR	32,1100	32,1100	32,1100			32,1100					
Certificate	NL0012793426	APRAM 41.7TS OPENB	EUR	14,9750	14,9750	14,9750			14,9750					
Certificate	NL0012796635	APRAM 43.5BOC1219Z	EUR	31,0400	31,0400	31,0400			31,0400					
Certificate	NL0012796494	APRAM 43.5BOC1219Z	EUR	31,0300	31,0300	31,0300			31,0300					
Certificate	NL0013000599	APRAM 44.7TS OPENB	EUR	17,5950	18,2750	17,5950			18,2750					
Certificate	NL0012103295	APRAM 50.5TS OPENB	EUR	24,0950	24,7750	24,0950			24,7750					
Certificate	NL0012494686	APRAM 53.5BOC1218B	EUR	31,7200	31,7200	30,9900			30,9900					
Certificate	NL0011233879	APRAM17.24TL OPENH	EUR	16,4600	16,4600	16,4600			16,4600					
Certificate	DE000CR9SQ30	APRAM20.45TL OPENZ	EUR	10,9900	11,0100	10,9900			11,0100					
Certificate	NL0011516182	APRAM22.28BL OPENB	EUR	10,3650	10,3650	9,6150			9,6150					
Certificate	DE000CJ3PPC2	APRAM22.58TL OPENZ	EUR	1,9650	1,9650	1,9650			1,9650					
Certificate	NL0013016348	APRAM23.27BL OPENB	EUR	9,3650	9,3650	8,6150			8,6150					
Certificate	NL0013016355	APRAM24.28BL OPENB	EUR	8,3650	8,3650	7,6150			7,6150					
Certificate	NL0013146350	APRAM25.27BL OPENB	EUR	7,3650	7,3650	6,6150			6,6150					
Certificate	DE000CN6EWT3	APRAM25.39TL OPENZ	EUR	6,0600	6,0800	6,0600			6,0800					
Certificate	LU1859845080	APRAM25.73TCIOPENS	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	DE000CJ3N6X2	APRAM26.08TL OPENZ	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	NL0013146368	APRAM26.27BL OPENB	EUR	6,3650	6,3650	5,4950	1382,5000	1	5,6150	250				
Certificate	NL0013146376	APRAM27.27BL OPENB	EUR	5,3650	5,3650	4,4400	4762,5000	4	4,6150	1000				
Certificate	DE000CJ3PPH1	APRAM27.36TL OPENZ	EUR	0,9600	0,9600	0,8250	2640,0000	2	0,8250	3000				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1859911726	APRAM27.74TCIOPENS	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	NL0013126378	APRAM28.57TL OPENH	EUR											
Certificate	NL0013129646	APRAM29.07TL OPENH	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000CD61WA1	APRAM29.38TL OPENZ	EUR	2,1400	2,7900	2,0600	1293,3000	4	2,1600	570				
Certificate	NL0013126360	APRAM30.07TL OPENH	EUR											
Certificate	LU1859910165	APRAM30.34TPIOPENS	EUR											
Certificate	DE000CD622J6	APRAM30.58TL OPENZ	EUR											
Certificate	NL0013146616	APRAM30.77BS OPENB	EUR											
Certificate	NL0013124373	APRAM31.07TL OPENH	EUR											
Certificate	NL0013129638	APRAM32.07TS OPENH	EUR											
Certificate	NL0013018864	APRAM32.76BS OPENB	EUR	1,1850	1,8650	1,1850			1,8650					
Certificate	DE000CJ3PU76	APRAM33.26TS OPENZ	EUR	0,3000	0,4350	0,3000	1920,0000	2	0,4350	6000				
Certificate	NL0013125545	APRAM34.05TS OPENH	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	NL0013018872	APRAM34.76BS OPENB	EUR	3,1850	3,8650	3,1850			3,8650					
Certificate	LU1859830058	APRAM36.14TPIOPENS	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	NL0013014376	APRAM36.76BS OPENB	EUR	5,1850	5,8650	5,1850			5,8650					
Certificate	DE000CJ3PK65	APRAM37.26TS OPENZ	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	NL0013083033	APRAM38.02TS OPENH	EUR	10,1600	10,1600	10,1600			10,1600					
Certificate	NL0013008907	APRAM38.76BS OPENB	EUR	7,1750	7,8550	7,1750			7,8550					
Certificate	NL0013083025	APRAM39.02TS OPENH	EUR	11,2700	11,2700	11,2700			11,2700					
Certificate	LU1841028977	APRAM39.48TPIOPENS	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	NL0013006968	APRAM40.75BS OPENB	EUR	9,1650	9,8450	9,1650			9,8450					
Certificate	DE000CJ3N419	APRAM41.26TS OPENZ	EUR	2,0150	2,0150	2,0150			2,0150					
Certificate	NL0012936579	APRAM41.75TS OPENH	EUR	14,3000	14,3000	14,3000			14,3000					
Certificate	NL0012934525	APRAM42.72TS OPENH	EUR	15,3800	15,3800	15,3800			15,3800					
Certificate	NL0012690408	APRAM42.74BS OPENB	EUR	11,1550	11,8350	11,1550			11,8350					
Certificate	LU1696586418	APRAM45.36TPIOPENS	EUR	12,5300	12,5300	12,5300			12,5300					
Certificate	DE000CV503C1	APRAM46.25TS OPENZ	EUR	3,0150	3,0150	3,0150			3,0150					
Certificate	NL0012109888	APRAM46.63BS OPENB	EUR	15,0550	15,7350	15,0550			15,7350					
Certificate	LU1696508701	APRAM47.27TPIOPENS	EUR	14,3700	14,3700	14,3700			14,3700					
Certificate	NL0011233770	APRAM48.57TS OPENH	EUR	21,8800	21,8800	21,8800			21,8800					
Certificate	NL0013005143	APRAM48.64BS OPENB	EUR	17,0650	17,7450	17,0650			17,7450					
Certificate	DE000CE6BHG8	APRAM51.73TS OPENZ	EUR	4,1150	4,1150	4,1050			4,1050					
Certificate	NL0012772818	ARCAD 18.4TS OPENB	EUR	8,4400	8,4700	8,4400			8,4700					
Certificate	NL0013018658	ARCAD 7.78TL OPENB	EUR	4,9200	4,9200	4,9100			4,9100					
Certificate	NL0012108302	ARCAD 8.78TL OPENB	EUR	4,0100	4,0100	4,0000			4,0000					
Certificate	DE000CN6J3Y2	ARCAD 9.49TL OPENZ	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	NL0012103790	ARCAD 9.81TL OPENB	EUR	3,0800	3,1700	3,0700	399,4200	1	3,0700	126				
Certificate	DE000CN6J182	ARCAD10.02TL OPENZ	EUR	1,0400	1,0400	1,0050	10,4000	1	1,0050	10				
Certificate	NL0013016371	ARCAD10.18BL OPENB	EUR	2,0350	2,1100	2,0250	1055,0000	1	2,0250	500				
Certificate	DE000CJ3PQP2	ARCAD10.57TL OPENZ	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	NL0013019045	ARCAD10.81TL OPENB	EUR	2,1700	2,1700	2,1600			2,1600					
Certificate	NL0013018757	ARCAD10.93BL OPENB	EUR	1,2850	1,2850	1,2750			1,2750					
Certificate	DE000CD63X00	ARCAD11.04TL OPENZ	EUR											
Certificate	DE000CJ3PVD8	ARCAD11.17TL OPENZ	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	DE000CJ3PTF7	ARCAD11.17TL OPENZ	EUR											
Certificate	DE000CJ3PUU4	ARCAD11.17TL OPENZ	EUR											
Certificate	NL0013017643	ARCAD11.75BS OPENB	EUR											
Certificate	NL0013017239	ARCAD12.41TS OPENB	EUR	1,7900	1,8200	1,7900			1,8200					
Certificate	DE000CJ3PPK5	ARCAD12.44TS OPENZ	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	NL0013016629	ARCAD13.24BS OPENB	EUR	1,4550	1,4850	1,4550			1,4850					
Certificate	DE000CJ3PK81	ARCAD13.43TS OPENZ	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	NL0013015951	ARCAD14.41TS OPENB	EUR	4,0200	4,0500	4,0200			4,0500					
Certificate	DE000CJ3PK99	ARCAD14.43TS OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	NL0013006711	ARCAD14.74BS OPENB	EUR	2,9550	2,9850	2,9550			2,9850					
Certificate	DE000CJ3NX47	ARCAD15.43TS OPENZ	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	NL0013006729	ARCAD16.23BS OPENB	EUR	4,4550	4,4850	4,4550			4,4850					
Certificate	NL0012972608	ARCAD16.41TS OPENB	EUR	6,2300	6,2600	6,2300			6,2600					
Certificate	DE000CV89L36	ARCAD16.93TS OPENZ	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	DE000CV87WC4	ARCAD18.91TS OPENZ	EUR	3,5150	3,5150	3,5150			3,5150					
Certificate	NL0012280085	ARCAD20.34TS OPENB	EUR	10,5900	10,6200	10,5900			10,6200					
Certificate	DE000CJ3PK73	ARCAD7.393TL OPENZ	EUR	2,3050	2,3050	2,3050			2,3050					
Certificate	DE000CN6J638	ARCAD8.397TL OPENZ	EUR	1,8050	1,8050	1,8050			1,8050					
Certificate	NL0013018328	ARCAD8.676BL OPENB	EUR	3,5350	3,5350	3,5250			3,5250					
Certificate	DE000CJ3PPJ7	ARCAD8.931TL OPENZ	EUR	1,5450	1,5450	1,5450			1,5450					
Certificate	NL0013016363	ARCAD9.426BL OPENB	EUR	2,7850	2,8450	2,7750	426,0000	1	2,7750	150				
Certificate	DE000CE6BQP0	ARCM I LEVOPENZ	EUR	4,1240	4,2290	3,9470	1044,1300	2	3,9470	250				
Certificate	DE000CE6BQE4	ARCM I SHROPENZ	EUR	5,6450	5,6450	5,6450			5,6450					
Certificate	XS1568006867	ARCM I STN0220B	EUR	97,8500	97,8500	96,0500	1957,0000	1	96,0500	2000				
Certificate	XS1777869931	ARCM I STN0221B	EUR	88,3500	88,3500	88,3500			88,3500					
Certificate	NL0011649975	ARCM I 7TL OPENB	EUR	7,2550	7,2550	6,8750			6,8750					
Certificate	NL0011659057	ARCM I 10TL OPENB	EUR	6,1050	6,1050	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	NL0011906243	ARCFI 13TL OPENB	EUR	3,8050	3,8050	3,5150			3,5150					
Certificate	NL0011906250	ARCFI 14TL OPENB	EUR	3,5150	3,5150	3,2250			3,2250					
Certificate	DE000CY502T4	ARCFI 15TL OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CY16YG4	ARCFI 16TL OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CY16Y36	ARCFI 16TL OPENC	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CY16YJ8	ARCFI 17TL OPENC	EUR	0,6800	0,6800	0,6100	12802,0000	5	0,6100	19100				
Certificate	DE000CY16Y51	ARCFI 17TL OPENC	EUR	0,5500	0,5500	0,5400	165,0000	1	0,5400	300				
Certificate	DE000VA8F196	ARCFI 18TL 0319V	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	DE000CY50ES0	ARCFI 18TL OPENC	EUR	0,5100	0,5100	0,4400	38,2500	1	0,4400	75				
Certificate	DE000CY50875	ARCFI 18TL OPENC	EUR	0,6300	0,6300	0,5200	63,0000	1	0,5200	100				
Certificate	DE000VA8FYP2	ARCFI 19TL 0319V	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000VA8F121	ARCFI 19TL 1218V	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000CV8B052	ARCFI 19TL 1218Z	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	DE000CY50701	ARCFI 19TL OPENC	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CY50891	ARCFI 19TL OPENC	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000VA71UN3	ARCFI 20TL 0319V	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000VA3ZU78	ARCFI 20TL 1218V	EUR	3,1000	3,1000	2,4200	1240,0000	1	2,4200	400				
Certificate	DE000CY50JW1	ARCFI 20TL OPENC	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000CY50KF4	ARCFI 20TL OPENC	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000VA80H25	ARCFI 21TL 0319V	EUR											
Certificate	DE000VA80HY8	ARCFI 21TL 1218V	EUR											
Certificate	LU1612157831	ARCFI 22TCIOPENS	EUR											
Certificate	DE000VA8F402	ARCFI 22TS 0319V	EUR											
Certificate	DE000VA8F410	ARCFI 22TS 1218V	EUR											
Certificate	DE000VA8FYN7	ARCFI 23TS 0319V	EUR											
Certificate	DE000VA8FYQ0	ARCFI 23TS 1218V	EUR											
Certificate	DE000CY528X1	ARCFI 24TL OPENC	EUR											
Certificate	DE000VA8FVY0	ARCFI 24TS 0319V	EUR	1,2400	2,0500	1,2400	10000,0000	2	2,0500	8000				
Certificate	DE000VA8FV27	ARCFI 24TS 1218V	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CQ5BZ34	ARCFI 24TS OPENC	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	DE000VA8RMJ4	ARCFI 25TL 1218V	EUR											
Certificate	DE000CQ5AHK0	ARCFI 25TL OPENC	EUR											
Certificate	DE000VA8FTB2	ARCFI 25TS 0319V	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	DE000VA8FTC0	ARCFI 25TS 1218V	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CQ5BZ42	ARCFI 25TS OPENC	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CQ5APN7	ARCFI 26TL OPENC	EUR											
Certificate	DE000CQ5AST8	ARCFI 26TL OPENC	EUR											
Certificate	DE000VA71PR4	ARCFI 26TS 0319V	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000VA71PZ7	ARCFI 26TS 1218V	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000CP06U25	ARCFI 26TS OPENC	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CP06ZX5	ARCFI 26TS OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CQ5AUW8	ARCFI 27TL OPENC	EUR											
Certificate	DE000VA7PW66	ARCFI 27TS 0319V	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	DE000VA7PXA7	ARCFI 27TS 1218V	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	DE000CP06U33	ARCFI 27TS OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000VA7PXQ3	ARCFI 27TS OPENV	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	NL0012494512	ARCFI 28BOC1218B	EUR	27,4900	27,4900	27,1800			27,1800					
Certificate	NL0012648323	ARCFI 28BOC1218Z	EUR	27,3000	27,3000	27,3000			27,3000					
Certificate	DE000VA7PUG0	ARCFI 28TS 0319V	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	DE000VASEM14	ARCFI 28TS 1218V	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	DE000CP06MH6	ARCFI 28TS OPENC	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CP062H5	ARCFI 28TS OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CQ5BT81	ARCFI 28TS OPENC	EUR											
Certificate	NL0012648331	ARCFI 29BOC0619Z	EUR	26,3400	26,3400	26,3400			26,3400					
Certificate	DE000VA7PUH8	ARCFI 29TS 0319V	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	DE000VA3ZVQ5	ARCFI 29TS 1218V	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	DE000CP06OM9	ARCFI 29TS OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	NL0012976617	ARCFI 30BOC0619B	EUR	24,8500	24,8500	23,7700			23,7700					
Certificate	DE000VA7PUJ4	ARCFI 30TS 0319V	EUR	7,8800	7,8800	7,8800			7,8800					
Certificate	DE000VA3Z3T2	ARCFI 30TS 1218V	EUR	7,8700	7,8700	7,8700			7,8700					
Certificate	DE000CQ5B0C6	ARCFI 30TS OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0012795603	ARCFI 31BOC0919Z	EUR	23,0500	23,0500	23,0500			23,0500					
Certificate	DE000VA7PUK2	ARCFI 31TS 0319V	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	DE000VA4YND1	ARCFI 31TS 1218V	EUR	8,8700	8,8700	8,8700			8,8700					
Certificate	DE000CV8AB48	ARCFI 31TS 1218Z	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	DE000CY522A2	ARCFI 31TS OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000VA4YV36	ARCFI 32TS 1218V	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	DE000CY52HZ4	ARCFI 32TS OPENC	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CY52J06	ARCFI 33TS OPENC	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CQ5ASV4	ARCFI 34TS OPENC	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CQ5AU4Y	ARCFI 34TS OPENC	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CY52MG4	ARCFI 35TS OPENC	EUR	1,4100	1,4100	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	DE000CV52114	ARCFMI 35TS OPENC	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CV8AHX0	ARCFMI 36TS 1218Z	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	DE000VA71R24	ARCFMI 26.TS OPENV	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	NL0011656699	ARCFMI 9.2TL OPENB	EUR	6,3850	6,3850	6,0050			6,0050					
Certificate	NL0011719844	ARCFMI 9.4TL OPENH	EUR	4,8900	4,8900	4,5600			4,5600					
Certificate	NL0011796461	ARCFMI 10.9TL OPENB	EUR	4,4450	4,4500	4,1550	875,0000	2	4,1550	200				
Certificate	NL0010154944	ARCFMI 11.6TL OPENA	EUR											
Certificate	NL0011900691	ARCFMI 12.1TL OPENB	EUR	4,0750	4,0750	3,7850	293,0400	1	3,7850	72				
Certificate	NL0011926886	ARCFMI 14.4TL OPENH	EUR	3,3800	3,3800	3,0400			3,0400					
Certificate	NL0012017511	ARCFMI 15.2TL OPENB	EUR	3,1550	3,1550	2,8650			2,8650					
Certificate	NL0012017974	ARCFMI 16.1TL OPENB	EUR	2,8750	2,9000	2,5850	1160,0000	1	2,5850	400				
Certificate	NL0012029102	ARCFMI 17.3TL OPENB	EUR	2,5050	2,6000	2,2150	2510,0000	2	2,2150	980				
Certificate	LU1859845163	ARCFMI 17.4TCIOPENS	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CV509X1	ARCFMI 17.5TL OPENC	EUR	0,6000	0,6000	0,5700	360,0000	1	0,5700	600				
Certificate	DE000CV16Y69	ARCFMI 17.5TL OPENC	EUR	0,4900	0,4900	0,4900			0,4900					
Certificate	NL0012330906	ARCFMI 18.3TL OPENH	EUR	6,5900	6,5900	5,5900			5,5900					
Certificate	DE000CV509Y9	ARCFMI 18.5TL OPENC	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CV506Z2	ARCFMI 18.5TL OPENC	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	NL0012274138	ARCFMI 18.8TL OPENB	EUR	6,0900	6,2000	5,2350	158021,0000	12	5,2350	25850				
Certificate	LU1573538961	ARCFMI 19.1TCIOPENS	EUR	4,3500	4,3500	3,1900	306,5000	2	3,1900	90				
Certificate	NL0012274344	ARCFMI 19.48L OPENB	EUR	4,2150	4,2150	3,3450	6490,5000	6	3,3450	1750				
Certificate	NL0012274997	ARCFMI 19.4TL OPENB	EUR	5,6450	5,8100	4,7750	61923,0000	5	4,7750	10700				
Certificate	DE000CV509Z6	ARCFMI 19.5TL OPENC	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CV50XD2	ARCFMI 19.5TL OPENC	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CV50ET8	ARCFMI 19.5TL OPENC	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000CV51C79	ARCFMI 19.5TL OPENC	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CV59KJ9	ARCFMI 19.6TL OPENC	EUR											
Certificate	NL0012275531	ARCFMI 19.9TL OPENB	EUR	5,1850	5,2000	4,3150	4744,7500	3	4,3150	920				
Certificate	NL0011593363	ARCFMI 2.51TL OPENH	EUR	9,0000	9,0000	8,5700			8,5700					
Certificate	NL0012276430	ARCFMI 20.4TL OPENB	EUR	4,7250	4,8500	3,8550	8335,7500	5	3,8550	1815				
Certificate	DE000CV50JX9	ARCFMI 20.5TL OPENC	EUR	0,2700	0,2700	0,1900	2012,2500	4	0,1900	7501				
Certificate	DE000CV50KG2	ARCFMI 20.5TL OPENC	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	NL0013017023	ARCFMI 20.9TL OPENB	EUR	4,2150	4,2500	3,3450	13475,0000	7	3,3450	3300				
Certificate	LU1859834043	ARCFMI 21.2TCIOPENS	EUR											
Certificate	DE000CV50EV4	ARCFMI 21.5TS OPENC	EUR											
Certificate	NL0013017247	ARCFMI 22.6TS OPENB	EUR											
Certificate	NL0013087406	ARCFMI 23.4TS OPENH	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	NL0013015969	ARCFMI 23.6TS OPENB	EUR	3,0150	3,8850	3,0150			3,8850					
Certificate	NL0012796874	ARCFMI 24.2BOC0619Z	EUR	22,3900	22,3900	22,3900			22,3900					
Certificate	NL0013015522	ARCFMI 24.6TS OPENB	EUR	4,1250	4,9950	4,1250			4,9950					
Certificate	DE000VA4RMK2	ARCFMI 24.9TL OPENV	EUR											
Certificate	NL0012796882	ARCFMI 25.3BOC0919Z	EUR	22,5500	22,5500	22,5500			22,5500					
Certificate	DE000VA71RU4	ARCFMI 25.4TS OPENV	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	NL0013009962	ARCFMI 25.6TS OPENB	EUR	5,3250	6,1950	5,3250			6,1950					
Certificate	DE000VA71RW0	ARCFMI 25.6TS OPENV	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	DE000VA71RZ3	ARCFMI 25.8TS OPENV	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	DE000VA71R57	ARCFMI 26.2TS OPENV	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000VA71R81	ARCFMI 26.4TS OPENV	EUR	4,1900	4,1900	4,1900			4,1900					
Certificate	DE000CV51KA3	ARCFMI 26.5TS OPENC	EUR											
Certificate	DE000CV51M93	ARCFMI 26.5TS OPENC	EUR											
Certificate	NL0013005507	ARCFMI 26.6TS OPENB	EUR	6,4250	7,2950	6,4250			7,2950					
Certificate	DE000VA77C25	ARCFMI 26.6TS OPENV	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000VA77PXN0	ARCFMI 26.8TS OPENV	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	DE000VA77PXR1	ARCFMI 27.2TS OPENV	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	DE000VA77PR55	ARCFMI 27.4TS OPENV	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	NL0013004229	ARCFMI 27.6TS OPENB	EUR	7,5150	8,3850	7,5150			8,3850					
Certificate	DE000VA77PR89	ARCFMI 27.6TS OPENV	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	NL0012795595	ARCFMI 28.5BOC0619Z	EUR	23,6700	23,6700	23,6700			23,6700					
Certificate	NL0012972616	ARCFMI 28.6TS OPENB	EUR	8,6350	9,5050	8,6350			9,5050					
Certificate	NL0012792378	ARCFMI 29.7TS OPENB	EUR	9,7850	10,6550	9,7850			10,6550					
Certificate	NL0012796304	ARCFMI 30.5BOC1219Z	EUR	23,3000	23,3000	23,3000			23,3000					
Certificate	NL0013003213	ARCFMI 30.7BOC0919B	EUR	23,6900	23,6900	22,6700			22,6700					
Certificate	NL0012697205	ARCFMI 30.7TS OPENB	EUR	10,9150	11,7850	10,9150			11,7850					
Certificate	DE000CV52HY7	ARCFMI 31.5TS OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CV52MF6	ARCFMI 32.5TS OPENC	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	NL0012648984	ARCFMI 34.5BOC0619Z	EUR	24,9750	24,9750	24,9750			24,9750					
Certificate	NL0011586532	ARCFMI 4.93TL OPENH	EUR	8,0600	8,0600	7,6200			7,6200					
Certificate	NL0011602198	ARCFMI 5.67TL OPENH	EUR	7,7700	7,7700	7,3400			7,3400					
Certificate	NL0011602180	ARCFMI 5.91TL OPENH	EUR	7,6800	7,6800	7,2400			7,2400					
Certificate	NL0011586524	ARCFMI 6.15TL OPENH	EUR	7,5800	7,5800	7,1500			7,1500					
Certificate	NL0011719851	ARCFMI 8.78TL OPENH	EUR	5,0800	5,0800	4,7500			4,7500					
Certificate	DE000CX00TW7	ARCFMI 9.81TL OPENC	EUR	4,2900	4,2900	4,2900			4,2900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CN6KJ62	ARCM1 9.93TL OPENZ	EUR	4,2250	4,2250	4,2250			4,2250					
Certificate	NL0011719836	ARCM110.03TL OPENH	EUR	4,7000	4,7000	4,3700			4,3700					
Certificate	DE000CX010G6	ARCM110.65TL OPENC	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	NL0011719828	ARCM110.65TL OPENH	EUR	4,5100	4,5100	4,1800			4,1800					
Certificate	NL0011719810	ARCM111.28TL OPENH	EUR	4,3200	4,3200	3,9900			3,9900					
Certificate	NL0011796339	ARCM111.49BL OPENB	EUR	4,0000	4,0000	3,7100			3,7100					
Certificate	DE000CN6KTB4	ARCM112.31TL OPENZ	EUR	3,3150	3,3150	3,3150			3,3150					
Certificate	NL0011896584	ARCM113.16TL OPENH	EUR	3,7500	3,8200	3,4200	40610,0000	10	3,4200	11000				
Certificate	DE000CD61TG4	ARCM113.28TL OPENZ	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	NL0011907332	ARCM114.69BL OPENB	EUR	2,9700	2,9700	2,6800	14400,0000	1	2,6800	5000				
Certificate	DE000CX599W5	ARCM114.97TL OPENC	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000CD624K0	ARCM114.98TL OPENZ	EUR	2,6050	2,6050	2,6050			2,6050					
Certificate	NL0011930649	ARCM115.02TL OPENH	EUR	3,1900	3,1900	2,8600			2,8600					
Certificate	DE000CX59720	ARCM115.11TL OPENC	EUR	2,6900	2,6900	2,4100	909,5000	3	2,4100	350				
Certificate	DE000VN66UN6	ARCM115.12TL OPENV	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	DE000CJ3PLA5	ARCM115.36TL OPENZ	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	DE000VN66UP1	ARCM115.62TL OPENV	EUR	7,1300	7,1300	7,1300			7,1300					
Certificate	DE000VN66R83	ARCM116.11TL OPENV	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0012018170	ARCM116.27BL OPENB	EUR	2,4500	2,4500	2,1600			2,1600					
Certificate	DE000VA8FSJ7	ARCM116.32TL OPENV	EUR	5,9900	5,9900	5,9900			5,9900					
Certificate	NL0011979356	ARCM116.46TL OPENH	EUR	2,7600	2,7600	2,4200			2,4200					
Certificate	DE000VA8F5L3	ARCM116.52TL OPENV	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000VN66SA7	ARCM116.61TL OPENV	EUR	6,1400	6,1400	6,1400			6,1400					
Certificate	DE000VA8F253	ARCM116.72TL OPENV	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000CD633E4	ARCM116.87TL OPENZ	EUR	2,1100	2,1100	1,8050	1155,5000	2	1,8050	550				
Certificate	DE000VA8F261	ARCM116.92TL OPENV	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	DE000VN66SH2	ARCM117.11TL OPENV	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	DE000VN66SB5	ARCM117.11TL OPENV	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	DE000VA8FZE3	ARCM117.25TL OPENV	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	DE000CX59G94	ARCM117.35TL OPENC	EUR	1,9200	1,9200	1,6500	1536,0000	2	1,6500	800				
Certificate	DE000CD634U8	ARCM117.46TL OPENZ	EUR	1,9000	1,9000	1,6050	2004,5000	1	1,6050	1055				
Certificate	DE000VN66UQ9	ARCM117.62TL OPENV	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	DE000VA8FXF5	ARCM117.76TL OPENV	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000CD63QM4	ARCM117.76TL OPENZ	EUR	1,9700	2,0900	1,7000	5605,0000	4	1,7150	2900				
Certificate	NL0012028831	ARCM117.85BL OPENB	EUR	1,9200	1,9200	1,6300	915,0000	1	1,6300	500				
Certificate	DE000VA8FXG3	ARCM117.96TL OPENV	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	DE000VN66VT1	ARCM118.14TL OPENV	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000VA8FXH1	ARCM118.16TL OPENV	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	NL0012273908	ARCM118.36BL OPENB	EUR	5,2650	5,2650	4,3850	17105,0000	2	4,3850	3500				
Certificate	DE000CD63JU2	ARCM118.66TL OPENZ	EUR	1,4400	1,5800	1,2150	3840,5000	5	1,2150	2605				
Certificate	NL0012330674	ARCM118.81TL OPENH	EUR	6,1300	6,1300	5,1300			5,1300					
Certificate	DE000VA71SA4	ARCM118.86TL OPENV	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	NL0012273916	ARCM118.88BL OPENB	EUR	4,7350	4,7350	3,8550	2250,0000	1	3,8550	500				
Certificate	DE000VA71SC0	ARCM119.06TL OPENV	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000CE6DQ61	ARCM119.07TL OPENZ	EUR	1,7700	1,7700	1,6200	1181,0400	3	1,6200	679				
Certificate	DE000VN66VU9	ARCM119.14TL OPENV	EUR	3,7200	3,7200	2,8100	41230,0000	12	2,8100	13800				
Certificate	DE000VA71SE6	ARCM119.26TL OPENV	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	NL0012333348	ARCM119.32TL OPENH	EUR	5,6700	5,6700	4,6600			4,6600					
Certificate	DE000CX59PW1	ARCM119.47TL OPENC	EUR											
Certificate	DE000CJ3PIJ0	ARCM119.52TL OPENZ	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000VL5RUZ7	ARCM119.73TL OPENV	EUR	4,4400	4,4400	3,2600	1735,8800	6	3,2600	452				
Certificate	NL0012365415	ARCM119.74TL OPENH	EUR	5,2800	5,2800	4,2800			4,2800					
Certificate	DE000VA7TC41	ARCM119.85TL OPENV	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	NL0011526991	ARCM12.377BL OPENB	EUR	9,1300	9,1300	8,7500			8,7500					
Certificate	DE000CE6DR52	ARCM120.06TL OPENZ	EUR	1,7100	1,7100	1,1300	4797,8000	7	1,1300	3340				
Certificate	LU1573600357	ARCM120.11TCIOPENS	EUR	2,7400	3,2400	2,1700	7450,3000	9	2,1700	2580				
Certificate	DE000VN66XM2	ARCM120.16TL OPENV	EUR	2,6700	2,8500	1,7800	10951,7600	4	1,7800	4143				
Certificate	NL0012366843	ARCM120.24TL OPENH	EUR	4,8200	4,8200	3,8200			3,8200					
Certificate	DE000VA7PXT7	ARCM120.25TL OPENV	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0012276489	ARCM120.43BL OPENB	EUR	3,2000	3,4650	2,2800	121714,5000	37	2,3050	45600				
Certificate	DE000VA8F279	ARCM120.72TL OPENV	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	NL0012366835	ARCM120.75TL OPENH	EUR	4,3600	4,3600	3,3600			3,3600					
Certificate	DE000VA80J72	ARCM120.92TL OPENV	EUR											
Certificate	DE000CJ3PL07	ARCM120.95TL OPENZ	EUR											
Certificate	DE000CJ3PQQ0	ARCM120.96TL OPENZ	EUR	1,0600	1,2800	0,6900	16973,5000	12	0,6900	14800				
Certificate	DE000CJ3PMY3	ARCM121.02TL OPENZ	EUR											
Certificate	DE000CJ3PRS4	ARCM121.02TL OPENZ	EUR	1,5600	1,5600	1,0100	156,0000	1	1,0100	100				
Certificate	DE000VA80J80	ARCM121.12TL OPENV	EUR											
Certificate	LU1859911999	ARCM121.27TCIOPENS	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000VA80KB0	ARCM121.32TL OPENV	EUR											
Certificate	LU1859904432	ARCM121.47TCIOPENS	EUR											
Certificate	DE000VA80KF1	ARCM121.52TL 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	DE000VA87EV6	ARCM121.72TL OPENV	EUR											
Certificate	DE000VA8F5G3	ARCM121.78TS OPENV	EUR											
Certificate	LU1859831619	ARCM121.83TCIOPENS	EUR											
Certificate	NL0013126485	ARCM121.92TS OPENV	EUR											
Certificate	DE000VA8F5H1	ARCM121.98TS OPENV	EUR											
Certificate	DE000VA8F204	ARCM122.18TS OPENV	EUR											
Certificate	DE000VA8F220	ARCM122.38TS OPENV	EUR											
Certificate	NL0013127509	ARCM122.42TS OPENV	EUR											
Certificate	NL0013017650	ARCM122.44BS OPENV	EUR											
Certificate	DE000VA8F238	ARCM122.58TS OPENV	EUR											
Certificate	LU1784831619	ARCM122.68TL OPENS	EUR											
Certificate	DE000VA8F246	ARCM122.78TS OPENV	EUR											
Certificate	LU1859833664	ARCM122.82TCIOPENS	EUR											
Certificate	NL0013017668	ARCM122.94BS OPENV	EUR											
Certificate	DE000VA8F2B9	ARCM122.98TS OPENV	EUR											
Certificate	DE000VA8FZC7	ARCM123.18TS OPENV	EUR											
Certificate	DE000CJ3PLB3	ARCM123.28TS OPENZ	EUR											
Certificate	DE000VA8FZD5	ARCM123.38TS OPENV	EUR											
Certificate	NL0013017676	ARCM123.44BS OPENV	EUR	0,6450	0,6450	0,6450			0,6450					
Certificate	DE000VA8FXA6	ARCM123.58TS OPENV	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	LU1859830132	ARCM123.64TCIOPENS	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000VA8FXB4	ARCM123.78TS OPENV	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0013014897	ARCM123.93BS OPENV	EUR	1,1450	2,0150	0,9500	9470,0000	16	2,0150	7300				
Certificate	DE000VA8FXC2	ARCM123.98TS OPENV	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000VA8FXD0	ARCM124.18TS OPENV	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000VA1B430	ARCM124.37TL OPENV	EUR											
Certificate	DE000VA8FXE8	ARCM124.38TS OPENV	EUR	1,3500	2,2000	1,3100	804,0000	6	2,2000	600				
Certificate	DE000VA1B5A7	ARCM124.42TL OPENV	EUR											
Certificate	NL0013014905	ARCM124.43BS OPENV	EUR	1,6450	2,5150	1,6450			2,5150					
Certificate	DE000VA8FTH9	ARCM124.58TS OPENV	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	LU1841153874	ARCM124.67TCIOPENS	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	DE000CJ3PHL0	ARCM124.77TS OPENZ	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000VA8FTJ5	ARCM124.78TS OPENV	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	DE000VA1B455	ARCM124.87TL OPENV	EUR											
Certificate	DE000VA3TK37	ARCM124.87TL OPENV	EUR											
Certificate	DE000CJ3PJK8	ARCM124.88TS OPENZ	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0013014384	ARCM124.93BS OPENV	EUR	2,1350	3,0050	2,1350			3,0050					
Certificate	DE000VA3TK45	ARCM124.94TL OPENV	EUR											
Certificate	DE000VA4RML0	ARCM124.95TL OPENV	EUR											
Certificate	DE000VA8FTK3	ARCM124.98TS OPENV	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000VA8FTL1	ARCM125.18TS OPENV	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	LU1840979071	ARCM125.28TCIOPENS	EUR	2,5000	3,3500	2,3800	3399,0000	4	3,3500	1400				
Certificate	NL0013081748	ARCM125.38TS OPENV	EUR	5,0100	6,0200	5,0100			6,0200					
Certificate	DE000VA1GLK3	ARCM125.42TL OPENV	EUR											
Certificate	NL0013008931	ARCM125.43BS OPENV	EUR	2,6350	3,5050	2,6350	1932,0000	2	3,5050	600				
Certificate	LU1784828318	ARCM125.52TL OPENS	EUR											
Certificate	NL0012796890	ARCM125.85BOC12192	EUR	22,4000	22,4000	22,4000			22,4000					
Certificate	DE000VA3TJE9	ARCM125.86TS OPENV	EUR											
Certificate	DE000VA3TJC3	ARCM125.88TS OPENV	EUR											
Certificate	NL0013008949	ARCM125.92BS OPENV	EUR	3,1350	4,0050	3,1350			4,0050					
Certificate	DE000VA1SQL5	ARCM126.37TL OPENV	EUR											
Certificate	LU1840911355	ARCM126.39TCIOPENS	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	NL0013006216	ARCM126.42BS OPENV	EUR	3,6350	4,5050	3,6350			4,5050					
Certificate	DE000CX59XR5	ARCM126.77TS OPENC	EUR											
Certificate	DE000CJ3N427	ARCM126.77TS OPENZ	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000VA3TEH3	ARCM126.86TL OPENV	EUR											
Certificate	DE000CF50UK2	ARCM126.87TS OPENC	EUR											
Certificate	NL0012907935	ARCM126.87TS OPENV	EUR	6,6600	7,6800	6,6600			7,6800					
Certificate	DE000CX59V87	ARCM126.88TS OPENC	EUR											
Certificate	NL0013005150	ARCM126.92BS OPENV	EUR	4,1250	4,9950	4,1250			4,9950					
Certificate	LU1840911439	ARCM127.37TCIOPENS	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	NL0013004013	ARCM127.41BS OPENV	EUR	4,6150	5,4850	4,6150			5,4850					
Certificate	DE000VA6AX09	ARCM127.81TS OPENV	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	DE000CJ3N1H6	ARCM127.88TS OPENZ	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	DE000VA3TEM3	ARCM127.89TS OPENV	EUR											
Certificate	NL0012988471	ARCM127.91BS OPENV	EUR	5,1150	5,9850	5,1150			5,9850					
Certificate	NL0012936702	ARCM127.94TS OPENV	EUR	7,8600	8,8700	7,8600			8,8700					
Certificate	DE000VA6T2E1	ARCM128.02TS OPENV	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	DE000VA5EMZ5	ARCM128.27TS OPENV	EUR	7,3900	7,3900	7,3900			7,3900					
Certificate	NL0012917215	ARCM128.36TS OPENV	EUR	8,3200	9,3400	8,3200			9,3400					
Certificate	DE000VA3KN66	ARCM128.39TS OPENV	EUR	5,7500	5,9700	5,7450	575,0000	1	5,9700	100				
Certificate	DE000VA6T2F8	ARCM128.42TS OPENV	EUR	6,1700	6,1700	6,1700			6,1700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1790568957	ARCM12.66TPIOPENS	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	DE000CV89K03	ARCM128.76TS OPENZ	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	NL0012917207	ARCM128.86TS OPENH	EUR	8,8700	9,8900	8,8700			9,8900					
Certificate	DE000VA3ECM9	ARCM128.86TS OPENV	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	NL0012970453	ARCM128.89BS OPENB	EUR	6,0950	6,9650	6,0950			6,9650					
Certificate	DE000VA3ECL1	ARCM128.89TS OPENV	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	DE000VAGEFW4	ARCM128.94TS OPENV	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	DE000VA2T8B8	ARCM129.36TS OPENV	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	NL0012792279	ARCM129.37BS OPENB	EUR	6,5850	7,4550	6,5850			7,4550					
Certificate	NL0012912018	ARCM129.39TS OPENH	EUR	9,4500	10,4700	9,4500			10,4700					
Certificate	DE000VA2T786	ARCM129.41TS OPENV	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	DE000VAGT2G6	ARCM129.42TS OPENV	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	LU1790010802	ARCM129.55TPIOPENS	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	NL0012862486	ARCM129.77TS OPENH	EUR	9,8900	10,9000	9,8900			10,9000					
Certificate	NL0012792287	ARCM129.86BS OPENB	EUR	7,0750	7,9450	7,0750			7,9450					
Certificate	DE000VA15RY3	ARCM129.88TS OPENV	EUR	8,9200	8,9200	8,9200			8,9200					
Certificate	DE000VA15RW7	ARCM129.94TS OPENV	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	DE000VAGEF04	ARCM129.94TS OPENV	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	DE000CN6HKA1	ARCM13.238TL OPENZ	EUR	6,3350	6,3350	6,3350			6,3350					
Certificate	NL0011525878	ARCM13.631BL OPENB	EUR	8,5900	8,5900	8,2100			8,2100					
Certificate	NL0012862478	ARCM130.27TS OPENH	EUR	10,4300	11,4500	10,4300			11,4500					
Certificate	NL0012700629	ARCM130.35BS OPENB	EUR	7,5650	8,4350	7,5650			8,4350					
Certificate	DE000VA15RZ0	ARCM130.38TS OPENV	EUR	9,4400	9,4400	9,4400			9,4400					
Certificate	DE000VAGT2H4	ARCM130.42TS OPENV	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	DE000VA15RX5	ARCM130.44TS OPENV	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	DE000CV892T2	ARCM130.75TS OPENZ	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	NL0012556054	ARCM130.86TS OPENH	EUR	11,0900	12,1100	11,0900			12,1100					
Certificate	DE000VAGEF46	ARCM130.94TS OPENV	EUR	8,6800	8,6800	8,6800			8,6800					
Certificate	NL0012581565	ARCM130.96TS OPENH	EUR	11,2000	12,2200	11,2000			12,2200					
Certificate	DE000VA1GLG1	ARCM131.03TS OPENV	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	LU1784828664	ARCM131.19TS OPENS	EUR											
Certificate	DE000CV428W0	ARCM131.38TS OPENZ	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	DE000VL2FXK6	ARCM131.43TS OPENV	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	DE000VA1SQD2	ARCM131.53TS OPENV	EUR	10,4800	10,4800	10,4800			10,4800					
Certificate	DE000VAGEF79	ARCM131.54TS OPENV	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	DE000VA187H8	ARCM131.64TS OPENV	EUR	8,9600	8,9600	8,9600			8,9600					
Certificate	DE000VAGEGA8	ARCM131.74TS OPENV	EUR	9,4800	9,4800	9,4800			9,4800					
Certificate	NL0012559850	ARCM131.85TS OPENH	EUR	12,2000	13,2200	12,2000			13,2200					
Certificate	DE000VAGEGE0	ARCM131.94TS OPENV	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	DE000VA15QF7	ARCM132.03TS OPENV	EUR	11,0000	11,0000	11,0000			11,0000					
Certificate	DE000VAGT2J0	ARCM132.42TS OPENV	EUR	10,1600	10,1600	10,1600			10,1600					
Certificate	DE000VA15RF5	ARCM132.53TS OPENV	EUR	11,5300	11,5300	11,5300			11,5300					
Certificate	DE000CV428F5	ARCM132.75TS OPENZ	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	DE000VLSRY53	ARCM132.83TS OPENV	EUR	9,8900	9,8900	9,8900			9,8900					
Certificate	NL0012904619	ARCM132.89TS OPENH	EUR	13,3500	14,3700	13,3500			14,3700					
Certificate	DE000VAGTYR3	ARCM132.93TS OPENV	EUR	10,6700	10,6700	10,6700			10,6700					
Certificate	DE000VA15RG3	ARCM133.03TS OPENV	EUR	12,0400	12,0400	12,0400			12,0400					
Certificate	DE000VA15P76	ARCM133.11TS OPENV	EUR	10,4300	10,4300	10,4300			10,4300					
Certificate	DE000VAGTYT9	ARCM133.13TS OPENV	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	NL0012547541	ARCM133.19TS OPENH	EUR	13,6900	14,7100	13,6900			14,7100					
Certificate	DE000VAGTYV5	ARCM133.33TS OPENV	EUR	11,0700	11,0700	11,0700			11,0700					
Certificate	DE000VA15RH1	ARCM133.53TS OPENV	EUR	12,5600	12,5600	12,5600			12,5600					
Certificate	DE000VAGT0Z0	ARCM133.93TS OPENV	EUR	11,6800	11,6800	11,6800			11,6800					
Certificate	LU1784828581	ARCM134.02TS OPENS	EUR											
Certificate	DE000VAGT001	ARCM134.13TS OPENV	EUR	11,8800	11,8800	11,8800			11,8800					
Certificate	DE000VLR830	ARCM134.29TS OPENV	EUR	11,3900	11,3900	11,3900			11,3900					
Certificate	DE000VAGT019	ARCM134.33TS OPENV	EUR	12,0800	12,0800	12,0800			12,0800					
Certificate	DE000VA12FW0	ARCM134.48TS OPENV	EUR	13,6000	13,6000	13,6000			13,6000					
Certificate	NL0012847156	ARCM134.67TS OPENH	EUR	15,3300	16,3400	15,3300			16,3400					
Certificate	NL0012556047	ARCM134.78TS OPENH	EUR	15,4500	16,4700	15,4500			16,4700					
Certificate	DE000VA15L94	ARCM134.98TS OPENV	EUR	14,1300	14,1300	14,1300			14,1300					
Certificate	DE000VA15MA4	ARCM135.48TS OPENV	EUR	14,6500	14,6500	14,6500			14,6500					
Certificate	DE000CV4ZJ52	ARCM135.75TS OPENZ	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	DE000VA15MB2	ARCM135.98TS OPENV	EUR	15,1700	15,1700	15,1700			15,1700					
Certificate	NL0012556039	ARCM136.74TS OPENH	EUR	17,6300	18,6500	17,6300			18,6500					
Certificate	NL0011523022	ARCM14.884BL OPENB	EUR	8,0400	8,0400	7,6600			7,6600					
Certificate	NL0011435698	ARCM16.137BL OPENB	EUR	7,5150	7,5150	7,1350			7,1350					
Certificate	DE000CN6K8W2	ARCM17.765TL OPENZ	EUR	4,8350	4,8350	4,8350			4,8350					
Certificate	NL0011657093	ARCM19.888BL OPENB	EUR	5,8900	5,8900	5,5100			5,5100					
Certificate	DE000CJ3NTB1	ARGX 48.9TL OPENZ	EUR	1,9600	1,9600	1,9100	12765,5000	5	1,9450	6650				
Certificate	DE000CJ3N3H2	ARGX 30.58TL OPENZ	EUR	2,7950	2,7950	2,7950			2,7950					
Certificate	DE000CJ3NVE1	ARGX 35.08TL OPENZ	EUR	2,5850	2,5850	2,5850			2,5850					



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	DE000CJ3NSJ6	ARGX 40.48TL OPENZ	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	NL0013008634	ARGX 42.67BL OPENB	EUR	4,2050	4,2750	4,2050			4,2750					
Certificate	DE000CJ3NTA3	ARGX 43.02TL OPENZ	EUR	2,2100	2,2250	2,1600	7806,0000	2	2,2250	3600				
Certificate	DE000CV88DJ7	ARGX 45.55TL OPENZ	EUR	2,0300	2,1050	2,0300	5075,0000	2	2,1050	2500				
Certificate	NL0013005069	ARGX 47.67BL OPENB	EUR	3,7050	3,7750	3,6550	2576,0000	1	3,7750	700				
Certificate	DE000CV88DK5	ARGX 51.41TL OPENZ	EUR	1,7500	1,8600	1,7500	50165,1000	17	1,8250	27830				
Certificate	NL0013001688	ARGX 52.69BL OPENB	EUR	3,2050	3,2950	3,1000	12347,5000	9	3,2750	3880				
Certificate	DE000CJ3N8U4	ARGX 56.41TL OPENZ	EUR	1,5300	1,5950	1,5300	459,0000	1	1,5950	300				
Certificate	NL0013010531	ARGX 57.69BL OPENB	EUR	2,7050	2,7750	2,7050			2,7750					
Certificate	DE000CJ3P8Z5	ARGX 61.41TL OPENZ	EUR	1,3700	1,3700	1,2900	108949,6800	22	1,3650	84296				
Certificate	NL0013013212	ARGX 62.69BL OPENB	EUR	2,2050	2,2750	2,1150	4755,0000	3	2,2750	2200				
Certificate	DE000CJ3PV62	ARGX 67.75TL OPENZ	EUR	1,0200	1,0750	1,0200	91800,0000	19	1,0750	90000				
Certificate	DE000CJ3PV70	ARGX 73.75TL OPENZ	EUR	0,8000	0,8200	0,7400	18671,0000	7	0,7950	24250				
Certificate	NL0013000458	ARGX 77.17BS OPENB	EUR											
Certificate	NL0012999007	ARGX 87.12BS OPENB	EUR	0,5150	0,5150	0,4400	66,0000	1	0,4450	150				
Certificate	NL0012998157	ARGX 97.07BS OPENB	EUR	1,5150	1,5150	1,4450			1,4450					
Certificate	NL0010011102	ASCX 240TL OPENB	EUR	73,0200	73,5300	72,5950	41364,7500	11	72,9550	565				
Certificate	NL0010651907	ASMI 19TL OPENB	EUR	26,2500	26,2500	24,0500			24,0500					
Certificate	NL0011410824	ASMI 21TL OPENH	EUR	24,0000	24,0000	21,8700			21,8700					
Certificate	DE000CP06ZB1	ASMI 32TL OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CP06W72	ASMI 32TL OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0011990874	ASMI 32TL OPENH	EUR	13,8400	13,8400	11,7100			11,7100					
Certificate	NL0011991294	ASMI 33TL OPENH	EUR	12,8900	12,8900	10,6800	2670,0000	1	10,7600	250				
Certificate	DE000CP06ZC9	ASMI 34TL OPENC	EUR	1,1500	1,1500	0,9900	1150,0000	1	0,9900	1000				
Certificate	DE000CP06W80	ASMI 34TL OPENC	EUR	0,8500	0,8500	0,8100	85,0000	1	0,8100	100				
Certificate	DE000CQ5BYR8	ASMI 42TS OPENC	EUR											
Certificate	DE000CP06ZE5	ASMI 44TS OPENC	EUR											
Certificate	DE000CQ5BYS6	ASMI 44TS OPENC	EUR											
Certificate	DE000CP06WA0	ASMI 45TS OPENC	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000CQ5AUC0	ASMI 46TL OPENC	EUR											
Certificate	DE000CP06WB8	ASMI 46TS OPENC	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	DE000CP06ZF2	ASMI 46TS OPENC	EUR	0,6300	0,8000	0,6300	0,6300	1	0,8000	1				
Certificate	DE000CQ5ASE0	ASMI 48TL OPENC	EUR											
Certificate	DE000CQ5AUD8	ASMI 48TL OPENC	EUR											
Certificate	DE000CP06ZG0	ASMI 48TS OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CP06WC6	ASMI 48TS OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CQ5BDU6	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	28,7900	30,9800	28,7900			30,9800					
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	38,9600	38,9600	38,9600			38,9600					
Certificate	DE000CR9RJK1	ASMI 24.TL OPENZ	EUR	18,7400	18,7400	17,4800			17,4800					
Certificate	NL0010012670	ASMI 11.8TL OPENB	EUR	30,5600	30,5600	30,5600			30,5600					
Certificate	NL0010606000	ASMI 16.5TL OPENB	EUR	26,2700	26,2700	26,2700			26,2700					
Certificate	NL0011044318	ASMI 18.7TL OPENH	EUR	26,1000	26,1000	24,0100			24,0100					
Certificate	NL0010896023	ASMI 21.3TL OPENB	EUR	24,1300	24,1300	21,9100			21,9100					
Certificate	NL0011410816	ASMI 21.6TL OPENH	EUR	23,5100	23,5100	21,3800			21,3800					
Certificate	NL0011410808	ASMI 22.6TL OPENH	EUR	22,5300	22,5300	20,4000			20,4000					
Certificate	NL0011441332	ASMI 24.6TL OPENB	EUR	21,1600	21,1600	18,9400	62340,0000	3	18,9400	3000				
Certificate	NL0011731674	ASMI 25.7TL OPENH	EUR	19,6200	19,6200	17,4900			17,4900					
Certificate	NL0011443866	ASMI 26.2TL OPENB	EUR	19,7500	19,7500	17,5300			17,5300					
Certificate	NL0011720602	ASMI 27.8TL OPENH	EUR	17,7400	17,7400	15,6100			15,6100					
Certificate	NL0011971551	ASMI 28.9TL OPENH	EUR	16,7300	16,7300	14,6000			14,6000					
Certificate	NL0011975602	ASMI 29.7TL OPENH	EUR	15,9000	15,9000	13,7700			13,7700					
Certificate	NL0011976006	ASMI 30.8TL OPENH	EUR	14,9400	14,9400	12,8100			12,8100					
Certificate	NL0012026793	ASMI 30.9TL OPENB	EUR	15,4100	15,4100	13,1900	28300,0000	4	13,1900	2000				
Certificate	DE000CD63294	ASMI 32.3TL OPENZ	EUR	10,4800	10,4800	9,2300			9,2300					
Certificate	NL0012028435	ASMI 32.5TL OPENB	EUR	14,0200	14,0200	11,8000	12010,0000	1	11,8000	1000				
Certificate	NL0012039994	ASMI 34.1TL OPENB	EUR	12,5700	12,5700	10,3500			10,3500					
Certificate	NL0011992797	ASMI 34.1TL OPENH	EUR	11,8500	11,8500	9,7100	867,7500	1	9,7100	75				
Certificate	NL0013145774	ASMI 35.1TL OPENB	EUR	11,6000	11,6000	9,3800			9,3800					
Certificate	NL0013128168	ASMI 35.9TL OPENH	EUR	10,2200	10,2200	8,0900			8,0900					
Certificate	DE000CJ3PVE6	ASMI 36.3TL OPENZ	EUR	1,1500	1,1500	1,0600	1150,0000	1	1,0600	1000				
Certificate	NL0013125552	ASMI 37.8TS OPENH	EUR											
Certificate	NL0013015977	ASMI 38.1TS OPENB	EUR											
Certificate	DE000CJ3PVF3	ASMI 38.3TL OPENZ	EUR	0,7500	0,7500	0,6700	4260,0000	3	0,6700	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	DE000CJ3PVG1	ASMI 40.3TL OPENZ	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	NL0013129653	ASMI 40.8TL OPENH	EUR	5,5800	5,5800	3,4400			3,4400					
Certificate	NL0013086051	ASMI 40.8TS OPENH	EUR											
Certificate	NL0013015530	ASMI 41.1TS OPENB	EUR											
Certificate	DE000CJ3PHM8	ASMI 42.3TS OPENZ	EUR											
Certificate	NL0013005515	ASMI 44.1TS OPENB	EUR											
Certificate	NL0012905848	ASMI 45.7TS OPENH	EUR	6,0900	8,1800	6,0900			8,1800					
Certificate	NL0012796502	ASMI 46.5BOC1219Z	EUR	40,2500	40,2500	40,2500			40,2500					
Certificate	NL0012974182	ASMI 47.1TS OPENB	EUR	8,8700	11,0500	8,8700	3109,3000	2	11,0500	305				
Certificate	NL0012987911	ASMI 47.6TS OPENB	EUR	9,4700	11,6600	9,4700			11,6600					
Certificate	NL0012936116	ASMI 47.7TS OPENH	EUR	8,1700	10,2500	8,1700			10,2500					
Certificate	NL0012918544	ASMI 48.7TS OPENH	EUR	9,2700	11,3600	9,2700			11,3600					
Certificate	NL0012795678	ASMI 49.5BOC0619Z	EUR	39,3600	39,3600	39,3600			39,3600					
Certificate	NL0012795686	ASMI 49.5BOC0919Z	EUR	41,9300	41,9300	41,9300			41,9300					
Certificate	NL0012936595	ASMI 49.7TS OPENH	EUR	10,3200	12,4100	10,3200			12,4100					
Certificate	NL0012918536	ASMI 50.7TS OPENH	EUR	11,4000	13,5000	11,4000			13,5000					
Certificate	NL0012611909	ASMI 52.7TS OPENH	EUR	13,6100	15,7100	13,6100			15,7100					
Certificate	NL0012608467	ASMI 54.7TS OPENH	EUR	15,7100	17,8100	15,7100			17,8100					
Certificate	NL0012598320	ASMI 56.6TS OPENH	EUR	17,8200	19,9200	17,8200			19,9200					
Certificate	NL0012585178	ASMI 60.4TS OPENH	EUR	21,8600	23,9600	21,8600			23,9600					
Certificate	NL0012536437	ASMI 61.7TS OPENH	EUR	23,3000	25,4000	23,3000			25,4000					
Certificate	NL0012242044	ASMI 64.3TS OPENH	EUR	26,1300	28,2300	26,1300			28,2300					
Certificate	NL0012537476	ASMI 73.4TS OPENH	EUR	35,9800	38,0800	35,9800			38,0800					
Certificate	DE000CN6F9B1	ASMI 28.77TL OPENZ	EUR	13,9800	13,9800	12,7200	1348,0000	1	12,7200	100				
Certificate	NL0013017544	ASMI 29.28BL OPENB	EUR	1,4650	1,4650	1,2450	280,0000	1	1,2450	200				
Certificate	LU1859831700	ASMI 30.27TCIOPENS	EUR	11,5900	11,5900	11,5900			11,5900					
Certificate	DE000CN6FDO6	ASMI 30.33TL OPENZ	EUR	12,4200	12,4200	11,1600			11,1600					
Certificate	NL0013014764	ASMI 31.29BL OPENB	EUR	1,2650	1,2650	1,0450	1080,0000	1	1,0450	1000				
Certificate	NL0013007586	ASMI 33.29BL OPENB	EUR	1,0650	1,0650	0,8450	39049,0000	7	0,8450	38700				
Certificate	LU1859845247	ASMI 33.45TCIOPENS	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	DE000CJ3PL15	ASMI 34.29TL OPENZ	EUR	1,8000	1,8000	1,4500	2337,0000	2	1,4500	1300				
Certificate	LU1790438748	ASMI 34.64TCIOPENS	EUR											
Certificate	LU1859912021	ASMI 35.34TCIOPENS	EUR	7,9000	7,9000	6,6800	1583,0000	4	6,6800	220				
Certificate	DE000CJ3PUV2	ASMI 36.29TL OPENZ	EUR											
Certificate	LU1859831882	ASMI 36.32TCIOPENS	EUR											
Certificate	NL0013014913	ASMI 38.63BS OPENB	EUR											
Certificate	DE000CJ3PLC1	ASMI 38.81TS OPENZ	EUR											
Certificate	LU1859830215	ASMI 40.36TCIOPENS	EUR											
Certificate	LU1859913698	ASMI 41.24TCIOPENS	EUR	2,7900	2,7900	2,7900	47,4300	1	2,7900	17				
Certificate	NL0013013857	ASMI 42.62BS OPENB	EUR											
Certificate	LU1859913771	ASMI 42.92TCIOPENS	EUR											
Certificate	DE000CJ3NZ45	ASMI 45.79TS OPENZ	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0012994826	ASMI 46.61BS OPENB	EUR	0,3650	0,5850	0,3650			0,5850					
Certificate	LU1790510876	ASMI 47.85TCIOPENS	EUR	7,8800	7,8800	7,8800			7,8800					
Certificate	NL0012795348	ASMI 48.67BOC0319Z	EUR	48,5400	48,5400	48,5400			48,5400					
Certificate	NL0012795330	ASMI 48.67BOC1218Z	EUR	44,7800	44,8000	44,5100	22400,0000	1	44,5100	500				
Certificate	DE000CV89L44	ASMI 49.76TS OPENZ	EUR	1,4800	1,7400	1,3900	5965,2000	8	1,7400	4130				
Certificate	NL0012994420	ASMI 50.58BS OPENB	EUR	0,7550	0,9750	0,7550			0,9750					
Certificate	LU1859913185	ASMI 53.02TCIOPENS	EUR	12,8100	12,8100	12,8100			12,8100					
Certificate	DE000CV88G67	ASMI 53.75TS OPENZ	EUR	2,3100	2,5300	2,3100	57,7500	1	2,5300	25				
Certificate	DE000CF6CHG6	ASMI 57.72TS OPENZ	EUR	3,0900	3,3200	3,0900	2529,0000	3	3,3200	800				
Certificate	LU1719442797	ASMI 68.95TCIOPENS	EUR											
Certificate	DE000CF6BQQ8	ASMLH LEVOPENZ	EUR	75,6600	81,8750	69,9500	125562,0700	33	70,7700	1598				
Certificate	DE000CF6BQF1	ASMLH SHROPENZ	EUR	2,0130	2,2070	2,0130	201,3000	1	2,2070	100				
Certificate	NL0009261080	ASMLH 17TL OPENB	EUR	137,4200	137,4200	137,4200			137,4200					
Certificate	NL0011413372	ASMLH 33TL OPENH	EUR	12,5200	12,5200	12,2400			12,2400					
Certificate	NL0010893483	ASMLH 69TL OPENB	EUR	91,6100	91,6100	89,0100			89,0100					
Certificate	DE000CW42KK5	ASMLH 70TL OPENC	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	DE000CW42P86	ASMLH 70TL OPENC	EUR	8,7700	8,7700	8,7700			8,7700					
Certificate	NL0011712799	ASMLH 77TL OPENH	EUR	8,4300	8,4300	8,1400			8,1400					
Certificate	DE000CX01ZB6	ASMLH 80TL OPENC	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	DE000CX599D5	ASMLH 90TL OPENC	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	NL0012099741	ASMLH 97TL OPENB	EUR	65,5900	65,5900	62,9900			62,9900					
Certificate	NL0012100457	ASMLH 99TL OPENB	EUR	63,6700	63,6700	61,0700			61,0700					
Certificate	DE000CY16X86	ASMLH 100TL OPENC	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	DE000CY502D8	ASMLH 100TL OPENC	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	DE000CY0AU62	ASMLH 110TL OPENC	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	DE000CY0ARY1	ASMLH 110TL OPENC	EUR	4,3800	4,3900	4,3600	1752,0000	1	4,3600	400				
Certificate	DE000CY50WU8	ASMLH 115TL OPENC	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	DE000CY50UF3	ASMLH 115TL OPENC	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000CY50NC5	ASMLH 120TL OPENC	EUR	3,9000	3,9000	3,9000			3,9000					
Certificate	DE000CY50N28	ASMLH 120TL OPENC	EUR	3,5900	3,7800	3,3000	10412,0200	4	3,3000	2800				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV8BCH2	ASMLH 123TL 1218Z	EUR	3,0750	3,0750	3,0750			3,0750					
Certificate	DE000VA71U0T	ASMLH 125TL 0319V	EUR	2,8550	2,8550	2,8550			2,8550					
Certificate	DE000CY50WV6	ASMLH 125TL OPENC	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000CY50UG1	ASMLH 125TL OPENC	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000VA71P34	ASMLH 130TL 0319V	EUR	2,3550	2,3550	2,3550			2,3550					
Certificate	DE000VA8FYT4	ASMLH 130TL 1218V	EUR	2,3550	2,3550	2,3550			2,3550					
Certificate	DE000CY51BS4	ASMLH 130TL OPENC	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CY51A30	ASMLH 130TL OPENC	EUR	2,7600	2,7600	2,3100	3920,0000	3	2,3100	1500				
Certificate	DE000CV8BEM8	ASMLH 133TL 1218Z	EUR	2,3100	2,5000	2,0000	9927,5000	4	2,0850	4500				
Certificate	DE000VA77D16	ASMLH 135TL 0319V	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	DE000VA71US2	ASMLH 135TL 1218V	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	DE000CY51GN4	ASMLH 135TL OPENC	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000CY51JU3	ASMLH 135TL OPENC	EUR	2,1500	2,1500	1,8100	434,2400	2	1,8100	202				
Certificate	DE000VA8F2J4	ASMLH 140TL 0319V	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000VA8F2G0	ASMLH 140TL 1218V	EUR	1,6200	1,8450	1,3600	21361,6800	9	1,3950	14018				
Certificate	DE000CQ58YT4	ASMLH 140TL OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	NL0013127194	ASMLH 140TL OPENH	EUR	2,5600	2,5600	2,2800			2,2800					
Certificate	DE000VA80H33	ASMLH 145TL 0319V	EUR											
Certificate	DE000VA80H25	ASMLH 145TL 1218V	EUR											
Certificate	NL0013128176	ASMLH 145TL OPENH	EUR	2,1000	2,1000	1,8200			1,8200					
Certificate	DE000CP06KF4	ASMLH 150TL OPENC	EUR											
Certificate	DE000VA8FY56	ASMLH 150TS 0319V	EUR											
Certificate	DE000VA8FYU2	ASMLH 150TS 1218V	EUR											
Certificate	NL0012494520	ASMLH 151BOC1218B	EUR	150,1000	150,1000	149,9500			149,9500					
Certificate	DE000VA8FV68	ASMLH 155TS 0319V	EUR											
Certificate	DE000VA8FV84	ASMLH 155TS 1218V	EUR											
Certificate	DE000VA8FSH1	ASMLH 160TS 0319V	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	DE000VA8FSJ7	ASMLH 160TS 1218V	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	DE000CQ58YU2	ASMLH 160TS OPENC	EUR	0,6600	0,8200	0,5300	2844,0000	3	0,8200	4800				
Certificate	NL0012796908	ASMLH 161BOC0619Z	EUR	152,9700	152,9700	152,9700			152,9700					
Certificate	DE000CQ58006	ASMLH 165TL OPENC	EUR											
Certificate	DE000VA710Z5	ASMLH 165TS 0319V	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000CQ58YV0	ASMLH 165TS OPENC	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0012648760	ASMLH 166BON0619Z	EUR	156,0900	156,0900	156,0900			156,0900					
Certificate	NL0012676258	ASMLH 168BOC1218B	EUR	165,1000	165,1000	164,5000			164,5000					
Certificate	NL0012796924	ASMLH 168BOC1219Z	EUR	152,9000	152,9000	152,9000			152,9000					
Certificate	DE000VA6D9W6	ASMLH 168TS 1218V	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	NL0012648299	ASMLH 170BOC1218Z	EUR	167,0700	167,0700	167,0700			167,0700					
Certificate	DE000CQ58DX0	ASMLH 170TL OPENC	EUR											
Certificate	DE000CQ58F95	ASMLH 170TL OPENC	EUR											
Certificate	DE000VA7PUQ9	ASMLH 170TS 0319V	EUR	1,8050	1,8050	1,8050			1,8050					
Certificate	DE000VA6D6P6	ASMLH 170TS 1218V	EUR	1,5000	1,7850	1,5000	825,0000	2	1,7850	550				
Certificate	DE000CP067S1	ASMLH 170TS OPENC	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000CP06743	ASMLH 170TS OPENC	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000VA6D6Q4	ASMLH 172TS 1218V	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	DE000VA6D6R2	ASMLH 174TS 1218V	EUR	2,1850	2,1850	2,1850			2,1850					
Certificate	DE000CJ3N2P7	ASMLH 174TS 1218Z	EUR	2,1950	2,1950	2,1950			2,1950					
Certificate	DE000VA7PUR7	ASMLH 175TS 0319V	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	DE000CP06750	ASMLH 175TS OPENC	EUR	2,1700	2,2700	2,1700	868,0000	1	2,2700	400				
Certificate	NL0012648307	ASMLH 176BOC0619Z	EUR	164,7150	164,7150	164,7150			164,7150					
Certificate	NL0012648992	ASMLH 176BOC1218Z	EUR	170,6300	170,6300	170,6300			170,6300					
Certificate	DE000VA6D6S0	ASMLH 176TS 1218V	EUR	2,3850	2,3850	2,3850			2,3850					
Certificate	NL0012796338	ASMLH 178BOC0919Z	EUR	154,6200	154,6200	154,6200			154,6200					
Certificate	DE000VA6D6G5	ASMLH 178TS 1218V	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	DE000VA7PUS5	ASMLH 180TS 0319V	EUR	2,8050	2,8050	2,8050			2,8050					
Certificate	DE000VASRG09	ASMLH 180TS 1218V	EUR	2,7850	2,7850	2,7850			2,7850					
Certificate	DE000CQ58UV8	ASMLH 180TS OPENC	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	DE000CQ58T16	ASMLH 180TS OPENC	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000VASRG25	ASMLH 182TS 1218V	EUR	2,9850	2,9850	2,9850			2,9850					
Certificate	NL0012795314	ASMLH 185BOC0319Z	EUR	164,2150	164,2150	164,2150			164,2150					
Certificate	NL0013003221	ASMLH 185BOC0919B	EUR	155,0000	156,3000	152,9000	70155,0000	1	152,9000	450				
Certificate	DE000VA7PUT3	ASMLH 185TS 0319V	EUR	3,3050	3,3050	3,3050			3,3050					
Certificate	DE000VASR879	ASMLH 185TS 1218V	EUR	3,2850	3,2850	3,2850			3,2850					
Certificate	DE000CP060A4	ASMLH 185TS OPENC	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	NL0012796346	ASMLH 187BOC1219Z	EUR	153,7900	153,7900	153,7900			153,7900					
Certificate	NL0012649008	ASMLH 188BOC0619Z	EUR	164,8800	164,8800	164,8800			164,8800					
Certificate	DE000VA4YS72	ASMLH 188TS 1218V	EUR											
Certificate	DE000VA5ENX8	ASMLH 188TS 1218V	EUR	3,5850	3,5850	3,5850			3,5850					
Certificate	DE000VA7PUU1	ASMLH 190TS 0319V	EUR	3,8050	3,8050	3,8050			3,8050					
Certificate	DE000VA4YNP5	ASMLH 190TS 1218V	EUR	3,7850	3,7850	3,7850			3,7850					
Certificate	DE000CY51UR6	ASMLH 190TS OPENC	EUR											
Certificate	DE000CQ58T24	ASMLH 190TS 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	DE000CQ58HK8	ASMLH 190TS OPENC	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	DE000CY521W8	ASMLH 190TS OPENC	EUR											
Certificate	DE000VA4YNQ3	ASMLH 192TS 1218V	EUR	3,9850	3,9850	3,9850				3,9850				
Certificate	DE000VA4YNR1	ASMLH 194TS 1218V	EUR	4,1850	4,1850	4,1850				4,1850				
Certificate	DE000CV8B9A8	ASMLH 194TS 1218Z	EUR	4,1850	4,1850	4,1850				4,1850				
Certificate	NL0012795561	ASMLH 196BOC0919Z	EUR	157,0400	157,0400	157,0400				157,0400				
Certificate	DE000VA4YN85	ASMLH 196TS 1218V	EUR	4,3850	4,3850	4,3850				4,3850				
Certificate	DE000VA4YN93	ASMLH 198TS 1218V	EUR	4,5850	4,5850	4,5850				4,5850				
Certificate	NL0012987309	ASMLH 200BOC0619B	EUR	163,3000	163,3000	160,3000				160,3000				
Certificate	DE000VA4YPA2	ASMLH 200TS 1218V	EUR	4,7850	4,7850	4,7850				4,7850				
Certificate	DE000CY52M19	ASMLH 200TS OPENC	EUR	5,3700	5,3700	5,3700				5,3700				
Certificate	DE000CY51X58	ASMLH 200TS OPENC	EUR	4,3100	4,3100	4,3100				4,3100				
Certificate	DE000CQ58030	ASMLH 200TS OPENC	EUR	4,6600	4,6600	4,6600				4,6600				
Certificate	DE000VA4YPB0	ASMLH 202TS 1218V	EUR	4,9850	4,9850	4,9850				4,9850				
Certificate	DE000CQ58DZ5	ASMLH 205TS OPENC	EUR	5,1700	5,1700	5,1700				5,1700				
Certificate	DE000CQ5ACP0	ASMLH 210TS OPENC	EUR	5,4500	5,4500	5,4500				5,4500				
Certificate	DE000CV8AB63	ASMLH 214TS 1218Z	EUR	6,1800	6,1800	6,1800				6,1800				
Certificate	DE000CQ582D0	ASMLH 220TS OPENC	EUR	7,5100	7,5100	7,5100				7,5100				
Certificate	DE000CQ58048	ASMLH 220TS OPENC	EUR	6,6500	6,6500	6,6500				6,6500				
Certificate	DE000CQ58E05	ASMLH 230TS OPENC	EUR	7,6500	7,6500	7,6500				7,6500				
Certificate	DE000CV8AB71	ASMLH 234TS 1218Z	EUR	8,1800	8,1800	8,1800				8,1800				
Certificate	DE000VL2FR59	ASMLH 111.TL OPENV	EUR	4,1350	4,1350	4,1350				4,1350				
Certificate	LU1573600514	ASMLH 115.TCIOPENS	EUR	4,0800	4,0800	3,6800	408,0000	1	3,6800	100				
Certificate	DE000VL2FSP4	ASMLH 127.TL OPENV	EUR	2,8700	2,8750	2,5050	120,5400	1	2,5050	42				
Certificate	DE000VL2FTL1	ASMLH 129.TL OPENV	EUR	2,6700	2,8050	2,3000	1641,5000	3	2,3050	630				
Certificate	DE000VL2FTM9	ASMLH 131.TL OPENV	EUR	2,1050	2,1050	2,1050				2,1050				
Certificate	NL0012495360	ASMLH 137.BL OPENB	EUR	20,3200	21,7900	17,7200	147424,9500	18	17,7200	7265				
Certificate	NL0013018336	ASMLH 142.BL OPENB	EUR	1,5500	1,7500	1,1950	17887,9000	21	1,2950	12650				
Certificate	LU1859904515	ASMLH 144.TCIOPENS	EUR	0,9900	0,9900	0,9900				0,9900				
Certificate	DE000VA80KM7	ASMLH 147.TL OPENV	EUR											
Certificate	LU1841153957	ASMLH 158.TPIOPENS	EUR	0,2700	0,3000	0,1100	406,3700	4	0,1100	2073				
Certificate	DE000VA3TK60	ASMLH 166.TL OPENV	EUR											
Certificate	LU1817217232	ASMLH 169.TPIOPENS	EUR	1,5900	1,5900	1,5900				1,5900				
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	136,1900	136,1900	136,1900				136,1900				
Certificate	DE000VASRGPO	ASMLH 180.TS OPENV	EUR	2,6650	2,6650	2,6650				2,6650				
Certificate	DE000VASRGQ8	ASMLH 182.TS OPENV	EUR	2,8650	2,8650	2,8650				2,8650				
Certificate	LU1816971995	ASMLH 184.TPIOPENS	EUR	3,0400	3,0400	3,0400				3,0400				
Certificate	NL0010013769	ASMLH 32.5TL OPENB	EUR	122,9800	122,9800	122,9800				122,9800				
Certificate	NL0011040100	ASMLH 41.2TL OPENH	EUR	11,7500	11,7500	11,4700				11,4700				
Certificate	NL0010249538	ASMLH 42.5TL OPENB	EUR	113,6400	113,6400	113,6400				113,6400				
Certificate	NL0010283610	ASMLH 46.7TL OPENB	EUR	112,2800	112,2800	109,7300				109,7300				
Certificate	NL0010376752	ASMLH 49.3TL OPENB	EUR	107,2900	107,2900	107,2900				107,2900				
Certificate	NL0011039334	ASMLH 51.9TL OPENH	EUR	10,7600	10,7600	10,4800				10,4800				
Certificate	NL0010378121	ASMLH 52.3TL OPENB	EUR	104,5500	104,5500	104,5500				104,5500				
Certificate	NL0010379350	ASMLH 54.8TL OPENB	EUR	102,2400	102,2400	102,2400				102,2400				
Certificate	NL0011040092	ASMLH 57.2TL OPENH	EUR	10,2600	10,2600	9,9800				9,9800				
Certificate	NL0010657052	ASMLH 57.8TL OPENB	EUR	99,4300	99,4300	99,4300				99,4300				
Certificate	NL0010658597	ASMLH 60.6TL OPENB	EUR	96,7800	96,7800	96,7800				96,7800				
Certificate	NL0011039326	ASMLH 62.5TL OPENH	EUR	9,7700	9,7700	9,4900				9,4900				
Certificate	NL0010764122	ASMLH 66.4TL OPENB	EUR	91,3900	91,3900	91,3900				91,3900				
Certificate	NL0011040084	ASMLH 67.8TL OPENH	EUR	9,2700	9,2700	8,9900				8,9900				
Certificate	NL0011413364	ASMLH 68.7TL OPENH	EUR	9,1900	9,1900	8,9200				8,9200				
Certificate	NL0011649447	ASMLH 72.2TL OPENB	EUR	88,6300	88,6300	86,0300				86,0300				
Certificate	NL0011712815	ASMLH 72.8TL OPENH	EUR	8,8100	8,8100	8,5300				8,5300				
Certificate	NL0011712807	ASMLH 74.9TL OPENH	EUR	8,6300	8,6300	8,3400				8,3400				
Certificate	NL0011651948	ASMLH 75.3TL OPENB	EUR	85,7200	85,7200	83,1200				83,1200				
Certificate	NL0011712781	ASMLH 79.1TL OPENH	EUR	8,2300	8,2300	7,9500				7,9500				
Certificate	NL0011891015	ASMLH 83.2TL OPENH	EUR	7,8400	7,8400	7,5600				7,5600				
Certificate	NL0011926720	ASMLH 87.4TL OPENH	EUR	7,4500	7,4500	7,1700				7,1700				
Certificate	NL0011907357	ASMLH 88.78L OPENB	EUR	68,2000	68,2000	65,6000				65,6000				
Certificate	NL0011906318	ASMLH 88.7TL OPENB	EUR	73,2300	73,2300	70,6300				70,6300				
Certificate	NL0012030340	ASMLH 90.7TL OPENB	EUR	71,3900	71,3900	68,7900				68,7900				
Certificate	NL0011993555	ASMLH 91.5TL OPENH	EUR	7,0700	7,0700	6,8000				6,8000				
Certificate	NL0012048995	ASMLH 93.5TL OPENH	EUR	6,8800	6,8800	6,6000				6,6000				
Certificate	NL0012040687	ASMLH 94.8TL OPENB	EUR	67,5800	67,5800	64,9800				64,9800				
Certificate	NL0012052708	ASMLH 98.6TL OPENH	EUR	6,4100	6,4100	6,1300				6,1300				
Certificate	NL0012100028	ASMLH 99.28L OPENB	EUR	57,7200	57,7200	55,1200				55,1200				
Certificate	DE000CD644R3	ASMLH100.3TL OPENZ	EUR	52,9750	52,9750	52,9750				52,9750				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012100465	ASMLH101.1TL OPENB	EUR	61,7600	61,7600	59,1600			59,1600					
Certificate	NL0012100325	ASMLH101.3BL OPENB	EUR	55,6300	55,6300	53,0300			53,0300					
Certificate	LU1477223546	ASMLH101.3TCIOPENS	EUR	50,6700	50,6700	50,6700			50,6700					
Certificate	NL0012101174	ASMLH103.1TL OPENB	EUR	59,8500	59,8500	57,2500	516,4200	1			9			
Certificate	NL0012100333	ASMLH103.4BL OPENB	EUR	53,5300	53,5300	50,9300			50,9300					
Certificate	DE000CD64656	ASMLH105.3TL OPENZ	EUR	47,9900	47,9900	47,9900			47,9900					
Certificate	DE000CD64EA3	ASMLH106.4TL OPENZ	EUR	4,9750	4,9750	4,9750			4,9750					
Certificate	NL0012105688	ASMLH107.3TL OPENB	EUR	55,9400	55,9400	53,3400			53,3400					
Certificate	DE000VNV6Z90	ASMLH107.9TL OPENV	EUR	4,9550	4,9550	4,9550			4,9550					
Certificate	DE000VNV6Y0A9	ASMLH107.9TL OPENV	EUR	4,4450	4,4450	4,4450			4,4450					
Certificate	NL0012105845	ASMLH109.7BL OPENB	EUR	47,2400	47,2400	44,6400			44,6400					
Certificate	NL0012056022	ASMLH110.9TL OPENH	EUR	5,2600	5,2600	4,9900			4,9900					
Certificate	DE000CD64E85	ASMLH111.3TL OPENZ	EUR	4,2050	4,2050	4,2050			4,2050					
Certificate	NL0012106181	ASMLH111.4TL OPENB	EUR	52,1300	52,2100	49,3000	28626,3000	3	49,5300		551			
Certificate	NL0012105852	ASMLH111.8BL OPENB	EUR	45,1600	45,1600	42,5600			42,5600					
Certificate	DE000VNV658L1	ASMLH113.3TL OPENV	EUR	4,1600	4,4200	3,9250	1038,5900	5	3,9250		248			
Certificate	DE000VNV658H9	ASMLH113.3TL OPENV	EUR	4,4750	4,4750	4,4750			4,4750					
Certificate	NL0012117758	ASMLH113.5TL OPENB	EUR	50,1800	50,1800	47,5800			47,5800					
Certificate	NL0012106116	ASMLH113.8BL OPENB	EUR	43,0700	43,0700	40,4700	8600,0000	2	40,4700		200			
Certificate	DE000VL2FP54	ASMLH114.9TL OPENV	EUR	3,7350	3,7350	3,7350			3,7350					
Certificate	DE000CE6C2G7	ASMLH115.6TL OPENZ	EUR	4,0850	4,0850	4,0850			4,0850					
Certificate	NL0012366793	ASMLH115.9TL OPENH	EUR	4,8000	4,8000	4,5200			4,5200					
Certificate	DE000CE6BHH6	ASMLH117.2TL OPENZ	EUR	3,8300	3,8300	3,6150	1302,2000	1	3,6150		340			
Certificate	NL0012277099	ASMLH117.5TL OPENB	EUR	46,5000	46,5000	43,9000			43,9000					
Certificate	DE000VNV66XH2	ASMLH117.8TL OPENV	EUR	3,4250	3,4250	3,4250			3,4250					
Certificate	NL0012371041	ASMLH120.7TL OPENH	EUR	4,3500	4,4200	4,0800	2853,0000	2	4,0800		650			
Certificate	DE000VL2FPT2	ASMLH120.9TL OPENV	EUR	3,1150	3,1150	3,1150			3,1150					
Certificate	NL0012278253	ASMLH121.6BL OPENB	EUR	35,7400	37,4000	33,1400	5436,3500	3	33,1400		155			
Certificate	NL0012277610	ASMLH121.6TL OPENB	EUR	42,6400	44,4700	40,0400	13341,0000	1	40,0400		300			
Certificate	DE000VL5RX13	ASMLH122.4TL OPENV	EUR	3,6050	3,6050	3,6050			3,6050					
Certificate	DE000VL2FL22	ASMLH122.8TL OPENV	EUR	2,9150	2,9150	2,9150			2,9150					
Certificate	DE000CE6DYT2	ASMLH123.2TL OPENZ	EUR	3,0250	3,0250	3,0250			3,0250					
Certificate	DE000VL5RX21	ASMLH124.4TL OPENV	EUR	3,4150	3,4150	3,4150			3,4150					
Certificate	DE000VL2FPU0	ASMLH124.9TL OPENV	EUR	2,9600	3,1950	2,7050	2876,5000	3	2,7050		950			
Certificate	NL0012277628	ASMLH125.7TL OPENB	EUR	38,8400	40,5500	36,2400	23380,3000	5	36,2400		600			
Certificate	NL0012372270	ASMLH125.8TL OPENH	EUR	3,8800	3,9900	3,6000	1995,0000	1	3,6000		500			
Certificate	DE000CE6EQ08	ASMLH125.8TL OPENZ	EUR	3,0850	3,0850	3,0850			3,0850					
Certificate	NL0012278279	ASMLH126.8BL OPENB	EUR	30,5700	31,0000	27,9600	4500,0000	2	27,9600		150			
Certificate	DE000VL37EY2	ASMLH128.2TL OPENV	EUR	3,0250	3,0250	3,0250			3,0250					
Certificate	LU1573750830	ASMLH128.3TCIOPENS	EUR	2,6600	2,6600	2,3500	798,0000	1	2,3500		300			
Certificate	NL0012492227	ASMLH128.7TL OPENB	EUR	36,0500	37,7400	33,4500	9272,0000	3	33,4500		250			
Certificate	DE000CE6E093	ASMLH130.2TL OPENZ	EUR	2,6800	2,6800	2,2500	29206,2500	8	2,2950		11045			
Certificate	DE000VL5RX39	ASMLH130.4TL OPENV	EUR	2,8350	2,8350	2,8350			2,8350					
Certificate	NL0012493522	ASMLH131.7TL OPENB	EUR	33,2400	35,0700	30,5900	175940,5000	8	30,6400		5250			
Certificate	LU1573783419	ASMLH131.8TCIOPENS	EUR	2,3000	2,3500	2,0000	775,5000	4	2,0000		340			
Certificate	NL0012493290	ASMLH131.9BL OPENB	EUR	25,4500	27,4100	22,8500	1504,8000	1	22,8500		55			
Certificate	DE000VL2FTT4	ASMLH133.1TL OPENV	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	DE000VL37EZ9	ASMLH133.2TL OPENV	EUR	2,5350	2,5350	2,5350			2,5350					
Certificate	NL0012493795	ASMLH134.4BL OPENB	EUR	22,8800	24,8300	19,8900	430587,1800	15	20,2800		19558			
Certificate	NL0012495493	ASMLH134.8TL OPENB	EUR	30,3500	32,5300	27,5000	133665,6000	11	27,7500		4500			
Certificate	NL0012518047	ASMLH135.1TL OPENH	EUR	3,0100	3,0100	2,7400			2,7400					
Certificate	DE000VL2FTU2	ASMLH135.1TL OPENV	EUR	2,1100	2,1100	1,6950	4220,0000	1	1,6950		2000			
Certificate	LU1574196256	ASMLH135.8TCIOPENS	EUR	1,8700	2,0500	1,5800	23140,3100	18	1,6000		12983			
Certificate	DE000VL37GN0	ASMLH136.2TL OPENV	EUR	2,2450	2,2450	2,2450			2,2450					
Certificate	DE000CE6EY86	ASMLH137.1TL OPENZ	EUR	2,3400	2,3400	1,9950	35,1000	1	1,9950		15			
Certificate	DE000CE6EU98	ASMLH137.2TL OPENZ	EUR	1,9300	2,1100	1,5500	37027,6300	25	1,6250		21158			
Certificate	NL0012496780	ASMLH137.8TL OPENB	EUR	27,5600	27,6500	24,9600	6158,5500	5	24,9600		225			
Certificate	DE000VA8F170	ASMLH138.4TL OPENV	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	NL0013016389	ASMLH139.5BL OPENB	EUR	1,8050	1,9900	1,5000	12094,5000	7	1,5450		6950			
Certificate	DE000VA8F2A3	ASMLH140.4TL OPENV	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	LU1859831965	ASMLH140.8TCIOPENS	EUR											
Certificate	NL0013017031	ASMLH140.8TL OPENB	EUR	2,4750	2,6000	2,2150	8945,0000	4	2,2150		3550			
Certificate	LU1784829472	ASMLH140.8TL OPENS	EUR											
Certificate	DE000VA8F2D7	ASMLH142.4TL OPENV	EUR	1,3800	1,5000	1,0950	4749,4000	4	1,0950		4190			
Certificate	LU1840980590	ASMLH142.5TCIOPENS	EUR											
Certificate	NL0013145782	ASMLH143.8TL OPENB	EUR	2,2050	2,2050	1,9450			1,9450					
Certificate	DE000CJ3PQR8	ASMLH144.2TL OPENZ	EUR	1,2300	1,4500	0,8900	238548,5900	119	0,9450		201282			
Certificate	DE000VA80JR8	ASMLH144.4TL OPENV	EUR											
Certificate	NL0013146384	ASMLH144.5BL OPENB	EUR	1,3050	1,4600	1,0450	3067,0000	3	1,0450		2300			
Certificate	DE000VA80JT4	ASMLH146.4TL OPENV	EUR											
Certificate	NL0013145790	ASMLH146.8TL OPENB	EUR	1,9250	2,1400	1,6050	33889,8400	14	1,6650		18484			
Certificate	DE000VA8FVR8	ASMLH149.4TS 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	NL0013015985	ASMLH149.5TS OPENB	EUR											
Certificate	NL0013145360	ASMLH149.5TS OPENB	EUR											
Certificate	NL0013087273	ASMLH149.9TS OPENH	EUR											
Certificate	DE000VA8FWB6	ASMLH151.4TS OPENV	EUR											
Certificate	LU1859830306	ASMLH151.5TPIOPENS	EUR											
Certificate	DE000VA8FWE0	ASMLH153.4TS OPENV	EUR											
Certificate	NL0013014921	ASMLH153.7BS OPENB	EUR											
Certificate	NL0013015555	ASMLH154.5TS OPENB	EUR											
Certificate	DE000VA8FWH3	ASMLH155.4TS OPENV	EUR											
Certificate	DE000VA8FWK7	ASMLH157.4TS OPENV	EUR											
Certificate	DE000VA8FTU2	ASMLH157.9TS OPENV	EUR											
Certificate	NL0013014939	ASMLH158.6BS OPENB	EUR	0,4750	0,7300	0,4750	7300,0000	2	0,7250	10000				
Certificate	DE000VA8FS89	ASMLH159.4TS OPENV	EUR	0,7350	0,7350	0,7350								
Certificate	NL0013014160	ASMLH159.5TS OPENB	EUR	1,6650	1,9150	1,6400	246,0000	1	1,9150	150				
Certificate	NL0013086069	ASMLH159.7TS OPENH	EUR	1,7100	1,9900	1,7100								
Certificate	DE000CJ3PHN6	ASMLH159.7TS OPENZ	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	DE000VA71004	ASMLH161.4TS OPENV	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	DE000VA71012	ASMLH163.4TS OPENV	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	NL0013013543	ASMLH163.6BS OPENB	EUR	0,9650	1,2150	0,9650			1,2150					
Certificate	NL0012796916	ASMLH164.5BOC09192	EUR	152,7900	152,7900	152,7900			152,7900					
Certificate	NL0013013717	ASMLH164.5TS OPENB	EUR	2,2050	2,4550	2,2050			2,4550					
Certificate	DE000VA71020	ASMLH165.4TS OPENV	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000VA15N35	ASMLH166.4TL OPENV	EUR											
Certificate	DE000VA6D9F1	ASMLH167.8TS OPENV	EUR	1,4750	1,4750	1,4750			1,4750					
Certificate	DE000VA6D9M7	ASMLH168.1TS OPENV	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	NL0012995542	ASMLH168.6BS OPENB	EUR	1,4650	1,7150	1,3450	34380,0000	9	1,7150	24000				
Certificate	DE000VA4RMG0	ASMLH168.8TL OPENV	EUR											
Certificate	NL0012995799	ASMLH169.5TS OPENB	EUR	2,7450	2,9950	2,5750	1110,0000	2	2,9950	400				
Certificate	DE000VA6D6H3	ASMLH169.8TS OPENV	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000VA6D6L5	ASMLH170.1TS OPENV	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	DE000VA2T6K3	ASMLH170.6TL OPENV	EUR											
Certificate	DE000VA6D6J9	ASMLH171.8TS OPENV	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	DE000VA6D6M3	ASMLH172.1TS OPENV	EUR	2,7850	2,7850	2,7850			2,7850					
Certificate	DE000VA2T6Y4	ASMLH172.6TL OPENV	EUR											
Certificate	NL0012995559	ASMLH173.6BS OPENB	EUR	1,9650	2,2150	1,9650			2,2150					
Certificate	DE000VA6D6K7	ASMLH173.8TS OPENV	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	DE000VA6D6N1	ASMLH174.1TS OPENV	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	NL0012898324	ASMLH174.4TS OPENH	EUR	3,2900	3,5800	3,2900			3,5800					
Certificate	DE000CV88BZ6	ASMLH174.6TS OPENZ	EUR	2,2250	2,2250	2,2250			2,2250					
Certificate	DE000VA3TEP6	ASMLH174.7TL OPENV	EUR											
Certificate	DE000VA6D6C4	ASMLH175.8TS OPENV	EUR	1,7900	2,2750	1,7900	11,6400	3	2,2750	6				
Certificate	DE000VA6D6E0	ASMLH176.1TS OPENV	EUR	3,2050	3,2050	3,2050			3,2050					
Certificate	LU1817129023	ASMLH177.7TPIOPENS	EUR	2,4000	2,4500	2,4000	240,0000	1	2,4500	100				
Certificate	DE000VA6D6D2	ASMLH177.8TS OPENV	EUR	2,4750	2,4750	2,4750			2,4750					
Certificate	DE000VA6D6F7	ASMLH178.1TS OPENV	EUR	3,4150	3,4150	3,4150			3,4150					
Certificate	NL0012990451	ASMLH178.5BS OPENB	EUR	2,4550	2,7050	2,4550			2,7050					
Certificate	NL0012990162	ASMLH179.2TS OPENB	EUR	3,7950	4,0450	3,7950			4,0450					
Certificate	NL0012888564	ASMLH179.5TS OPENH	EUR	3,8500	4,1300	3,8500			4,1300					
Certificate	DE000VA5RGV8	ASMLH180.3TS OPENV	EUR	3,6250	3,6250	3,6250			3,6250					
Certificate	DE000VA5RGX4	ASMLH182.3TS OPENV	EUR	3,8350	3,8350	3,8350			3,8350					
Certificate	NL0012988497	ASMLH183.4BS OPENB	EUR	2,9550	3,2050	2,9550			3,2050					
Certificate	DE000VA5RCW5	ASMLH184.1TS OPENV	EUR	3,0650	3,0650	3,0650			3,0650					
Certificate	DE000VA5RB61	ASMLH184.3TS OPENV	EUR	4,0350	4,0350	4,0350			4,0350					
Certificate	NL0012936827	ASMLH184.4TS OPENH	EUR	4,3800	4,6600	4,3800			4,6600					
Certificate	DE000VA5RB53	ASMLH186.1TS OPENV	EUR	3,2650	3,2650	3,2650			3,2650					
Certificate	DE000VA5ENU4	ASMLH186.3TS OPENV	EUR	4,2450	4,2450	4,2450			4,2450					
Certificate	DE000VA5ENR0	ASMLH188.1TS OPENV	EUR	3,4550	3,4550	3,4550			3,4550					
Certificate	DE000VA4YS49	ASMLH188.3TS OPENV	EUR											
Certificate	DE000VA4YS64	ASMLH188.4TS OPENV	EUR	4,4450	4,4450	4,4450			4,4450					
Certificate	NL0012792998	ASMLH190.2BOC1218B	EUR	155,1000	155,1000	152,6000			152,6000					
Certificate	DE000VA3ECT4	ASMLH190.6TS OPENV	EUR	4,6250	4,6250	4,6250			4,6250					
Certificate	LU1757083248	ASMLH191.5TPIOPENS	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	NL0012368047	ASMLH191.9TS OPENH	EUR	5,1900	5,4600	5,1900			5,4600					
Certificate	DE000VL8XHL6	ASMLH193.3TS OPENV	EUR	3,2600	3,7000	3,2600	20,5600	6	3,6550	6				
Certificate	LU1784829803	ASMLH193.6TS OPENS	EUR											
Certificate	DE000CV4ZMF3	ASMLH194.6TS OPENZ	EUR	4,2050	4,2050	4,2050			4,2050					
Certificate	DE000VL8XHN2	ASMLH194.9TS OPENV	EUR	4,8050	4,8050	4,8050			4,8050					
Certificate	LU1790503400	ASMLH195.1TPIOPENS	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	DE000VL8XHM4	ASMLH195.3TS OPENV	EUR	3,8550	3,8550	3,8550			3,8550					
Certificate	DE000VL8XHP7	ASMLH196.9TS OPENV	EUR	5,0150	5,0150	5,0150			5,0150					
Certificate	NL0012851463	ASMLH197.5TS OPENH	EUR	5,7900	6,0700	5,7900			6,0700					
Certificate	NL0012970008	ASMLH198.2BS OPENB	EUR	4,4250	4,6750	4,4250			4,6750					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VL8XG21	ASMLH198.3TS OPENV	EUR	4,1450	4,1450	4,1450			4,1450					
Certificate	NL0012971923	ASMLH198.9TS OPENB	EUR	5,9150	6,1650	5,9150			6,1650					
Certificate	DE000VA2T562	ASMLH198.9TS OPENV	EUR	4,4550	4,4550	4,4550			4,4550					
Certificate	DE000VL8XKP1	ASMLH199.9TS OPENV	EUR	5,3350	5,3350	5,3350			5,3350					
Certificate	NL0012593867	ASMLH200.3TS OPENH	EUR	6,1000	6,3800	6,1000			6,3800					
Certificate	DE000VA2T6D8	ASMLH200.5TS OPENV	EUR	5,6350	5,6350	5,6350			5,6350					
Certificate	DE000VA2T570	ASMLH200.9TS OPENV	EUR	4,6450	4,6450	4,6450			4,6450					
Certificate	DE000VA2T6E6	ASMLH202.5TS OPENV	EUR	5,8450	5,8450	5,8450			5,8450					
Certificate	DE000VA2T588	ASMLH202.9TS OPENV	EUR	4,8450	4,8450	4,8450			4,8450					
Certificate	DE000VA2T6U2	ASMLH204.7TS OPENV	EUR	6,0750	6,0750	6,0750			6,0750					
Certificate	DE000VA2T6N7	ASMLH204.9TS OPENV	EUR	5,0450	5,0450	5,0450			5,0450					
Certificate	DE000VA2T6V0	ASMLH206.7TS OPENV	EUR	6,2850	6,2850	6,2850			6,2850					
Certificate	DE000VA2T6P2	ASMLH206.9TS OPENV	EUR	5,2450	5,2450	5,2450			5,2450					
Certificate	NL0012987242	ASMLH207.5BOC0619B	EUR	152,4000	152,4000	150,2000			150,2000					
Certificate	DE000VA2T7V8	ASMLH208.7TS OPENV	EUR	6,4950	6,4950	6,4950			6,4950					
Certificate	DE000VA3D9U3	ASMLH208.8TS OPENV	EUR	5,4450	5,4450	5,4450			5,4450					
Certificate	NL0012935597	ASMLH209.2TS OPENH	EUR	7,0500	7,3400	7,0500			7,3400					
Certificate	LU1784829712	ASMLH211.2TS OPENS	EUR											
Certificate	DE000VA3EAB6	ASMLH212.6TS OPENV	EUR	6,9150	6,9150	6,9150			6,9150					
Certificate	DE000VA3D929	ASMLH212.8TS OPENV	EUR	5,8350	5,8350	5,8350			5,8350					
Certificate	DE000CV87Y25	ASMLH214.5TS OPENZ	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	DE000VA3EAC4	ASMLH214.6TS OPENV	EUR	7,1250	7,1250	7,1250			7,1250					
Certificate	DE000VA3D937	ASMLH214.8TS OPENV	EUR	6,0350	6,0350	6,0350			6,0350					
Certificate	DE000VA3EAD2	ASMLH216.6TS OPENV	EUR	7,3350	7,3350	7,3350			7,3350					
Certificate	DE000VA3D945	ASMLH216.8TS OPENV	EUR	6,2350	6,2350	6,2350			6,2350					
Certificate	NL0012521967	ASMLH217.5TS OPENH	EUR	7,9500	8,2300	7,9500			8,2300					
Certificate	DE000VA4YNZ4	ASMLH218.3TS OPENV	EUR	6,4350	6,4350	6,4350			6,4350					
Certificate	DE000VA4YPC8	ASMLH218.4TS OPENV	EUR	7,5750	7,5750	7,5750			7,5750					
Certificate	DE000VA4YN02	ASMLH220.3TS OPENV	EUR	6,6350	6,6350	6,6350			6,6350					
Certificate	DE000VA4YRQ4	ASMLH220.4TS OPENV	EUR	7,7850	7,7850	7,7850			7,7850					
Certificate	DE000VA4YN10	ASMLH222.3TS OPENV	EUR	6,8350	6,8350	6,8350			6,8350					
Certificate	NL0012529135	ASMLH232.6TS OPENH	EUR	9,5900	9,8600	9,5900			9,8600					
Certificate	NL001255486	ASMLH249.1TS OPENH	EUR	11,3800	11,6500	11,3800			11,6500					
Certificate	NL0012583447	ASMLH249.2TS OPENH	EUR	11,3900	11,6600	11,3900			11,6600					
Certificate	NL0012593859	ASMLH264.3TS OPENH	EUR	13,0200	13,3000	13,0200			13,3000					
Certificate	NL0012919997	ASMLH282.5TS OPENH	EUR	14,9900	15,2700	14,9900			15,2700					
Certificate	NL0011539242	ASMLH62.998L OPENB	EUR	93,9000	93,9000	91,3000			91,3000					
Certificate	DE000CC16584	ASMLH68.31TL OPENC	EUR	85,6400	85,6400	85,6400			85,6400					
Certificate	NL0011433305	ASMLH69.498L OPENB	EUR	87,3900	87,3900	84,7900			84,7900					
Certificate	NL0011650767	ASMLH75.968L OPENB	EUR	80,9300	80,9300	78,3300			78,3300					
Certificate	DE000CD62721	ASMLH95.26TL OPENZ	EUR	58,0250	58,0250	58,0250			58,0250					
Certificate	DE000CQ5AUM9	ASRNL 30TL OPENC	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	DE000CQ5ASJ9	ASRNL 32TL OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CQ5AUN7	ASRNL 32TL OPENC	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CQ5ASK7	ASRNL 34TL OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CQ5AUP2	ASRNL 34TL OPENC	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	DE000CQ5ASL5	ASRNL 35TL OPENC	EUR											
Certificate	DE000CQ5AUQ0	ASRNL 35TL OPENC	EUR											
Certificate	DE000CQ5BKM8	ASRNL 35TS OPENC	EUR											
Certificate	NL0013015563	ASRNL 41TS OPENB	EUR											
Certificate	NL0012993497	ASRNL 43TS OPENB	EUR	5,6350	5,6950	5,6350			5,6950					
Certificate	DE000CQ5AWM5	ASRNL 46TS OPENC	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0012104954	ASRNL 18.9TL OPENB	EUR	23,2850	23,2850	23,1650			23,1650					
Certificate	NL0011900410	ASRNL 9.66TL OPENB	EUR	31,8950	31,8950	31,7750			31,7750					
Certificate	NL0011910211	ASRNL13.81TL OPENB	EUR	28,0350	28,0350	27,9150			27,9150					
Certificate	DE000CD649D2	ASRNL18.96TL OPENZ	EUR	4,5350	4,5350	4,5250			4,5250					
Certificate	NL0012105332	ASRNL19.95TL OPENB	EUR	22,3250	22,3250	22,2050			22,2050					
Certificate	NL0012115935	ASRNL21.98TL OPENB	EUR	20,4350	20,4350	20,3150			20,3150					
Certificate	DE000CE6BDK9	ASRNL22.06TL OPENZ	EUR	3,9350	3,9350	3,9250			3,9250					
Certificate	NL0012261762	ASRNL22.99TL OPENB	EUR	19,4850	19,4850	19,3650			19,3650					
Certificate	DE000CE6DJ78	ASRNL25.68TL OPENZ	EUR	3,2350	3,2350	3,2350			3,2350					
Certificate	NL0012271084	ASRNL26.03TL OPENB	EUR	16,6550	16,6550	16,5350	1665,0000	1	16,5350	100				
Certificate	NL0012275945	ASRNL27.03TL OPENB	EUR	15,7250	15,7250	15,6050			15,6050					
Certificate	NL0012275952	ASRNL28.04TL OPENB	EUR	14,7750	14,7750	14,6550			14,6550					
Certificate	DE000CE6DV23	ASRNL28.27TL OPENZ	EUR	2,7350	2,7350	2,7350			2,7350					
Certificate	NL0012279988	ASRNL29.05TL OPENB	EUR	13,8450	13,8450	13,7250			13,7250					
Certificate	NL0012492235	ASRNL30.04TL OPENB	EUR	12,9250	12,9250	12,8050			12,8050					
Certificate	DE000CE6EMU3	ASRNL30.85TL OPENZ	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	NL0012779771	ASRNL32.04TL OPENB	EUR	11,0650	11,0650	10,9450			10,9450					
Certificate	DE000CV89MC1	ASRNL32.92TL OPENZ	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000CV8B6A4	ASRNL37.07TL OPENZ	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	NL0012993422	ASRNL37.08TL OPENB	EUR	6,3650	6,3650	6,2450			6,2450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013019052	ASRNL38.08TL OPENB	EUR	5,4550	5,4550	5,3350			5,3350					
Certificate	NL0013145808	ASRNL39.08TL OPENB	EUR	4,5250	4,5250	4,2450	1281,0000	1	4,4050	300				
Certificate	DE000CV8AS80	ASRNL43.47TS OPENZ	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	NL0012994289	ASRNL44.99TS OPENB	EUR	7,7850	7,8450	7,7850			7,8450					
Certificate	DE000CJ3NVF8	ASRNL49.43TS OPENZ	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	DE000CV4YXW8	ASTRA37.48TL OPENZ	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	DE000CV4YZ87	ASTRA42.52TL OPENZ	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	DE000CV88B88	ASTRA47.52TL OPENZ	EUR	1,1650	1,1650	1,1650			1,1650					
Certificate	DE000CV8A3L9	ASTRA52.51TL OPENZ	EUR	0,6050	0,6050	0,6050			0,6050					
Certificate	NL0006518383	ASX 1860TL OPENB	EUR	25,5500	25,5500	25,5500			25,5500					
Certificate	NL0009173632	ASX 3230TL OPENB	EUR	17,3500	17,3500	17,3500			17,3500					
Certificate	DE000CJ3PN28	ATCO 124.4TL OPENZ	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CV501K8	ATCO 164.5TL OPENZ	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CE6FKH1	ATCO 194.6TL OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CE6FNJ1	ATCO 226.1TL OPENZ	EUR											
Certificate	DE000CJ3NVG6	ATLMI12.76TL OPENZ	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	DE000CV8AZE2	ATLMI14.75TL OPENZ	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000CV8AY74	ATLMI16.87TL OPENZ	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CJ3PHP1	ATOS 50.03TL OPENZ	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CJ3PHQ9	ATOS 60.03TL OPENZ	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000CV8ARH2	AUROR 4.45TL OPENZ	EUR	3,2950	3,2950	3,2950			3,2950					
Certificate	DE000CV8AXX7	AUROR 4.99TL OPENZ	EUR	2,9700	2,9700	2,9650	148,5000	1	2,9650	50				
Certificate	DE000CV8A856	AUROR 5.43TL OPENZ	EUR											
Certificate	DE000CV8AZ24	AUROR 6.09TL OPENZ	EUR	2,3500	2,3500	2,2200	4801,0000	3	2,2850	2100				
Certificate	DE000CV8A3E4	AUROR 6.52TL OPENZ	EUR											
Certificate	DE000CV8B1Z2	AUROR 7.18TL OPENZ	EUR	1,4600	1,6700	1,4600	1064,0000	2	1,6150	700				
Certificate	DE000CJ3NID8	AUROR 8.26TL OPENZ	EUR											
Certificate	DE000CX002G3	AXA 16TL OPENC	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	DE000CX598Q9	AXA 18TL OPENC	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	DE000CY0AU96	AXA 20TL OPENC	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	DE000CY500C4	AXA 20TL OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CY52QK7	AXA 28TS OPENC	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	DE000CY502H9	AXA 30TS OPENC	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	DE000CY500D2	AXA 30TS OPENC	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0010899431	AXA 12.4TL OPENB	EUR	11,1300	11,1300	11,0200			11,0200					
Certificate	DE000CR1K682	AXA 14.7TL OPENZ	EUR	1,5250	1,5250	1,5250			1,5250					
Certificate	DE000CF80MW1	AXA 16.3TL OPENC	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	NL0013083041	AXA 23.3TS OPENH	EUR	0,3500	0,3600	0,3500			0,3600					
Certificate	NL0010382347	AXA 8.63TL OPENB	EUR	14,3900	14,3900	14,3900			14,3900					
Certificate	NL0011226287	AXA 10.38TL OPENH	EUR	1,3000	1,3000	1,2800			1,2800					
Certificate	DE000CD61PT5	AXA 13.14TL OPENZ	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	NL0012056261	AXA 14.08TL OPENH	EUR	0,9600	0,9600	0,9500			0,9500					
Certificate	NL0011916010	AXA 15.49TL OPENB	EUR	8,3100	8,3100	8,2000			8,2000					
Certificate	DE000CR4H047	AXA 15.69TL OPENZ	EUR	1,3250	1,3500	1,3250	675,0000	1	1,3250	500				
Certificate	NL0011978853	AXA 16.66TL OPENH	EUR	0,7300	0,7300	0,7100			0,7100					
Certificate	DE000CD62TK4	AXA 17.18TL OPENZ	EUR	1,0350	1,0350	1,0250			1,0250					
Certificate	NL0012030365	AXA 17.53TL OPENB	EUR	6,4700	6,4700	6,3600			6,3600					
Certificate	NL0012030373	AXA 18.55TL OPENB	EUR	5,5400	5,5400	5,4300			5,4300					
Certificate	NL0011993597	AXA 18.84TL OPENH	EUR	0,5300	0,5300	0,5100			0,5100					
Certificate	NL0012031249	AXA 19.58TL OPENB	EUR	4,5900	4,5900	4,4800			4,4800					
Certificate	DE000CD63PL8	AXA 19.66TL OPENZ	EUR	0,5450	0,5450	0,5350			0,5350					
Certificate	NL0011998000	AXA 19.86TL OPENH	EUR	0,4400	0,4400	0,4200			0,4200					
Certificate	NL0012603617	AXA 20.36TL OPENH	EUR	0,3900	0,3900	0,3800			0,3800					
Certificate	NL0012986301	AXA 20.59TL OPENB	EUR	3,6900	3,6900	3,5800			3,5800					
Certificate	NL0012933774	AXA 21.08TL OPENH	EUR	0,3300	0,3300	0,3100			0,3100					
Certificate	NL0012891675	AXA 21.34TL OPENH	EUR	0,3000	0,3000	0,2900			0,2900					
Certificate	NL0013127202	AXA 22.33TS OPENH	EUR											
Certificate	NL0012772156	AXA 24.17TS OPENB	EUR	4,4400	4,5400	4,4400			4,5400					
Certificate	NL0012580633	AXA 24.78TS OPENH	EUR	0,5200	0,5300	0,5200			0,5300					
Certificate	NL0012564942	AXA 25.52TS OPENH	EUR	0,6000	0,6100	0,6000			0,6100					
Certificate	NL0012615512	AXA 26.74TS OPENH	EUR	0,7300	0,7500	0,7300			0,7500					
Certificate	NL0012584429	AXA 26.76TS OPENH	EUR	0,7400	0,7500	0,7400			0,7500					
Certificate	NL0012431001	AXA 27.02TS OPENH	EUR	0,7600	0,7800	0,7600			0,7800					
Certificate	NL0012366801	AXA 27.08TS OPENH	EUR	0,7700	0,7800	0,7700			0,7800					
Certificate	NL0012244917	AXA 27.89TS OPENH	EUR	0,8600	0,8700	0,8600			0,8700					
Certificate	NL0012311716	AXA 27.98TS OPENH	EUR	0,8700	0,8800	0,8700			0,8800					
Certificate	NL0012054423	AXA 28.38TS OPENH	EUR	0,9200	0,9300	0,9200			0,9300					
Certificate	NL0012679997	AXA 30.03TS OPENB	EUR	10,9400	11,0400	10,9400			11,0400					
Certificate	NL0012586374	AXA 30.24TS OPENH	EUR	1,1200	1,1400	1,1200			1,1400					
Certificate	NL0012555536	AXA 32.34TS OPENH	EUR	1,3500	1,3700	1,3500			1,3700					
Certificate	DE000CV8AWB5	AXELS 40.5TL OPENZ	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000CV8A4L7	AXELS50.54TL OPENZ	EUR	0,8700	0,8700	0,8700			0,8700					



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	DE000UBS1MP2	B005U STN1022U	EUR											
Certificate	XS1815281685	BA99B STN0623B	EUR	86,6000	86,6000	86,6000			86,6000					
Certificate	DE000CW3AHA8	BABAK 50TL OPENC	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	DE000CW42AZ4	BABAK 55TL OPENC	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000CX01P43	BABAK 70TL OPENC	EUR											
Certificate	NL0011795463	BABAK 78TL OPENB	EUR	73,7900	76,4300	67,2900	225,0400	3	67,2900		3			
Certificate	DE000CX59LN9	BABAK 80TL OPENC	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	NL0012118905	BABAK 107TL OPENB	EUR	44,0000	44,0000	44,0000			44,0000					
Certificate	DE000CP06V24	BABAK 120TL OPENC	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000CY50RU8	BABAK 120TL OPENC	EUR	2,2000	2,6600	1,5500	20449,5600	15	1,6200	8643				
Certificate	DE000CY52ZC5	BABAK 125TL OPENC	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000CY50RV6	BABAK 130TL OPENC	EUR											
Certificate	DE000CP069R9	BABAK 130TL OPENC	EUR											
Certificate	DE000CP06V32	BABAK 132TL OPENC	EUR											
Certificate	NL0012271795	BABAK 133TL OPENB	EUR											
Certificate	DE000CP06YA6	BABAK 135TL OPENC	EUR											
Certificate	DE000CP07BH7	BABAK 135TL OPENC	EUR											
Certificate	NL0013011679	BABAK 138TL OPENB	EUR											
Certificate	NL0013128192	BABAK 140TS OPENH	EUR											
Certificate	DE000CY52ZD3	BABAK 142TS OPENC	EUR											
Certificate	DE000CY52ZE1	BABAK 145TS OPENC	EUR											
Certificate	NL0013125560	BABAK 145TS OPENH	EUR											
Certificate	DE000CY52ZF8	BABAK 150TS OPENC	EUR											
Certificate	DE000CP06YC2	BABAK 155TS OPENC	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CP07BK1	BABAK 155TS OPENC	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CP07BL9	BABAK 160TS OPENC	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CP06V57	BABAK 160TS OPENC	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CP07BM7	BABAK 165TS OPENC	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000CP06YD0	BABAK 165TS OPENC	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000CP069B3	BABAK 170TS OPENC	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	DE000CP069S7	BABAK 170TS OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CP06842	BABAK 180TS OPENC	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000CP067J0	BABAK 180TS OPENC	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	DE000CP06LG0	BABAK 190TS OPENC	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000CP06L00	BABAK 190TS OPENC	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000CQ58W78	BABAK 200TS OPENC	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	DE000CQ58LU9	BABAK 200TS OPENC	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	DE000CQ58QA0	BABAK 210TS OPENC	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	DE000CY51W00	BABAK 220TS OPENC	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	NL0012121032	BABAK 113.BL OPENB	EUR	33,3800	33,3800	31,6700	1669,0000	1	31,6700		50			
Certificate	DE000VA80KG9	BABAK 124.TL OPENV	EUR											
Certificate	DE000VA80KJ3	BABAK 129.TL OPENV	EUR											
Certificate	DE000VA80KP0	BABAK 134.TL OPENV	EUR											
Certificate	DE000VA80J98	BABAK 143.TS OPENV	EUR											
Certificate	DE000VA8F3C7	BABAK 148.TS OPENV	EUR											
Certificate	NL0013126683	BABAK 150.TS OPENH	EUR											
Certificate	DE000VA7TEL6	BABAK 153.TS OPENV	EUR											
Certificate	DE000VA7TC33	BABAK 158.TS OPENV	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000VA7P18	BABAK 163.TS OPENV	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	DE000VA6T191	BABAK 168.TS OPENV	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	NL0011428529	BABAK 39.7TL OPENB	EUR	97,8800	97,8800	97,8800			97,8800					
Certificate	NL0011426457	BABAK 50.7TL OPENB	EUR	89,0900	89,0900	89,0900			89,0900					
Certificate	NL0010872875	BABAK 61.5TL OPENB	EUR	80,4400	80,4400	80,4400			80,4400					
Certificate	NL0011656715	BABAK 72.5TL OPENB	EUR	71,6400	71,6400	71,6400			71,6400					
Certificate	NL0011910880	BABAK 88.7BL OPENB	EUR	53,0300	53,0300	53,0300			53,0300					
Certificate	NL0012104244	BABAK 93.8TL OPENB	EUR	62,2200	64,0000	54,6000	9779,3800	2	54,6000	155				
Certificate	NL0012106504	BABAK 99.1TL OPENB	EUR	50,3500	50,3500	50,3500			50,3500					
Certificate	NL0012106660	BABAK102.3BL OPENB	EUR	50,3400	50,3400	41,1000	18633,8900	4	41,1000	398				
Certificate	DE000CD64F76	BABAK105.2TL OPENZ	EUR	3,7350	3,7350	3,7350			3,7350					
Certificate	NL0012107643	BABAK107.7BL OPENB	EUR	39,9100	43,7100	36,3700	9540,2000	2	36,3700	220				
Certificate	NL0012120521	BABAK109.6TL OPENB	EUR	41,9600	41,9600	41,9600			41,9600					
Certificate	DE000VA80KD6	BABAK111.5TL OPENV	EUR											
Certificate	NL0012257778	BABAK112.2TL OPENB	EUR	48,9300	49,2300	39,8600	1878,2000	2	39,8600	40				
Certificate	DE000VA8F0J8	BABAK115.9TL OPENV	EUR	3,3450	3,3450	3,3450			3,3450					
Certificate	DE000VA8F3D5	BABAK116.3TL OPENV	EUR	2,8350	2,8350	2,8350			2,8350					
Certificate	NL0012260533	BABAK118.4BL OPENB	EUR	34,9900	34,9900	26,9600	18149,6500	6	26,9600	535				
Certificate	DE000VA7TFN9	BABAK118.7TL OPENV	EUR	2,9000	2,9000	2,6050	2900,0000	1	2,6050	1000				
Certificate	NL0012268205	BABAK120.1TL OPENB	EUR	33,5800	33,5800	33,5800			33,5800					
Certificate	DE000VA7TEX1	BABAK120.9TL OPENV	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	NL0012261879	BABAK121.1BL OPENB	EUR	24,6200	24,6200	24,6200			24,6200					
Certificate	DE000VA7TFQ2	BABAK121.2TL OPENV	EUR	2,3850	2,3850	2,3850			2,3850					
Certificate	DE000CE6DLY9	BABAK121.4TL OPENZ	EUR	2,7600	2,7600	2,3250	131051,8000	5	2,3250	50020				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012267306	BABAK123.78L OPENB	EUR	22,2700	22,2700	22,2700			22,2700					
Certificate	NL0012270466	BABAK125.2TL OPENB	EUR	29,5000	29,5000	29,5000			29,5000					
Certificate	DE000VA80GP8	BABAK125.9TL OPENV	EUR											
Certificate	DE000VA77C58	BABAK126.2TL OPENV	EUR	2,7800	3,0700	1,8700	24135,0000	12	1,9350	10800				
Certificate	NL0012268817	BABAK129.18L OPENB	EUR	24,8100	28,0400	17,5700	37097,3400	19	17,5800	1489				
Certificate	NL0013145725	BABAK130.2TL OPENB	EUR	30,1400	30,1400	25,6400	753,5000	1	25,6400	25				
Certificate	DE000VA6EBY9	BABAK130.5TL OPENV	EUR											
Certificate	DE000VA6ECC3	BABAK130.8TL OPENV	EUR											
Certificate	DE000VA80GS2	BABAK130.9TL OPENV	EUR											
Certificate	DE000CI3PTW2	BABAK131.4TL OPENZ	EUR	1,2900	1,2900	0,7350	25930,7000	9	0,7350	29339				
Certificate	DE000VA80KL9	BABAK131.5TL OPENV	EUR											
Certificate	DE000VA71RY6	BABAK133.7TL OPENV	EUR											
Certificate	NL0012271639	BABAK134.38L OPENB	EUR											
Certificate	DE000VA6D6X0	BABAK135.5TL OPENV	EUR											
Certificate	DE000VA6D6Y8	BABAK135.7TL OPENV	EUR											
Certificate	DE000VA80GV6	BABAK135.9TL OPENV	EUR											
Certificate	DE000VA71R16	BABAK136.2TL OPENV	EUR											
Certificate	DE000CI3N773	BABAK136.2TL OPENZ	EUR											
Certificate	DE000VA80KQ8	BABAK136.5TL OPENV	EUR											
Certificate	NL0013145337	BABAK139.5TS OPENB	EUR											
Certificate	DE000VA87DZ9	BABAK140.9TL OPENV	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000VA8F3B9	BABAK145.5TS OPENV	EUR											
Certificate	DE000VA8FOF6	BABAK145.5TS OPENV	EUR											
Certificate	DE000VA8F550	BABAK145.5TS OPENV	EUR											
Certificate	DE000VA80KA2	BABAK145.5TS OPENV	EUR											
Certificate	NL0013016603	BABAK149.48S OPENB	EUR											
Certificate	NL0013017197	BABAK149.5TS OPENB	EUR											
Certificate	DE000VA77FL3	BABAK150.5TS OPENV	EUR											
Certificate	DE000VA77EW3	BABAK150.5TS OPENV	EUR											
Certificate	NL0013007685	BABAK154.48S OPENB	EUR	7,5700	7,7300	7,5700	3785,0000	1	7,7300	500				
Certificate	DE000VA77A01	BABAK155.5TS OPENV	EUR	1,4950	1,4950	1,4950								
Certificate	DE000VA77C17	BABAK155.5TS OPENV	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	NL0013006190	BABAK159.48S OPENB	EUR	5,9700	12,1300	4,0000	1474,3000	5	12,1300	260				
Certificate	NL0013007305	BABAK159.5TS OPENB	EUR	17,3000	26,0700	16,9300	8557,5000	2	26,0700	500				
Certificate	DE000VA7PWCS	BABAK160.5TS OPENV	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	DE000VA7PXP5	BABAK160.5TS OPENV	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	NL0012990048	BABAK162.8TL OPENB	EUR											
Certificate	NL0013005135	BABAK164.48S OPENB	EUR	16,5100	16,5100	16,5100			16,5100					
Certificate	DE000VA640S9	BABAK165.5TS OPENV	EUR	2,4150	2,4150	2,4150			2,4150					
Certificate	DE000VA7PR63	BABAK165.5TS OPENV	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	NL0012995500	BABAK169.48S OPENB	EUR	20,9000	20,9000	20,9000			20,9000					
Certificate	NL0013004203	BABAK169.5TS OPENB	EUR	35,8400	35,8400	35,8400			35,8400					
Certificate	DE000VA6D6V4	BABAK170.5TS OPENV	EUR	2,1150	2,1150	2,1150			2,1150					
Certificate	DE000VA6D6W2	BABAK170.5TS OPENV	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	NL0012995518	BABAK174.48S OPENB	EUR	25,2800	25,2800	25,2800			25,2800					
Certificate	NL0012992259	BABAK174.68L OPENB	EUR											
Certificate	DE000VA6D542	BABAK175.5TS OPENV	EUR	3,3450	3,3450	3,3450			3,3450					
Certificate	DE000VA6D526	BABAK175.5TS OPENV	EUR	2,5550	2,5550	2,5550			2,5550					
Certificate	NL0012995096	BABAK179.5TS OPENB	EUR	39,8600	45,6300	39,8600	24591,0000	2	45,6300	600				
Certificate	DE000VA6D3F4	BABAK180.5TS OPENV	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	DE000VA6D3G2	BABAK180.5TS OPENV	EUR	3,8050	3,8050	3,8050			3,8050					
Certificate	DE000VA3PWX0	BABAK184.3TL OPENV	EUR											
Certificate	DE000VA3PWR2	BABAK184.3TL OPENV	EUR											
Certificate	DE000VASRMV6	BABAK185.5TS OPENV	EUR	3,1200	3,4350	3,1000	780,0000	1	3,4350	250				
Certificate	DE000VASRMX2	BABAK185.5TS OPENV	EUR	4,2650	4,2650	4,2650			4,2650					
Certificate	NL0012987374	BABAK189.5TS OPENB	EUR	55,4000	55,4000	55,4000			55,4000					
Certificate	DE000VA4YXX8	BABAK190.5TS OPENV	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	DE000VA4YXY6	BABAK190.5TS OPENV	EUR	4,7350	4,7350	4,7350			4,7350					
Certificate	DE000VA4YXK5	BABAK195.5TS OPENV	EUR	4,3050	4,3050	4,3050			4,3050					
Certificate	DE000VA4YXL3	BABAK195.5TS OPENV	EUR	5,1950	5,1950	5,1950			5,1950					
Certificate	DE000VA3TJ06	BABAK200.5TS OPENV	EUR	5,6550	5,6550	5,6550			5,6550					
Certificate	DE000VA3TJW1	BABAK200.5TS OPENV	EUR	4,7450	4,7450	4,7450			4,7450					
Certificate	DE000VA3TJ14	BABAK205.5TS OPENV	EUR	6,1150	6,1150	6,1150			6,1150					
Certificate	DE000VA3TJX9	BABAK205.5TS OPENV	EUR	5,1850	5,1850	5,1850			5,1850					
Certificate	DE000VA3PWH3	BABAK210.5TS OPENV	EUR	6,5850	6,5850	6,5850			6,5850					
Certificate	DE000VA3PWJ9	BABAK215.5TS OPENV	EUR	7,0450	7,0450	7,0450			7,0450					
Certificate	DE000CR9RM19	BABAK65.72TL OPENZ	EUR	7,2050	7,2050	7,2050			7,2050					
Certificate	NL0011650213	BABAK69.288L OPENB	EUR	72,6700	72,7700	70,0900	7194,3300	1	70,0900	99				
Certificate	DE000CN6K3P7	BABAK76.23TL OPENZ	EUR	6,2750	6,2750	6,2750			6,2750					
Certificate	NL0011916812	BABAK91.458L OPENB	EUR	50,6200	50,6200	50,6200			50,6200					
Certificate	DE000CD62MG7	BABAK93.03TL OPENZ	EUR	5,9200	5,9200	4,8050	4736,0000	1	4,8050	800				
Certificate	XS1354969286	BABFK STN0424K	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	DE000CV502M2	BABI 4.434TL OPENZ	EUR	2,0250	2,0250	2,0250			2,0250					
Certificate	DE000CV42RM8	BABI 5.343TL OPENZ	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	DE000CD61WQ7	BAES 4.89TL OPENZ	EUR	0,2500	0,2800	0,2500			0,2800					
Certificate	DE000CR9QHP6	BAES 3.832TL OPENZ	EUR	0,8500	0,8800	0,8500			0,8800					
Certificate	DE000CN6F3J7	BAES 4.285TL OPENZ	EUR	0,5900	0,6200	0,5900			0,6200					
Certificate	DE000CQ58ZS3	BAIDU 140TL OPENC	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	DE000CX0Q0S0	BAIDU 140TL OPENC	EUR	4,4200	4,4200	3,1000	8840,0000	1	3,1000	2000				
Certificate	DE000CX01LM3	BAIDU 150TL OPENC	EUR	3,3700	3,3800	2,2100	23538,0000	5	2,2100	7400				
Certificate	DE000CX01N29	BAIDU 150TL OPENC	EUR	4,2300	4,2300	3,3800	1057,5000	1	3,3800	250				
Certificate	DE000CP06503	BAIDU 180TL OPENC	EUR											
Certificate	DE000CY50VH7	BAIDU 180TL OPENC	EUR											
Certificate	DE000CQ58TL1	BAIDU 180TL OPENC	EUR											
Certificate	DE000CQ58ZT1	BAIDU 200TS OPENC	EUR											
Certificate	DE000CP06UE6	BAIDU 220TS OPENC	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	DE000CP07AW8	BAIDU 220TS OPENC	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	DE000CQ58HU7	BAIDU 240TL OPENC	EUR											
Certificate	DE000CQ58VH5	BAIDU 240TS OPENC	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	DE000CQ58TN7	BAIDU 240TS OPENC	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000CQ58VJ1	BAIDU 250TS OPENC	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	DE000CP062W4	BAIDU 260TS OPENC	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	DE000CP06123	BAIDU 260TS OPENC	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000CQ580Y0	BAIDU 270TS OPENC	EUR											
Certificate	DE000CQ580Z7	BAIDU 280TS OPENC	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	DE000CQ5A5V6	BAIDU 290TS OPENC	EUR	8,1700	8,1700	8,1700			8,1700					
Certificate	NL0013004740	BAIDU 223.BS OPENB	EUR	2,6850	2,6850	2,6850			2,6850					
Certificate	NL0011900717	BAIDU136.8TL OPENB	EUR	6,8300	6,8750	6,1550	13660,0000	1	6,1550	2000				
Certificate	NL0011539853	BAIDU147.7TL OPENB	EUR	5,9800	5,9800	5,2850	11960,0000	3	5,2850	2000				
Certificate	NL0012032155	BAIDU150.4BL OPENB	EUR	4,7500	4,7500	4,0450	475,0000	1	4,0450	100				
Certificate	NL0011909585	BAIDU165.8BL OPENB	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	NL0011915111	BAIDU169.1TL OPENB	EUR	3,5650	3,5650	3,5650			3,5650					
Certificate	NL0012033617	BAIDU174.1BL OPENB	EUR	3,4200	3,4200	1,9650	5794,8000	3	1,9650	2010				
Certificate	NL0013007156	BAIDU178.8TL OPENB	EUR											
Certificate	NL0012258354	BAIDU182.7BL OPENB	EUR											
Certificate	NL0013018880	BAIDU192.6BS OPENB	EUR											
Certificate	NL0013014178	BAIDU201.8TS OPENB	EUR											
Certificate	NL0013017684	BAIDU202.2BS OPENB	EUR											
Certificate	NL0013006240	BAIDU212.4BS OPENB	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	NL0013005531	BAIDU221.8TS OPENB	EUR	4,5550	4,5550	4,5550			4,5550					
Certificate	NL0013002173	BAIDU234.1BS OPENB	EUR	3,6650	3,6650	3,6650			3,6650					
Certificate	NL0012986707	BAIDU241.8TS OPENB	EUR	6,5150	6,5150	6,5150			6,5150					
Certificate	NL0012986913	BAIDU245.8BS OPENB	EUR	4,6950	4,6950	4,6950			4,6950					
Certificate	NL0013001720	BAIDU258.1BS OPENB	EUR	5,7750	5,7750	5,7750			5,7750					
Certificate	NL0012986384	BAIDU261.8TS OPENB	EUR	8,4650	8,4650	8,4650			8,4650					
Certificate	NL0012795884	BAM LEVOPENZ	EUR	34,7100	34,7100	34,7100			34,7100					
Certificate	NL0012795926	BAM SHROPENZ	EUR	63,7700	63,7700	63,7700			63,7700					
Certificate	NL0010009213	BAM 1TL OPENB	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	NL0010009205	BAM 1.5TL OPENB	EUR	1,8000	1,8100	1,8000			1,8100					
Certificate	NL0010923975	BAM 2.3TL OPENB	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0012796171	BAM 3.6BON0619Z	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	NL0012796189	BAM 3.6BON0919Z	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012796460	BAM 3.9BON0919Z	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0012796478	BAM 4.1BON1219Z	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012546717	BAM 4.3TS OPENH	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0012795272	BAM 4.4BON0319Z	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	NL0013017072	BAM 1.77TL OPENB	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	NL0010899019	BAM 2.02TL OPENB	EUR	1,2900	1,3100	1,2900	458,5000	1	1,2900	350				
Certificate	DE000CV4YY88	BAM 2.18TL OPENZ	EUR	1,0600	1,0600	1,0350	530,0000	1	1,0350	500				
Certificate	NL0011041744	BAM 2.19TL OPENH	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CV4YY96	BAM 2.43TL OPENZ	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000CR4HAK2	BAM 2.46TL OPENZ	EUR	0,6450	0,6450	0,6450			0,6450					
Certificate	LU1840980830	BAM 2.47TCIOPENS	EUR	0,7900	0,7900	0,7600	237,0000	1	0,7600	300				
Certificate	NL0010931093	BAM 2.56TL OPENB	EUR	0,8100	0,8400	0,8000	8181,5000	6	0,8100	9950				
Certificate	NL0011041736	BAM 2.62TL OPENH	EUR	0,8500	0,8500	0,7900	1700,0000	1	0,7900	2000				
Certificate	NL0013016454	BAM 2.67BL OPENB	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CV4YYA2	BAM 2.68TL OPENZ	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	NL0011653092	BAM 2.77BL OPENB	EUR	0,4200	0,4400	0,4200	860,4200	2	0,4200	2001				
Certificate	NL0013019136	BAM 2.81TL OPENB	EUR	0,5800	0,5840	0,5800			0,5840					
Certificate	LU1650919225	BAM 2.83TCIOPENS	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0013146467	BAM 2.87BL OPENB	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	NL0013127210	BAM 2.93TL OPENH	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CJ3PU22	BAM 2.94TL OPENZ	EUR											
Certificate	DE000CJ3PVR8	BAM 2.94TL OPENZ	EUR	0,1650	0,1650	0,1650			0,1650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1859912450	BAM 2.96TCIOPENS	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	NL0013016660	BAM 2.9985 OPENB	EUR											
Certificate	NL0013125578	BAM 3.02TS OPENH	EUR											
Certificate	NL0013016082	BAM 3.03TS OPENB	EUR											
Certificate	NL0013010176	BAM 3.28TS OPENB	EUR	0,6800	0,6800	0,6700			0,6700					
Certificate	NL0012796999	BAM 3.29BOC0619Z	EUR	2,9850	2,9850	2,9850			2,9850					
Certificate	NL0012900252	BAM 3.42TS OPENH	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	NL0013110265	BAM 3.43BOC0919Z	EUR	3,0350	3,0350	3,0350			3,0350					
Certificate	NL0012900245	BAM 3.52TS OPENH	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0012995229	BAM 3.53TS OPENB	EUR	0,9700	0,9700	0,9600			0,9600					
Certificate	NL0013110273	BAM 3.57BOC1219Z	EUR	3,0550	3,0550	3,0550			3,0550					
Certificate	NL0012894604	BAM 3.61TS OPENH	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CV8B3N4	BAM 3.71TL OPENZ	EUR											
Certificate	NL0012891683	BAM 3.71TS OPENH	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	NL0012796197	BAM 3.75BON1219Z	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012992648	BAM 3.78TS OPENB	EUR	1,2600	1,2600	1,2500			1,2500					
Certificate	NL0012914683	BAM 3.87TS OPENH	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	NL0012969760	BAM 4.04TS OPENB	EUR	1,5500	1,5500	1,5400			1,5400					
Certificate	NL0012915425	BAM 4.07TS OPENH	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	NL0012608509	BAM 4.23TS OPENH	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	NL0012793004	BAM 4.49BOC1218B	EUR	3,0700	3,0800	3,0700			3,0800					
Certificate	NL0012608491	BAM 4.52TS OPENH	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	NL0012546709	BAM 4.69TS OPENH	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	NL0012438204	BAM 4.89TS OPENH	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0012438196	BAM 5.27TS OPENH	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	NL0012240501	BAM 5.56TS OPENH	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	DE000CR1HSL8	BAM 1.863TL OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000CJ3PAF7	BAM 2.092TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	NL0011900022	BAM 2.239BL OPENB	EUR	0,9500	0,9700	0,9500	9700,0000	3	0,9500	10000				
Certificate	DE000CR4HAJ4	BAM 2.341TL OPENZ	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	NL0011816095	BAM 2.504BL OPENB	EUR	0,6800	0,6900	0,6800			0,6900					
Certificate	DE000CR6X1L6	BAM 2.569TL OPENZ	EUR	0,5400	0,5400	0,5350	108,0000	1	0,5350	200				
Certificate	DE000CR6X5M5	BAM 2.681TL OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000CR6X7G3	BAM 2.792TL OPENZ	EUR	0,3400	0,3500	0,3000	31130,2000	54	0,3050	100829				
Certificate	DE000CJ3PPQ2	BAM 3.059TS OPENZ	EUR											
Certificate	NL0013009012	BAM 3.239BS OPENB	EUR	0,2800	0,2800	0,2700			0,2700					
Certificate	DE000CJ3PAG5	BAM 3.305TS OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	NL0012994909	BAM 3.489BS OPENB	EUR	0,5300	0,5300	0,5200			0,5200					
Certificate	DE000CV8B9X0	BAM 3.554TS OPENZ	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	NL0012992325	BAM 3.737BS OPENB	EUR	0,7800	0,7800	0,7700			0,7700					
Certificate	NL0012975270	BAM 3.987BS OPENB	EUR	1,0300	1,0300	1,0200			1,0200					
Certificate	DE000CV89DU2	BAM 4.045TS OPENZ	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	DE000CE6FK99	BAM 4.536TS OPENZ	EUR	1,4750	1,4750	1,4750			1,4750					
Certificate	DE000CV4Z4N8	BAR 86.6TL OPENZ	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0013013279	BAR 93.6BL OPENB	EUR	1,4150	1,4150	1,3150			1,3150					
Certificate	DE000CJ3PRT2	BAR 94.6TL OPENZ	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0013013550	BAR 104.9BS OPENB	EUR											
Certificate	NL0013006737	BAR 114.9BS OPENB	EUR	1,1750	1,2550	1,1750			1,2550					
Certificate	NL0013006745	BAR 124.9BS OPENB	EUR	2,1750	2,2550	2,1750			2,2550					
Certificate	DE000CE6CQG7	BAR 64.94TL OPENZ	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	DE000CE6CQF9	BAR 72.62TL OPENZ	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000CE6EM83	BAR 79.07TL OPENZ	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0013016397	BAR 83.59BL OPENB	EUR	2,4150	2,4150	2,3150			2,3150					
Certificate	NL0013008642	BAR 88.59BL OPENB	EUR	1,9150	1,9150	1,8150			1,8150					
Certificate	DE000CQ5A198	BARIK 15TS OPENC	EUR	0,1500	0,1500	0,1500			0,1500					
Certificate	DE000CY51V68	BARIK 16TS OPENC	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	DE000CN6EWL0	BARIK 6.85TL OPENZ	EUR	5,9550	5,9550	5,7350			5,7350					
Certificate	DE000CN6GT09	BARIK 8.15TL OPENZ	EUR	4,8750	4,8750	4,6450			4,6450					
Certificate	DE000CV8BE77	BARIK 9.21TL OPENZ	EUR	3,7650	3,7650	3,7650			3,7650					
Certificate	DE000CJ3NTZ0	BARIK10.68TL OPENZ	EUR	2,7600	2,8200	2,5250	310,3200	2	2,5250	111				
Certificate	DE000CJ3PE89	BARIK12.18TL OPENZ	EUR	1,2800	1,2800	1,2550	1280,0000	1	1,2550	1000				
Certificate	DE000CR9S837	BARN 1065TL OPENZ	EUR	7,9800	7,9800	7,9700			7,9700					
Certificate	DE000CD61W52	BARN 1194TL OPENZ	EUR	6,8400	6,8700	6,8300	6,8700	1	6,8300	1				
Certificate	DE000CE6F8D8	BARN 1422TL OPENZ	EUR	4,8450	4,8450	4,8450			4,8450					
Certificate	DE000CJ3PB84	BARN 1721TL OPENZ	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	DE000CR6YPL8	BARN 962.2TL OPENZ	EUR	8,8700	8,8700	8,8600			8,8600					
Certificate	NL0011927678	BASF 64TL OPENH	EUR	0,9500	1,0100	0,9500			1,0100					
Certificate	NL0013018104	BASF 69TS OPENB	EUR											
Certificate	NL0013010002	BASF 74TS OPENB	EUR	1,0750	1,0750	1,0250			1,0250					
Certificate	NL0013005549	BASF 79TS OPENB	EUR	1,6150	1,6150	1,5650			1,5650					
Certificate	NL0012582225	BASF 94TS OPENH	EUR	3,1900	3,1900	3,1500			3,1500					
Certificate	NL0009169655	BASF 8.6TL OPENB	EUR	6,1850	6,1850	6,1850			6,1850					



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	NL0009179464	BASF 16.6TL OPENB	EUR	5,4350	5,4350	5,4350			5,4350					
Certificate	NL0009262054	BASF 21.3TL OPENB	EUR	4,9950	4,9950	4,9950			4,9950					
Certificate	NL0010130555	BASF 44.1TL OPENB	EUR	2,8750	2,8750	2,8750			2,8750					
Certificate	NL0011052535	BASF 47.4TL OPENH	EUR	2,5000	2,5600	2,5000			2,5600					
Certificate	NL0010133468	BASF 47.8TL OPENB	EUR	2,5100	2,5450	2,5050	22770,0000	2	2,5350	9000				
Certificate	NL0013011695	BASF 52.8TL OPENB	EUR	2,0150	2,0550	2,0150			2,0550					
Certificate	NL0011720685	BASF 54.6TL OPENH	EUR	1,8300	1,8900	1,8300			1,8900					
Certificate	NL0013011323	BASF 57.2BL OPENB	EUR	1,2750	1,3250	1,2750			1,3250					
Certificate	NL0013011703	BASF 57.8TL OPENB	EUR	1,5450	1,5950	1,5450			1,5950					
Certificate	NL0011889605	BASF 60.5TL OPENH	EUR	1,2800	1,3400	1,2800			1,3400					
Certificate	NL0013007594	BASF 61.2BL OPENB	EUR	0,8750	1,0400	0,8750	2567,9200	2	0,9250	2498				
Certificate	NL0011893516	BASF 62.5TL OPENH	EUR	1,0900	1,2400	1,0900	992,0000	1	1,1500	800				
Certificate	NL0013012164	BASF 62.8TL OPENB	EUR	1,0850	1,1250	1,0850			1,1250					
Certificate	NL0013017692	BASF 67.7BS OPENB	EUR											
Certificate	NL0013125586	BASF 68.4TS OPENH	EUR											
Certificate	NL0013129661	BASF 70.4TS OPENH	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	NL0012906978	BASF 78.6TS OPENH	EUR	1,5300	1,5300	1,4900			1,4900					
Certificate	NL0012935621	BASF 81.6TS OPENH	EUR	1,8500	1,8500	1,8100			1,8100					
Certificate	NL0012933196	BASF 83.7TS OPENH	EUR	2,0800	2,0800	2,0400			2,0400					
Certificate	NL0012988737	BASF 83.9TS OPENB	EUR	2,1350	2,1350	2,0950			2,0950					
Certificate	NL0012919609	BASF 85.6TS OPENH	EUR	2,2800	2,2800	2,2400			2,2400					
Certificate	NL0012916969	BASF 87.5TS OPENH	EUR	2,4900	2,4900	2,4500			2,4500					
Certificate	NL0012794887	BASF 88.8TS OPENB	EUR	2,6650	2,6650	2,6150			2,6150					
Certificate	NL0012864532	BASF 89.5TS OPENH	EUR	2,7000	2,7000	2,6600			2,6600					
Certificate	NL0012862312	BASF 91.4TS OPENH	EUR	2,9100	2,9100	2,8700			2,8700					
Certificate	NL0012846992	BASF 93.3TS OPENH	EUR	3,1200	3,1200	3,0700			3,0700					
Certificate	NL0012846984	BASF 99.2TS OPENH	EUR	3,7500	3,7500	3,7100			3,7100					
Certificate	NL0011052469	BASF 100.6TS OPENH	EUR	3,9000	3,9000	3,8600			3,8600					
Certificate	NL0012208326	BASF 110.2TS OPENH	EUR	4,9400	4,9400	4,9000			4,9000					
Certificate	DE000CN6H848	BASF 48.51TL OPENZ	EUR	2,0000	2,1300	2,0000			2,1300					
Certificate	NL0013016405	BASF 53.19BL OPENB	EUR	1,6750	1,7250	1,6750			1,7250					
Certificate	DE000CR1K455	BASF 53.96TL OPENZ	EUR	1,4600	1,6000	1,4600	800,0000	1	1,5900	500				
Certificate	DE000CN6KKN8	BASF 59.87TL OPENZ	EUR	0,8700	1,0000	0,8700			1,0000					
Certificate	NL0013006976	BASF 75.67BS OPENB	EUR	0,7150	0,7150	0,6650			0,6650					
Certificate	NL0012998504	BASF 83.64BS OPENB	EUR	1,5050	1,5050	1,4650			1,4650					
Certificate	NL0012998512	BASF 91.61BS OPENB	EUR	2,3050	2,3050	2,2550			2,2550					
Certificate	NL0009706761	BASKE2 632STN0524V	EUR	107,0000	107,0000	107,0000			107,0000					
Certificate	NL0000290328	BASKT PI OPENN	EUR	14,5900	14,9500	14,5900			14,9500					
Certificate	XS1193698435	BASKT STN0825K	EUR											
Certificate	XS1396707280	BASKT STN0923K	SEK											
Certificate	XS1396707447	BASKT STN0925K	SEK											
Certificate	XS0868034884	BASKT STN1232R	EUR											
Certificate	DE000CJ3NNE8	BATS 23.46TL OPENZ	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CV881F4	BATS 27.48TL OPENZ	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CJ3PF21	BATS 30.98TL OPENZ	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	NL0012916977	BAYER 99TS OPENH	EUR	3,6400	3,6600	3,6400			3,6600					
Certificate	NL0013129679	BAYER 24.2TL OPENH	EUR	4,7600	4,7600	4,7500			4,7500					
Certificate	NL0012911804	BAYER 30.2TL OPENH	EUR	4,2000	4,2000	4,1900			4,1900					
Certificate	NL0012911796	BAYER 36.3TL OPENH	EUR	3,6400	3,6900	3,6300	479,7000	1	3,6300	130				
Certificate	NL0012911788	BAYER 42.3TL OPENH	EUR	3,0700	3,0700	3,0600			3,0600					
Certificate	NL0011713052	BAYER 49.3TL OPENH	EUR	2,4600	2,5100	2,4500	1255,0000	1	2,4500	500				
Certificate	NL0011413497	BAYER 55.6TL OPENH	EUR	1,8600	1,9600	1,8500	1988,1000	4	1,8500	1030				
Certificate	NL0013018021	BAYER 56.9TL OPENB	EUR	1,7250	1,7250	1,7050			1,7050					
Certificate	NL0013124381	BAYER 59.3TL OPENH	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0013015829	BAYER 59.7TL OPENB	EUR	1,4650	1,4650	1,4450	290,0000	1	1,4450	200				
Certificate	NL0012996334	BAYER 62.6TL OPENB	EUR	1,2050	1,2050	1,1850			1,1850					
Certificate	NL0011733381	BAYER 62.7TL OPENH	EUR	1,1900	1,3100	1,1800	1205,0000	3	1,1800	950				
Certificate	NL0013128200	BAYER 64.3TL OPENH	EUR	1,0200	1,0200	1,0100			1,0100					
Certificate	NL0013126709	BAYER 65.3TL OPENH	EUR	0,9300	0,9600	0,9200	480,0000	1	0,9200	500				
Certificate	NL0013126386	BAYER 68.2TS OPENH	EUR											
Certificate	NL0013126691	BAYER 70.1TS OPENH	EUR											
Certificate	NL0013018112	BAYER 70.8TS OPENB	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	NL0013015993	BAYER 74.4TS OPENB	EUR	1,0250	1,0450	1,0150	30,6000	1	1,0450	30				
Certificate	NL0013015571	BAYER 78.2TS OPENB	EUR	1,4350	1,4550	1,4350			1,4550					
Certificate	NL0012901417	BAYER 79.9TS OPENH	EUR	1,5800	1,6100	1,5800			1,6100					
Certificate	NL0012995146	BAYER 82.2TS OPENB	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	NL0013002959	BAYER 86.4TS OPENB	EUR	2,3150	2,3350	2,3150			2,3350					
Certificate	NL0012923601	BAYER 97.1TS OPENH	EUR	3,4300	3,4600	3,4300			3,4600					
Certificate	NL0012911697	BAYER100.9TS OPENH	EUR	3,8400	3,8700	3,8400			3,8700					
Certificate	DE000CV50186	BAYER102.5TS OPENZ	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	NL0012911689	BAYER102.9TS OPENH	EUR	4,0600	4,0800	4,0600			4,0800					
Certificate	NL0012911671	BAYER104.9TS OPENH	EUR	4,2700	4,2900	4,2700			4,2900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012911663	BAYER106.9TS OPENH	EUR	4,4800	4,5100	4,4800			4,5100					
Certificate	DE000CE6D776	BAYER115.5TS OPENZ	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	NL0012522361	BAYER117.1TS OPENH	EUR	5,6700	5,6900	5,6700			5,6900					
Certificate	NL0011229943	BAYER121.7TS OPENH	EUR	6,1800	6,2000	6,1800			6,2000					
Certificate	NL0012911655	BAYER130.7TS OPENH	EUR	7,0400	7,0600	7,0400			7,0600					
Certificate	NL0012911648	BAYER136.6TS OPENH	EUR	7,6800	7,7000	7,6800			7,7000					
Certificate	NL0012911630	BAYER142.5TS OPENH	EUR	8,3200	8,3400	8,3200			8,3400					
Certificate	NL0012911622	BAYER148.5TS OPENH	EUR	8,9600	8,9800	8,9600			8,9800					
Certificate	NL0012911614	BAYER154.4TS OPENH	EUR	9,5900	9,6200	9,5900			9,6200					
Certificate	NL0011406889	BBVA. 7.8TS OPENH	EUR	3,5900	3,5900	3,5200			3,5200					
Certificate	NL0011406905	BBVA. 7.44TS OPENH	EUR	3,1800	3,1800	3,1100			3,1100					
Certificate	NL0011406897	BBVA. 7.61TS OPENH	EUR	3,3700	3,3700	3,3100			3,3100					
Certificate	NL0011406871	BBVA. 7.99TS OPENH	EUR	3,7900	3,7900	3,7200			3,7200					
Certificate	DE000CV8AWD1	BBVA. 3.519TL OPENZ	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000CV89BS0	BBVA. 4.027TL OPENZ	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000CD61TB5	BBVA. 4.529TL OPENZ	EUR	0,5500	0,6500	0,5500			0,6500					
Certificate	DE000CJ3N1J2	BCART 6.06TL OPENZ	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	DE000CJ3NVH4	BCART 6.96TL OPENZ	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CV4ZMD8	BCART 7.86TL OPENZ	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CV4ZMC0	BCART 8.97TL OPENZ	EUR	0,8300	0,8500	0,8300	5540,0000	11	0,8300	6550				
Certificate	DE000CV4ZMB2	BCART10.07TL OPENZ	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CJ3N8X8	BCART10.97TL OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CE6C5R7	BEFB 35.3TL OPENZ	EUR	1,5850	1,5850	1,5850			1,5850					
Certificate	DE000CV89FN2	BEFB 31.04TL OPENZ	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	DE000CE6C5Q9	BEFB 40.53TL OPENZ	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	DE000CE6C4B4	BEFB 45.74TL OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	NL0012897805	BEIER100.1TS OPENH	EUR	1,5600	1,5800	1,5600			1,5800					
Certificate	NL0012936140	BEIER101.8TS OPENH	EUR	1,7400	1,7600	1,7400			1,7600					
Certificate	NL0012580674	BEIER104.8TS OPENH	EUR	2,0700	2,0900	2,0700			2,0900					
Certificate	NL0012847974	BEIER104.8TS OPENH	EUR	2,0600	2,0800	2,0600			2,0800					
Certificate	NL0012555593	BEIER105.5TS OPENH	EUR	2,1400	2,1600	2,1400			2,1600					
Certificate	NL0011417209	BEIER110.3TS OPENH	EUR	2,6500	2,6700	2,6500			2,6700					
Certificate	NL0012847966	BEIER114.7TS OPENH	EUR	3,1200	3,1400	3,1200			3,1400					
Certificate	NL0011417191	BEIER117.7TS OPENH	EUR	3,4500	3,4700	3,4500			3,4700					
Certificate	NL0012864540	BEIER126.7TS OPENH	EUR	4,4200	4,4400	4,4200			4,4400					
Certificate	NL0011054937	BEIER62.11TL OPENH	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	DE000CR9Q039	BEIER65.78TL OPENZ	EUR	2,6250	2,6400	2,6250			2,6400					
Certificate	NL0011713102	BEIER68.21TL OPENH	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	NL0011417282	BEIER70.35TL OPENH	EUR	2,6400	2,6400	2,6300			2,6300					
Certificate	DE000CR6XYD9	BEIER73.79TL OPENZ	EUR	1,8250	1,8400	1,8250			1,8400					
Certificate	NL0011417274	BEIER74.55TL OPENH	EUR	2,2500	2,2500	2,2400			2,2400					
Certificate	NL0012052120	BEIER78.42TL OPENH	EUR	1,8900	1,8900	1,8800			1,8800					
Certificate	NL0012057921	BEIER80.68TL OPENH	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	NL0012095475	BEIER82.72TL OPENH	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CE6BPF3	BEIER82.72TL OPENZ	EUR	0,9350	0,9500	0,9350			0,9500					
Certificate	NL0012178842	BEIER84.72TL OPENH	EUR	1,3000	1,3000	1,2900			1,2900					
Certificate	NL0012600910	BEIER87.43TL OPENH	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0013127228	BEIER93.98TS OPENH	EUR	0,9000	0,9200	0,9000			0,9200					
Certificate	NL0013079148	BEIER95.84TS OPENH	EUR	1,1000	1,1200	1,1000			1,1200					
Certificate	NL0013079270	BEIER97.84TS OPENH	EUR	1,3100	1,3300	1,3100			1,3300					
Certificate	NL0012374763	BEKB 40TS OPENH	EUR	2,7100	2,7300	2,7100			2,7300					
Certificate	NL0012584452	BEKB 41TS OPENH	EUR	2,8300	2,8500	2,8300			2,8500					
Certificate	NL0012372288	BEKB 44TS OPENH	EUR	3,1800	3,2000	3,1800			3,2000					
Certificate	NL0011740808	BEKB 47TS OPENH	EUR	3,5300	3,5500	3,5300			3,5500					
Certificate	NL0012197396	BEKB 52TS OPENH	EUR	4,1200	4,1400	4,1200			4,1400					
Certificate	NL0011049853	BEKB 17.5TL OPENH	EUR	0,5000	0,5000	0,4800			0,4800					
Certificate	NL0013128218	BEKB 18.9TL OPENH	EUR	0,3800	0,3800	0,3500			0,3500					
Certificate	NL0013127236	BEKB 19.3TS OPENH	EUR											
Certificate	NL0013085020	BEKB 20.7TS OPENH	EUR	0,4400	0,4600	0,4400			0,4600					
Certificate	NL0012905012	BEKB 22.8TS OPENH	EUR	0,6800	0,7000	0,6800	345,0000	1	0,7000	500				
Certificate	NL0012936603	BEKB 23.2TS OPENH	EUR	0,7300	0,7500	0,7300			0,7500					
Certificate	NL0012936157	BEKB 23.7TS OPENH	EUR	0,7900	0,8100	0,7900			0,8100					
Certificate	NL0012931059	BEKB 24.3TS OPENH	EUR	0,8600	0,8800	0,8600			0,8800					
Certificate	NL0012933782	BEKB 24.8TS OPENH	EUR	0,9200	0,9400	0,9200			0,9400					
Certificate	NL0012931042	BEKB 25.3TS OPENH	EUR	0,9700	0,9900	0,9700			0,9900					
Certificate	NL0012928345	BEKB 27.7TS OPENH	EUR	1,2600	1,2800	1,2600			1,2800					
Certificate	NL0012925754	BEKB 28.2TS OPENH	EUR	1,3200	1,3400	1,3200			1,3400					
Certificate	NL0012923007	BEKB 28.8TS OPENH	EUR	1,3900	1,4100	1,3900			1,4100					
Certificate	NL0012919625	BEKB 29.3TS OPENH	EUR	1,4400	1,4700	1,4400			1,4700					
Certificate	NL0012914758	BEKB 29.8TS OPENH	EUR	1,5000	1,5200	1,5000			1,5200					
Certificate	NL0012914741	BEKB 30.3TS OPENH	EUR	1,5600	1,5800	1,5600			1,5800					
Certificate	NL0012915433	BEKB 30.8TS OPENH	EUR	1,6200	1,6400	1,6200			1,6400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012911812	BEKB 32.2TS OPENH	EUR	1,7900	1,8100	1,7900			1,8100					
Certificate	NL0012909360	BEKB 34.3TS OPENH	EUR	2,0300	2,0500	2,0300			2,0500					
Certificate	NL0012599989	BEKB 35.3TS OPENH	EUR	2,1500	2,1700	2,1500			2,1700					
Certificate	NL0012590954	BEKB 36.2TS OPENH	EUR	2,2600	2,2800	2,2600			2,2800					
Certificate	NL0012592406	BEKB 37.2TS OPENH	EUR	2,3800	2,4000	2,3800			2,4000					
Certificate	NL0012586424	BEKB 38.2TS OPENH	EUR	2,4900	2,5100	2,4900			2,5100					
Certificate	NL0012372296	BEKB 42.1TS OPENH	EUR	2,9500	2,9700	2,9500			2,9700					
Certificate	NL0012199632	BEKB 50.1TS OPENH	EUR	3,9000	3,9200	3,9000			3,9200					
Certificate	NL0012313928	BEKB 57.4TS OPENH	EUR	4,7500	4,7700	4,7500			4,7700					
Certificate	NL0012368054	BEKB 57.5TS OPENH	EUR	4,7700	4,7900	4,7700			4,7900					
Certificate	NL0013011331	BEKB 13.088L OPENB	EUR	1,5000	1,5000	1,4600			1,4600					
Certificate	DE000CJ3N8W0	BEKB 13.34TL OPENZ	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	NL0013006901	BEKB 15.088L OPENB	EUR	1,1000	1,1000	1,0500	420,0000	1	1,0600	400				
Certificate	DE000CV8AY82	BEKB 15.34TL OPENZ	EUR	1,1600	1,1800	1,1400	3736,0000	2	1,1400	3200				
Certificate	DE000CJ3PM20	BEKB 16.84TL OPENZ	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	NL0012992820	BEKB 17.088L OPENB	EUR	0,7000	0,7000	0,6600	3750,0000	2	0,6600	5500				
Certificate	NL0013014392	BEKB 19.368S OPENB	EUR											
Certificate	NL0012993075	BEKB 23.358S OPENB	EUR	0,7500	0,7800	0,7500			0,7800					
Certificate	NL0012993083	BEKB 27.338S OPENB	EUR	1,5400	1,5700	1,5400			1,5700					
Certificate	NL0006468761	BEL 700TL OPENB	EUR	28,5100	28,5100	28,5100			28,5100					
Certificate	NL0006467441	BEL 790TL OPENB	EUR	27,6200	27,6200	27,6200			27,6200					
Certificate	NL0009998731	BEL 1370TL OPENB	EUR	22,0000	22,0000	22,0000			22,0000					
Certificate	NL0010898466	BEL 2480TL OPENB	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	NL0010898482	BEL 2700TL OPENB	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	NL0010912051	BEL 2800TL OPENB	EUR	8,0600	8,0600	8,0600			8,0600					
Certificate	NL0011648431	BEL 2920TL OPENB	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	NL0011901962	BEL 3030TL OPENB	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	NL0011909189	BEL 3140TL OPENB	EUR	4,7500	4,8000	4,7500	1425,0000	1	4,8000	300				
Certificate	NL0012030019	BEL 3240TL OPENB	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	NL0012499214	BEL 4090TS OPENB	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	NL0012499909	BEL 4190TS OPENB	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	NL0009064757	BEL20 170TL OPENB	EUR	33,6900	33,6900	33,6900			33,6900					
Certificate	NL0009070978	BEL20 1130TL OPENB	EUR	24,3200	24,3200	24,3200			24,3200					
Certificate	NL0009172469	BEL20 1250TL OPENB	EUR	23,1300	23,1300	23,1300			23,1300					
Certificate	NL0010047973	BEL20 1480TL OPENB	EUR	20,9200	20,9200	20,9200			20,9200					
Certificate	NL0010126512	BEL20 1590TL OPENB	EUR	19,8400	19,8400	19,8400			19,8400					
Certificate	NL0010254058	BEL20 1930TL OPENB	EUR	16,5300	16,5300	16,5300			16,5300					
Certificate	NL0010281499	BEL20 2030TL OPENB	EUR	15,5400	15,5400	15,5400			15,5400					
Certificate	NL0010514667	BEL20 2250TL OPENB	EUR	13,4400	13,4400	13,4400			13,4400					
Certificate	NL0010148698	BEL20 2320TL OPENA	EUR											
Certificate	NL0011036686	BEL20 2350TL OPENH	EUR	12,5400	12,5400	12,5400			12,5400					
Certificate	NL0011231840	BEL20 2470TL OPENH	EUR	11,3900	11,3900	11,3900			11,3900					
Certificate	NL0010606828	BEL20 2480TL OPENB	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	NL0011054713	BEL20 2480TL OPENH	EUR	11,3700	11,3700	11,3700			11,3700					
Certificate	DE000CV87T63	BEL20 2524TL OPENZ	EUR	2,0600	2,0600	2,0000			2,0000					
Certificate	NL0011036678	BEL20 2570TL OPENH	EUR	10,4700	10,4700	10,4700			10,4700					
Certificate	NL0011036660	BEL20 2780TL OPENH	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	NL0011036652	BEL20 2890TL OPENH	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	DE000CE6DJP1	BEL20 2928TL OPENZ	EUR	1,2500	1,2500	1,1900			1,1900					
Certificate	DE000CE6EVU4	BEL20 3027TL OPENZ	EUR	1,0500	1,0500	0,9900			0,9900					
Certificate	DE000CE6DJK2	BEL20 3128TL OPENZ	EUR	0,8500	0,8500	0,7900			0,7900					
Certificate	DE000CE6EVT6	BEL20 3226TL OPENZ	EUR	0,6500	0,6500	0,6000	1240,0000	1	0,6000	2000				
Certificate	DE000CE6DJI0	BEL20 3327TL OPENZ	EUR	0,4500	0,4800	0,4000	930,0000	2	0,4000	2000				
Certificate	NL0013145535	BEL20 3340TL OPENB	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	NL0013017981	BEL20 3480TS OPENB	EUR											
Certificate	DE000CJ3PLT5	BEL20 3573TS OPENZ	EUR	0,0680	0,1200	0,0400	160,0000	1	0,1200	4000				
Certificate	NL0013015241	BEL20 3580TS OPENB	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0013009392	BEL20 3680TS OPENB	EUR	1,7800	1,9700	1,7400	267,0000	2	1,9700	150				
Certificate	DE000CV8B9S0	BEL20 3772TS OPENZ	EUR	0,4600	0,5200	0,4400	6650,0000	3	0,5200	14500				
Certificate	NL0012995039	BEL20 3790TS OPENB	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	NL0012684161	BEL20 3890TS OPENB	EUR	4,5100	4,8700	4,5100	270,6000	1	4,8700	60				
Certificate	DE000CE6DJQ9	BEL20 3970TS OPENZ	EUR	0,8600	0,9100	0,8600			0,9100					
Certificate	NL0011591417	BEL20 4090TS OPENH	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	DE000CE6EVV2	BEL20 4090TS OPENZ	EUR	1,1000	1,1500	1,1000			1,1500					
Certificate	DE000CE6DJR7	BEL20 4258TS OPENZ	EUR	1,4300	1,4900	1,4300			1,4900					
Certificate	DE000CE6EVW0	BEL20 4378TS OPENZ	EUR	1,6700	1,7300	1,6700			1,7300					
Certificate	NL0012679740	BEL20 4380TS OPENB	EUR	9,5100	9,8900	9,5100	19020,0000	1	9,8900	2000				
Certificate	DE000CE6DJ55	BEL20 4546TS OPENZ	EUR	2,0100	2,0700	2,0100			2,0700					
Certificate	DE000CE6E8Q1	BEL20 4744TS OPENZ	EUR	2,4000	2,4600	2,4000			2,4600					
Certificate	DE000CV4ZC00	BEL20 4862TS OPENZ	EUR	2,6400	2,7000	2,6400			2,7000					
Certificate	DE000CV8ACK8	BERKS 165TL 1218Z	EUR	1,8050	1,8050	1,8050			1,8050					
Certificate	DE000CV8ACL6	BERKS 175TL 1218Z	EUR	1,3650	1,3650	1,3650			1,3650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV8ACM4	BERKS 185TL 1218Z	EUR	0,9900	0,9900	0,9250	2475,0000	1	0,9250	2500				
Certificate	DE000CV8ARP5	BERKS 195TL 1218Z	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	NL0011806781	BERKS 106.TL OPENB	EUR	9,2900	9,2900	9,2900			9,2900					
Certificate	NL0011658216	BERKS 146.TL OPENB	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	NL0010653267	BERKS#####TL OPENB	EUR	10,6400	10,6400	10,6400			10,6400					
Certificate	NL0010281622	BERKS#####TL OPENB	EUR	14,0500	14,0500	14,0500			14,0500					
Certificate	NL0009332956	BERKS#####TL OPENB	EUR	17,1000	17,1000	17,1000			17,1000					
Certificate	NL0009070663	BERKS#####TL OPENB	EUR	18,2900	18,2900	18,2900			18,2900					
Certificate	NL0009991884	BERKS#####TL OPENB	EUR	16,1400	16,1400	16,1400			16,1400					
Certificate	NL0010126488	BERKS#####TL OPENB	EUR	15,0400	15,0400	15,0400			15,0400					
Certificate	NL0010377180	BERKS#####TL OPENB	EUR	12,2300	12,2300	12,2300			12,2300					
Certificate	NL0010286423	BERKS#####TL OPENB	EUR	13,2800	13,2800	13,2800			13,2800					
Certificate	DE000CV89NNR7	BERKS#####TL OPENZ	EUR	5,1400	5,1400	5,1400			5,1400					
Certificate	DE000CV89WX6	BERKS#####TL OPENZ	EUR	10,3900	10,3900	10,3900			10,3900					
Certificate	DE000CR1K5T0	BERKS#####TL OPENZ	EUR	9,2400	9,2400	9,2400			9,2400					
Certificate	DE000CV8A6E7	BERKS#####TL OPENZ	EUR	1,1850	1,1850	1,1850			1,1850					
Certificate	DE000CV89NS5	BERKS#####TL OPENZ	EUR	3,8900	3,8900	3,8250	778,0000	1	3,8250	200				
Certificate	DE000CV89YT0	BERKS#####TL OPENZ	EUR	2,5050	2,5050	2,5050			2,5050					
Certificate	DE000CN6JUK5	BERKS#####TL OPENZ	EUR	7,8000	7,8000	7,8000			7,8000					
Certificate	DE000CR9Q0E9	BERKS#####TL OPENZ	EUR	10,0200	10,0200	10,0200			10,0200					
Certificate	DE000CV89NQ9	BERKS#####TL OPENZ	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	DE000CR9QCH4	BERKS#####TL OPENZ	EUR											
Certificate	DE000CV89WW8	BERKS#####TL OPENZ	EUR	7,7300	7,7300	7,7300			7,7300					
Certificate	DE000CV8BCE9	BERKS#####TS OPENZ	EUR	9,9700	9,9700	9,9700			9,9700					
Certificate	DE000CV89QQ2	BERKS#####TS OPENZ	EUR	4,6850	4,6850	4,6850			4,6850					
Certificate	DE000CV8A609	BERKS#####TS OPENZ	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	DE000CJ3PN13	BERKS#####TS OPENZ	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	DE000CV89BF7	BERKS122.2TL OPENZ	EUR											
Certificate	NL0011652953	BERKS132.6TL OPENB	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	NL0012023634	BERKS134.9BL OPENB	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	NL0011652961	BERKS139.1TL OPENB	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	DE000CV899A7	BERKS239.3TS OPENZ	EUR	1,5450	1,5450	1,5450			1,5450					
Certificate	NL0006476996	BERKS68721TL OPENB	EUR	21,1700	21,1700	21,1700			21,1700					
Certificate	NL0000375046	BERKS85950TL OPENB	EUR	19,7300	19,7300	19,7300			19,7300					
Certificate	LU1859845593	BESI 16TCIOPENS	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	NL0011431184	BESI 1.64TL OPENB	EUR	37,2800	37,2800	37,2800			37,2800					
Certificate	NL0013016009	BESI 17.2TS OPENB	EUR											
Certificate	NL0013004930	BESI 19.7TS OPENB	EUR											
Certificate	NL0011434253	BESI 2.29TL OPENB	EUR	36,0600	36,0600	36,0600			36,0600					
Certificate	DE000CR9SHV0	BESI 2.63TL OPENZ	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	LU1841119933	BESI 20.5TPIOPENS	EUR	0,6700	0,8800	0,6700	996,4000	4	0,8300	1360				
Certificate	NL0012796585	BESI 22.58OC0919Z	EUR	19,7300	19,7300	19,7000	3354,1000	1	19,7000	170				
Certificate	NL0012796593	BESI 23.58OC1219Z	EUR	19,9300	19,9300	19,9300			19,9300					
Certificate	NL0011441613	BESI 3.87TL OPENB	EUR	33,1200	33,1200	33,1200			33,1200					
Certificate	NL0011909296	BESI 9.07TL OPENB	EUR	23,4600	23,4600	23,4600			23,4600					
Certificate	NL0011910245	BESI 9.58TL OPENB	EUR	22,5000	22,5000	22,5000			22,5000					
Certificate	NL0011915137	BESI 10.09TL OPENB	EUR	21,8900	21,8900	21,5600	43,7800	1	21,5600	2				
Certificate	DE000CJ3N6Y0	BESI 11.79TL OPENZ	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	NL0012034086	BESI 12.13TL OPENB	EUR	17,8100	17,8100	17,7400	17810,0000	1	17,7400	1000				
Certificate	DE000CV8ADT7	BESI 12.26TL OPENZ	EUR	0,8200	0,8200	0,7950	820,0000	1	0,7950	1000				
Certificate	LU1859834126	BESI 12.92TCIOPENS	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	NL0012104541	BESI 13.14TL OPENB	EUR	15,5300	15,8600	15,5300	46786,8300	5	15,8600	3003				
Certificate	DE000CV8AGK9	BESI 13.79TL OPENZ	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	DE000CV89P16	BESI 14.26TL OPENZ	EUR	0,6000	0,6000	0,5700	7160,0000	3	0,5850	12000				
Certificate	LU1859845320	BESI 14.82TCIOPENS	EUR	5,4400	5,7100	5,4000	12026,0000	4	5,6100	2160				
Certificate	LU1841120519	BESI 14.91TCIOPENS	EUR											
Certificate	DE000CJ3PL23	BESI 15.26TL OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	LU1859834399	BESI 15.34TCIOPENS	EUR											
Certificate	NL0013017049	BESI 15.64TL OPENB	EUR	5,5900	5,8000	5,4600	5736,0000	7	5,6100	1020				
Certificate	LU1859834472	BESI 15.69TCIOPENS	EUR											
Certificate	DE000CJ3PRU0	BESI 15.79TL OPENZ	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	DE000CJ3PQT4	BESI 16.25TL OPENZ	EUR	0,3900	0,4000	0,3900	3950,0000	2	0,3950	10000				
Certificate	LU1859832005	BESI 16.55TCIOPENS	EUR											
Certificate	LU1859904606	BESI 17.12TCIOPENS	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	LU1859833748	BESI 17.23TPIOPENS	EUR											
Certificate	DE000CJ3PUW0	BESI 17.25TL OPENZ	EUR											
Certificate	DE000CJ3PVH9	BESI 17.25TL OPENZ	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	DE000CJ3PTG5	BESI 17.25TL OPENZ	EUR											
Certificate	LU1859830488	BESI 18.17TPIOPENS	EUR											
Certificate	DE000CJ3PVJ5	BESI 18.25TL OPENZ	EUR	0,2100	0,2100	0,1900	600,0000	2	0,2050	3000				
Certificate	LU1859913854	BESI 18.52TCIOPENS	EUR	2,2700	2,2700	1,9100	139,6500	4	2,0400	70				
Certificate	DE000CJ3PHR7	BESI 18.59TS 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	LU1841119859	BESI 19.57TPIOPENS	EUR											
Certificate	DE000CV8AHB6	BESI 20.58TS OPENZ	EUR	0,0600	0,0750	0,0600	532,5000	3	0,0735	8500				
Certificate	NL0012984629	BESI 22.19TS OPENB	EUR	3,8600	3,8600	3,7900	3790,0000	1	3,8200	1000				
Certificate	LU1841120196	BESI 22.37TPIOPENS	EUR	2,5900	2,6800	2,5900	2072,0000	1	2,6800	800				
Certificate	DE000CV8ADU5	BESI 22.58TS OPENZ	EUR	0,2700	0,2800	0,2500	19200,0000	6	0,2650	73000				
Certificate	DE000CV89Q23	BESI 24.58TS OPENZ	EUR	0,4650	0,4650	0,4650								
Certificate	DE000CV89MV1	BESI 26.57TS OPENZ	EUR	0,6550	0,6550	0,6550								
Certificate	DE000CR9RQ23	BESI 3.134TL OPENZ	EUR	3,4100	3,4100	3,4100								
Certificate	NL0012699045	BESI 44.37TS OPENB	EUR	55,5600	55,5600	55,5600								
Certificate	DE000CN6KUL1	BESI 9.304TL OPENZ	EUR	2,1700	2,1700	2,1700								
Certificate	DE000CE6E5U9	BFIT 16.2TL OPENZ	EUR	12,5550	12,5550	12,5550								
Certificate	NL0012976963	BFIT 34.1TS OPENB	EUR	11,8800	11,8800	10,1500								
Certificate	NL0013001910	BFIT 36.1TS OPENB	EUR	14,1000	14,1000	12,3700								
Certificate	NL0011904636	BFIT 12.47TL OPENB	EUR	14,6400	16,3600	14,6400								
Certificate	NL0011911359	BFIT 14.55TL OPENB	EUR	12,7500	14,4700	12,7500								
Certificate	DE000CE6EXL9	BFIT 18.37TL OPENZ	EUR	10,5250	10,5250	10,5250								
Certificate	NL0012500334	BFIT 18.57TL OPENB	EUR	9,0800	10,8000	9,0800								
Certificate	NL0012511364	BFIT 19.58TL OPENB	EUR	8,1600	9,8800	8,1600								
Certificate	NL0012684906	BFIT 20.59TL OPENB	EUR	7,2500	8,9700	7,2500								
Certificate	DE000CV502Y7	BFIT 21.03TL OPENZ	EUR	8,0450	8,0450	8,0450								
Certificate	NL00127274269	BFIT 21.58TL OPENB	EUR	6,3500	8,0700	6,3500	234,0000	1	8,0700	30				
Certificate	DE000CV886X6	BFIT 23.15TL OPENZ	EUR	6,0550	6,0550	6,0550								
Certificate	NL0012785737	BFIT 23.58TL OPENB	EUR	4,5300	6,2500	4,5300								
Certificate	NL0012788707	BFIT 24.58TL OPENB	EUR	3,6200	5,3400	3,6200	1922,0000	3	5,3400	400				
Certificate	NL0013017254	BFIT 26.13TS OPENB	EUR											
Certificate	NL0013014194	BFIT 28.13TS OPENB	EUR	5,2600	5,2600	3,5300								
Certificate	NL0013005556	BFIT 30.13TS OPENB	EUR	7,4700	7,4700	5,7400								
Certificate	NL0013002942	BFIT 32.13TS OPENB	EUR	9,6900	9,6900	7,9600								
Certificate	DE000CE6DTS4	BHPBP10.95TL OPENZ	EUR	1,1800	1,1800	1,1800								
Certificate	DE000CE6DY22	BHPBP11.95TL OPENZ	EUR	0,9600	0,9600	0,9600								
Certificate	DE000CV87W92	BHPBP12.95TL OPENZ	EUR	0,7300	0,7300	0,7300								
Certificate	DE000CJ3NND0	BHPBP14.44TL OPENZ	EUR	0,3900	0,3900	0,3900								
Certificate	DE000CE6C808	BHPBP8.906TL OPENZ	EUR	0,8250	0,8250	0,8250								
Certificate	DE000CE6C4N9	BHPBP9.943TL OPENZ	EUR	0,7050	0,7050	0,7050								
Certificate	DE000CJ3N5F1	BIC 47.75TL OPENZ	EUR	1,8900	1,8900	1,8900								
Certificate	DE000CV88152	BIC 55.82TL OPENZ	EUR	1,4900	1,4900	1,4900								
Certificate	DE000CE6F629	BIC 65.83TL OPENZ	EUR	0,9900	0,9900	0,9900								
Certificate	DE000CJ3PLL2	BIC 74.81TL OPENZ	EUR	0,5400	0,5400	0,5400								
Certificate	NL0013129687	BIDU 182TL OPENH	EUR	0,2900	0,2900	0,1900								
Certificate	NL0013126394	BIDU 182TL OPENH	EUR											
Certificate	NL0013128226	BIDU 188TS OPENH	EUR											
Certificate	NL0013125594	BIDU 190TS OPENH	EUR											
Certificate	NL0013086085	BIDU 198.TS OPENH	EUR											
Certificate	NL0013086077	BIDU 204.TS OPENH	EUR											
Certificate	DE000CN6JPH1	BIDU 127.1TL OPENZ	EUR	5,9500	5,9500	5,9500								
Certificate	DE000CN6J8Y1	BIDU 139.4TL OPENZ	EUR	4,8700	4,8700	4,8700								
Certificate	DE000CR9RZH3	BIDU 152.7TL OPENZ	EUR	3,7100	3,7100	3,7100								
Certificate	NL0013081615	BIDU 160.5TL OPENH	EUR	0,4700	0,4700	0,3700								
Certificate	DE000CN6JUJ7	BIDU 164.9TL OPENZ	EUR	3,4400	3,4400	2,6400	755,5000	2		225				
Certificate	NL0012907547	BIDU 175.7TL OPENH	EUR	0,3400	0,3400	0,2400								
Certificate	NL0013127244	BIDU 178.1TL OPENH	EUR	0,3200	0,3200	0,2200								
Certificate	NL0013079163	BIDU 209.9TS OPENH	EUR	0,1400	0,2300	0,1400								
Certificate	NL0013079155	BIDU 213.9TS OPENH	EUR	0,1800	0,2700	0,1800								
Certificate	NL0012907844	BIDU 219.9TS OPENH	EUR	0,2300	0,3200	0,2300								
Certificate	NL0012907489	BIDU 223.9TS OPENH	EUR	0,2700	0,3600	0,2700								
Certificate	NL0012907471	BIDU 227.9TS OPENH	EUR	0,3100	0,4000	0,3100								
Certificate	NL0012934962	BIDU 235.4TS OPENH	EUR	0,4000	0,4900	0,4000								
Certificate	NL0012907463	BIDU 259.8TS OPENH	EUR	0,6000	0,6900	0,6000								
Certificate	DE000CJ3PGJ6	BIIBQ228.9TL OPENZ	EUR	1,7150	1,7150	1,7150								
Certificate	DE000CV8AG50	BIIBQ268.9TL OPENZ	EUR	1,0550	1,0550	1,0550								
Certificate	NL0013018666	BINCK 4TL OPENB	EUR	0,7350	0,7550	0,7350								
Certificate	NL0010175568	BINCK 3.1TL OPENB	EUR	1,6450	1,6450	1,6450								
Certificate	NL0012492250	BINCK 3.4TL OPENB	EUR	1,3850	1,4050	1,3850								
Certificate	NL0011900436	BINCK 3.5TL OPENB	EUR	1,2950	1,3150	1,2950								
Certificate	NL0012511885	BINCK 3.7TL OPENB	EUR	1,0450	1,0650	1,0450								
Certificate	NL0013015340	BINCK 3.8TL OPENB	EUR	0,9150	0,9350	0,9150								
Certificate	NL0013015837	BINCK 3.9TL OPENB	EUR	0,8250	0,8450	0,8250								
Certificate	NL0013015589	BINCK 4.3TS OPENB	EUR											
Certificate	NL0013015597	BINCK 4.6TS OPENB	EUR	0,7550	0,7550	0,7350								
Certificate	NL0013014533	BINCK 4.8TS OPENB	EUR	0,9750	0,9750	0,9550								
Certificate	NL0013010994	BINCK 5.1TS OPENB	EUR	1,3050	1,3050	1,2850								
Certificate	NL0013007321	BINCK 5.2TS OPENB	EUR	1,5250	1,5250	1,5050								



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012995807	BINCK 5.6TS OPENB	EUR	1,9550	1,9550	1,9350			1,9350					
Certificate	NL0012986715	BINCK 5.9TS OPENB	EUR	2,2650	2,2650	2,2450			2,2450					
Certificate	NL0012986723	BINCK 6.1TS OPENB	EUR	2,4850	2,4850	2,4650			2,4650					
Certificate	DE000CD61ZY4	BINCK 3.04TL OPENZ	EUR											
Certificate	NL0011804935	BINCK 3.348L OPENB	EUR	1,1450	1,1650	1,1450	1150,0000	1	1,1650	1000				
Certificate	DE000CD61EG6	BINCK 3.36TL OPENZ	EUR											
Certificate	DE000CN6JQT4	BINCK 3.73TL OPENZ	EUR											
Certificate	NL0013010630	BINCK 4.87BS OPENB	EUR	0,6250	0,6250	0,6050			0,6050					
Certificate	DE000CN6JDD6	BINCK 5.85TS OPENZ	EUR											
Certificate	NL0011900048	BINCK2.809BL OPENB	EUR	1,6750	1,6950	1,6750			1,6950					
Certificate	NL0013014772	BINCK3.091BL OPENB	EUR	1,3850	1,4050	1,3850			1,4050					
Certificate	DE000CD61C07	BINCK3.519TL OPENZ	EUR											
Certificate	NL0011648282	BINCK3.607BL OPENB	EUR	0,8750	0,8950	0,8750			0,8950					
Certificate	NL0012512081	BINCK3.864BL OPENB	EUR	0,6150	0,6650	0,6150	5796,0000	5	0,6350	8900				
Certificate	DE000CN6JR40	BINCK3.873TL OPENZ	EUR											
Certificate	NL0013018344	BINCK4.114BL OPENB	EUR	0,3650	0,3850	0,3500	350,0000	1	0,3850	1000				
Certificate	NL0013014947	BINCK4.371BS OPENB	EUR											
Certificate	NL0013004435	BINCK5.369BS OPENB	EUR	1,1250	1,1250	1,0950			1,0950					
Certificate	NL0012776991	BINCK5.867BS OPENB	EUR	1,6250	1,6250	1,5950			1,5950					
Certificate	NL0012983183	BINCK6.362BS OPENB	EUR	2,1150	2,1150	2,0950			2,0950					
Certificate	NL0012986574	BINCK6.858BS OPENB	EUR	2,6150	2,6150	2,5850			2,5850					
Certificate	DE000CR9QY99	BINCK8.182TS OPENZ	EUR											
Certificate	DE000CN6KYB4	BION 34.91TL OPENZ	EUR											
Certificate	DE000CD61YA7	BION 39.48TL OPENZ	EUR											
Certificate	DE000CD63PM6	BION 45.08TL OPENZ	EUR											
Certificate	DE000CJ3POS6	BION 51.07TL OPENZ	EUR											
Certificate	NL0010254165	BKAMC 9.2TL OPENB	EUR	17,2500	17,2500	17,2500			17,2500					
Certificate	NL0009991660	BKAMC 3.83TL OPENB	EUR	21,3500	21,3500	21,3500			21,3500					
Certificate	NL0011992805	BKAMC16.65TL OPENH	EUR	11,2200	11,2200	11,0100			11,0100					
Certificate	NL0011995311	BKAMC20.85TS OPENH	EUR											
Certificate	NL0010047213	BKNG 595TL OPENB	EUR	115,7300	115,7300	115,7300			115,7300					
Certificate	NL0010250387	BKNG 654TL OPENB	EUR	110,8700	110,8700	110,8700			110,8700					
Certificate	DE000CJ3NSM7	BKNG 1077TL OPENZ	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	NL0011905328	BKNG 1344TL OPENB	EUR	54,5100	54,5100	54,5100			54,5100					
Certificate	DE000CV8AXW9	BKNG 1430TL OPENZ	EUR	3,9050	3,9050	3,9050			3,9050					
Certificate	DE000CV89U19	BKNG 1633TL OPENZ	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	DE000CE6F1D3	BKSCT 2.27TL OPENZ	EUR											
Certificate	DE000CV89NV9	BKSCT1.664TL OPENZ	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	DE000CV87UH7	BKSCT1.866TL OPENZ	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	DE000CV87R65	BKSCT2.068TL OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	DE000CJ3NL66	BLNDL3.949TL OPENZ	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	DE000CV509F1	BLNDL4.955TL OPENZ	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	NL0009434612	BMW 32TL OPENB	EUR	48,0500	48,0500	48,0500			48,0500					
Certificate	DE000CX0K421	BMW 60TL OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CX0KM80	BMW 60TL OPENC	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	NL0011896493	BMW 62TL OPENH	EUR	2,1000	2,1000	2,0000			2,0000					
Certificate	DE000CX59CM0	BMW 70TL OPENC	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000CX591B6	BMW 70TL OPENC	EUR	0,8800	0,8800	0,8300	1320,0000	1	0,8300	1500				
Certificate	NL0013015605	BMW 77TS OPENB	EUR											
Certificate	DE000CY51EH1	BMW 80TL OPENC	EUR											
Certificate	DE000CY51DT8	BMW 80TL OPENC	EUR											
Certificate	NL0011235072	BMW 96TS OPENH	EUR	2,4400	2,5600	2,4400			2,5600					
Certificate	DE000CY504F9	BMW 100TS OPENC	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CQ5A2E9	BMW 100TS OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CY52NJ6	BMW 110TS OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CV88AH7	BMW 110.TS OPENZ	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	NL0009490937	BMW 22.8TL OPENB	EUR	56,6200	56,6200	56,6200			56,6200					
Certificate	NL0011241054	BMW 34.9TL OPENH	EUR	4,6400	4,6400	4,5400			4,5400					
Certificate	NL0010044434	BMW 39.1TL OPENB	EUR	41,4900	41,4900	41,4900			41,4900					
Certificate	NL0011410238	BMW 43.3TL OPENH	EUR	3,8500	3,8500	3,7500			3,7500					
Certificate	NL0010224580	BMW 43.8TL OPENB	EUR	37,0500	37,0500	37,0500			37,0500					
Certificate	NL0010254694	BMW 49.2TL OPENB	EUR	32,0800	32,0800	32,0800			32,0800					
Certificate	NL0011241047	BMW 51.7TL OPENH	EUR	3,0600	3,0600	2,9600			2,9600					
Certificate	NL0011742606	BMW 56.5TL OPENH	EUR	2,6100	2,6100	2,5100			2,5100					
Certificate	NL0010444493	BMW 57.4TL OPENB	EUR	24,3700	24,3700	24,3700			24,3700					
Certificate	NL0011906367	BMW 60.7TL OPENB	EUR	22,4500	22,4500	21,3200			21,3200					
Certificate	NL0011927702	BMW 66.2TL OPENH	EUR	1,7100	1,7100	1,6100			1,6100					
Certificate	NL0012020747	BMW 67.7TL OPENB	EUR	15,9600	15,9600	14,8300	775,0000	1	14,8300	50				
Certificate	NL0011993662	BMW 69.2TL OPENH	EUR	1,4300	1,4300	1,3300			1,3300					
Certificate	NL0011995345	BMW 71.3TL OPENH	EUR	1,2400	1,2400	1,1300			1,1300					
Certificate	NL0012031264	BMW 71.5TL OPENB	EUR	12,4200	12,4200	11,2900			11,2900					
Certificate	NL0013018351	BMW 73.3BL OPENB	EUR	6,3000	6,3000	5,1700	5394,6000	1	5,1700	999				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013126717	BMW 75.6TL OPENH	EUR	0,8400	0,8400	0,7300			0,7300					
Certificate	NL0013085335	BMW 77.2TS OPENH	EUR											
Certificate	NL0013127251	BMW 79.4TS OPENH	EUR	0,6600	0,7800	0,6600			0,7800					
Certificate	NL0013005911	BMW 80.9TS OPENB	EUR	8,5700	9,6400	8,5700			9,6400					
Certificate	NL0012906234	BMW 83.3TS OPENH	EUR	1,0700	1,1900	1,0700			1,1900					
Certificate	NL0013002512	BMW 84.9TS OPENB	EUR	12,9100	13,9800	12,9100			13,9800					
Certificate	NL0012909386	BMW 87.8TS OPENH	EUR	1,5600	1,6800	1,5600			1,6800					
Certificate	NL0012970677	BMW 89.2TS OPENB	EUR	17,5100	18,5800	17,5100			18,5800					
Certificate	NL0012864557	BMW 89.8TS OPENH	EUR	1,7700	1,8900	1,7700			1,8900					
Certificate	NL0012604649	BMW 91.1TS OPENH	EUR	1,9200	2,0400	1,9200			2,0400					
Certificate	NL0012245138	BMW 92.9TS OPENH	EUR	2,1100	2,2300	2,1100			2,2300					
Certificate	NL0012699698	BMW 93.7TS OPENB	EUR	22,3400	23,4100	22,3400			23,4100					
Certificate	DE000CE6FB22	BMW 100.1TS OPENZ	EUR	4,4750	4,4750	4,4750			4,4750					
Certificate	NL0012558233	BMW 102.1TS OPENH	EUR	3,1000	3,2200	3,1000			3,2200					
Certificate	NL0012039234	BMW 102.3BS OPENB	EUR	24,0800	25,1500	24,0800			25,1500					
Certificate	NL0011041991	BMW 103.3TS OPENH	EUR	3,2300	3,3500	3,2300			3,3500					
Certificate	NL0013000466	BMW 112.5BS OPENB	EUR	34,3000	35,3700	34,3000			35,3700					
Certificate	NL0012555619	BMW 113.9TS OPENH	EUR	4,3600	4,4800	4,3600			4,4800					
Certificate	DE000CNGJGM0	BMW 51.92TL OPENZ	EUR	25,7400	25,8950	25,7400			25,8950					
Certificate	DE000CNHMSG1	BMW 56.91TL OPENZ	EUR	20,7700	21,8900	20,7700	8044,1000	2	20,9150	370				
Certificate	NL0013008659	BMW 60.02BL OPENB	EUR	19,5800	19,5800	18,4500			18,4500					
Certificate	DE000CR9RQ56	BMW 62.21TL OPENZ	EUR	15,4900	15,4900	15,4900			15,4900					
Certificate	NL0013003619	BMW 63.01BL OPENB	EUR	16,5900	16,5900	15,4600			15,4600					
Certificate	NL0011907399	BMW 66.15BL OPENB	EUR	13,4500	13,4500	12,3200			12,3200					
Certificate	DE000CD62502	BMW 67.18TL OPENZ	EUR	10,5500	10,7000	10,5500			10,7000					
Certificate	NL0012020572	BMW 69.81BL OPENB	EUR	9,7900	9,7900	8,6600			8,6600					
Certificate	NL0013014954	BMW 76.32BS OPENB	EUR											
Certificate	NL0013002181	BMW 83.92BS OPENB	EUR	5,7300	6,8000	5,7300			6,8000					
Certificate	NL0012025381	BMW 92.32BS OPENB	EUR	14,1300	15,2000	14,1300			15,2000					
Certificate	DE000CQ58YVW8	BNP 35TL OPENC	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CP067T9	BNP 40TL OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CX592T6	BNP 42TL OPENC	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CX59FW2	BNP 45TL OPENC	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CX59PA7	BNP 45TL OPENC	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CP062C6	BNP 45TL OPENC	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0012026447	BNP 46TL OPENB	EUR											
Certificate	DE000CQ58YX6	BNP 50TS OPENC	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CY16JB6	BNP 55TL OPENC	EUR											
Certificate	DE000CY16AH2	BNP 55TL OPENC	EUR											
Certificate	DE000CP06ZL0	BNP 55TS OPENC	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CP06NV5	BNP 55TS OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CP062D4	BNP 55TS OPENC	EUR											
Certificate	DE000CP060B2	BNP 55TS OPENC	EUR											
Certificate	DE000CQ5A594	BNP 65TS OPENC	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CQ5A7F5	BNP 65TS OPENC	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CY52BB8	BNP 65TS OPENC	EUR											
Certificate	DE000CY528S1	BNP 65TS OPENC	EUR											
Certificate	DE000CY0ALH9	BNP 75TS OPENC	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	DE000CY500F7	BNP 75TS OPENC	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CY502K3	BNP 75TS OPENC	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CY0AKS8	BNP 75TS OPENC	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	DE000CY50EL5	BNP 80TS OPENC	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	NL0009897198	BNP 11.8TL OPENB	EUR	35,9400	35,9400	35,9400			35,9400					
Certificate	NL0010379582	BNP 30.3TL OPENB	EUR	19,1000	19,1000	19,1000			19,1000					
Certificate	NL0012021521	BNP 40.8TL OPENB	EUR	9,7400	9,9900	9,5300	3989,0000	2	9,5300	400				
Certificate	DE000CD62T72	BNP 41.3TL OPENZ	EUR	5,8000	5,8000	5,8000	1740,0000	1	5,8000	300				
Certificate	NL0013145832	BNP 43.3TL OPENB	EUR	7,4600	7,4600	7,2500			7,2500					
Certificate	NL0013086093	BNP 49.6TS OPENH	EUR	8,3500	8,4100	8,3500			8,4100					
Certificate	NL0013015613	BNP 50.4TS OPENB	EUR	9,1800	9,3700	9,1800			9,3700					
Certificate	NL0012988745	BNP 55.4TS OPENB	EUR	14,7700	14,9600	14,7700			14,9600					
Certificate	NL0012793459	BNP 60.3TS OPENB	EUR	20,1900	20,3800	20,1900			20,3800					
Certificate	NL0012312516	BNP 90.4TS OPENH	EUR	53,6800	53,7400	53,6800			53,7400					
Certificate	NL0011412978	BNP 17.57TL OPENH	EUR	30,8700	30,8700	30,8200			30,8200					
Certificate	NL0011412960	BNP 25.98TL OPENH	EUR	23,2300	23,2300	23,1700			23,1700					
Certificate	DE000CJ3PH55	BNP 31.21TL OPENZ	EUR											
Certificate	NL0012056618	BNP 35.69TL OPENH	EUR	14,3900	14,3900	14,3400			14,3400					
Certificate	DE000CV89BT8	BNP 36.23TL OPENZ	EUR											
Certificate	NL0013146392	BNP 39.06BL OPENB	EUR	8,1750	8,1750	7,9650			7,9650					
Certificate	NL0013013790	BNP 41.07BL OPENB	EUR	6,1750	6,1750	5,9650			5,9650					
Certificate	NL0011979968	BNP 42.51TL OPENH	EUR	8,2000	8,2000	8,1500			8,1500					
Certificate	NL0013011349	BNP 43.08BL OPENB	EUR	4,1650	4,1650	3,9550			3,9550					
Certificate	NL0012990378	BNP 45.08BL OPENB	EUR	2,1550	2,1550	1,9450			1,9450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013011414	BNP 51.03BS OPENB	EUR	4,6550	4,8450	4,6550	116,5000	1	4,8450	25				
Certificate	NL0013003684	BNP 54.02BS OPENB	EUR	7,6450	7,8350	7,6450			7,8350					
Certificate	NL0012794267	BNP 57.01BS OPENB	EUR	10,6350	10,8250	10,6350			10,8250					
Certificate	NL0012909394	BNP 57.17TS OPENH	EUR	16,7600	16,8200	16,7600			16,8200					
Certificate	NL0012786974	BNP 59.96BS OPENB	EUR	13,5850	13,7750	13,5850			13,7750					
Certificate	NL0012591671	BNP 61.13TS OPENH	EUR	21,1500	21,2100	21,1500			21,2100					
Certificate	NL0011412846	BNP 67.24TS OPENH	EUR	27,9500	28,0100	27,9500			28,0100					
Certificate	NL0012243281	BNP 71.28TS OPENH	EUR	32,4400	32,5000	32,4400			32,5000					
Certificate	NL0012437842	BNP 71.66TS OPENH	EUR	32,8600	32,9200	32,8600			32,9200					
Certificate	NL0012558258	BNP 75.68TS OPENH	EUR	37,3300	37,3900	37,3300			37,3900					
Certificate	NL0012365266	BNP 90.46TS OPENH	EUR	53,7500	53,8100	53,7500			53,8100					
Certificate	NL0012374078	BNP 90.51TS OPENH	EUR	53,8000	53,8600	53,8000			53,8600					
Certificate	NL0012244180	BNP 98.28TS OPENH	EUR	62,4400	62,5000	62,4400			62,5000					
Certificate	DE000CV887Y2	BNRGn32.93TL OPENZ	EUR	1,4500	1,4500	1,3900	482,8500	1	1,3900	333				
Certificate	DE000CV4YXV0	BNRGn42.96TL OPENZ	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000CD62R17	BOBL 115.1TL OPENZ	EUR	16,4300	16,4300	16,3400			16,3400					
Certificate	DE000CD62R09	BOBL 123.5TL OPENZ	EUR	7,8700	7,8700	7,7800			7,7800					
Certificate	DE000CD62R33	BOBL 139.3TS OPENZ	EUR	7,8900	7,9700	7,8900			7,9700					
Certificate	DE000CE6CDJ9	BOBL 145.9TS OPENZ	EUR	14,5600	14,6300	14,5600			14,6300					
Certificate	NL0010049383	BOEIN 51.4TL OPENB	EUR	275,1000	275,1000	275,1000			275,1000					
Certificate	NL0011418983	BOEIN 67.6TL OPENH	EUR	26,6100	26,6100	26,2200			26,2200					
Certificate	DE000CN6HTK1	BOEIN99.09TL OPENZ	EUR	9,2200	9,2200	9,2200			9,2200					
Certificate	DE000CJ3PEN3	BOFCH 2.28TL OPENZ	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	DE000CV89TF9	BOFCH 2.68TL OPENZ	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000CJ3PGK4	BOFCH 3.08TL OPENZ	EUR	0,6100	0,6100	0,5750	6,1000	2	0,5750	10				
Certificate	DE000CQ5AFM0	BOSKA 15TL OPENC	EUR	11,8100	11,8100	11,8100			11,8100					
Certificate	DE000CY51477	BOSKA 20TL OPENC	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	DE000CY518V8	BOSKA 20TL OPENC	EUR	6,9800	6,9800	6,9800			6,9800					
Certificate	DE000CQ5ACQ8	BOSKA 22TL OPENC	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	DE000CQ5AK57	BOSKA 22TL OPENC	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	NL0012795355	BOSKA 24BOC1218Z	EUR	23,8700	23,8700	23,8700			23,8700					
Certificate	DE000CP06ZK2	BOSKA 26TS OPENC	EUR											
Certificate	DE000CP06WG7	BOSKA 26TS OPENC	EUR											
Certificate	NL0013079171	BOSKA 27TS OPENH	EUR	3,8700	3,9100	3,8700			3,9100					
Certificate	NL0012586473	BOSKA 29TS OPENH	EUR	6,0600	6,1100	6,0600			6,1100					
Certificate	DE000CQ5AK81	BOSKA 30TS OPENC	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	DE000CQ5AHF0	BOSKA 30TS OPENC	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	NL0012586457	BOSKA 30TS OPENH	EUR	7,1300	7,1800	7,1300			7,1800					
Certificate	NL0012591689	BOSKA 31TS OPENH	EUR	8,2000	8,2400	8,2000			8,2400					
Certificate	DE000CY52VD2	BOSKA 32TS OPENC	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	DE000CQ5A7D0	BOSKA 32TS OPENC	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	DE000CY51BW6	BOSKA 34TS OPENC	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	DE000CY51A63	BOSKA 34TS OPENC	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	DE000CY51FH8	BOSKA 35TS OPENC	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	DE000CY51A71	BOSKA 35TS OPENC	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	DE000CP06PG1	BOSKA 35TS OPENC	EUR	11,0200	11,0200	11,0200			11,0200					
Certificate	DE000CY51J22	BOSKA 35TS OPENC	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	NL0011933494	BOSKA 36TS OPENH	EUR	13,5800	13,6200	13,5800			13,6200					
Certificate	NL0011421169	BOSKA 37TS OPENH	EUR	14,6200	14,6700	14,6200			14,6700					
Certificate	NL0012600365	BOSKA 15.3TL OPENH	EUR	11,3100	11,3100	11,2200			11,2200					
Certificate	NL0012593412	BOSKA 17.3TL OPENH	EUR	9,4200	9,4200	9,3300			9,3300					
Certificate	NL0012310858	BOSKA 19.8TL OPENH	EUR	7,1200	7,1200	7,0300			7,0300					
Certificate	NL0012600357	BOSKA 20.8TL OPENH	EUR	6,1400	6,1400	6,0600			6,0600					
Certificate	NL0012595730	BOSKA 21.3TL OPENH	EUR	5,6600	5,6600	5,5800			5,5800					
Certificate	DE000CD63HY8	BOSKA 21.3TL OPENZ	EUR	4,1000	4,2150	4,1000	416,0000	1	4,2150	100				
Certificate	NL0012596191	BOSKA 21.9TL OPENH	EUR	5,2000	5,2000	5,1100			5,1100					
Certificate	NL0012605356	BOSKA 22.7TL OPENH	EUR	4,3700	4,3700	4,2900			4,2900					
Certificate	NL0013127269	BOSKA 24.2TL OPENH	EUR	3,0500	3,0500	2,9700			2,9700					
Certificate	LU1859912294	BOSKA 24.6TCIOPENS	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	NL0013128234	BOSKA 25.1TL OPENH	EUR											
Certificate	NL0013125602	BOSKA 25.1TS OPENH	EUR											
Certificate	NL0012793012	BOSKA 25.2BOC1218B	EUR	24,8700	24,8700	24,8100			24,8100					
Certificate	NL0013080039	BOSKA 25.8TS OPENH	EUR											
Certificate	DE000CJ3N1A1	BOSKA 27.9TS OPENZ	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	NL0012905038	BOSKA 28.5TS OPENH	EUR	5,4600	5,5100	5,4600			5,5100					
Certificate	NL0012586465	BOSKA 29.5TS OPENH	EUR	6,6000	6,6400	6,6000			6,6400					
Certificate	NL0012582159	BOSKA 30.6TS OPENH	EUR	7,7400	7,7900	7,7400			7,7900					
Certificate	NL0012305817	BOSKA 31.6TS OPENH	EUR	8,7800	8,8300	8,7800			8,8300					
Certificate	NL0011599584	BOSKA 32.3TS OPENH	EUR	9,5700	9,6100	9,5700			9,6100					
Certificate	NL0012305270	BOSKA 32.5TS OPENH	EUR	9,8200	9,8700	9,8200			9,8700					
Certificate	NL0012586440	BOSKA 33.5TS OPENH	EUR	10,8500	10,9000	10,8500			10,9000					
Certificate	NL0011935499	BOSKA 34.1TS OPENH	EUR	11,5500	11,6000	11,5500			11,6000					



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	NL0011044409	BOSKA 49.2TS OPENH	EUR	27,8900	27,9400	27,8900			27,9400					
Certificate	DE000CV8AYQ9	BOSKA14.25TL OPENZ	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CV87Y21	BOSKA16.27TL OPENZ	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0012775969	BOSKA16.61BL OPENB	EUR	9,4950	9,4950	9,4050			9,4050					
Certificate	NL0012774475	BOSKA18.14BL OPENB	EUR	7,9650	7,9650	7,8750			7,8750					
Certificate	NL0010174264	BOSKA18.14TL OPENB	EUR	8,8650	8,8650	8,8650			8,8650					
Certificate	DE000CV88137	BOSKA19.28TL OPENZ	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0012027924	BOSKA19.66BL OPENB	EUR	6,4350	6,4350	6,3450			6,3450					
Certificate	NL0012777585	BOSKA20.44TL OPENB	EUR	6,8650	6,8650	6,7750			6,7750					
Certificate	LU1719605419	BOSKA21.24TCIOPENS	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	NL0012490262	BOSKA21.34BL OPENB	EUR	4,7550	4,7550	4,6650			4,6650					
Certificate	NL0010134813	BOSKA21.47TL OPENB	EUR	5,8350	5,8350	5,8350			5,8350					
Certificate	NL0012786214	BOSKA22.47TL OPENB	EUR	5,0350	5,0350	4,9450			4,9450					
Certificate	LU1719605500	BOSKA22.66TCIOPENS	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	NL0012782478	BOSKA22.86BL OPENB	EUR	3,2350	3,2350	3,1450			3,1450					
Certificate	LU1859834555	BOSKA23.05TCIOPENS	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	DE000CV88085	BOSKA23.28TL OPENZ	EUR	0,4500	0,4700	0,4200	2306,0000	9	0,4600	5000				
Certificate	NL0013012750	BOSKA23.47TL OPENB	EUR	4,1150	4,1150	4,0250			4,0250					
Certificate	LU1817100479	BOSKA23.75TCIOPENS	EUR											
Certificate	NL0013018765	BOSKA24.36BL OPENB	EUR	1,7450	1,7450	1,6550			1,6550					
Certificate	NL0013145840	BOSKA24.47TL OPENB	EUR	3,2150	3,2150	3,1250			3,1250					
Certificate	DE000CJ3PU30	BOSKA24.78TL OPENZ	EUR											
Certificate	LU1840979311	BOSKA25.09TCIOPENS	EUR											
Certificate	NL0013006984	BOSKA26.24BS OPENB	EUR	1,4750	1,5250	1,4750			1,5250					
Certificate	NL0013007339	BOSKA26.66TS OPENB	EUR	4,1950	4,2450	4,1950			4,2450					
Certificate	LU1840911603	BOSKA27.01TCIOPENS	EUR	2,2700	2,2700	2,2700			2,2700					
Certificate	NL0012773303	BOSKA28.62TS OPENB	EUR	6,3650	6,4150	6,3650			6,4150					
Certificate	NL0012773030	BOSKA28.73BS OPENB	EUR	3,9750	4,0250	3,9750			4,0250					
Certificate	LU1790583758	BOSKA28.99TCIOPENS	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	LU1840348756	BOSKA29.66TCIOPENS	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	NL0012685671	BOSKA30.54TS OPENB	EUR	8,5050	8,5550	8,5050			8,5550					
Certificate	DE000CE6D640	BOSKA30.89TS OPENZ	EUR	1,1500	1,1500	1,1300	115,0000	1	1,1300	100				
Certificate	NL0012112478	BOSKA31.17BS OPENB	EUR	6,4150	6,4650	6,4150			6,4650					
Certificate	NL0012999650	BOSKA32.54TS OPENB	EUR	10,7250	10,7750	10,7250			10,7750					
Certificate	NL0012990015	BOSKA33.66BS OPENB	EUR	8,9050	8,9550	8,9050			8,9550					
Certificate	DE000CJ3NP05	BOSKA34.39TS OPENZ	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0010444261	BOUYG13.46TL OPENB	EUR	20,5750	20,5750	20,5750			20,5750					
Certificate	DE000CJ3PFN0	BOUYG21.62TL OPENZ	EUR	1,1450	1,1450	1,1450			1,1450					
Certificate	DE000CV89L51	BOUYG25.15TL OPENZ	EUR	0,8000	0,8000	0,7950	80,0000	1	0,7950	100				
Certificate	DE000CV505F9	BOUYG30.16TL OPENZ	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	NL0011995717	BP 4TL OPENH	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	NL0011977996	BP 4TL OPENH	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0012608020	BP 5TL OPENH	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0009495605	BP 20TL OPENB	EUR	5,9650	5,9650	5,9650			5,9650					
Certificate	NL0009484427	BP 80TL OPENB	EUR	5,2650	5,2650	5,2650			5,2650					
Certificate	NL0009501360	BP 170TL OPENB	EUR											
Certificate	NL0009506153	BP 190TL OPENB	EUR	4,1450	4,1450	4,1450			4,1450					
Certificate	NL0011728415	BP 2.9TL OPENH	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	NL0009434620	BP 230TL OPENB	EUR	3,6950	3,6950	3,6950			3,6950					
Certificate	NL0011889712	BP 3.3TL OPENH	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	NL0012598767	BP 4.6TL OPENH	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0012611933	BP 5.2TL OPENH	EUR											
Certificate	NL0012609606	BP 5.4TS OPENH	EUR											
Certificate	NL0013127277	BP 5.5TL OPENH	EUR											
Certificate	NL0013085038	BP 5.7TS OPENH	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0013079296	BP 5.9TS OPENH	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0012611461	BP 6.2TS OPENH	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	NL0012861181	BP 6.6TS OPENH	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	NL0012847008	BP 6.9TS OPENH	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CR4HR03	BP 3.12TL OPENZ	EUR											
Certificate	DE000CJ3PTT8	BP 5.35TL OPENZ	EUR											
Certificate	DE000CD61TQ3	BP 3.533TL OPENZ	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	DE000CD634Y0	BP 3.942TL OPENZ	EUR	1,7350	1,7350	1,6400	3280,0000	1	1,6400	2000				
Certificate	DE000CE6EX04	BP 4.348TL OPENZ	EUR											
Certificate	DE000CV88GN2	BP 4.848TL OPENZ	EUR											
Certificate	NL0012795819	BPOST 15.28OC0919Z	EUR	13,6900	13,6900	13,6900			13,6900					
Certificate	NL0012795801	BPOST 15.48OC0619Z	EUR	13,7500	13,7500	13,7500			13,7500					
Certificate	DE000CV89Q31	BPOST10.02TL OPENZ	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CV89W33	BPOST10.51TL OPENZ	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CV88L26	BPOST11.03TL OPENZ	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	NL0013007172	BPOST11.53TL OPENB	EUR	0,6150	0,6150	0,5750			0,5750					
Certificate	DE000CV89QW0	BPOST11.53TL OPENZ	EUR	0,3700	0,3700	0,3700			0,3700					



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	NL0012993174	BPOST12.04TL OPENB	EUR	0,5250	0,5250	0,4850			0,4850					
Certificate	DE000CV89MY5	BPOST12.05TL OPENZ	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	NL0012993182	BPOST12.53TL OPENB	EUR	0,4350	0,4350	0,3950			0,3950					
Certificate	DE000CV8A5N0	BPOST12.55TL OPENZ	EUR	0,2100	0,2100	0,1700	210,0000	1	0,1700	1000				
Certificate	NL0013145857	BPOST13.03TL OPENB	EUR	0,3450	0,3450	0,3050			0,3050					
Certificate	DE000CJ3PTH3	BPOST13.14TL OPENZ	EUR											
Certificate	NL0013004948	BPOST13.96TS OPENB	EUR	0,4050	0,4350	0,4050			0,4350					
Certificate	DE000CJ3N070	BPOST14.18TS OPENZ	EUR	0,1900	0,1900	0,1900			0,1900					
Certificate	NL0012993273	BPOST14.94TS OPENB	EUR	0,6150	0,6550	0,6150			0,6550					
Certificate	DE000CV89Q49	BPOST15.17TS OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0012994552	BPOST15.95TS OPENB	EUR	0,8450	0,8750	0,8450			0,8750					
Certificate	DE000CV894L5	BPOST16.16TS OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CV88M10	BPOST18.15TS OPENZ	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CV87ZM6	BPOST26.11TS OPENZ	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	DE000CV424B3	BPOST30.09TS OPENZ	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000CV89S29	BPOST7.967TL OPENZ	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CV89EE4	BPOST9.003TL OPENZ	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	DE000CV42LV2	BRBY 12.52TL OPENZ	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CV4YY13	BRBY 14.05TL OPENZ	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000CV4ZP39	BRBY 14.69TL OPENZ	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CJ3PTU6	BRBY 16.69TL OPENZ	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000CN6JPB4	BRCLS1.191TL OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	DE000CD625N1	BRCLS1.501TL OPENZ	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	DE000VN610P3	BRENT LEVOPENV	EUR	0,1100	0,1100	0,0950	220,0000	1	0,0950	2000				
Certificate	DE000VA234U7	BRENT LEVOPENV	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	DE000VN610M0	BRENT LEVOPENV	EUR	11,1600	11,1600	11,1600			11,1600					
Certificate	DE000VN610N8	BRENT LEVOPENV	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000VA234T9	BRENT LEVOPENV	EUR	5,5750	5,5750	5,5750			5,5750					
Certificate	DE000CE6C1J3	BRENT LEVOPENZ	EUR	13,1800	13,1800	13,1100			13,1100					
Certificate	DE000CE6C1M7	BRENT LEVOPENZ	EUR	5,9850	5,9850	5,5050			5,5050					
Certificate	DE000CE6C1K1	BRENT LEVOPENZ	EUR	24,1950	24,1950	23,2400			23,2400					
Certificate	NL0000458750	BRENT PI OPENB	EUR	27,0900	27,1700	27,0900			27,1700					
Certificate	DE000VN610Q1	BRENT SHROPENV	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	DE000VA1ZHR6	BRENT SHROPENV	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	DE000VN610S7	BRENT SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN610R9	BRENT SHROPENV	EUR	0,0150	0,0150	0,0150			0,0150					
Certificate	DE000CE6C1L9	BRENT SHROPENZ	EUR	0,3320	0,3480	0,3320			0,3480					
Certificate	DE000CE6C1N5	BRENT SHROPENZ	EUR	0,0010	0,0010	0,0010			0,0010					
Certificate	NL0012796809	BRENT SHROPENZ	EUR	14,3700	15,7600	14,3700			15,7600					
Certificate	NL0012501118	BRENT 54TL OPENB	EUR	18,6000	18,6000	18,1950	1860,0000	1	18,1950	100				
Certificate	NL0012503171	BRENT 55TL OPENB	EUR	17,3550	17,3550	17,3550			17,3550					
Certificate	NL0012504955	BRENT 56TL OPENB	EUR	16,5050	16,5050	16,5050			16,5050					
Certificate	NL0012504963	BRENT 57TL OPENB	EUR	15,8200	15,8200	15,5000	2341,0000	2	15,6350	150				
Certificate	NL0012508386	BRENT 58TL OPENB	EUR	14,8800	14,8800	14,6950	1479,5000	2	14,7950	100				
Certificate	LU1651900505	BRENT 60TCIOPENS	EUR	13,2400	13,2400	13,2200			13,2200					
Certificate	NL0012693964	BRENT 60TL OPENB	EUR	13,0550	13,0550	13,0550			13,0550					
Certificate	LU1651898170	BRENT 61TCIOPENS	EUR	12,3200	12,3200	12,3000			12,3000					
Certificate	LU1651898410	BRENT 62TCIOPENS	EUR	11,4200	11,4200	11,3900			11,3900					
Certificate	LU1719403898	BRENT 63TCIOPENS	EUR	9,9900	9,9900	9,9600			9,9600					
Certificate	LU1756002488	BRENT 67TCIOPENS	EUR	5,2000	5,2000	5,1400			5,1400					
Certificate	LU1756002561	BRENT 68TCIOPENS	EUR	4,3200	4,3200	4,2600			4,2600					
Certificate	DE000CP06Q13	BRENT 68TL 1218C	EUR	0,2300	0,2400	0,2100	572,0000	4	0,2100	2480				
Certificate	LU1756002645	BRENT 69TCIOPENS	EUR	3,4500	3,4500	3,3800			3,3800					
Certificate	DE000CP06Q21	BRENT 72TL 1218C	EUR	0,0400	0,0400	0,0400			0,0400					
Certificate	LU1816982091	BRENT 73TCIOPENS	EUR											
Certificate	DE000CP06Q39	BRENT 74TL 1218C	EUR											
Certificate	LU1817216424	BRENT 75TCIOPENS	EUR											
Certificate	LU1790507732	BRENT 76TCIOPENS	EUR											
Certificate	DE000CP06Q70	BRENT 82TL 1218C	EUR											
Certificate	DE000CP06Q88	BRENT 88TS 1218C	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CP06Q96	BRENT 90TS 1218C	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000CP06QA2	BRENT 92TS 1218C	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CP06QB0	BRENT 94TS 1218C	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CP06QC8	BRENT 96TS 1218C	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CP06QD6	BRENT 100TS 1218C	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	DE000CP06QE4	BRENT 104TS 1218C	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	LU1859833151	BRENT 110TCIOPENS	EUR	32,5800	32,8100	32,5800			32,8100					
Certificate	DE000CJ3NXE7	BRENT 110.TS OPENZ	EUR	32,5100	33,1800	32,5100			33,1800					
Certificate	DE000CJ3NZK9	BRENT 115.TS OPENZ	EUR	36,8800	37,5700	36,8800			37,5700					
Certificate	NL0011636949	BRENT 23.2TL OPENB	EUR	44,2600	44,2600	44,2050	1770,4000	1	44,2050	40				
Certificate	NL0011539549	BRENT 25.3TL OPENB	EUR	42,4150	42,4150	42,4150			42,4150					
Certificate	NL0011532387	BRENT 27.4TL OPENB	EUR	40,6250	40,6250	40,6250			40,6250					



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	NL0011535513	BRENT 30.9TL OPENB	EUR	37,6950	37,6950	37,6950			37,6950					
Certificate	NL0011531280	BRENT 32.1TL OPENB	EUR	36,7050	36,7050	36,6350	3670,0000	1	36,6350	100				
Certificate	NL0011422381	BRENT 32.4TL OPENH	EUR	36,4200	36,4200	36,4200			36,4200					
Certificate	NL0011598313	BRENT 34.3TL OPENH	EUR	34,8200	34,8200	34,8200			34,8200					
Certificate	NL0011637855	BRENT 35.1TL OPENB	EUR	34,0950	34,0950	34,0950			34,0950					
Certificate	NL0011648340	BRENT 37.3TL OPENB	EUR	32,2850	32,2850	32,2850			32,2850					
Certificate	NL0011648779	BRENT 39.38L OPENB	EUR	29,4150	29,4150	29,4150			29,4150					
Certificate	NL0011655741	BRENT 41.5TL OPENB	EUR	28,7350	28,7350	28,7350			28,7350					
Certificate	NL0012372643	BRENT 44.4TL OPENH	EUR	25,9200	25,9200	25,9200			25,9200					
Certificate	NL0012277453	BRENT 44.7TL OPENB	EUR	26,0650	26,0650	26,0650			26,0650					
Certificate	NL0012439640	BRENT 50.6TL OPENH	EUR	20,6300	20,6300	20,6300			20,6300					
Certificate	NL0012495170	BRENT 51.9TL OPENB	EUR	19,9650	19,9650	19,9650			19,9650					
Certificate	DE000VL2FT08	BRENT 53.6TL OPENV	EUR	18,3550	18,3550	18,3550			18,3550					
Certificate	NL0012688782	BRENT 61.1TL OPENB	EUR	12,4700	12,4850	12,0000	618,8000	2	12,1550	50				
Certificate	LU1651898337	BRENT 61.5TCIOPENS	EUR	11,8700	11,8700	11,8400			11,8400					
Certificate	DE000CV42845	BRENT 61.5TL OPENZ	EUR	11,3900	11,3900	10,8650			10,8650					
Certificate	NL0012688790	BRENT 62.1TL OPENB	EUR	11,2950	11,2950	11,2950			11,2950					
Certificate	LU1719638931	BRENT 63.5TCIOPENS	EUR	8,3500	8,3500	8,3100			8,3100					
Certificate	NL0012775175	BRENT 64.1TL OPENB	EUR	9,8700	9,8700	9,6050	492,1000	2	9,6050	50				
Certificate	LU1719639079	BRENT 65.5TCIOPENS	EUR	6,5700	6,5700	6,5200			6,5200					
Certificate	NL0012613889	BRENT 65.8TL OPENH	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	NL0012776199	BRENT 66.1TL OPENB	EUR	7,9050	7,9050	7,9050			7,9050					
Certificate	NL0012780977	BRENT 67.1TL OPENB	EUR	7,2500	7,4200	7,0750	4217,5000	2	7,0750	570				
Certificate	NL0012781439	BRENT 68.1TL OPENB	EUR	6,5800	6,5800	6,2250	658,0000	1	6,2250	100				
Certificate	NL0012781447	BRENT 69.1TL OPENB	EUR	5,4500	5,7300	5,3750	17325,0000	4	5,3750	3100				
Certificate	NL0012990741	BRENT 70.1TL OPENB	EUR	4,9100	5,0900	4,5450	71895,1000	16	4,5450	15070				
Certificate	NL0012991368	BRENT 70.28L OPENB	EUR	2,4700	2,8250	1,8800	14556,2000	15	2,2350	6040				
Certificate	NL0012991822	BRENT 73.1TL OPENB	EUR											
Certificate	NL0012992341	BRENT 73.8TL OPENB	EUR											
Certificate	NL0012893283	BRENT 74.4TL OPENH	EUR											
Certificate	NL0012993810	BRENT 74.8TL OPENB	EUR											
Certificate	DE000VA87DM7	BRENT 76.1TS OPENV	EUR	3,1350	3,1350	3,1350			3,1350					
Certificate	DE000VA87DN5	BRENT 77.1TS OPENV	EUR	4,0150	4,0150	4,0150			4,0150					
Certificate	LU1840347782	BRENT 77.5TCIOPENS	EUR											
Certificate	DE000CJ3PWPO	BRENT 78.2TS OPENZ	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	LU1859832856	BRENT 78.5TCIOPENS	EUR	5,0600	5,1600	5,0600			5,1600					
Certificate	NL0013016751	BRENT 79.4TS OPENB	EUR	8,8850	8,8850	8,8850			8,8850					
Certificate	NL0013003718	BRENT 79.8TL OPENB	EUR											
Certificate	NL0013016181	BRENT 80.78S OPENB	EUR	7,1900	7,2950	7,1850	107,8500	1	7,2950	15				
Certificate	NL0013013584	BRENT 81.4TS OPENB	EUR	10,7850	10,7850	10,7850			10,7850					
Certificate	LU1859832930	BRENT 81.5TCIOPENS	EUR	7,6800	7,8000	7,6800			7,8000					
Certificate	DE000VA71TB0	BRENT 82.6TS OPENV	EUR	8,4050	8,4050	8,4050			8,4050					
Certificate	NL0013013428	BRENT 82.78S OPENB	EUR	9,0450	9,0450	9,0450			9,0450					
Certificate	DE000CJ3PER4	BRENT 82.7TS OPENZ	EUR	8,5700	9,1600	8,5700			9,1600					
Certificate	NL0013010697	BRENT 83.4TS OPENB	EUR	12,6050	12,6050	12,6050			12,6050					
Certificate	DE000VA77F48	BRENT 83.6TS OPENV	EUR	9,2750	9,2750	9,2750			9,2750					
Certificate	LU1859833078	BRENT 84.5TCIOPENS	EUR	10,3000	10,4300	10,3000			10,4300					
Certificate	DE000VA77F55	BRENT 84.6TS OPENV	EUR	10,1550	10,1550	10,1550			10,1550					
Certificate	NL0013009160	BRENT 85.4TS OPENB	EUR	14,4150	14,4150	14,4150			14,4150					
Certificate	DE000VA77F63	BRENT 85.6TS OPENV	EUR	11,0350	11,0350	11,0350			11,0350					
Certificate	NL0013002256	BRENT 87.3TS OPENB	EUR	16,1750	16,1750	16,1750			16,1750					
Certificate	LU1757002693	BRENT 87.5TCIOPENS	EUR	13,0700	13,2000	13,0700			13,2000					
Certificate	NL0012791073	BRENT 89.3TS OPENB	EUR	18,0050	18,0050	18,0050			18,0050					
Certificate	NL0013001795	BRENT 91.3TS OPENB	EUR	19,8050	19,8050	19,8050			19,8050					
Certificate	NL0013004484	BRENT 93.3TS OPENB	EUR	21,5950	21,5950	21,5950			21,5950					
Certificate	NL0013004856	BRENT 95.3TS OPENB	EUR	22,8000	23,4250	22,8000	433,2000	1	23,4250	19				
Certificate	LU1757002859	BRENT 95.5TCIOPENS	EUR	19,9700	20,1400	19,9700			20,1400					
Certificate	DE000CJ3NXD9	BRENT100.1TS OPENZ	EUR	23,8200	24,4600	23,8200			24,4600					
Certificate	LU1757003071	BRENT100.5TCIOPENS	EUR	24,2800	24,4700	24,2800			24,4700					
Certificate	DE000CV88ZN2	BRENT100.6TS OPENZ	EUR	25,8200	26,4650	25,8200			26,4650					
Certificate	NL0012861314	BRENT102.4TS OPENH	EUR	28,9800	28,9800	28,9800			28,9800					
Certificate	DE000CV88V43	BRENT105.1TS OPENZ	EUR	28,1500	28,8100	28,1500			28,8100					
Certificate	DE000CJ3NXI6	BRENT105.6TS OPENZ	EUR	30,1400	30,8000	30,1400			30,8000					
Certificate	NL0012860803	BRENT107.3TS OPENH	EUR	33,4400	33,4400	33,4400			33,4400					
Certificate	NL0012903918	BRENT118.8TS OPENH	EUR	43,8800	43,8800	43,8800			43,8800					
Certificate	NL0012313126	BRENT13.05TL OPENH	EUR	52,6600	52,6600	52,6600			52,6600					
Certificate	NL0011636733	BRENT16.658L OPENB	EUR	49,3150	49,3150	49,3150			49,3150					
Certificate	NL0011598321	BRENT17.39TL OPENH	EUR	49,1000	49,1000	49,1000			49,1000					
Certificate	NL0011422415	BRENT22.84TL OPENH	EUR	44,5000	44,5000	44,5000			44,5000					
Certificate	NL0011422407	BRENT26.03TL OPENH	EUR	41,8000	41,8000	41,8000			41,8000					
Certificate	NL0011538111	BRENT28.41BL OPENB	EUR	38,9850	38,9850	38,9850			38,9850					
Certificate	NL0011422399	BRENT29.21TL OPENH	EUR	39,1100	39,1100	39,1100			39,1100					



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	DE000CN6HEY4	BRENT33.59TL OPENZ	EUR	34,9750	34,9750	34,5250			34,5250					
Certificate	NL0011727839	BRENT33.81TL OPENH	EUR	35,2300	35,2300	35,2300			35,2300					
Certificate	NL0011727821	BRENT34.86TL OPENH	EUR	34,3400	34,3400	34,3400			34,3400					
Certificate	DE000CD628Y2	BRENT35.03TL OPENZ	EUR	34,1200	34,1200	33,6750			33,6750					
Certificate	NL0011598305	BRENT35.36TL OPENH	EUR	33,9200	33,9200	33,9200			33,9200					
Certificate	NL0011727805	BRENT36.97TL OPENH	EUR	32,5600	32,5600	32,5600			32,5600					
Certificate	NL0011933296	BRENT37.19TL OPENH	EUR	32,3700	32,3700	32,3700			32,3700					
Certificate	NL0011727797	BRENT38.02TL OPENH	EUR	31,6700	31,6700	31,6700			31,6700					
Certificate	NL0011933288	BRENT38.23TL OPENH	EUR	31,4900	31,4900	31,4900			31,4900					
Certificate	NL0011727789	BRENT39.08TL OPENH	EUR	30,7800	30,7800	30,7800			30,7800					
Certificate	NL0011933270	BRENT39.28TL OPENH	EUR	30,6000	30,6000	30,6000			30,6000					
Certificate	NL0011727771	BRENT40.12TL OPENH	EUR	29,9000	29,9000	29,9000			29,9000					
Certificate	NL0011933262	BRENT40.32TL OPENH	EUR	29,7200	29,7200	29,7200			29,7200					
Certificate	DE000CN6J1R0	BRENT40.63TL OPENZ	EUR	28,8200	28,8200	28,3500			28,3500					
Certificate	DE000CN6K5S6	BRENT41.15TL OPENZ	EUR	28,8650	28,8650	28,3950			28,3950					
Certificate	NL0011727763	BRENT41.18TL OPENH	EUR	29,0000	29,0000	29,0000			29,0000					
Certificate	NL0011933254	BRENT41.38TL OPENH	EUR	28,8400	28,8400	28,8400			28,8400					
Certificate	NL0011655410	BRENT41.44BL OPENB	EUR	27,5350	27,5350	27,5350			27,5350					
Certificate	DE000VN66W86	BRENT42.52TL OPENV	EUR	28,2450	28,2450	28,2450			28,2450					
Certificate	DE000CN6K8S9	BRENT43.23TL OPENZ	EUR	26,5400	26,5400	26,0600			26,0600					
Certificate	NL0012372650	BRENT43.36TL OPENH	EUR	26,8100	26,8100	26,8100			26,8100					
Certificate	NL0012274963	BRENT43.52BL OPENB	EUR	25,6650	25,6650	25,6650			25,6650					
Certificate	NL0012372635	BRENT45.44TL OPENH	EUR	25,0300	25,0300	25,0300			25,0300					
Certificate	DE000CE6E4J5	BRENT46.23TL OPENZ	EUR	24,5000	24,5000	24,0150			24,0150					
Certificate	NL0012372627	BRENT46.47TL OPENH	EUR	24,1500	24,1500	24,1500			24,1500					
Certificate	NL0012372619	BRENT47.51TL OPENH	EUR	23,2600	23,2600	23,2600			23,2600					
Certificate	DE000CE6E4A4	BRENT47.54TL OPENZ	EUR	22,7600	22,7600	22,2700			22,2700					
Certificate	NL0012437693	BRENT48.47TL OPENH	EUR	22,5000	22,5000	22,4500	337,5000	1	22,4500	15				
Certificate	DE000CE6E556	BRENT48.53TL OPENZ	EUR	21,9000	21,9000	21,4000			21,4000					
Certificate	DE000CE6EP12	BRENT48.77TL OPENZ	EUR	22,3200	22,3200	21,8250			21,8250					
Certificate	DE000CE6EN30	BRENT49.52TL OPENZ	EUR	21,0300	21,0300	20,5300			20,5300					
Certificate	NL0012439657	BRENT49.56TL OPENH	EUR	21,5200	21,5200	21,5200			21,5200					
Certificate	NL0012492714	BRENT49.75BL OPENB	EUR	20,1950	20,1950	20,1950			20,1950					
Certificate	DE000CE6ETJ1	BRENT50.51TL OPENZ	EUR	20,1600	20,1600	19,6600			19,6600					
Certificate	DE000CE6EXN5	BRENT51.32TL OPENZ	EUR	20,1300	20,1300	19,6350			19,6350					
Certificate	DE000CE6ETK9	BRENT51.51TL OPENZ	EUR	19,2850	19,2850	18,7850			18,7850					
Certificate	NL0012518112	BRENT51.61TL OPENH	EUR	19,7700	19,7700	19,7700			19,7700					
Certificate	DE000CE6EW13	BRENT52.51TL OPENZ	EUR	18,4100	18,4100	17,9000			17,9000					
Certificate	NL0012525018	BRENT52.67TL OPENH	EUR	18,8700	18,8700	18,8700			18,8700					
Certificate	DE000CE6EXH7	BRENT53.51TL OPENZ	EUR	17,5400	17,5400	17,0300			17,0300					
Certificate	NL0012526578	BRENT53.65TL OPENH	EUR	18,0300	18,0300	18,0300			18,0300					
Certificate	NL0012500920	BRENT53.87BL OPENB	EUR	16,5750	16,5750	16,5750			16,5750					
Certificate	DE000CE6EXPO	BRENT53.87TL OPENZ	EUR	17,9450	17,9450	17,4350			17,4350					
Certificate	DE000CE6EXJ3	BRENT54.51TL OPENZ	EUR	16,6700	16,6700	16,1550			16,1550					
Certificate	NL0012531222	BRENT55.69TL OPENH	EUR	16,2900	16,2900	16,2900			16,2900					
Certificate	DE000CE6FEH4	BRENT56.41TL OPENZ	EUR	15,7650	15,7650	15,2550			15,2550					
Certificate	DE000CE6FEA9	BRENT56.49TL OPENZ	EUR	14,9200	14,9200	14,4000			14,4000					
Certificate	NL0012531495	BRENT57.74TL OPENH	EUR	14,5400	14,5400	14,5400			14,5400					
Certificate	DE000VL37DS6	BRENT58.07TL OPENV	EUR	15,2200	15,2200	14,7650	456,6000	1	14,7650	30				
Certificate	DE000CE6FHL9	BRENT58.49TL OPENZ	EUR	13,1800	13,1800	12,6550			12,6550					
Certificate	DE000CE6FHQ8	BRENT58.96TL OPENZ	EUR	13,5700	13,5700	13,0450			13,0450					
Certificate	NL0012508246	BRENT59.02BL OPENB	EUR	12,0550	12,0550	12,0550			12,0550					
Certificate	NL0012549141	BRENT59.39TL OPENH	EUR	13,1300	13,1300	13,1300			13,1300					
Certificate	NL0012512065	BRENT60.04BL OPENB	EUR	11,4000	11,4000	11,1550	285,0000	1	11,1550	25				
Certificate	NL0012548523	BRENT60.42TL OPENH	EUR	12,2500	12,2500	12,2500			12,2500					
Certificate	DE000CV42GQ6	BRENT60.49TL OPENZ	EUR	11,4300	11,4300	10,9000			10,9000					
Certificate	DE000VL5R8J7	BRENT61.59TL OPENV	EUR	11,2050	11,2050	11,2050			11,2050					
Certificate	NL0012613921	BRENT61.74TL OPENH	EUR	11,2900	11,4500	11,1300	3297,3000	2	11,1300	290				
Certificate	DE000VL76JT9	BRENT62.24TL OPENV	EUR	10,3050	10,3050	10,3050			10,3050					
Certificate	DE000CV87J99	BRENT62.52TL OPENZ	EUR	9,6500	9,6500	9,1100			9,1100					
Certificate	NL0012613913	BRENT62.75TL OPENH	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	DE000VL76JU7	BRENT63.24TL OPENV	EUR	9,4050	9,4050	9,4050			9,4050					
Certificate	DE000CV881C1	BRENT63.52TL OPENZ	EUR	9,6550	9,6550	9,1250			9,1250					
Certificate	NL0012613905	BRENT63.77TL OPENH	EUR	9,4000	9,4000	9,4000			9,4000					
Certificate	DE000VL8XJW9	BRENT64.06TL OPENV	EUR	8,5350	8,5350	8,5350			8,5350					
Certificate	DE000CV88194	BRENT64.48TL OPENZ	EUR	7,9300	7,9300	7,3900			7,3900					
Certificate	NL0012613897	BRENT64.78TL OPENH	EUR	8,5100	8,5300	8,5100	42,5500	1	8,5300	5				
Certificate	DE000VL8XJY5	BRENT65.06TL OPENV	EUR	7,6350	7,6350	7,6350			7,6350					
Certificate	NL0012774996	BRENT65.14BL OPENB	EUR	6,6750	6,6750	6,6750			6,6750					
Certificate	NL0012549125	BRENT65.33TS OPENH	EUR											
Certificate	DE000CV88A55	BRENT65.54TL OPENZ	EUR	7,9300	7,9300	7,3850			7,3850					
Certificate	DE000VL9S3Y2	BRENT65.64TL OPENV	EUR	6,7450	6,7450	6,7450			6,7450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012775456	BRENT66.16BL OPENB	EUR	5,4400	5,7850	5,4350	163,2000	1	5,7850	30				
Certificate	NL0012548507	BRENT66.33TS OPENH	EUR											
Certificate	NL0012536635	BRENT66.38TS OPENH	EUR											
Certificate	DE000CV882U1	BRENT66.46TL OPENZ	EUR	6,2000	6,2000	5,6550			5,6550					
Certificate	DE000VL95329	BRENT66.64TL OPENV	EUR	5,8550	5,8550	5,8550			5,8550					
Certificate	NL0012613871	BRENT66.82TL OPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	NL0012780860	BRENT67.17BL OPENB	EUR	4,8950	4,8950	4,8950			4,8950					
Certificate	DE000CV88BW4	BRENT67.57TL OPENZ	EUR	6,1800	6,1800	5,6350			5,6350					
Certificate	DE000VA1GK42	BRENT67.69TL OPENV	EUR	4,9750	4,9750	4,9750			4,9750					
Certificate	NL0012613863	BRENT67.83TL OPENH	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	NL0012781272	BRENT68.18BL OPENB	EUR	4,0050	4,0050	4,0050			4,0050					
Certificate	DE000CV88BC6	BRENT68.47TL OPENZ	EUR	4,4350	4,4350	3,8850			3,8850					
Certificate	DE000VA1GPY5	BRENT68.71TL OPENV	EUR	4,0850	4,0850	4,0850			4,0850					
Certificate	NL0012613855	BRENT68.84TL OPENH	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	NL0012782023	BRENT69.19BL OPENB	EUR	3,2000	3,3300	3,1150	1651,5000	3	3,1150	500				
Certificate	DE000CV88FE3	BRENT69.61TL OPENZ	EUR	4,4300	4,4300	3,8850			3,8850					
Certificate	DE000VA1GP05	BRENT69.71TL OPENV	EUR	3,4300	3,7100	3,2050	7934,0000	5	3,2050	2200				
Certificate	NL0012613848	BRENT69.86TL OPENH	EUR	4,6600	4,6600	4,2000	5311,0000	2	4,2000	1150				
Certificate	DE000CV88FA1	BRENT70.49TL OPENZ	EUR	2,6450	2,6450	2,0850	234,0000	1	2,0850	100				
Certificate	DE000VASRJF5	BRENT70.51TL OPENV	EUR	2,4400	2,4400	2,3250	56,1200	1	2,3250	23				
Certificate	LU1817216341	BRENT71.25TCIOPENS	EUR	1,4500	1,6600	1,2500	145,5000	2	1,3700	100				
Certificate	NL0012890784	BRENT71.52TL OPENH	EUR	2,9300	3,2500	2,7800	13865,0000	6	2,7800	4500				
Certificate	DE000VASRNE0	BRENT71.53TL OPENV	EUR	2,2900	2,2900	1,7150	743,4000	2	1,7150	330				
Certificate	DE000CV88540	BRENT71.64TL OPENZ	EUR	2,6900	2,6900	2,1350			2,1350					
Certificate	NL0012991772	BRENT72.19BL OPENB	EUR	0,9300	1,0550	0,1950	43812,5500	67	0,1950	66814				
Certificate	DE000VA4YYQ0	BRENT72.43TL OPENV	EUR											
Certificate	DE000CV88557	BRENT72.48TL OPENZ	EUR											
Certificate	NL0012890776	BRENT72.52TL OPENH	EUR											
Certificate	DE000VASRNF7	BRENT72.53TL OPENV	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	NL0012992085	BRENT72.93BL OPENB	EUR											
Certificate	DE000VASRNG5	BRENT73.53TL OPENV	EUR											
Certificate	DE000CV88847	BRENT73.64TL OPENZ	EUR											
Certificate	NL0012992093	BRENT73.93BL OPENB	EUR											
Certificate	DE000CV886J5	BRENT74.48TL OPENZ	EUR											
Certificate	DE000VASRHH3	BRENT74.53TL OPENV	EUR											
Certificate	NL0012994057	BRENT74.93BL OPENB	EUR											
Certificate	DE000VA6D377	BRENT75.55TL OPENV	EUR											
Certificate	DE000VA8F5W0	BRENT75.64TL OPENV	EUR											
Certificate	DE000VA8FXL3	BRENT78.14TS OPENV	EUR	4,8950	4,8950	4,8950			4,8950					
Certificate	DE000CJ3PWQ8	BRENT78.18TS OPENZ	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	NL0013124530	BRENT78.89TS OPENH	EUR	7,5300	7,7300	7,5300	376,5000	1	7,7300	50				
Certificate	DE000VA8FXM1	BRENT79.14TS OPENV	EUR	5,3500	5,7750	5,3500	11050,0000	3	5,7750	2000				
Certificate	DE000CV89D10	BRENT79.24TS OPENZ	EUR											
Certificate	NL0013003502	BRENT79.89BL OPENB	EUR											
Certificate	DE000VA64XH4	BRENT79.92TL OPENV	EUR											
Certificate	NL0013127459	BRENT79.93TS OPENH	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	DE000VA8FXN9	BRENT80.14TS OPENV	EUR	6,6550	6,6550	6,6550			6,6550					
Certificate	DE000CJ3PS34	BRENT80.21TS OPENZ	EUR	6,3900	6,9700	6,3900			6,9700					
Certificate	DE000CJ3PS42	BRENT80.34TS OPENZ	EUR	7,7300	8,3200	7,7300			8,3200					
Certificate	DE000VA710F7	BRENT81.59TS OPENV	EUR	7,5250	7,5250	7,5250			7,5250					
Certificate	NL0013086200	BRENT81.88TS OPENH	EUR	10,4300	10,4300	10,4300			10,4300					
Certificate	DE000CJ3PAX0	BRENT82.84TS OPENZ	EUR	9,9100	10,5000	9,9100			10,5000					
Certificate	NL0013081730	BRENT84.21TS OPENH	EUR	12,5500	12,5500	12,5500			12,5500					
Certificate	NL0013008048	BRENT84.69BS OPENB	EUR	10,7950	10,7950	10,7950			10,7950					
Certificate	DE000CJ3N302	BRENT85.19TS OPENZ	EUR	10,7500	11,3400	10,7500			11,3400					
Certificate	DE000CJ3N310	BRENT85.34TS OPENZ	EUR	12,1200	12,7200	12,1200			12,7200					
Certificate	NL0012861322	BRENT86.58TS OPENH	EUR	14,7000	14,7000	14,7000			14,7000					
Certificate	DE000VA7TAT7	BRENT86.61TS OPENV	EUR	11,8950	11,8950	11,8950			11,8950					
Certificate	NL0012789259	BRENT86.69BS OPENB	EUR	12,5550	12,5550	12,5550			12,5550					
Certificate	DE000VA7PVS9	BRENT87.61TS OPENV	EUR	12,7650	12,7650	12,7650			12,7650					
Certificate	DE000CJ3N021	BRENT87.67TS OPENZ	EUR	12,9200	13,5300	12,9200			13,5300					
Certificate	NL0012899991	BRENT87.84TS OPENH	EUR	15,8400	15,8400	15,8400			15,8400					
Certificate	DE000CV88ZL6	BRENT87.84TS OPENZ	EUR	14,4400	15,0550	14,4400			15,0550					
Certificate	DE000VA6T2M4	BRENT88.65TS OPENV	EUR	13,6250	13,6250	13,6250			13,6250					
Certificate	NL0012791313	BRENT88.68BS OPENB	EUR	14,3050	14,3050	14,3050			14,3050					
Certificate	DE000VA6T2P7	BRENT89.65TS OPENV	EUR	14,5050	14,5050	14,5050			14,5050					
Certificate	NL0012899983	BRENT89.83TS OPENH	EUR	17,6400	17,6400	17,6400			17,6400					
Certificate	DE000CV88QG5	BRENT90.15TS OPENZ	EUR	15,0900	15,7000	15,0900			15,7000					
Certificate	LU1756857584	BRENT90.25TCIOPENS	EUR	15,3800	15,5300	15,3400	1687,4000	1	15,5300	110				
Certificate	NL0012613764	BRENT90.43TS OPENH	EUR	18,1800	18,1800	18,1800			18,1800					
Certificate	DE000VA64Z49	BRENT90.64TS OPENV	EUR	15,4050	15,4050	15,4050			15,4050					
Certificate	NL0012997563	BRENT90.68BS OPENB	EUR	16,0550	16,0550	16,0550			16,0550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV88FF0	BRENT90.76TS OPENZ	EUR	17,0500	17,6650	17,0500			17,6650					
Certificate	DE000VA64Z56	BRENT91.64TS OPENV	EUR	16,2750	16,2750	16,2750			16,2750					
Certificate	NL0012904601	BRENT91.89TS OPENH	EUR	19,5000	19,5000	19,5000			19,5000					
Certificate	DE000VA64Z64	BRENT92.64TS OPENV	EUR	17,1550	17,1550	17,1550			17,1550					
Certificate	DE000CJ3NVK6	BRENT92.66TS OPENZ	EUR	17,2900	17,9100	17,2900			17,9100					
Certificate	NL0013004310	BRENT92.68BS OPENB	EUR	17,8150	17,8150	17,8150			17,8150					
Certificate	DE000CJ3NXH0	BRENT93.26TS OPENZ	EUR	19,1500	19,7700	19,1500			19,7700					
Certificate	DE000VA64Z72	BRENT93.64TS OPENV	EUR	18,0350	18,0350	18,0350			18,0350					
Certificate	DE000CV88BV6	BRENT95.13TS OPENZ	EUR	19,4500	20,0800	19,4500			20,0800					
Certificate	DE000VA7PU27	BRENT95.61TS OPENV	EUR	19,7750	19,7750	19,7750			19,7750					
Certificate	NL0012557870	BRENT95.67TS OPENH	EUR	22,7400	22,9300	22,7400	4322,5000	1	22,9300	190				
Certificate	DE000CV88ZM4	BRENT95.68TS OPENZ	EUR	21,4400	22,0750	21,4400			22,0750					
Certificate	DE000CV8AYA3	BRUNL 14.9TS OPENZ	EUR	0,2700	0,3000	0,2700	108,0000	1	0,3000	400				
Certificate	DE000CE6F126	BRUNL 16.8TS OPENZ	EUR	0,4700	0,5000	0,4700	94,0000	1	0,5000	200				
Certificate	DE000CV8AXG2	BRUNL 6.68TL OPENZ	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CJ3PJL6	BRUNL 6.93TL OPENZ	EUR	0,6400	0,6700	0,6100	2064,0000	3	0,6100	3200				
Certificate	DE000CJ3NM24	BRUNL 7.73TL OPENZ	EUR	0,5400	0,5400	0,5400	540,0000	1	0,5400	1000				
Certificate	NL0013015845	BRUNL 8.01TL OPENB	EUR	1,0400	1,1100	1,0400	2380,0000	5	1,0700	2200				
Certificate	DE000CV8AY90	BRUNL 8.79TL OPENZ	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0013007180	BRUNL 9.01TL OPENB	EUR	0,8500	0,9600	0,8500	473,8800	2	0,8900	502				
Certificate	DE000CE6EAA0	BRUNL 9.85TL OPENZ	EUR	0,3400	0,4000	0,3400	8481,0000	14	0,3400	23900				
Certificate	NL0012999213	BRUNL10.02TL OPENB	EUR	0,6800	0,7950	0,6300	20900,0000	43	0,7000	28000				
Certificate	DE000CJ3PRV8	BRUNL10.65TL OPENZ	EUR	0,2800	0,3000	0,2600	4320,0000	9	0,2600	15000				
Certificate	NL0013015621	BRUNL11.97TS OPENB	EUR											
Certificate	DE000CJ3N2U7	BRUNL13.05TS OPENZ	EUR	0,0560	0,0560	0,0550	11,1000	2	0,0550	200				
Certificate	DE000CJ3NN49	BRUNL13.47TS OPENZ	EUR	0,1300	0,1500	0,1300	399,8800	3	0,1500	3076				
Certificate	NL0012999247	BRUNL13.97TS OPENB	EUR	0,4900	0,4900	0,3800	5084,0000	24	0,4500	12150				
Certificate	DE000CV8AXH0	BRUNL14.54TS OPENZ	EUR	0,1400	0,1900	0,1400	1580,0000	7	0,1900	10000				
Certificate	NL0012999254	BRUNL14.97TS OPENB	EUR	0,7100	0,7100	0,6100	1280,0000	4	0,6700	2000				
Certificate	DE000CD62RS1	BRUNL16.53TS OPENZ	EUR	0,3800	0,3900	0,3500	1589,0000	5	0,3900	4400				
Certificate	DE000CE6EF97	BRUNL5.529TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CE6D657	BRUNL7.693TL OPENZ	EUR	0,4800	0,5500	0,4800	4158,0000	6	0,5100	8150				
Certificate	DE000CE6D4L2	BRUNL8.744TL OPENZ	EUR	0,4200	0,4300	0,3900	106972,7500	253	0,4000	260200				
Certificate	DE000CE6D4K4	BRUNL9.757TL OPENZ	EUR	0,2700	0,3600	0,2700	21860,0000	59	0,3000	71775				
Certificate	NL0012793442	BSANT 5TS OPENB	EUR	1,0750	1,1150	1,0750			1,1150					
Certificate	NL0010114740	BSANT 1.71TL OPENB	EUR											
Certificate	NL0011971635	BSANT 3.17TL OPENH	EUR	1,4700	1,4700	1,4400			1,4400					
Certificate	NL0011971817	BSANT 3.37TL OPENH	EUR	1,2900	1,2900	1,2600			1,2600					
Certificate	NL0011989397	BSANT 3.47TL OPENH	EUR	1,2000	1,2000	1,1600			1,1600					
Certificate	NL0012025563	BSANT 3.78TL OPENB	EUR	0,8150	0,8150	0,7750			0,7750					
Certificate	NL0013126527	BSANT 4.06TS OPENH	EUR											
Certificate	NL0013127590	BSANT 4.16TS OPENH	EUR											
Certificate	NL0013014186	BSANT 4.34TS OPENB	EUR	0,3650	0,3650	0,3650			0,3650					
Certificate	NL0012907174	BSANT 4.55TS OPENH	EUR	0,7400	0,7800	0,7400			0,7800					
Certificate	NL0012889141	BSANT 4.62TS OPENH	EUR	0,8200	0,8600	0,8200			0,8600					
Certificate	NL0012862577	BSANT 5.16TS OPENH	EUR	1,4200	1,4600	1,4200			1,4600					
Certificate	NL0012890834	BSANT 5.22TS OPENH	EUR	1,4800	1,5200	1,4800			1,5200					
Certificate	NL0012596258	BSANT 5.52TS OPENH	EUR	1,8100	1,8500	1,8100			1,8500					
Certificate	NL0012683221	BSANT 5.77TS OPENB	EUR	1,9050	1,9450	1,9050			1,9450					
Certificate	NL0012369268	BSANT 5.96TS OPENH	EUR	2,3000	2,3400	2,3000			2,3400					
Certificate	NL0012239362	BSANT 6.09TS OPENH	EUR	2,4900	2,5300	2,4900			2,5300					
Certificate	NL0012203087	BSANT 6.23TS OPENH	EUR	2,6500	2,6900	2,6500			2,6900					
Certificate	DE000CV8AWC3	BSANT2.877TL OPENZ	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CD62JF5	BSANT3.378TL OPENZ	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CD63CA9	BSANT3.878TL OPENZ	EUR	0,4300	0,4400	0,4300	880,0000	1	0,4400	2000				
Certificate	DE000CV885W0	BSGR 10.2TL OPENZ	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	DE000CV885X8	BSGR 11.24TL OPENZ	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000CV885Y6	BSGR 12.29TL OPENZ	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	DE000CJ3PRN5	BSLN 31.56TL OPENZ	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CJ3NU40	BSLN 37.06TL OPENZ	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CV880K6	BSLN 43.45TL OPENZ	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CV88W75	BT 1.373TL OPENZ	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	DE000CV87ZB9	BT 1.581TL OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000CV4ZUX9	BT 1.782TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	DE000CV89RV0	BT 1.984TL OPENZ	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000CJ3N2E1	BT 2.235TL OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CV89887	BTP 129.1TS OPENZ	EUR	9,7200	9,7200	9,1450			9,1450					
Certificate	DE000CV89879	BTP 106.1TL OPENZ	EUR	18,3500	18,9350	18,3500			18,9350					
Certificate	DE000CE6CAMA9	BTP 111.2TL OPENZ	EUR	13,2800	13,8550	13,2800			13,8550					
Certificate	DE000CV89DX6	BTP 116.4TL OPENZ	EUR	8,2700	8,8450	8,2700			8,8450					
Certificate	DE000CJ3N013	BTP 123.3TS OPENZ	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000CV894H3	BTP 133.8TS OPENZ	EUR	14,6500	14,6500	14,0650			14,0650					



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	DE000CV508M9	BTP 138.6TS OPENZ	EUR	19,5700	19,5700	18,9950			18,9950					
Certificate	DE000CV508N7	BTP 143.4TS OPENZ	EUR	24,4700	24,4700	23,8850			23,8850					
Certificate	DE000CV882T3	BTP 148.3TS OPENZ	EUR	29,4200	29,4200	28,8450			28,8450					
Certificate	NL0012796726	BUND LEVOPENZ	EUR	48,4000	48,4000	48,4000			48,4000					
Certificate	NL0012796718	BUND SHROPENZ	EUR	51,5900	51,5900	51,5900			51,5900					
Certificate	NL0012565220	BUND 106TL OPENH	EUR	55,8200	55,8200	55,8200			55,8200					
Certificate	NL0012312789	BUND 146TL OPENH	EUR	16,5700	16,5700	16,5700			16,5700					
Certificate	NL0012312771	BUND 147TL OPENH	EUR	15,6600	15,6600	15,6600			15,6600					
Certificate	NL0012310353	BUND 152TL OPENH	EUR	10,7100	10,7100	10,7100			10,7100					
Certificate	NL0012310346	BUND 154TL OPENH	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	NL0012372486	BUND 169TS OPENH	EUR	12,9200	12,9200	12,9200			12,9200					
Certificate	NL0012523880	BUND 171TS OPENH	EUR	14,9300	14,9300	14,9300			14,9300					
Certificate	NL0012586572	BUND 172TS OPENH	EUR	15,9400	15,9400	15,9400			15,9400					
Certificate	NL0012894240	BUND 182TS OPENH	EUR	26,1700	26,1700	26,1700			26,1700					
Certificate	DE000CR9R2N5	BUND 148.TL OPENZ	EUR	12,0600	12,0600	11,6550			11,6550					
Certificate	DE000CN6KTK5	BUND 162.TS OPENZ	EUR	2,0300	2,5000	2,0300	27017,6500	10	2,4250	11799				
Certificate	DE000CE6CE17	BUND 181.TS OPENZ	EUR	21,0800	21,4800	21,0800			21,4800					
Certificate	NL0012372585	BUND 94.1TL OPENH	EUR	67,5000	67,5000	67,5000			67,5000					
Certificate	NL0012312888	BUND 111.6TL OPENH	EUR	50,3400	50,3400	50,3400			50,3400					
Certificate	DE000CR9Q732	BUND 117.4TL OPENZ	EUR	42,6400	42,6400	42,2300			42,2300					
Certificate	NL0012312870	BUND 119.8TL OPENH	EUR	42,3000	42,3000	42,3000			42,3000					
Certificate	NL0012312862	BUND 124.3TL OPENH	EUR	37,8900	37,8900	37,8900			37,8900					
Certificate	DE000CR4J7E8	BUND 126.1TL OPENZ	EUR	33,9400	33,9400	33,5300			33,5300					
Certificate	NL0010126934	BUND 128.6TL OPENB	EUR	33,6400	33,6400	33,6400			33,6400					
Certificate	NL0012312854	BUND 128.8TL OPENH	EUR	33,5000	33,5000	33,5000			33,5000					
Certificate	DE000CR9R2P0	BUND 130.6TL OPENZ	EUR	29,4700	29,4700	29,0650			29,0650					
Certificate	NL0012312847	BUND 132.9TL OPENH	EUR	29,4100	29,4100	29,4100			29,4100					
Certificate	NL0012372577	BUND 134.1TL OPENH	EUR	28,2900	28,2900	28,2900			28,2900					
Certificate	DE000CR9Q740	BUND 134.9TL OPENZ	EUR	25,2200	25,2200	24,8100			24,8100					
Certificate	NL0012608038	BUND 135.3TL OPENH	EUR	27,1300	27,1300	27,1300			27,1300					
Certificate	NL0012372569	BUND 136.1TL OPENH	EUR	26,3200	26,3200	26,3200			26,3200					
Certificate	NL0012312839	BUND 137.5TL OPENH	EUR	24,9500	24,9500	24,9500			24,9500					
Certificate	NL0010659975	BUND 138.4TL OPENB	EUR	23,9900	23,9900	23,9900			23,9900					
Certificate	NL0012372551	BUND 139.1TL OPENH	EUR	23,3500	23,3500	23,3500			23,3500					
Certificate	DE000CR9Q757	BUND 139.2TL OPENZ	EUR	20,8600	20,8600	20,4500			20,4500					
Certificate	NL0012536577	BUND 140.2TL OPENH	EUR	22,2900	22,2900	22,2900			22,2900					
Certificate	NL0012312821	BUND 141.2TL OPENH	EUR	21,2700	21,2700	21,2700			21,2700					
Certificate	NL0012312813	BUND 142.5TL OPENH	EUR	20,0300	20,0300	20,0300			20,0300					
Certificate	NL0012312805	BUND 143.5TL OPENH	EUR	19,0500	19,0500	19,0500			19,0500					
Certificate	DE000CR9R2M7	BUND 143.7TL OPENZ	EUR	16,4100	16,4100	16,0000			16,0000					
Certificate	NL0012312797	BUND 144.8TL OPENH	EUR	17,7500	17,7500	17,7500			17,7500					
Certificate	NL0012372544	BUND 148.5TL OPENH	EUR	14,1600	14,1600	14,1600			14,1600					
Certificate	NL0012372536	BUND 149.5TL OPENH	EUR	13,1800	13,1800	13,1800			13,1800					
Certificate	NL0012372528	BUND 150.5TL OPENH	EUR	12,1900	12,1900	12,1900			12,1900					
Certificate	DE000CN6HR18	BUND 151.6TL OPENZ	EUR	8,5000	8,5000	8,0900			8,0900					
Certificate	NL0012583553	BUND 152.6TL OPENH	EUR	10,1400	10,1400	10,1400			10,1400					
Certificate	DE000CV4ZV15	BUND 154.1TL OPENZ	EUR	5,9500	5,9500	5,5450			5,5450					
Certificate	NL0012600399	BUND 155.4TL OPENH	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	NL0012918684	BUND 156.3TL OPENH	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	NL0012920888	BUND 157.2TL OPENH	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	DE000CJ3PL57	BUND 158.1TL OPENZ	EUR	1,9900	1,9900	1,5000	11010,0000	6	1,5850	6600				
Certificate	NL0011895438	BUND 160.9TS OPENH	EUR	3,7400	3,7400	3,7400	9350,0000	1	3,7400	2500				
Certificate	NL0012310320	BUND 161.7TS OPENH	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	NL0012310312	BUND 162.7TS OPENH	EUR	6,4400	6,4400	6,4400			6,4400					
Certificate	NL0012372510	BUND 164.2TS OPENH	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	NL0011895420	BUND 165.5TS OPENH	EUR	8,5100	8,5100	8,5100			8,5100					
Certificate	DE000CD61AE9	BUND 165.7TS OPENZ	EUR	5,7700	6,2500	5,7700	25222,5000	8	6,1600	4250				
Certificate	NL0012372502	BUND 167.1TS OPENH	EUR	10,9600	10,9600	10,9600			10,9600					
Certificate	NL0012372494	BUND 168.1TS OPENH	EUR	11,9300	11,9300	11,9300			11,9300					
Certificate	DE000CE6C618	BUND 169.6TS OPENZ	EUR	9,6400	10,0300	9,6400	19610,0000	4	10,0300	2000				
Certificate	NL0011895412	BUND 170.3TS OPENH	EUR	13,3800	13,3800	13,3800			13,3800					
Certificate	NL0012372478	BUND 172.9TS OPENH	EUR	16,8700	16,8700	16,8700			16,8700					
Certificate	DE000CE6C626	BUND 173.4TS OPENZ	EUR	13,4400	13,8400	13,4400			13,8400					
Certificate	NL0012374185	BUND 173.8TS OPENH	EUR	17,7800	17,7800	17,7800			17,7800					
Certificate	NL0012431589	BUND 174.9TS OPENH	EUR	18,8700	18,8700	18,8700			18,8700					
Certificate	NL0011895404	BUND 175.1TS OPENH	EUR	18,2500	18,2500	18,2500			18,2500					
Certificate	NL0012439632	BUND 176.6TS OPENH	EUR	20,6100	20,6100	20,6100			20,6100					
Certificate	DE000CE6C634	BUND 177.2TS OPENZ	EUR	17,2600	17,6600	17,2600			17,6600					
Certificate	NL0012537526	BUND 177.6TS OPENH	EUR	21,6200	21,6200	21,6200			21,6200					
Certificate	NL0012846646	BUND 178.5TS OPENH	EUR	22,5900	22,5900	22,5900			22,5900					
Certificate	NL0012548069	BUND 179.6TS OPENH	EUR	23,7300	23,7300	23,7300			23,7300					
Certificate	NL0011895396	BUND 179.9TS OPENH	EUR	23,0500	23,0500	23,0500			23,0500					



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	NL0012905129	BUND 181.2TS OPENH	EUR	25,3200	25,3200	25,3200			25,3200					
Certificate	DE000CV4Z1J2	BUND 184.9TS OPENZ	EUR	24,9500	25,3500	24,9500			25,3500					
Certificate	NL0012372460	BUND 186.6TS OPENH	EUR	30,8300	30,8300	30,8300			30,8300					
Certificate	NL0012372452	BUND 191.4TS OPENH	EUR	35,7700	35,7700	35,7700			35,7700					
Certificate	NL0012372445	BUND 196.3TS OPENH	EUR	40,7800	40,7800	40,7800			40,7800					
Certificate	NL0012372437	BUND 201.3TS OPENH	EUR	45,8100	45,8100	45,8100			45,8100					
Certificate	NL0012372429	BUND 206.1TS OPENH	EUR	50,7600	50,7600	50,7600			50,7600					
Certificate	NL0012372411	BUND 215.8TS OPENH	EUR	60,6900	60,6900	60,6900			60,6900					
Certificate	NL0012372403	BUND 225.5TS OPENH	EUR	70,6000	70,6000	70,6000			70,6000					
Certificate	NL0012920144	BUND 235.3TS OPENH	EUR	80,5600	80,5600	80,5600			80,5600					
Certificate	NL0010766762	BUXL 140.5TL OPENB	EUR	38,7100	38,7100	38,7100			38,7100					
Certificate	NL0010733796	BVLAG STN0920V	EUR											
Certificate	NL0010872032	BVLAQ STN0121V	USD											
Certificate	NL0010872040	BVLAR STN0121V	USD	110,0000	110,0000	107,5500	6744,3300	1	107,5500	7000				
Certificate	DE000CJ3N1M6	BYDC 36TL OPENZ	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	DE000CJ3NWE9	BYDC 42TL OPENZ	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000CJ3PGL2	BYDC 48TL OPENZ	EUR											
Certificate	DE000CJ3NWF6	BYDC 49TL OPENZ	EUR											
Certificate	FR0013123478	CA15S SHROPENS	EUR											
Certificate	DE000CJ3PL31	CABK 2.241TL OPENZ	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CV88582	CABK 2.647TL OPENZ	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CV4YY21	CABK 3.143TL OPENZ	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	NL0009066752	CAC40 350TL OPENB	EUR	47,6400	47,6400	47,6400			47,6400					
Certificate	NL0006471948	CAC40 1290TL OPENB	EUR	38,3700	38,3700	38,3700			38,3700					
Certificate	NL0009070994	CAC40 1860TL OPENB	EUR	32,7600	32,7600	32,7600			32,7600					
Certificate	NL0010129862	CAC40 2570TL OPENB	EUR	25,8100	25,8100	25,8100			25,8100					
Certificate	DE000CT9E629	CAC40 2625TL OPENC	EUR	29,0200	29,0200	29,0200			29,0200					
Certificate	NL0011416797	CAC40 2798TRLOPENH	EUR	23,0500	23,0500	23,0500			23,0500					
Certificate	NL0012849038	CAC40 2840TL OPENH	EUR	23,2300	23,2300	23,2300			23,2300					
Certificate	NL0010251922	CAC40 2850TL OPENB	EUR	23,0400	23,0400	23,0400			23,0400					
Certificate	NL0010252144	CAC40 2910TL OPENB	EUR	22,4800	22,4800	22,4800			22,4800					
Certificate	NL0011416789	CAC40 3014TRLOPENH	EUR	20,9000	20,9000	20,9000			20,9000					
Certificate	NL0010441374	CAC40 3200TL OPENB	EUR	20,0300	20,1300	19,5200	39905,0000	8	19,6200	2000				
Certificate	DE000CZ2EVN3	CAC40 3382TL OPENZ	EUR	17,2600	17,2600	17,2600			17,2600					
Certificate	NL0010891594	CAC40 3430TL OPENB	EUR	17,4100	17,4100	17,4100			17,4100					
Certificate	NL0011053822	CAC40 3433TRLOPENH	EUR	16,7100	16,7100	16,7100			16,7100					
Certificate	NL0011035589	CAC40 3510TL OPENH	EUR	16,6400	16,6400	16,6400			16,6400					
Certificate	DE000CN6JQ58	CAC40 3531TL OPENZ	EUR	15,7700	15,7700	15,7700			15,7700					
Certificate	NL0012861108	CAC40 3560TL OPENH	EUR	16,1200	16,1200	16,1200			16,1200					
Certificate	NL0011648423	CAC40 3590TL OPENB	EUR	15,7700	15,7700	15,7700			15,7700					
Certificate	DE000CN6J140	CAC40 3635TL OPENZ	EUR	14,7300	14,7300	14,7300			14,7300					
Certificate	NL0011037791	CAC40 3656TRLOPENH	EUR	14,4800	14,4800	14,4800			14,4800					
Certificate	DE000CX01JU0	CAC40 3700TL OPENC	EUR	16,4800	16,4800	16,4800			16,4800					
Certificate	DE000CZ79PB8	CAC40 3740TL OPENZ	EUR	13,6900	13,6900	13,6900			13,6900					
Certificate	DE000CX0JXV7	CAC40 3800TL OPENC	EUR	16,3800	16,3800	16,3800			16,3800					
Certificate	DE000CW3AMZ5	CAC40 3800TL OPENC	EUR	15,9400	15,9400	15,9400			15,9400					
Certificate	DE000CN6HJX5	CAC40 3865TL OPENZ	EUR	12,4400	12,4400	12,4400			12,4400					
Certificate	DE000CX59NM7	CAC40 3900TL OPENC	EUR	14,0300	14,0300	14,0300			14,0300					
Certificate	DE000CX008G0	CAC40 3900TL OPENC	EUR	14,9400	14,9400	14,9400			14,9400					
Certificate	NL0011891742	CAC40 3947TRLOPENH	EUR	11,5700	11,5700	11,5700			11,5700					
Certificate	DE000CN6JSQ6	CAC40 3968TL OPENZ	EUR	11,4100	11,4100	11,4100			11,4100					
Certificate	DE000CX01YU9	CAC40 4000TL OPENC	EUR	12,9600	12,9600	12,9600			12,9600					
Certificate	DE000CX00855	CAC40 4000TL OPENC	EUR	14,3400	14,3400	14,3400			14,3400					
Certificate	DE000CD61TX9	CAC40 4070TL OPENZ	EUR	10,3900	10,3900	10,3900			10,3900					
Certificate	NL0011908231	CAC40 4080TL OPENB	EUR	11,0400	11,0400	11,0400			11,0400					
Certificate	DE000CX0KWN4	CAC40 4100TL OPENC	EUR	11,9300	11,9300	11,9300			11,9300					
Certificate	NL0011927447	CAC40 4110TL OPENH	EUR	10,7700	10,7700	10,7700			10,7700					
Certificate	NL0011972328	CAC40 4144TRLOPENH	EUR	9,6000	9,6000	9,6000			9,6000					
Certificate	NL0013018229	CAC40 4167BL OPENB	EUR	9,5800	9,5800	9,5800			9,5800					
Certificate	DE000CD62650	CAC40 4172TL OPENZ	EUR	9,3800	9,3800	9,3800			9,3800					
Certificate	DE000CX0KXF8	CAC40 4200TL OPENC	EUR	10,9100	10,9100	10,9100			10,9100					
Certificate	DE000CX59BU5	CAC40 4200TL OPENC	EUR	11,3700	11,3700	11,3700			11,3700					
Certificate	DE000CX01JV8	CAC40 4200TL OPENC	EUR											
Certificate	LU1841028381	CAC40 4216TCIOPENS	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	NL0012098008	CAC40 4230TL OPENH	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	NL0013018237	CAC40 4267BL OPENB	EUR	8,5800	8,5800	8,5800			8,5800					
Certificate	DE000CD62668	CAC40 4275TL OPENZ	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	DE000CX598L0	CAC40 4300TL OPENC	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	NL0012097992	CAC40 4340TL OPENH	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	NL0012038160	CAC40 4350TL OPENB	EUR	8,3300	8,3300	8,3300			8,3300					
Certificate	NL0012906036	CAC40 4353TRLOPENH	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	NL0012037147	CAC40 4367BL OPENB	EUR	7,5800	7,5800	7,5800			7,5800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD63JY4	CAC40 4375TL OPENZ	EUR	7,7100	7,7100	7,3500	161,9100	1	7,3500	21				
Certificate	DE000CX59RM8	CAC40 4400TL OPENC	EUR	9,3500	9,3500	9,3500			9,3500					
Certificate	DE000CX59LS8	CAC40 4400TL OPENC	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	LU1841028464	CAC40 4427TCIOPENS	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	NL0013008063	CAC40 4439BL OPENB	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	NL0012097968	CAC40 4440TL OPENH	EUR	8,0400	8,0400	7,5300	2010,0000	1	7,5300	250				
Certificate	DE000CD63XM0	CAC40 4476TL OPENZ	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000CY52806	CAC40 4500TL OPENC	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	DE000CQ5ALV9	CAC40 4500TL OPENC	EUR	7,4900	7,4900	7,4900			7,4900					
Certificate	DE000CX59UL4	CAC40 4500TL OPENC	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	DE000CY50T71	CAC40 4500TL OPENC	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	DE000CY50MF0	CAC40 4500TL OPENC	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	DE000CP06859	CAC40 4500TL OPENC	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	DE000CQ5A9R6	CAC40 4500TL OPENC	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	DE000CY508S3	CAC40 4500TL OPENC	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	NL0013086598	CAC40 4503TRLOPENH	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	NL0012098776	CAC40 4510TL OPENB	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	NL0013126261	CAC40 4530TL OPENH	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	DE000VA8F4A9	CAC40 4531TL OPENV	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	NL0012097000	CAC40 4534TRLOPENH	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	NL0013008071	CAC40 4539BL OPENB	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	DE000VA8F4B7	CAC40 4556TL OPENV	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	NL0013086580	CAC40 4563TRLOPENH	EUR	5,4100	5,4100	5,4100			5,4100					
Certificate	NL0013087190	CAC40 4570TL OPENH	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	DE000CD63YE5	CAC40 4577TL OPENZ	EUR	5,8600	5,8600	5,3500	726,6400	1	5,3500	124				
Certificate	DE000VA8FU08	CAC40 4581TL OPENV	EUR	5,2300	5,2300	5,2300			5,2300					
Certificate	NL0013086572	CAC40 4583TRLOPENH	EUR	5,2100	5,2100	5,2100			5,2100					
Certificate	DE000CY51NA7	CAC40 4600TL OPENC	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	DE000CX59Y43	CAC40 4600TL OPENC	EUR	6,8800	6,8800	6,8800			6,8800					
Certificate	DE000CX59Z26	CAC40 4600TL OPENC	EUR	7,3100	7,3100	7,3100			7,3100					
Certificate	NL0012572119	CAC40 4600TL OPENH	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	NL0013086564	CAC40 4603TRLOPENH	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	DE000VA8FUS4	CAC40 4606TL OPENV	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	LU1840976564	CAC40 4627TCIOPENS	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	DE000VA8FUU0	CAC40 4631TL OPENV	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	NL0013082837	CAC40 4636TRLOPENH	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	NL0013008089	CAC40 4639BL OPENB	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	NL0012114896	CAC40 4650TL OPENB	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	NL0013082258	CAC40 4669TRLOPENH	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000CD643G8	CAC40 4677TL OPENZ	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	NL0012197180	CAC40 4680TL OPENH	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	NL0012175988	CAC40 4690TRLOPENH	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	DE000CQ5AXD2	CAC40 4700TL OPENC	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	DE000CY0AL30	CAC40 4700TL OPENC	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	LU1840976648	CAC40 4713TCIOPENS	EUR	3,9600	3,9600	3,9600			3,9600					
Certificate	NL0013080831	CAC40 4720TRLOPENH	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	NL0013008097	CAC40 4739BL OPENB	EUR	3,8500	3,8500	3,8500			3,8500					
Certificate	NL0013081391	CAC40 4750TL OPENH	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	DE000VL9VUA4	CAC40 4757TL OPENV	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	NL0013080823	CAC40 4760TRLOPENH	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	NL0012120356	CAC40 4770TL OPENB	EUR	4,7800	4,7850	4,2500	4780,0000	1	4,2500	1000				
Certificate	DE000CE6BTX8	CAC40 4777TL OPENZ	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000VL9VUB2	CAC40 4782TL OPENV	EUR	4,5300	4,5300	3,9100	10738,0000	6	4,0000	2500				
Certificate	NL0013085814	CAC40 4788TRLOPENH	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	DE000CY16CR7	CAC40 4800TL OPENC	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	DE000CY16BD9	CAC40 4800TL OPENC	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	DE000CQ5AXR2	CAC40 4800TL OPENC	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	NL0012200711	CAC40 4804TRLOPENH	EUR	3,5100	3,6000	2,9000	2923,7500	6	3,0000	875				
Certificate	DE000VL9VUC0	CAC40 4807TL OPENV	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	LU1840976721	CAC40 4820TCIOPENS	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	NL0012899819	CAC40 4820TL OPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	NL0013078447	CAC40 4839TRLOPENH	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0012687081	CAC40 4840BL OPENB	EUR	3,1000	3,1050	2,8500	15170,0000	3	2,8500	5000				
Certificate	DE000VA8F543	CAC40 4856TL OPENV	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	NL0013015100	CAC40 4870TL OPENB	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	NL0013084106	CAC40 4870TL OPENH	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0012208136	CAC40 4875TRLOPENH	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CE6COS6	CAC40 4877TL OPENZ	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000VN66N04	CAC40 4887TL OPENV	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	NL0013082829	CAC40 4897TRLOPENH	EUR	2,4800	2,4800	2,0900	124,0000	1	2,0900	50				
Certificate	DE000CY522G6	CAC40 4900TL OPENC	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CY16GH9	CAC40 4900TL OPENC	EUR	3,9100	3,9100	3,9100			3,9100					



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	NL0012213326	CAC40 4900TL OPENH	EUR											
Certificate	DE000VL61TF9	CAC40 4902TL OPENV	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000VA80GF9	CAC40 4906TL OPENV	EUR											
Certificate	LU1859828078	CAC40 4907TCIOPENS	EUR											
Certificate	NL0013126618	CAC40 4910TL OPENH	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	NL0012898720	CAC40 4917TRLOPENH	EUR											
Certificate	NL0012901615	CAC40 4920TL OPENH	EUR											
Certificate	NL0013128762	CAC40 4921TRLOPENH	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	LU1859904192	CAC40 4926TCIOPENS	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000VA80GH5	CAC40 4931TL OPENV	EUR											
Certificate	NL0013128754	CAC40 4941TRLOPENH	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000VL76G11	CAC40 4954TL OPENV	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000VA80GK9	CAC40 4956TL OPENV	EUR											
Certificate	NL0013129562	CAC40 4960TL OPENH	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0013128747	CAC40 4961TRLOPENH	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0013145543	CAC40 4970TL OPENB	EUR	2,2700	2,2700	1,7800	4540,0000	1	1,7800	2000				
Certificate	DE000CJ3PTR2	CAC40 4977TL OPENZ	EUR	1,9300	1,9300	1,3900	734,0000	2	1,3900	400				
Certificate	DE000VA87D30	CAC40 4981TL OPENV	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	LU1859910918	CAC40 4990TCIOPENS	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000CY16RN4	CAC40 5000TL OPENC	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	DE000CY517L9	CAC40 5000TL OPENC	EUR											
Certificate	DE000CY51847	CAC40 5000TL OPENC	EUR											
Certificate	NL0013129208	CAC40 5000TRLOPENH	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	NL0013126253	CAC40 5000TS OPENH	EUR											
Certificate	NL0013128044	CAC40 5010TL OPENH	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000VN66NH3	CAC40 5036TL OPENV	EUR											
Certificate	NL0013127079	CAC40 5040TS OPENH	EUR											
Certificate	NL0013125461	CAC40 5060TS OPENH	EUR											
Certificate	LU1859829126	CAC40 5062TPIOPEND	EUR											
Certificate	DE000VA8F394	CAC40 5066TS OPENV	EUR											
Certificate	NL0013017494	CAC40 5074BS OPENB	EUR											
Certificate	NL0013086556	CAC40 5077TRSOPEH	EUR											
Certificate	NL0013016884	CAC40 5080TS OPENB	EUR											
Certificate	DE000VA8FOM2	CAC40 5091TS OPENV	EUR											
Certificate	NL0013086549	CAC40 5097TRSOPEH	EUR											
Certificate	NL0013087174	CAC40 5100TS OPENH	EUR											
Certificate	DE000CJ3PG04	CAC40 5105TS OPENZ	EUR											
Certificate	NL0013086531	CAC40 5116TRSOPEH	EUR											
Certificate	DE000VA8FUG9	CAC40 5117TS OPENV	EUR											
Certificate	NL0013086523	CAC40 5136TRSOPEH	EUR											
Certificate	DE000VA8FUH7	CAC40 5142TS OPENV	EUR											
Certificate	NL0013087166	CAC40 5150TS OPENH	EUR											
Certificate	DE000VA8FUJ3	CAC40 5167TS OPENV	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	NL0013014707	CAC40 5171BS OPENB	EUR	0,8200	0,9800	0,8200			0,9800					
Certificate	NL0013085475	CAC40 5174TRSOPEH	EUR	0,7200	0,8200	0,7200	704,0000	2	0,8200	800				
Certificate	NL0013015258	CAC40 5180TS OPENB	EUR	1,3100	1,3100	1,3100	617,5000	3	0,8200	850				
Certificate	NL0013085236	CAC40 5190TS OPENH	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000VA8FUL9	CAC40 5192TS OPENV	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CY52ZH4	CAC40 5200TS OPENC	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0013082811	CAC40 5202TRSOPEH	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	DE000CJ3PFC3	CAC40 5204TS OPENZ	EUR	0,6900	1,1300	0,6100	19325,0000	19	1,0500	26000				
Certificate	DE000VA8FUN5	CAC40 5217TS OPENV	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0013082803	CAC40 5232TRSOPEH	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	NL0013081375	CAC40 5240TS OPENH	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000VA8FRZ5	CAC40 5242TS OPENV	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	LU1840974353	CAC40 5244TPIOPEND	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	NL0013080815	CAC40 5252TRSOPEH	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	DE000VA7THI2	CAC40 5268TS OPENV	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	NL0013011273	CAC40 5271BS OPENB	EUR	1,4800	1,9800	1,4750	6831,0000	2	1,9800	4600				
Certificate	NL0013009400	CAC40 5280TS OPENB	EUR	1,8000	2,3700	1,8000	7,4700	4	2,3700	4				
Certificate	NL0013080807	CAC40 5282TRSOPEH	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000VA7THV8	CAC40 5293TS OPENV	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CP06V65	CAC40 5300TS OPENC	EUR	1,4900	2,0700	1,4800	3708,0000	2	2,0700	2400				
Certificate	LU1840974437	CAC40 5302TPIOPEND	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CJ3N4A5	CAC40 5302TS OPENZ	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0013081367	CAC40 5310TS OPENH	EUR	3,2200	3,2200	3,2200			3,2200					
Certificate	NL0013080799	CAC40 5312TRSOPEH	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	DE000VA7THW6	CAC40 5318TS OPENV	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000VA1SSN7	CAC40 5324TL OPENV	EUR											
Certificate	NL0013080781	CAC40 5342TRSOPEH	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000VA71LX1	CAC40 5343TS OPENV	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000VA71LY9	CAC40 5368TS OPENV	EUR	2,7000	2,7000	2,7000			2,7000					



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	NL0013008444	CAC40 5370BS OPENB	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	NL0013080773	CAC40 5372TRSOPENH	EUR	2,2700	2,7600	2,2700	1521,0000	2	2,7600	650				
Certificate	NL0012914469	CAC40 5380TL OPENH	EUR											
Certificate	NL0013007792	CAC40 5380TS OPENB	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0012909923	CAC40 5390TL OPENH	EUR											
Certificate	NL0012915821	CAC40 5392TRLOPENH	EUR											
Certificate	DE000VA77EU7	CAC40 5394TS OPENV	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	DE000CQ5AXE0	CAC40 5400TL OPENC	EUR											
Certificate	DE000CQ5AXS0	CAC40 5400TL OPENC	EUR											
Certificate	DE000CP07BP0	CAC40 5400TS OPENC	EUR	3,5200	3,5200	3,5200				3,5200				
Certificate	DE000CP06V73	CAC40 5400TS OPENC	EUR	3,0700	3,0700	3,0700				3,0700				
Certificate	NL0013079510	CAC40 5401TRSOPENH	EUR	3,0600	3,0600	3,0600				3,0600				
Certificate	LU1840959800	CAC40 5402TPIOPENB	EUR	3,0600	3,0600	3,0600				3,0600				
Certificate	DE000CJ3N146	CAC40 5402TS OPENZ	EUR	3,1200	3,1200	3,1200				3,1200				
Certificate	NL0013079221	CAC40 5410TS OPENH	EUR	4,2300	4,2300	4,2300				4,2300				
Certificate	NL0013079502	CAC40 5411TRSOPENH	EUR	3,1600	3,1600	3,1600				3,1600				
Certificate	NL0012915813	CAC40 5412TRLOPENH	EUR											
Certificate	DE000VA77EV5	CAC40 5419TS OPENV	EUR	3,1900	3,1900	3,1900				3,1900				
Certificate	NL0013079080	CAC40 5420TS OPENH	EUR	4,4000	4,4000	4,4000				4,4000				
Certificate	NL0013079494	CAC40 5421TRSOPENH	EUR	3,2500	3,2500	3,2500				3,2500				
Certificate	NL0012915250	CAC40 5430TL OPENH	EUR											
Certificate	NL0012915805	CAC40 5430TRLOPENH	EUR											
Certificate	NL0013079486	CAC40 5431TRSOPENH	EUR	3,3500	3,3500	3,3500				3,3500				
Certificate	NL0013078439	CAC40 5438TRSOPENH	EUR	3,4200	3,4200	3,4200				3,4200				
Certificate	DE000VA77A24	CAC40 5447TS OPENV	EUR	3,4400	3,4400	3,4400				3,4400				
Certificate	NL0013126824	CAC40 5460TRSOPENH	EUR	3,6400	3,6400	3,6400				3,6400				
Certificate	NL0013127764	CAC40 5461TRSOPENH	EUR	3,6500	3,6500	3,6500				3,6500				
Certificate	NL0013078421	CAC40 5467TRSOPENH	EUR	3,7200	3,7200	3,7200				3,7200				
Certificate	NL0013006117	CAC40 5469BS OPENB	EUR	3,5000	3,9600	3,5000	455,0000	1		130				
Certificate	DE000VA77A19	CAC40 5472TS OPENV	EUR	3,6900	3,6900	3,6900				3,6900				
Certificate	LU1840910464	CAC40 5479TPIOPENB	EUR	3,8100	3,8100	3,8100				3,8100				
Certificate	NL0012907810	CAC40 5480TS OPENH	EUR	5,0000	5,0000	5,0000				5,0000				
Certificate	NL0012915243	CAC40 5490TL OPENH	EUR											
Certificate	NL0013005382	CAC40 5490TS OPENB	EUR	4,4500	4,4500	4,4500				4,4500				
Certificate	NL0013078413	CAC40 5497TRSOPENH	EUR	4,0200	4,0200	4,0200				4,0200				
Certificate	DE000VA77A35	CAC40 5497TS OPENV	EUR	3,9400	3,9400	3,9400				3,9400				
Certificate	DE000CP064K5	CAC40 5500TS OPENC	EUR											
Certificate	DE000CP06V81	CAC40 5500TS OPENC	EUR	4,0600	4,0600	4,0600				4,0600				
Certificate	DE000CJ3NZW4	CAC40 5501TS OPENZ	EUR	4,1000	4,1000	4,1000				4,1000				
Certificate	NL0013078132	CAC40 5522TRSOPENH	EUR	4,2600	4,2600	4,2600				4,2600				
Certificate	DE000VA7PWG6	CAC40 5522TS OPENV	EUR	4,1800	4,1800	4,1800				4,1800				
Certificate	NL0012920649	CAC40 5540TS OPENH	EUR	5,6300	5,6300	5,6300				5,6300				
Certificate	NL0012916316	CAC40 5552TRSOPENH	EUR	4,5600	4,5600	4,5600				4,5600				
Certificate	NL0012530059	CAC40 5561TRSOPENH	EUR	4,6500	4,6500	4,6500				4,6500				
Certificate	NL0012786461	CAC40 5568BS OPENB	EUR	4,9600	4,9600	4,9600				4,9600				
Certificate	NL0012539878	CAC40 5570TS OPENH	EUR	5,8700	5,8700	5,8700				5,8700				
Certificate	NL0012785687	CAC40 5580TS OPENB	EUR	5,8800	5,8800	5,8800				5,8800				
Certificate	NL0012905350	CAC40 5583TRSOPENH	EUR	4,8700	4,8700	4,8700				4,8700				
Certificate	DE000CE6CGS3	CAC40 5598TS OPENZ	EUR	5,0700	5,0700	5,0700				5,0700				
Certificate	NL0012529085	CAC40 5600TS OPENH	EUR	6,1700	6,1700	6,1700				6,1700				
Certificate	NL0012916308	CAC40 5601TRSOPENH	EUR	5,0500	5,0500	5,0500				5,0500				
Certificate	NL0012051643	CAC40 5610TS OPENH	EUR	6,3100	6,3100	6,3100				6,3100				
Certificate	NL0012905343	CAC40 5613TRSOPENH	EUR	5,1700	5,1700	5,1700				5,1700				
Certificate	DE000VA15UL4	CAC40 5627TS OPENV	EUR	4,4200	4,4200	4,4200				4,4200				
Certificate	NL0012890586	CAC40 5630TS OPENH	EUR	6,4800	6,4800	6,4800				6,4800				
Certificate	NL0012904049	CAC40 5636TRSOPENH	EUR	5,4000	5,4000	5,4000				5,4000				
Certificate	NL0012905657	CAC40 5645TRSOPENH	EUR	5,4900	5,4900	5,4900				5,4900				
Certificate	DE000VA15UN0	CAC40 5652TS OPENV	EUR	4,6700	4,6700	4,6700				4,6700				
Certificate	NL0011590393	CAC40 5658TRSOPENH	EUR	5,6200	5,6200	5,6200				5,6200				
Certificate	NL0012895064	CAC40 5660TS OPENH	EUR	6,8400	6,8400	6,8400				6,8400				
Certificate	NL0012790786	CAC40 5672BS OPENB	EUR	5,5200	6,0000	5,5200	27600,0000	5		5000				
Certificate	NL0012918882	CAC40 5676TRSOPENH	EUR	5,8000	5,8000	5,8000				5,8000				
Certificate	NL0012905640	CAC40 5685TRSOPENH	EUR	5,8900	5,8900	5,8900				5,8900				
Certificate	NL0013003148	CAC40 5690TS OPENB	EUR	6,4400	6,4400	6,4400				6,4400				
Certificate	DE000CE6CSU4	CAC40 5699TS OPENZ	EUR	6,0700	6,0700	6,0700				6,0700				
Certificate	DE000CQ5BLX3	CAC40 5700TS OPENC	EUR	5,6100	5,6100	5,6100				5,6100				
Certificate	NL0011227905	CAC40 5700TS OPENH	EUR	7,2500	7,2500	7,2500				7,2500				
Certificate	NL0012904031	CAC40 5706TRSOPENH	EUR	6,1000	6,1000	6,1000				6,1000				
Certificate	NL0012557235	CAC40 5719TRSOPENH	EUR	6,2300	6,2300	6,2300				6,2300				
Certificate	NL0013001001	CAC40 5724BS OPENB	EUR	6,5100	6,5100	6,5100				6,5100				
Certificate	NL0012520100	CAC40 5735TRSOPENH	EUR											
Certificate	NL0012905632	CAC40 5745TRSOPENH	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	NL0012860068	CAC40 5750TS OPENH	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	DE000VA15Q57	CAC40 5765TS OPENV	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	NL0013003056	CAC40 5775BS OPENB	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	NL0012558068	CAC40 5780TS OPENH	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	NL0012904775	CAC40 5782TRSOPENH	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	NL0012791693	CAC40 5800TS OPENB	EUR	7,6900	8,1800	7,6850	769,0000	1		100				
Certificate	DE000CY52EW8	CAC40 5800TS OPENC	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	LU1790508979	CAC40 5818TPIOPENS	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	DE000CF6D194	CAC40 5818TS OPENZ	EUR	7,2600	7,2600	7,2600			7,2600					
Certificate	NL0012848584	CAC40 5820TS OPENH	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	NL0012848253	CAC40 5836TRSOPENH	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	NL0013003155	CAC40 5860TS OPENB	EUR	8,1500	8,1500	8,1500			8,1500					
Certificate	NL0012905624	CAC40 5864TRSOPENH	EUR	7,6800	7,6800	7,6800			7,6800					
Certificate	LU1651904085	CAC40 5866TPIOPENS	EUR											
Certificate	NL0012909055	CAC40 5870TS OPENH	EUR	8,9500	8,9500	8,9500			8,9500					
Certificate	NL0012904767	CAC40 5901TRSOPENH	EUR	8,0500	8,0500	8,0500			8,0500					
Certificate	LU1695124005	CAC40 5903TPIOPENS	EUR											
Certificate	NL0012860944	CAC40 5910TS OPENH	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	DE000CE6F1F8	CAC40 5917TS OPENZ	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	NL0012894943	CAC40 5920TS OPENH	EUR	9,4800	9,4800	9,4800			9,4800					
Certificate	NL0012905616	CAC40 5924TRSOPENH	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	NL0012269641	CAC40 5940BOC1218B	EUR	59,0500	59,0500	58,8500			58,8500					
Certificate	NL0012243141	CAC40 5950TS OPENH	EUR	9,7700	9,7700	9,7700			9,7700					
Certificate	NL0012864045	CAC40 5959TRSOPENH	EUR	8,6300	8,6300	8,6300			8,6300					
Certificate	DE000VA1ZD97	CAC40 5959TS OPENV	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	DE000VL2FX77	CAC40 5970TS OPENV	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000VL37H42	CAC40 5971TS OPENV	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	DE000VA1ZEB7	CAC40 5984TS OPENV	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	NL0013003833	CAC40 5990TS OPENB	EUR	9,4600	9,4600	9,4600			9,4600					
Certificate	DE000CY52ND9	CAC40 6000TS OPENC	EUR	7,0700	7,0700	7,0700			7,0700					
Certificate	DE000CQ58AT4	CAC40 6000TS OPENC	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	DE000CQ58NL4	CAC40 6000TS OPENC	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	DE000CY16XV5	CAC40 6000TS OPENC	EUR	5,0800	5,0800	5,0800			5,0800					
Certificate	DE000CY50412	CAC40 6000TS OPENC	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0012097729	CAC40 6000TS OPENH	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	DE000VA1ZED3	CAC40 6009TS OPENV	EUR	7,4500	7,4500	7,4500			7,4500					
Certificate	NL0012905608	CAC40 6014TRSOPENH	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	DE000CE6FA83	CAC40 6018TS OPENZ	EUR	9,2600	9,2600	9,2600			9,2600					
Certificate	DE000VL2FYA4	CAC40 6020TS OPENV	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	DE000VL37H59	CAC40 6021TS OPENV	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	DE000VN66L71	CAC40 6031TS OPENV	EUR	4,6900	4,6900	4,6900			4,6900					
Certificate	DE000VN66M21	CAC40 6031TS OPENV	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	DE000VA1ZEE1	CAC40 6034TS OPENV	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	DE000VA1ZEF8	CAC40 6059TS OPENV	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	DE000VL2FYC0	CAC40 6070TS OPENV	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	DE000VL37H67	CAC40 6071TS OPENV	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	NL0012903819	CAC40 6080TS OPENH	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	DE000VN66M47	CAC40 6081TS OPENV	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000VN66L97	CAC40 6081TS OPENV	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	DE000VA1ZEG6	CAC40 6084TS OPENV	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	DE000VA15QU3	CAC40 6090TS OPENV	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	LU1756868433	CAC40 6091TPIOPENS	EUR	8,5400	8,5400	8,5400			8,5400					
Certificate	DE000CY52EX6	CAC40 6100TS OPENC	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	DE000VA15QW9	CAC40 6115TS OPENV	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	DE000CE6FCK2	CAC40 6115TS OPENZ	EUR	10,2200	10,2200	10,2200			10,2200					
Certificate	NL0013003841	CAC40 6120TS OPENB	EUR	10,8600	10,8600	10,8600			10,8600					
Certificate	DE000VA15QX7	CAC40 6140TS OPENV	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	DE000VA15Q22	CAC40 6165TS OPENV	EUR	9,3900	9,3900	9,3900			9,3900					
Certificate	NL0012905590	CAC40 6173TRSOPENH	EUR	10,7700	10,7700	10,7700			10,7700					
Certificate	DE000CY16XW3	CAC40 6200TS OPENC	EUR	7,0000	7,0000	7,0000			7,0000					
Certificate	DE000CY16F96	CAC40 6200TS OPENC	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	DE000CY1G18	CAC40 6200TS OPENC	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	NL0013003858	CAC40 6320TS OPENB	EUR	12,8500	12,8500	12,8500			12,8500					
Certificate	NL0012906028	CAC40 6324TRSOPENH	EUR	12,2700	12,2700	12,2700			12,2700					
Certificate	DE000CV89051	CAC40 6324TS OPENZ	EUR	12,3100	12,3100	12,3100			12,3100					
Certificate	NL0012903801	CAC40 6330TS OPENH	EUR	13,6000	13,6000	13,6000			13,6000					
Certificate	DE000CY52RY6	CAC40 6400TS OPENC	EUR	10,6400	10,6400	10,6400			10,6400					
Certificate	DE000CY501L3	CAC40 6400TS OPENC	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	NL0012196562	CAC40 6483TRSOPENH	EUR	13,8700	13,8700	13,8700			13,8700					
Certificate	DE000CQ5A9T2	CAC40 6500TS OPENC	EUR	12,1600	12,1600	12,1600			12,1600					
Certificate	DE000CY16H60	CAC40 6500TS OPENC	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	DE000CQ58AU2	CAC40 6500TS OPENC	EUR	13,4000	13,4000	13,4000			13,4000					



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	DE000CV50QT2	CAC40 6500TS OPENC	EUR	11,1600	11,1600	11,1600			11,1600					
Certificate	DE000CV87MQ5	CAC40 6514TS OPENZ	EUR	14,2100	14,2100	14,2100			14,2100					
Certificate	NL0012175947	CAC40 6571TRSOPENH	EUR	14,7500	14,7500	14,7500			14,7500					
Certificate	DE000CQ5AC16	CAC40 6600TS OPENC	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	DE000CV50LJ4	CAC40 6600TS OPENC	EUR	11,6900	11,6900	11,6900			11,6900					
Certificate	NL0012202071	CAC40 6761TRSOPENH	EUR	16,6500	16,6500	16,6500			16,6500					
Certificate	DE000CQ5BEV2	CAC40 6800TS OPENC	EUR	16,3300	16,3300	16,3300			16,3300					
Certificate	DE000CV52AT2	CAC40 6800TS OPENC	EUR	14,2900	14,2900	14,2900			14,2900					
Certificate	NL0012860894	CAC40 6840TS OPENH	EUR	18,8200	18,8200	18,8200			18,8200					
Certificate	DE000CV88L52	CAC40 6922TS OPENZ	EUR	18,2900	18,2900	18,2900			18,2900					
Certificate	DE000CV52GA9	CAC40 7000TS OPENC	EUR	16,8000	16,8000	16,8000			16,8000					
Certificate	NL0012906010	CAC40 7121TRSOPENH	EUR	20,2500	20,2500	20,2500			20,2500					
Certificate	NL0013082241	CAC40 7290TRSOPENH	EUR	21,9400	21,9400	21,9400			21,9400					
Certificate	NL0012524300	CAC40 7522TRSOPENH	EUR	24,2600	24,2600	24,2600			24,2600					
Certificate	NL0012523591	CAC40 7600TS OPENH	EUR	26,6200	26,6200	26,6200			26,6200					
Certificate	NL0012906002	CAC40 7869TRSOPENH	EUR	27,7300	27,7300	27,7300			27,7300					
Certificate	NL0012520092	CAC40 7895TRSOPENH	EUR											
Certificate	DE000CV592U4	CAGR1 8TL OPENC	EUR	4,1100	4,1100	4,1100			4,1100					
Certificate	DE000CX59PD1	CAGR1 9TL OPENC	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	DE000CX59KA8	CAGR1 9TL OPENC	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	DE000CQ5BE21	CAGR1 9TL OPENC	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	DE000CX59PE9	CAGR1 10TL OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CX59KB6	CAGR1 10TL OPENC	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CX59UY7	CAGR1 11TL OPENC	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CV16AJ8	CAGR1 11TL OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CV16RZ8	CAGR1 12TL OPENC	EUR											
Certificate	DE000CP06TU4	CAGR1 13TS OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CV52VF7	CAGR1 15TS OPENC	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	DE000CQ5ACS4	CAGR1 16TS OPENC	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000CV50GX5	CAGR1 16TS OPENC	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CV500G5	CAGR1 16TS OPENC	EUR	2,9500	2,9500	2,9500			2,9500					
Certificate	DE000CV16WS3	CAGR1 18TS OPENC	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	DE000CV50EN1	CAGR1 18TS OPENC	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	NL0012115091	CAGR1 10.5TL OPENB	EUR	2,0650	2,0750	2,0650			2,0750					
Certificate	NL0010133906	CAGR1 2.01TL OPENB	EUR	9,7850	9,7850	9,7850			9,7850					
Certificate	NL0011599709	CAGR1 3.33TL OPENH	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	NL0010379244	CAGR1 4.06TL OPENB	EUR	7,8950	7,8950	7,8950			7,8950					
Certificate	NL0011413075	CAGR1 4.57TL OPENH	EUR	7,4700	7,4700	7,4600			7,4600					
Certificate	NL0012056279	CAGR1 8.15TL OPENH	EUR	4,2100	4,2100	4,2000			4,2000					
Certificate	NL0012049795	CAGR1 9.21TL OPENH	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	DE000CD63PN4	CAGR1 9.86TL OPENZ	EUR	1,7650	1,7900	1,7650			1,7900					
Certificate	DE000CE6BV41	CAGR110.86TL OPENZ	EUR	0,7850	0,8100	0,7850			0,8100					
Certificate	NL0013128242	CAGR111.15TL OPENH	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0012582522	CAGR113.73TS OPENH	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	NL0012559678	CAGR114.69TS OPENH	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	NL0012560932	CAGR114.69TS OPENH	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	NL0012107510	CAGR114.87TS OPENB	EUR	4,9150	4,9150	4,8950			4,8950					
Certificate	NL0012054050	CAGR115.71TS OPENH	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	NL0012049779	CAGR116.14TS OPENH	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	NL0012313969	CAGR118.13TS OPENH	EUR	8,5500	8,5500	8,5500			8,5500					
Certificate	NL0012313951	CAGR118.62TS OPENH	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	NL0012313944	CAGR120.55TS OPENH	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	NL0012371710	CAGR122.52TS OPENH	EUR	13,4300	13,4300	13,4300			13,4300					
Certificate	DE000CV898J0	CAGR17.864TL OPENZ	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000CV89P40	CAGR18.862TL OPENZ	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0012023543	CAMEC 6.7TL OPENB	EUR	4,1500	4,1500	4,1200	2075,0000	1	4,1200	500				
Certificate	NL0010905261	CAPGE 50.7TL OPENB	EUR	6,4350	6,4350	6,4050			6,4050					
Certificate	NL0010926572	CAPGE 59.2TL OPENB	EUR	5,6550	5,6550	5,6250			5,6250					
Certificate	NL0011652094	CAPGE 69.7TL OPENB	EUR	4,6750	4,6750	4,6450			4,6450					
Certificate	NL0012120661	CAPGE 79.9TL OPENB	EUR	3,7250	3,7250	3,6950			3,6950					
Certificate	NL0012259543	CAPGE 84.1TL OPENB	EUR	3,3450	3,3450	3,3150			3,3150					
Certificate	NL0013015852	CAPGE 86.1TL OPENB	EUR	3,1550	3,1550	3,1250			3,1250					
Certificate	NL0013015860	CAPGE 88.1TL OPENB	EUR	2,9750	2,9750	2,9450			2,9450					
Certificate	NL0013015878	CAPGE 90.1TL OPENB	EUR	2,7850	2,7850	2,7550			2,7550					
Certificate	NL0013017056	CAPGE 92.1TL OPENB	EUR	2,6050	2,6050	2,5750			2,5750					
Certificate	NL0013017064	CAPGE 94.1TL OPENB	EUR	2,4150	2,4150	2,3850			2,3850					
Certificate	NL0013018039	CAPGE 96.1TL OPENB	EUR	2,2350	2,2350	2,2050			2,2050					
Certificate	NL0013019060	CAPGE 98.1TL OPENB	EUR	2,0450	2,0450	2,0150			2,0150					
Certificate	NL0013145865	CAPGE100.1TL OPENB	EUR	1,8650	1,8650	1,8350			1,8350					
Certificate	NL0013145873	CAPGE102.1TL OPENB	EUR	1,6750	1,6750	1,6450			1,6450					
Certificate	NL0013016017	CAPGE104.4TS OPENB	EUR											
Certificate	NL0013015639	CAPGE107.4TS OPENB	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013010044	CAPGE110.4TS OPENB	EUR											
Certificate	NL0013010051	CAPGE113.4TS OPENB	EUR	1,2050	1,2250	1,2050			1,2250					
Certificate	NL0012985469	CAPGE116.3TS OPENB	EUR	1,5150	1,5350	1,5150				1,5350				
Certificate	NL0013005564	CAPGE119.4TS OPENB	EUR	1,8550	1,8750	1,8550				1,8750				
Certificate	DE000CN6JXM5	CAPGE71.64TL OPENZ	EUR	3,9300	3,9300	3,9300				3,9300				
Certificate	DE000CE6BW65	CAPGE80.56TL OPENZ	EUR	3,0400	3,0400	3,0400				3,0400				
Certificate	DE000CE6CRK7	CAPGE90.48TL OPENZ	EUR	2,0600	2,0600	2,0600				2,0600				
Certificate	DE000CE6CD59	CARBO 4.5TL OPENZ	EUR	11,4000	12,8400	11,4000				12,8400				
Certificate	DE000CV87V10	CARBO 9.5TL OPENZ	EUR	6,5400	7,9800	6,5400				7,9800				
Certificate	DE000CE6E820	CARBO 5.02TL OPENZ	EUR	10,8900	12,3400	10,8900				12,3400				
Certificate	DE000CE6F6K7	CARBO 5.53TL OPENZ	EUR	10,3900	11,8400	10,3900				11,8400				
Certificate	DE000CV87EV2	CARBO 8.73TL OPENZ	EUR	7,2900	8,7300	7,2900				8,7300				
Certificate	DE000CV88509	CARBO12.08TL OPENZ	EUR	4,0300	5,4600	4,0300	113,7500	1		5,4600	25			
Certificate	DE000CV885M1	CARBO17.22TL OPENZ	EUR											
Certificate	DE000CJ3N3Z4	CARBO21.19TS OPENZ	EUR	6,3500	6,3500	4,9300				4,9300				
Certificate	DE000CJ3NJA4	CARBO24.19TS OPENZ	EUR	9,4600	9,4600	8,0400				8,0400				
Certificate	DE000CV88BR3	CARBO29.03TS OPENZ	EUR	14,4500	14,4500	13,0400				13,0400				
Certificate	DE000CN6EPG4	CARLS465.4TL OPENZ	EUR	0,7450	0,7450	0,7150				0,7150				
Certificate	DE000CR6XTE7	CARLS515.1TL OPENZ	EUR	0,6150	0,6150	0,5850				0,5850				
Certificate	DE000CN6JWA2	CARLS564.2TL OPENZ	EUR	0,4850	0,4850	0,4550				0,4550				
Certificate	DE000CE6DC59	CARLS568.4TL OPENZ	EUR	0,1750	0,1750	0,1750				0,1750				
Certificate	NL0011419098	CATER 52.3TL OPENH	EUR	67,1200	67,3700	67,1200				67,3700				
Certificate	NL0000455343	CEC PI OPENN	EUR	16,9400	16,9400	16,9400				16,9400				
Certificate	NL0009070499	CEC 500TL OPENB	EUR	12,2500	12,2500	12,2500				12,2500				
Certificate	NL0012793996	CEC 1510TL OPENB	EUR	2,6500	2,6500	2,6500				2,6500				
Certificate	NL0013145550	CEC 1620TL OPENB	EUR	1,7100	1,7100	1,7100				1,7100				
Certificate	NL0013017999	CEC 1680TS OPENB	EUR											
Certificate	NL0012790430	CEC 1790TS OPENB	EUR	2,2000	2,2000	2,2000				2,2000				
Certificate	NL0012687925	CEC 1900TS OPENB	EUR	3,3500	3,3500	3,3500				3,3500				
Certificate	NL0013018013	CEVA 22TL OPENB	EUR	8,3750	8,3750	8,3450	53986,5000	8		8,3450	6450			
Certificate	NL0013018005	CEVA 24.2TL OPENB	EUR	6,6350	6,6350	6,5950				6,5950				
Certificate	NL0012998165	CFEB 109.5BS OPENB	EUR	0,7850	0,7950	0,7850				0,7950				
Certificate	DE000CV4ZZK5	CFEB 114.3TS OPENZ	EUR	1,3300	1,3300	1,3300				1,3300				
Certificate	NL0012998173	CFEB 124.5BS OPENB	EUR	1,5350	1,5350	1,5350				1,5350				
Certificate	DE000CV4ZJ70	CFEB 127.4TS OPENZ	EUR	2,0300	2,0300	2,0300				2,0300				
Certificate	NL0013017551	CFEB 57.73BL OPENB	EUR	1,9750	1,9750	1,9650				1,9650				
Certificate	DE000CJ3N6Z7	CFEB 59.28TL OPENZ	EUR	1,9700	1,9700	1,9700				1,9700				
Certificate	DE000CV89B46	CFEB 66.28TL OPENZ	EUR	1,6400	1,6400	1,6400				1,6400				
Certificate	NL0013008667	CFEB 67.75BL OPENB	EUR	1,4750	1,4750	1,4650				1,4650				
Certificate	DE000CN6G1P7	CFEB 77.05TL OPENZ	EUR	1,1600	1,1600	1,1300	2185,4400	3		1,1300	1884			
Certificate	NL0012997944	CFEB 77.76BL OPENB	EUR	0,9650	0,9650	0,9650				0,9650				
Certificate	DE000CD62VR5	CFEB 84.54TL OPENZ	EUR	0,7800	0,7800	0,7800				0,7800				
Certificate	NL0013146400	CFEB 87.76BL OPENB	EUR	0,4650	0,4650	0,4650				0,4650				
Certificate	NL0013016637	CFEB 94.54BS OPENB	EUR											
Certificate	NL0010113866	CFOUR 7.57TL OPENB	EUR	10,3800	10,3800	10,3800				10,3800				
Certificate	NL0012313993	CFOUR 7.97TL OPENH	EUR	9,9800	9,9900	9,9800				9,9900				
Certificate	DE000CV88590	CFOUR10.72TL OPENZ	EUR	1,6700	1,6700	1,6700				1,6700				
Certificate	NL0010128989	CFOUR10.94TL OPENB	EUR	7,2500	7,2500	7,2500				7,2500				
Certificate	NL0012313985	CFOUR11.03TL OPENH	EUR	7,1300	7,1400	7,1300				7,1400				
Certificate	DE000CV89P32	CFOUR11.72TL OPENZ	EUR	1,4200	1,4200	1,4200				1,4200				
Certificate	DE000CE6EKF8	CFOUR12.72TL OPENZ	EUR	1,1800	1,1800	1,1800				1,1800				
Certificate	NL0012794366	CFOUR12.95TL OPENB	EUR	5,3300	5,3800	5,3300				5,3800				
Certificate	NL0012932347	CFOUR13.42TL OPENH	EUR	4,9100	4,9600	4,9100				4,9600				
Certificate	NL0012985105	CFOUR13.95TL OPENB	EUR	4,4000	4,4500	4,4000				4,4500				
Certificate	DE000CV883Z8	CFOUR14.71TL OPENZ	EUR	0,6800	0,6800	0,6800				0,6800				
Certificate	NL0012897839	CFOUR14.76TL OPENH	EUR	3,6600	3,7100	3,6600				3,7100				
Certificate	NL0012996706	CFOUR14.94TL OPENB	EUR	3,4800	3,5300	3,4800				3,5300				
Certificate	NL0013013667	CFOUR15.94TL OPENB	EUR	2,5500	2,6000	2,5500				2,6000				
Certificate	NL0013127285	CFOUR16.25TL OPENH	EUR	2,2800	2,3300	2,2800				2,3300				
Certificate	DE000CV87ZP9	CFOUR17.73TS OPENZ	EUR	0,1100	0,1100	0,1100				0,1100				
Certificate	NL0012492383	CFOUR19.01TS OPENB	EUR	3,1800	3,1800	3,1100				3,1100				
Certificate	NL0012572614	CFOUR19.22TS OPENH	EUR	3,4400	3,4400	3,4200				3,4200				
Certificate	NL0012572606	CFOUR19.71TS OPENH	EUR	3,9700	3,9700	3,9500				3,9500				
Certificate	NL0012437115	CFOUR20.04TS OPENH	EUR	4,3300	4,3300	4,2900				4,2900				
Certificate	NL0013014202	CFOUR21.01TS OPENB	EUR	5,3500	5,3500	5,2800				5,2800				
Certificate	NL0012437107	CFOUR22.96TS OPENH	EUR	7,4800	7,4800	7,4600				7,4600				
Certificate	NL0011599733	CFOUR23.63TS OPENH	EUR	8,2000	8,2000	8,1900				8,1900				
Certificate	NL0012211379	CFOUR27.63TS OPENH	EUR	12,5400	12,5400	12,5200				12,5200				
Certificate	NL0011415583	CFOUR28.99TS OPENH	EUR	14,0000	14,0000	13,9600				13,9600				
Certificate	NL0012313977	CFOUR33.58TS OPENH	EUR	18,9700	18,9700	18,9500				18,9500				
Certificate	DE000CV89P24	CFOUR8.714TL OPENZ	EUR	2,1800	2,1800	2,1800				2,1800				
Certificate	DE000CJ3N575	CHCST 4.37TL OPENZ	EUR	2,7400	2,7400	2,7400				2,7400				



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	DE000CV89TH5	CHCST 5.07TL OPENZ	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CJ3PE71	CHCST 5.77TL OPENZ	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000CV89TJ1	CHCST 6.13TL OPENZ	EUR											
Certificate	NL00009068931	CHMOB 16.2TL OPENB	EUR	2,7450	2,7450	2,7450			2,7450					
Certificate	NL00006472730	CHMOB 21.9TL OPENB	EUR	2,2750	2,2750	2,2750			2,2750					
Certificate	NL00009070697	CHMOB 27.6TL OPENB	EUR	1,8050	1,8050	1,8050			1,8050					
Certificate	NL00009173004	CHMOB 33.9TL OPENB	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	DE000CV89TM5	CHMOB 51.5TL OPENZ	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CV89TN3	CHMOB62.09TL OPENZ	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000CV887X4	CHMOB72.62TL OPENZ	EUR											
Certificate	NL0010129714	CISCO 5.3TL OPENB	EUR	35,5200	35,5200	35,5200			35,5200					
Certificate	NL00009703644	CISCO 7.9TL OPENB	EUR	33,4600	33,4600	33,4600			33,4600					
Certificate	NL0010130662	CISCO 10.1TL OPENB	EUR	31,7000	31,7000	31,7000			31,7000					
Certificate	NL0010252789	CISCO 14.6TL OPENB	EUR	28,0600	28,0600	28,0600			28,0600					
Certificate	NL0011910609	CISCO 27.8TL OPENB	EUR	17,5200	17,5200	17,5200			17,5200					
Certificate	DE000CX0KZJ5	CISCO28.19TL OPENC	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	NL0010135158	CITI 31.56TL OPENB	EUR	33,6200	33,6200	33,6200			33,6200					
Certificate	NL0011915152	CITI 43.34TL OPENB	EUR	24,6300	24,6300	24,6300			24,6300					
Certificate	NL0012024707	CITI 48.04TL OPENB	EUR	21,0300	21,0300	21,0300			21,0300					
Certificate	DE000VA234S1	CL1 SHROPE NV	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	DE000VA545W2	CL1 SHROPE NV	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	DE000CJ3PS27	CLARI13.83TL OPENZ	EUR	1,6350	1,6350	1,6350			1,6350					
Certificate	DE000CJ3N4P3	CLARI16.33TL OPENZ	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	DE000CV8AV36	CLARI18.83TL OPENZ	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000CJ3PSA0	CLIFE10.95TL OPENZ	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CV8BAA1	CLIFE12.95TL OPENZ	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	DE000CV89TK9	CLIFE15.09TL OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	DE000CV89TL7	CLIFE17.15TL OPENZ	EUR											
Certificate	DE000CV89VX8	CLIFE19.22TL OPENZ	EUR											
Certificate	NL00009706407	CM10Y STN1120V	EUR											
Certificate	DE000CV42969	CNH= 5.861TL OPENZ	EUR	13,3650	13,5300	13,3650			13,5300					
Certificate	DE000CE6C915	CNH= 7.367TS OPENZ	EUR	6,1800	6,3200	6,0600	12640,0000	3	6,0600	2000				
Certificate	DE000CV8AVN2	CNH= 7.866TS OPENZ	EUR	12,5900	12,5900	12,4700			12,4700					
Certificate	DE000VL23R12	CO1 LEVOPENV	EUR											
Certificate	DE000VA234V5	CO1 SHROPE NV	EUR	2,1150	2,1150	2,1150			2,1150					
Certificate	DE000VL51Z25	CO1 SHROPE NV	EUR	0,0250	0,0250	0,0250			0,0250					
Certificate	NL0006469876	COCA 10TL OPENB	EUR	67,3900	67,3900	67,3900			67,3900					
Certificate	NL00009809797	COCA 25.8TL OPENB	EUR	41,3900	41,3900	41,3900			41,3900					
Certificate	NL0010111233	COCA 31.2TL OPENB	EUR	32,6200	32,6200	32,6200			32,6200					
Certificate	DE000CV89SL9	COCA 33.1TL OPENZ	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0010374534	COCA 34.3TL OPENB	EUR	13,7400	13,7400	13,7400			13,7400					
Certificate	NL0012281372	COCA 50.5TS OPENB	EUR	6,2500	6,2500	6,1750	250,0000	1	6,1750	40				
Certificate	NL0011414081	COCA 54.1TS OPENH	EUR	9,1900	9,5700	9,1900			9,5700					
Certificate	NL0012510390	COCA 55.7TS OPENB	EUR	11,0650	11,0650	11,0650			11,0650					
Certificate	DE000CR6XYR9	COCA 23.11TL OPENZ	EUR	20,1700	20,1700	20,0500			20,0500					
Certificate	DE000CD61R26	COCA 24.29TL OPENZ	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000CD613T4	COCA 27.91TL OPENZ	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0011414198	COCA 28.69TL OPENH	EUR	18,6600	18,6600	18,4100			18,4100					
Certificate	DE000CR6XT22	COCA 28.93TL OPENZ	EUR	15,0600	15,0600	14,9300			14,9300					
Certificate	NL0011414180	COCA 30.88TL OPENH	EUR	16,8800	16,8800	16,6200			16,6200					
Certificate	NL0011414172	COCA 33.07TL OPENH	EUR	15,0900	15,0900	14,8300			14,8300					
Certificate	DE000CR1Q070	COCA 35.22TL OPENZ	EUR	11,3100	11,3100	10,9600			10,9600					
Certificate	NL0011414164	COCA 35.26TL OPENH	EUR	13,3100	13,3100	13,0400			13,0400					
Certificate	NL0011414156	COCA 37.46TL OPENH	EUR	11,5300	11,5300	11,2500			11,2500					
Certificate	DE000CR4HYM8	COCA 37.83TL OPENZ	EUR	9,0000	9,0000	8,6400			8,6400					
Certificate	NL0011414149	COCA 39.65TL OPENH	EUR	9,7400	9,7400	9,4500			9,4500					
Certificate	NL0011414099	COCA 48.28TS OPENH	EUR	3,7000	4,0500	3,7000			4,0500					
Certificate	NL0011414073	COCA 59.91TS OPENH	EUR	14,6900	15,0800	14,6900			15,0800					
Certificate	DE000CE6CG15	COCOA 1550TL OPENZ	EUR	6,7200	6,7600	6,7200			6,7600					
Certificate	DE000CE6CG23	COCOA 1660TL OPENZ	EUR	5,8500	5,8850	5,8500			5,8850					
Certificate	DE000CE6BJ59	COCOA 1770TL OPENZ	EUR	4,8600	4,8950	4,8600			4,8950					
Certificate	DE000CE6BJR1	COCOA 1880TL OPENZ	EUR	3,8900	3,9200	3,8900			3,9200					
Certificate	DE000CJ3PCA4	COCOA 2080TL OPENZ	EUR	2,1900	2,2100	2,1900			2,2100					
Certificate	DE000CJ3NWL4	COCOA 2280TS OPENZ	EUR											
Certificate	DE000CV8AHY8	COCOA 2480TS OPENZ	EUR	2,6300	2,6300	2,6250			2,6250					
Certificate	DE000CV89D02	COCOA 2670TS OPENZ	EUR	4,3800	4,3800	4,3750			4,3750					
Certificate	DE000CV894M3	COCOA 2860TS OPENZ	EUR	6,1250	6,1300	6,1250			6,1300					
Certificate	DE000CV87XH1	COCOA 3060TS OPENZ	EUR	7,8700	7,8850	7,8700			7,8850					
Certificate	DE000CV884B7	COCOA 3250TS OPENZ	EUR	9,6100	9,6250	9,6100			9,6250					
Certificate	DE000CB1N1X2	COCOA 3440TS OPENZ	EUR	11,3750	11,3950	11,3750			11,3950					
Certificate	DE000VN611C9	COFFE LEVOPENV	EUR											
Certificate	DE000VN611B1	COFFE LEVOPENV	EUR	0,8400	0,8900	0,8400	865,0000	2	0,8900	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	DE000VA545Z5	COFFE LEVOPENV	EUR											
Certificate	DE000VA12HS4	COFFE LEVOPENV	EUR											
Certificate	DE000VN611D7	COFFE LEVOPENV	EUR											
Certificate	DE000VN611G0	COFFE SHROPENV	EUR											
Certificate	DE000VN611F2	COFFE SHROPENV	EUR											
Certificate	DE000VN611E5	COFFE SHROPENV	EUR											
Certificate	DE000CJ3NOH8	COFFE 0.99TL OPENZ	EUR	1,8500	2,0450	1,8500	2782,0800	1	2,0450	1449				
Certificate	DE000CJ3PA00	COFFE 1.09TL OPENZ	EUR	0,9800	1,1700	0,9800								
Certificate	DE000CJ3PS59	COFFE 1.21TS OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	DE000CV89GN0	COFFE 1.31TS OPENZ	EUR	1,4300	1,4300	1,2450								
Certificate	DE000CV8B1K4	COFFE0.811TL OPENZ	EUR	3,3950	3,5950	3,3950			3,5950					
Certificate	DE000CV88WU4	COFFE0.891TL OPENZ	EUR	2,7000	2,9900	2,6800	2529,2400	4	2,8950	893				
Certificate	DE000CV8B1L2	COFFE1.161TS OPENZ	EUR											
Certificate	DE000CV87J57	COFFE1.382TS OPENZ	EUR	2,0750	2,0750	1,8950			1,8950					
Certificate	DE000CV421V7	COFFE1.456TS OPENZ	EUR	2,7350	2,7350	2,5600			2,5600					
Certificate	DE000CE6EGH2	COFFE1.564TS OPENZ	EUR	3,7050	3,7050	3,5250			3,5250					
Certificate	DE000CE6DB76	COFFE1.678TS OPENZ	EUR	4,7200	4,7200	4,5450			4,5450					
Certificate	DE000CD62YV1	COFFE2.055TS OPENZ	EUR	8,0850	8,0850	7,9250			7,9250					
Certificate	NL0013002389	COFIN 77.1TL OPENB	EUR	3,6600	3,6600	3,6300			3,6300					
Certificate	DE000CRAJFL5	COFIN 85.4TL OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	NL0012999262	COFIN 87.1TL OPENB	EUR	2,7500	2,7500	2,7200			2,7200					
Certificate	NL0012999270	COFIN 97.2TL OPENB	EUR	1,8400	1,8400	1,8100			1,8100					
Certificate	DE000CJ3NXV5	COFIN101.8TL OPENZ	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	NL0012999296	COFIN116.7TS OPENB	EUR	2,3000	2,3200	2,3000			2,3200					
Certificate	DE000CV89H16	COFIN119.3TS OPENZ	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	NL0012999304	COFIN126.8TS OPENB	EUR	3,4100	3,4400	3,4100			3,4400					
Certificate	DE000CR9PUV3	COFIN67.64TL OPENZ	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000CR9PBQ9	COFIN73.95TL OPENZ	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	DE000CR9PBP1	COFIN81.24TL OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	DE000CN6K2W5	COFIN88.46TL OPENZ	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	DE000CE6BJC3	COFIN89.27TL OPENZ	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	DE000CD648M5	COFIN95.75TL OPENZ	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	DE000CV89W41	COLRT 63.7TS OPENZ	EUR	2,3800	2,3950	2,3800	4760,0000	1	2,3950	2000				
Certificate	DE000CV89EH7	COLRT26.78TL OPENZ	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	DE000CE6DPY0	COLRT31.86TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	DE000CRAJ456	COLRT34.37TL OPENZ	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	DE000CRAJ8T4	COLRT37.45TL OPENZ	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	DE000CR6XCR5	COLRT40.85TL OPENZ	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	DE000CV887Z9	COLRT42.81TL OPENZ	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	NL0013001084	COLRT43.17BL OPENB	EUR	0,9650	0,9650	0,9450			0,9450					
Certificate	NL0012992671	COLRT45.18BL OPENB	EUR	0,7650	0,7650	0,7450			0,7450					
Certificate	DE000CV89VF5	COLRT46.78TL OPENZ	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	NL0012992689	COLRT47.19BL OPENB	EUR	0,5650	0,5650	0,5450			0,5450					
Certificate	NL0013018773	COLRT49.19BL OPENB	EUR	0,3650	0,3650	0,3450			0,3450					
Certificate	NL0012992978	COLRT51.47BS OPENB	EUR											
Certificate	DE000CV875G3	COLRT53.72TS OPENZ	EUR	0,1100	0,1100	0,0900	9250,0000	9	0,1040	91000				
Certificate	NL0012992986	COLRT55.43BS OPENB	EUR	0,4150	0,4250	0,4150			0,4250					
Certificate	DE000CV88R15	COLRT58.72TS OPENZ	EUR	1,4200	1,4200	1,4050	142,0000	1	1,4050	100				
Certificate	NL0012580732	CONTI 228TS OPENH	EUR	9,3600	9,6200	9,3600			9,6200					
Certificate	NL0012555700	CONTI 291TS OPENH	EUR	16,1300	16,3900	16,1300			16,3900					
Certificate	DE000CJ3NTG0	CONTI100.9TL OPENZ	EUR	5,0600	5,0600	4,8400	101,2000	1	4,8400	20				
Certificate	DE000CV882M8	CONTI115.9TL OPENZ	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	NL0011895800	CONTI116.4TL OPENH	EUR	4,3100	4,3100	4,0600			4,0600					
Certificate	DE000CJ3PQU2	CONTI130.9TL OPENZ	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	NL0013128267	CONTI139.9TL OPENH	EUR	2,1100	2,1100	1,8700			1,8700					
Certificate	NL0013126402	CONTI140.3TS OPENH	EUR											
Certificate	NL0012905053	CONTI154.5TS OPENH	EUR	1,4500	1,7100	1,4500			1,7100					
Certificate	NL0012890768	CONTI164.2TS OPENH	EUR	2,4900	2,7500	2,4900			2,7500					
Certificate	NL0012894208	CONTI169.3TS OPENH	EUR	3,0400	3,3000	3,0400			3,3000					
Certificate	NL0012894190	CONTI174.2TS OPENH	EUR	3,5700	3,8300	3,5700			3,8300					
Certificate	NL0012938237	CONTI188.9TS OPENH	EUR	5,1500	5,4100	5,1500			5,4100					
Certificate	NL0012934608	CONTI193.7TS OPENH	EUR	5,6700	5,9300	5,6700			5,9300					
Certificate	NL0012930697	CONTI203.4TS OPENH	EUR	6,7100	6,9700	6,7100			6,9700					
Certificate	NL0012920060	CONTI211.4TS OPENH	EUR	7,5600	7,8300	7,5600			7,8300					
Certificate	NL0012917017	CONTI221.2TS OPENH	EUR	8,6200	8,8800	8,6200			8,8800					
Certificate	NL0012565139	CONTI232.8TS OPENH	EUR	9,8700	10,1300	9,8700			10,1300					
Certificate	NL0012613590	CONTI239.9TS OPENH	EUR	10,6400	10,9000	10,6400			10,9000					
Certificate	NL0012240527	CONTI248.3TS OPENH	EUR	11,5300	11,7900	11,5300			11,7900					
Certificate	NL0012310866	CONTI248.4TS OPENH	EUR	11,5500	11,8100	11,5500			11,8100					
Certificate	NL0012244925	CONTI249.4TS OPENH	EUR	11,6500	11,9100	11,6500			11,9100					
Certificate	NL0011054960	CONTI253.8TS OPENH	EUR	12,1300	12,3900	12,1300			12,3900					
Certificate	NL0012613582	CONTI264.6TS OPENH	EUR	13,2900	13,5500	13,2900			13,5500					



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	NL0012555718	CONTI271.4TS OPENH	EUR	14,0200	14,2800	14,0200			14,2800					
Certificate	NL0012555692	CONTI310.6TS OPENH	EUR	18,2400	18,5000	18,2400			18,5000					
Certificate	DE000CJ3FPF5	CONTI85.82TL OPENZ	EUR	6,3400	6,3400	6,3400								
Certificate	NL0006471856	COPPE 3780TL OPENB	EUR	24,7600	24,7600	24,7600								
Certificate	NL0006524969	COPPE 4326TL OPENB	EUR	20,4000	20,4000	20,4000								
Certificate	NL0009839745	COPPE 8950TS OPENB	EUR	32,2900	32,2900	32,2900								
Certificate	NL0009678903	COPPE 9748TS OPENB	EUR	40,0700	40,0700	40,0700								
Certificate	DE000CN6HPK9	COPPE1.956TL OPENZ	EUR	7,4750	7,7550	7,4750								
Certificate	DE000CR9RBV5	COPPE2.207TL OPENZ	EUR	5,3150	5,5950	5,3150	1108,0000	1	5,5950	200				
Certificate	DE000CD63VL6	COPPE2.495TL OPENZ	EUR	2,8350	3,1050	2,8350								
Certificate	DE000CV8A617	COPPE2.981TS OPENZ	EUR	2,4850	2,4850	2,2400								
Certificate	DE000CV89SP0	COPPE3.175TS OPENZ	EUR	4,2150	4,2150	3,9750								
Certificate	DE000CV88NT5	COPPE3.371TS OPENZ	EUR	5,9700	5,9700	5,7350								
Certificate	DE000CV88L03	COPPE3.566TS OPENZ	EUR	7,7050	7,7050	7,4750								
Certificate	DE000CV88L11	COPPE3.761TS OPENZ	EUR	9,4550	9,4550	9,2350								
Certificate	DE000CE6F3R9	COPPE3.952TS OPENZ	EUR	11,1650	11,1650	10,9450								
Certificate	DE000CV87ET6	COPPE4.152TS OPENZ	EUR	12,9450	12,9450	12,7300								
Certificate	NL0012923064	CORN 3.9TS OPENH	EUR	5,1600	5,1600	5,1600								
Certificate	NL0012922256	CORN 2.68TL OPENH	EUR	11,1000	11,1000	11,1000								
Certificate	NL0012922249	CORN 2.88TL OPENH	EUR	9,4700	9,4700	9,4700								
Certificate	NL0012922231	CORN 3.08TL OPENH	EUR	7,8500	7,8500	7,8500								
Certificate	NL0012922223	CORN 3.29TL OPENH	EUR	6,2300	6,2300	6,2300								
Certificate	NL0012889901	CORN 3.95TS OPENH	EUR	5,6400	5,6400	5,6400								
Certificate	NL0012922181	CORN 3.97TS OPENH	EUR	5,8300	5,8300	5,8300								
Certificate	NL0012922272	CORN 4.07TS OPENH	EUR	6,7900	6,7900	6,7900								
Certificate	NL0012922264	CORN 4.17TS OPENH	EUR	7,7500	7,7500	7,7500								
Certificate	NL0012542880	CORN 4.38TS OPENH	EUR	9,7900	9,7900	9,7900								
Certificate	NL0011233150	CORN 5.36TS OPENH	EUR	19,3000	19,3000	19,3000								
Certificate	NL0011233143	CORN 5.55TS OPENH	EUR	21,1000	21,1000	21,1000								
Certificate	DE000CN6KS12	COTON 0.61TL OPENZ	EUR	1,7950	1,7950	1,7450								
Certificate	DE000CN6LCB8	COTON 0.65TL OPENZ	EUR	1,4550	1,4550	1,4050								
Certificate	DE000CN6JHU1	COTON0.498TL OPENZ	EUR	2,7450	2,7450	2,6950								
Certificate	DE000CN6HGS2	COTON0.534TL OPENZ	EUR	2,4400	2,4400	2,3900								
Certificate	DE000CR6X767	COTON0.575TL OPENZ	EUR	2,0950	2,0950	2,0400								
Certificate	DE000CV427D2	COTON0.688TL OPENZ	EUR	1,0450	1,0450	0,9900								
Certificate	DE000CJ3NXP3	COTON0.806TS OPENZ	EUR	0,3550	0,4150	0,3550								
Certificate	DE000CJ3NLG7	COTON0.886TS OPENZ	EUR	1,0850	1,1500	1,0850								
Certificate	DE000CV87NH2	COTON0.959TS OPENZ	EUR	1,7450	1,8050	1,7450								
Certificate	DE000CV88NV1	COTON1.032TS OPENZ	EUR	2,4050	2,4650	2,4050								
Certificate	DE000CV89895	COTON1.105TS OPENZ	EUR	3,0600	3,1250	3,0600								
Certificate	DE000CV87SH1	CPRI 4.128TL OPENZ	EUR	2,6450	2,6450	2,6450								
Certificate	DE000CV505G7	CPRI 4.634TL OPENZ	EUR	2,1350	2,1350	2,1350								
Certificate	DE000CV4YV39	CPRI 5.338TL OPENZ	EUR	1,4350	1,4350	1,4350								
Certificate	DE000CJ3PA34	CPRI 6.036TL OPENZ	EUR	0,7450	0,7450	0,7450								
Certificate	NL0011795406	CRBN 18TL OPENB	EUR	11,0300	11,0300	9,3300								
Certificate	NL0010010807	CRBN 5.2TL OPENB	EUR	23,5900	23,5900	21,8900								
Certificate	NL0010893533	CRBN 8.4TL OPENB	EUR	20,6300	20,6300	18,8600								
Certificate	NL0011089388	CRBN 14.7TL OPENB	EUR	14,6500	14,6500	12,8700								
Certificate	NL0011260484	CRBN 15.8TL OPENB	EUR	13,0100	13,0100	11,3100								
Certificate	NL0011651567	CRBN 16.9TL OPENB	EUR	12,0500	12,0500	10,3500								
Certificate	NL0012033344	CRBN 20.1TL OPENB	EUR	9,1300	9,1300	7,1900	79,4200	1		11				
Certificate	NL0012034920	CRBN 21.1TL OPENB	EUR	8,2000	8,2000	6,5000								
Certificate	DE000CD646H9	CRBN 21.2TL OPENZ	EUR	5,4650	5,4650	5,4650								
Certificate	NL0012037923	CRBN 22.1TL OPENB	EUR	7,2700	7,2700	5,5700								
Certificate	NL0012118913	CRBN 23.2TL OPENB	EUR	6,2600	6,2600	4,5600								
Certificate	NL0012118673	CRBN 23.38L OPENB	EUR	4,3800	4,3800	2,6150	2796,5000	6		950				
Certificate	NL0012785786	CRBN 24.8TL OPENB	EUR	4,8300	4,8300	3,1300								
Certificate	NL0012988208	CRBN 28.6TS OPENB	EUR	4,6300	6,1900	4,6300								
Certificate	NL0012261176	CRBN 30.6TS OPENB	EUR	6,8500	8,4100	6,8500								
Certificate	NL0012273957	CRBN 31.98S OPENB	EUR	5,0400	6,6000	5,0400								
Certificate	DE000CV8A4P8	CRBN 38.2TS OPENZ	EUR	2,5400	2,5400	2,5400								
Certificate	DE000CR4JU01	CRBN 12.72TL OPENZ	EUR	13,0100	13,0100	13,0100								
Certificate	NL0011531991	CRBN 14.828L OPENB	EUR	12,8600	12,8600	11,1600								
Certificate	DE000CR6YGJ1	CRBN 15.48TL OPENZ	EUR	10,9150	10,9150	10,9150								
Certificate	DE000CJ3PAD2	CRBN 16.41TL OPENZ	EUR	1,8700	1,8700	1,8700								
Certificate	DE000CR9NMF4	CRBN 16.54TL OPENZ	EUR	9,9050	9,9050	9,9050								
Certificate	DE000CN6K602	CRBN 18.07TL OPENZ	EUR	8,4400	8,5100	8,4200	515,7000	3		61				
Certificate	DE000CN6KQ54	CRBN 19.43TL OPENZ	EUR	6,3200	6,3200	6,3200								
Certificate	DE000CD63PV7	CRBN 20.92TL OPENZ	EUR	4,8550	4,8550	4,8550								
Certificate	NL0012033971	CRBN 21.218L OPENB	EUR	6,4700	6,4700	4,6800	468,0000	1		100				
Certificate	NL0012727974	CRBN 22.288L OPENB	EUR	5,4000	5,4000	3,7000								
Certificate	DE000CD63ZH5	CRBN 22.43TL OPENZ	EUR	3,3650	3,3650	3,3650								



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV88269	CRBN 23.29TL OPENZ	EUR	0,7200	0,7200	0,6900	72,0000	1	0,6900	100				
Certificate	NL0012785414	CRBN 24.31BL OPENB	EUR	3,3700	3,3700	1,6500	830,0000	1	1,6700	500				
Certificate	DE000CV88KK0	CRBN 24.41TL OPENZ	EUR	0,3200	0,3200	0,2400	2445,0000	13	0,2900	9000				
Certificate	NL0012785422	CRBN 25.33BL OPENB	EUR	2,3600	2,3600	0,5000	7998,9700	7	0,5000	6759				
Certificate	NL0013014962	CRBN 27.99BS OPENB	EUR	1,1300	2,6900	1,1300			2,6900					
Certificate	DE000CE6CKY3	CRBN 29.73TS OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0012260822	CRBN 29.98BS OPENB	EUR	3,1200	4,6800	3,1200			4,6800					
Certificate	DE000CE6DQ46	CRBN 33.21TS OPENZ	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	NL0012999908	CRBN 33.89BS OPENB	EUR	7,0300	8,5900	7,0300			8,5900					
Certificate	NL0012030449	CREDI 11.8TL OPENB	EUR	1,9150	1,9150	1,8550			1,8550					
Certificate	DE000CD62TG2	CREDI11.15TL OPENZ	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	DE000CN6JMX5	CREDI8.633TL OPENZ	EUR	0,8000	0,8000	0,8000	120,0000	1	0,8000	150				
Certificate	DE000CD62700	CREDI9.659TL OPENZ	EUR											
Certificate	XS0508554069	CS FDAA 0%22DEC20	EUR											
Certificate	XS1009882322	CSEET PI OPENK	EUR											
Certificate	XS1009881860	CSJET PI OPENK	EUR											
Certificate	XS1009881787	CSSET PI OPENK	EUR											
Certificate	XS1009882082	CSTET PI OPENK	EUR											
Certificate	XS1009881514	CSVET PI OPENK	EUR											
Certificate	NL0011895784	CZBNK 5TL OPENH	EUR	4,0800	4,1700	4,0800			4,1700					
Certificate	DE000CY168T5	CZBNK 7TL OPENC	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000CY16CY3	CZBNK 7TL OPENC	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CY16FC2	CZBNK 8TL OPENC	EUR											
Certificate	DE000CY16U55	CZBNK 8TL OPENC	EUR											
Certificate	DE000CY50MW5	CZBNK 13TS OPENC	EUR											
Certificate	DE000CY50K96	CZBNK 13TS OPENC	EUR											
Certificate	NL0012909402	CZBNK 9.9TS OPENH	EUR	2,3900	2,3900	2,3200			2,3200					
Certificate	NL0012598437	CZBNK 11.4TS OPENH	EUR	4,0600	4,0600	3,9900			3,9900					
Certificate	NL0011933536	CZBNK 4.17TL OPENH	EUR	4,8400	4,9300	4,8400			4,9300					
Certificate	NL0011989322	CZBNK 5.82TL OPENH	EUR	3,3400	3,4200	3,3400			3,4200					
Certificate	NL0011995352	CZBNK 6.45TL OPENH	EUR	2,7700	2,8500	2,7700			2,8500					
Certificate	NL0012196414	CZBNK 6.86TL OPENH	EUR	2,4000	2,4800	2,4000			2,4800					
Certificate	DE000CV886M9	CZBNK 6.93TL OPENZ	EUR	1,7850	1,7850	1,7850			1,7850					
Certificate	NL0011996053	CZBNK 7.04TL OPENH	EUR											
Certificate	NL0012049811	CZBNK 7.07TL OPENH	EUR	2,2000	2,2900	2,2000			2,2900					
Certificate	NL0012197438	CZBNK 7.47TL OPENH	EUR	1,8400	1,9200	1,8400			1,9200					
Certificate	NL0012211411	CZBNK 7.86TL OPENH	EUR	1,4900	1,5700	1,4900			1,5700					
Certificate	DE000CJ3PUX8	CZBNK 7.94TL OPENZ	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	NL0013128259	CZBNK 8.26TL OPENH	EUR	1,1200	1,2100	1,1200			1,2100					
Certificate	NL0013127293	CZBNK 8.43TS OPENH	EUR											
Certificate	NL0013079304	CZBNK 9.01TS OPENH	EUR	1,4000	1,4000	1,3300			1,3300					
Certificate	NL0012906242	CZBNK 9.21TS OPENH	EUR	1,6200	1,6200	1,5500			1,5500					
Certificate	NL0012934590	CZBNK 9.73TS OPENH	EUR	2,2000	2,2000	2,1400			2,1400					
Certificate	NL0012792709	CZBNK10.03BS OPENB	EUR	1,4750	1,4750	1,3850			1,3850					
Certificate	NL0012862346	CZBNK10.39TS OPENH	EUR	2,9300	2,9300	2,8600			2,8600					
Certificate	NL0012777700	CZBNK11.02BS OPENB	EUR	2,4550	2,4550	2,3650			2,3650					
Certificate	NL0012602676	CZBNK11.37TS OPENH	EUR	4,0200	4,0200	3,9500			3,9500					
Certificate	NL0012593420	CZBNK12.38TS OPENH	EUR	5,1400	5,1400	5,0700			5,0700					
Certificate	NL0012593917	CZBNK13.36TS OPENH	EUR	6,2300	6,2300	6,1700			6,1700					
Certificate	NL0012580724	CZBNK13.38TS OPENH	EUR	6,2500	6,2500	6,1900			6,1900					
Certificate	NL0012555676	CZBNK13.86TS OPENH	EUR	6,7900	6,7900	6,7200			6,7200					
Certificate	NL0012555668	CZBNK14.84TS OPENH	EUR	7,8800	7,8800	7,8100			7,8100					
Certificate	NL0012541981	CZBNK15.81TS OPENH	EUR	8,9500	8,9500	8,8900			8,8900					
Certificate	NL0012529325	CZBNK15.81TS OPENH	EUR	8,9500	8,9500	8,8900			8,8900					
Certificate	DE000CN6J8E3	CZBNK4.809TL OPENZ	EUR	3,7700	3,8950	3,7700			3,8950					
Certificate	DE000CV898G6	CZBNK5.929TL OPENZ	EUR	2,7750	2,7750	2,7750			2,7750					
Certificate	NL0012105134	CZBNK6.028BL OPENB	EUR	2,6550	2,7350	2,6550			2,7350					
Certificate	NL0012975155	CZBNK6.607BL OPENB	EUR	2,0750	2,1650	2,0750			2,1650					
Certificate	NL0012973622	CZBNK7.111BL OPENB	EUR	1,5750	1,6550	1,5750			1,6550					
Certificate	DE000CV898H4	CZBNK7.437TL OPENZ	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	NL0012793806	CZBNK7.616BL OPENB	EUR	1,0650	1,1800	1,0650	5740,0000	2	1,1550	5000				
Certificate	DE000CE6BX07	CZBNK7.932TL OPENZ	EUR											
Certificate	NL0013146418	CZBNK8.116BL OPENB	EUR	0,5650	0,6550	0,5650			0,6550					
Certificate	NL0013006257	CZBNK9.036BS OPENB	EUR	0,4750	0,4750	0,3850			0,3850					
Certificate	DE000CX595S8	DAIML 60TL OPENC	EUR											
Certificate	DE000CY51DW2	DAIML 60TL OPENC	EUR											
Certificate	NL0012565154	DAIML 72TS OPENH	EUR	2,3100	2,4300	2,3100	3510,0000	2	2,4300	1500				
Certificate	DE000CY501Y6	DAIML 80TS OPENC	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000CY520D0	DAIML 80TS OPENC	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0011410345	DAIML 24.7TL OPENH	EUR	3,1500	3,1500	3,0200			3,0200					
Certificate	NL0011410337	DAIML 28.9TL OPENH	EUR	2,7600	2,7600	2,6200			2,6200					
Certificate	NL0011410329	DAIML 33.1TL OPENH	EUR	2,3600	2,3600	2,2300			2,2300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0010144838	DAIML 35.2TL OPENA	EUR											
Certificate	NL0011049622	DAIML 37.3TL OPENH	EUR	1,9700	1,9900	1,8400	1990,0000	1	1,8400	1000				
Certificate	DE000CN6HSL1	DAIML 45.7TL OPENZ	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	NL0011049614	DAIML 45.8TL OPENH	EUR	1,1800	1,1800	1,0500			1,0500					
Certificate	NL0011909692	DAIML 46.8BL OPENB	EUR	8,2700	8,2700	6,8900			6,8900					
Certificate	DE000CX0KMF1	DAIML 47.1TL OPENC	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0011896535	DAIML 47.9TL OPENH	EUR	0,9800	0,9800	0,8500	793,8000	1	0,8500	810				
Certificate	NL0013127335	DAIML 50.4TL OPENH	EUR	0,7500	0,7500	0,6200			0,6200					
Certificate	NL0013087323	DAIML 52.3TS OPENH	EUR											
Certificate	NL0013127327	DAIML 54.2TS OPENH	EUR											
Certificate	NL0013081656	DAIML 54.3TS OPENH	EUR											
Certificate	NL0012905087	DAIML 58.2TS OPENH	EUR	0,8200	0,9500	0,8200			0,9500					
Certificate	NL0012919666	DAIML 60.2TS OPENH	EUR	1,0300	1,1600	1,0300			1,1600					
Certificate	NL0012917025	DAIML 62.2TS OPENH	EUR	1,2500	1,3800	1,2500			1,3800					
Certificate	NL0012909469	DAIML 64.2TS OPENH	EUR	1,4600	1,5900	1,4600			1,5900					
Certificate	NL0012864573	DAIML 66.1TS OPENH	EUR	1,6700	1,8000	1,6700			1,8000					
Certificate	NL0012567986	DAIML 68.1TS OPENH	EUR	1,8800	2,0100	1,8800			2,0100					
Certificate	NL0011241112	DAIML 72.2TS OPENH	EUR	2,3200	2,4500	2,3200			2,4500					
Certificate	NL0011229984	DAIML 75.7TS OPENH	EUR	2,7000	2,8300	2,7000			2,8300					
Certificate	NL0011049531	DAIML 79.4TS OPENH	EUR	3,1000	3,2200	3,1000			3,2200					
Certificate	NL0012555759	DAIML 91.4TS OPENH	EUR	4,3900	4,5200	4,3900			4,5200					
Certificate	DE000CJ3NTH8	DAIML33.71TL OPENZ	EUR											
Certificate	DE000CN6JNE3	DAIML41.71TL OPENZ	EUR	1,1500	1,2800	1,1500	8564,0000	4	1,1600	7100				
Certificate	NL0013017569	DAIML45.44BL OPENB	EUR	9,6300	9,6300	8,2500	373,2000	1	8,2500	40				
Certificate	DE000CX0K496	DAIML47.57TL OPENC	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0013017577	DAIML48.21BL OPENB	EUR	6,8600	6,8600	5,4800			5,4800					
Certificate	DE000CD62270	DAIML48.66TL OPENZ	EUR	0,4500	0,5800	0,4500	7515,0000	3	0,5800	16000				
Certificate	NL0013018369	DAIML49.66BL OPENB	EUR	5,4100	5,4100	4,0300			4,0300					
Certificate	NL0013017700	DAIML52.46BS OPENB	EUR											
Certificate	NL0013008972	DAIML55.06BS OPENB	EUR	1,2000	2,5600	1,2000	249,6000	2	2,5600	160				
Certificate	NL0013002199	DAIML57.82BS OPENB	EUR	3,9600	5,3200	3,9600			5,3200					
Certificate	DE000CV8B086	DAIML59.28TS OPENZ	EUR											
Certificate	NL0012973770	DAIML60.71BS OPENB	EUR	6,8500	8,2100	6,8500			8,2100					
Certificate	NL0012792592	DAIML66.95BS OPENB	EUR	13,0900	14,4500	13,0900			14,4500					
Certificate	DE000CV87TV0	DAIML69.25TS OPENZ	EUR											
Certificate	DE000CE6F8M9	DAIML79.19TS OPENZ	EUR											
Certificate	NL0009337278	DANON 32TL OPENB	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	NL0012112312	DANON 57TL OPENB	EUR	1,0050	1,0050	0,9950			0,9950					
Certificate	NL0009703743	DANON 36.7TL OPENB	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	NL0010921987	DANON 49.1TL OPENB	EUR	1,7450	1,7450	1,7350	8700,0000	1	1,7350	5000				
Certificate	NL0011436738	DANON 51.7TL OPENB	EUR	1,4950	1,5350	1,4850	2295,0000	1	1,4850	1500				
Certificate	NL0011442702	DANON 54.4TL OPENB	EUR	1,2450	1,2450	1,2350			1,2350					
Certificate	NL0012118756	DANON 59.6TL OPENB	EUR	0,7650	0,7650	0,7550			0,7550					
Certificate	NL0013012941	DANON 65.3TS OPENB	EUR	0,7450	0,7550	0,7450			0,7550					
Certificate	NL0012264196	DANON 70.3TS OPENB	EUR	1,2850	1,2950	1,2850			1,2950					
Certificate	NL0011417829	DANON 73.4TS OPENH	EUR	1,6300	1,6500	1,6300			1,6500					
Certificate	NL0012274450	DANON 75.1TS OPENB	EUR	1,8150	1,8250	1,8150			1,8250					
Certificate	NL0012531057	DANON103.6TS OPENH	EUR	4,9000	4,9200	4,9000			4,9200					
Certificate	NL0012330211	DANON104.4TS OPENH	EUR	4,9800	5,0000	4,9800			5,0000					
Certificate	NL0012516108	DANON104.5TS OPENH	EUR	5,0000	5,0100	5,0000			5,0100					
Certificate	NL0012524540	DANON104.6TS OPENH	EUR	5,0000	5,0100	5,0000			5,0100					
Certificate	NL0012538672	DANON104.7TS OPENH	EUR	5,0100	5,0300	5,0100			5,0300					
Certificate	NL0011417910	DANON32.97TL OPENH	EUR	3,2400	3,2400	3,2300			3,2300					
Certificate	NL0012056329	DANON38.44TL OPENH	EUR	2,7400	2,7400	2,7200			2,7200					
Certificate	DE000CR9RQF6	DANON44.92TL OPENZ	EUR	3,7350	3,7350	3,6300			3,6300					
Certificate	NL0011417894	DANON45.57TL OPENH	EUR	2,0700	2,0700	2,0500			2,0500					
Certificate	NL0011417886	DANON49.77TL OPENH	EUR	1,6800	1,6800	1,6600			1,6600					
Certificate	DE000CR6YDG4	DANON50.88TL OPENZ	EUR	1,2700	1,2700	1,2200	12450,0000	2	1,2200	10000				
Certificate	NL0011417878	DANON53.96TL OPENH	EUR	1,2900	1,2900	1,2700			1,2700					
Certificate	DE000CN6FBK3	DANON56.82TL OPENZ	EUR	1,3550	1,3550	1,2500			1,2500					
Certificate	NL0012178859	DANON57.86TL OPENH	EUR	0,9300	0,9300	0,9100			0,9100					
Certificate	NL0013128283	DANON65.49TS OPENH	EUR	0,7800	0,7900	0,7800			0,7900					
Certificate	NL0012210090	DANON69.82TS OPENH	EUR	1,2400	1,2600	1,2400			1,2600					
Certificate	NL0011933551	DANON73.54TS OPENH	EUR	1,6500	1,6600	1,6500			1,6600					
Certificate	NL0011972724	DANON73.57TS OPENH	EUR	1,6500	1,6600	1,6500			1,6600					
Certificate	NL0011932561	DANON73.66TS OPENH	EUR	1,6600	1,6700	1,6600			1,6700					
Certificate	NL0012864581	DANON77.74TS OPENH	EUR	2,1000	2,1100	2,1000			2,1100					
Certificate	NL0011417811	DANON84.56TS OPENH	EUR	2,8400	2,8500	2,8400			2,8500					
Certificate	NL0012600381	DANSK 227.TS OPENH	EUR	15,8900	15,8900	15,5000			15,5000					
Certificate	NL0012590970	DANSK 253.TS OPENH	EUR	19,7700	19,7700	19,3800			19,3800					
Certificate	NL0012093736	DANSK 271.TS OPENH	EUR	22,4400	22,4400	22,0500			22,0500					
Certificate	NL0012907554	DANSK120.2TL OPENH	EUR	3,2800	3,7000	3,2800			3,7000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013127343	DANSK130.1TS OPENH	EUR											
Certificate	NL0013085368	DANSK139.9TS OPENH	EUR	2,9300	2,9300	2,5400			2,5400					
Certificate	NL0012907869	DANSK154.8TS OPENH	EUR	5,1400	5,1400	4,7500			4,7500					
Certificate	NL0012905103	DANSK174.7TS OPENH	EUR	8,1100	8,1100	7,7100			7,7100					
Certificate	NL0012898381	DANSK179.5TS OPENH	EUR	8,8200	8,8200	8,4300			8,4300					
Certificate	NL0012897870	DANSK189.4TS OPENH	EUR	10,3000	10,3000	9,9100			9,9100					
Certificate	NL0012894224	DANSK194.3TS OPENH	EUR	11,0300	11,0300	10,6400			10,6400					
Certificate	NL0012923650	DANSK203.1TS OPENH	EUR	12,3300	12,3300	11,9400			11,9400					
Certificate	NL0012917033	DANSK212.9TS OPENH	EUR	13,7900	13,7900	13,4000			13,4000					
Certificate	NL0012611032	DANSK222.2TS OPENH	EUR	15,1800	15,1800	14,7900			14,7900					
Certificate	NL0012598460	DANSK231.8TS OPENH	EUR	16,5900	16,5900	16,2200			16,2200					
Certificate	NL0012595748	DANSK236.7TS OPENH	EUR	17,3400	17,3400	16,9400			16,9400					
Certificate	NL0012199210	DANSK243.5TS OPENH	EUR	18,3600	18,3600	17,9700			17,9700					
Certificate	NL0012595136	DANSK247.3TS OPENH	EUR	18,9100	18,9100	18,5300			18,5300					
Certificate	NL0011993746	DANSK249.5TS OPENH	EUR											
Certificate	NL0011991625	DANSK250.9TS OPENH	EUR											
Certificate	NL0011989330	DANSK251.1TS OPENH	EUR											
Certificate	NL0012582167	DANSK252.6TS OPENH	EUR	19,6700	19,6700	19,3100			19,3100					
Certificate	NL0012437867	DANSK253.1TS OPENH	EUR	19,7600	19,7600	19,3900			19,3900					
Certificate	NL0012583512	DANSK262.5TS OPENH	EUR	21,1800	21,1800	20,7900			20,7900					
Certificate	NL0012057475	DANSK271.3TS OPENH	EUR	22,5000	22,5000	22,1100			22,1100					
Certificate	NL0012242101	DANSK273.1TS OPENH	EUR	22,7600	22,7600	22,3600			22,3600					
Certificate	NL0012595557	DANSK295.8TS OPENH	EUR	26,1100	26,1100	25,7400			25,7400					
Certificate	NL0012202840	DANSK299.6TS OPENH	EUR	26,7200	26,7200	26,3200			26,3200					
Certificate	NL0012240055	DANSK301.9TS OPENH	EUR	27,0400	27,0400	26,6500			26,6500					
Certificate	DE0005437412	DAX PI OPENN	EUR	116,3600	116,3600	116,3600			116,3600					
Certificate	NL0009067867	DAX 4730TL OPENB	EUR	69,2200	69,2200	69,2200			69,2200					
Certificate	NL0009069988	DAX 5170TL OPENB	EUR	64,9500	64,9500	64,9500			64,9500					
Certificate	NL0009071182	DAX 5470TL OPENB	EUR	62,0900	62,0900	62,0900			62,0900					
Certificate	NL0011596952	DAX 6319TRLOPENH	EUR											
Certificate	NL0009998269	DAX 6430TL OPENB	EUR	52,6900	52,6900	52,6900			52,6900					
Certificate	NL0010001608	DAX 6650TL OPENB	EUR	50,6100	50,6100	50,6100			50,6100					
Certificate	NL0010149712	DAX 6980TL OPENA	EUR											
Certificate	DE000CX00567	DAX 7000TL OPENC	EUR	40,8300	40,8300	40,8300			40,8300					
Certificate	NL0011043567	DAX 7190TL OPENH	EUR	44,4000	44,4000	44,4000			44,4000					
Certificate	DE000CX004L9	DAX 7200TL OPENC	EUR	37,9800	37,9800	37,9800			37,9800					
Certificate	NL0010129896	DAX 7310TL OPENB	EUR	44,1800	44,1800	44,1800			44,1800					
Certificate	NL0010131025	DAX 7540TL OPENB	EUR	41,9800	41,9800	41,9800			41,9800					
Certificate	DE000CX004N5	DAX 7600TL OPENC	EUR	33,6900	33,6900	33,6900			33,6900					
Certificate	NL0011043542	DAX 7610TL OPENH	EUR	40,2800	40,2800	40,2800			40,2800					
Certificate	DE000CN6JFQ3	DAX 7730TL OPENZ	EUR	39,0650	39,0650	39,0650			39,0650					
Certificate	NL0010134102	DAX 7750TL OPENB	EUR	39,8600	39,8600	39,8600			39,8600					
Certificate	DE000CX0JXK0	DAX 7800TL OPENC	EUR	31,4600	31,4600	31,4600			31,4600					
Certificate	DE000CJ3PNK0	DAX 7852TL OPENZ	EUR	36,7000	36,7000	36,7000			36,7000					
Certificate	NL0010251930	DAX 7860TL OPENB	EUR	38,8400	38,8400	38,8400			38,8400					
Certificate	NL0011719158	DAX 7950TL OPENH	EUR	36,8800	36,8800	36,8800			36,8800					
Certificate	DE000CN6HS74	DAX 7990TL OPENZ	EUR	36,4950	36,4950	36,4950			36,4950					
Certificate	DE000CX0JS28	DAX 8000TL OPENC	EUR	30,0800	30,0800	30,0800			30,0800					
Certificate	NL0011043526	DAX 8020TL OPENH	EUR	36,1800	36,1800	36,1800			36,1800					
Certificate	NL0010250833	DAX 8029BL OPENB	EUR	35,2000	35,2000	35,2000			35,2000					
Certificate	NL0010253233	DAX 8190TL OPENB	EUR	35,6500	35,6500	35,6500			35,6500					
Certificate	NL0011043518	DAX 8230TL OPENH	EUR	34,1200	34,1200	34,1200			34,1200					
Certificate	DE000CN6HS66	DAX 8250TL OPENZ	EUR	33,9350	33,9350	33,9350			33,9350					
Certificate	DE000CN6JCR8	DAX 8257TL OPENZ	EUR	32,6650	32,6650	32,6650			32,6650					
Certificate	NL0011719125	DAX 8260TL OPENH	EUR	33,8400	33,8400	33,8400			33,8400					
Certificate	NL0010379103	DAX 8300TL OPENB	EUR	34,5400	34,5400	34,5400			34,5400					
Certificate	DE000CX004R6	DAX 8300TL OPENC	EUR	26,2000	26,2000	26,2000			26,2000					
Certificate	DE000CX0JDK2	DAX 8400TL OPENC	EUR	24,9400	24,9400	24,9400			24,9400					
Certificate	DE000CX008M8	DAX 8500TL OPENC	EUR	24,0800	24,0800	24,0800			24,0800					
Certificate	DE000CN6HS58	DAX 8510TL OPENZ	EUR	31,3650	31,3650	31,3650			31,3650					
Certificate	NL0011719075	DAX 8580TL OPENH	EUR	30,7200	30,7200	30,7200			30,7200					
Certificate	DE000CJ3PH86	DAX 8600TL 1218Z	EUR	29,3000	29,3000	29,3000			29,3000					
Certificate	NL0010442737	DAX 8630TL OPENB	EUR	31,3800	31,3800	31,3800			31,3800					
Certificate	DE000CN6JCQ0	DAX 8672TL OPENZ	EUR	28,5250	28,5250	28,5250			28,5250					
Certificate	DE000CX008N6	DAX 8700TL OPENC	EUR	21,9400	21,9400	21,9400			21,9400					
Certificate	NL0011601612	DAX 8702TRLOPENH	EUR	28,2200	28,2200	28,2200			28,2200					
Certificate	DE000CN6HLW3	DAX 8770TL OPENZ	EUR	28,7950	28,7950	28,7950			28,7950					
Certificate	NL0010378899	DAX 8795BL OPENB	EUR	27,5400	27,5400	27,5400			27,5400					
Certificate	NL0010443032	DAX 8840TL OPENB	EUR	29,2900	29,2900	29,2900			29,2900					
Certificate	DE000CN6JCP2	DAX 8879TL OPENZ	EUR	26,4500	26,4500	26,4500			26,4500					
Certificate	NL0010515557	DAX 8970TL OPENB	EUR	28,0800	28,0800	28,0800			28,0800					
Certificate	NL0011719034	DAX 8990TL OPENH	EUR	26,6700	26,6700	26,6700			26,6700					



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	DE000CV8BDY5	DAX 9000TL 1218Z	EUR	25,3000	25,3000	25,3000			25,3000					
Certificate	DE000CN6ELV2	DAX 9030TL OPENZ	EUR	26,2250	26,2250	26,2250			26,2250					
Certificate	NL0010891628	DAX 9050TL OPENB	EUR	27,2950	27,2950	27,2950			27,2950					
Certificate	DE000CN6JCN7	DAX 9086TL OPENZ	EUR	24,3800	24,3800	24,3800			24,3800					
Certificate	DE000CX00BR5	DAX 9100TL OPENC	EUR	17,6700	17,6700	17,6700			17,6700					
Certificate	NL0013086853	DAX 9111TRLOPENH	EUR	24,1300	24,1300	24,1300			24,1300					
Certificate	NL0011719000	DAX 9140TL OPENH	EUR	25,1700	25,1700	25,1700			25,1700					
Certificate	NL0010442182	DAX 9142BL OPENB	EUR	24,0700	24,0700	24,0700			24,0700					
Certificate	DE000CR9SDN6	DAX 9191TL OPENZ	EUR	23,3400	23,3400	23,3400			23,3400					
Certificate	NL0013086846	DAX 9211TRLOPENH	EUR	23,1300	23,1300	23,1300			23,1300					
Certificate	NL0011649215	DAX 9250TL OPENB	EUR	25,3150	25,3150	25,3150			25,3150					
Certificate	NL0010442661	DAX 9257BL OPENB	EUR	22,9200	22,9200	22,9200			22,9200					
Certificate	NL0011718986	DAX 9280TL OPENH	EUR	23,7500	23,7500	23,7500			23,7500					
Certificate	DE000CN6ELU4	DAX 9290TL OPENZ	EUR	23,6350	23,6350	23,6350			23,6350					
Certificate	DE000CX0KHU0	DAX 9300TL OPENC	EUR	16,3900	16,3900	16,3900			16,3900					
Certificate	NL0013086838	DAX 9311TRLOPENH	EUR	22,1400	22,1400	22,1400			22,1400					
Certificate	NL0011649223	DAX 9360TL OPENB	EUR	24,2950	24,2950	24,2950			24,2950					
Certificate	DE000CV8AUC7	DAX 9400TL 1218Z	EUR	21,3000	21,3000	21,3000			21,3000					
Certificate	DE000CX0KW03	DAX 9400TL OPENC	EUR	16,4100	16,6500	15,3700	975,6000	3	15,3700	60				
Certificate	DE000CN6J81	DAX 9407TL OPENZ	EUR	21,1800	21,1800	21,1800			21,1800					
Certificate	NL0013086820	DAX 9411TRLOPENH	EUR	21,1200	21,1200	21,1200			21,1200					
Certificate	DE000CN6J73	DAX 9459TL OPENZ	EUR	20,6600	20,6600	20,6600			20,6600					
Certificate	DE000CX0KW11	DAX 9500TL OPENC	EUR	14,3100	14,3100	14,3100			14,3100					
Certificate	NL0011650320	DAX 9510TL OPENB	EUR	22,7850	22,7850	22,7850			22,7850					
Certificate	NL0013008105	DAX 9554BL OPENB	EUR	20,0150	20,0150	20,0150			20,0150					
Certificate	NL0013081474	DAX 9560TL OPENH	EUR	20,9800	20,9800	20,9800			20,9800					
Certificate	DE000CR4G295	DAX 9560TL OPENZ	EUR	21,0350	21,0350	21,0350			21,0350					
Certificate	DE000CN6J65	DAX 9564TL OPENZ	EUR	19,6200	19,6200	19,6200			19,6200					
Certificate	NL0013082290	DAX 9567TRLOPENH	EUR	19,5700	19,5700	19,5700			19,5700					
Certificate	DE000CX0KW29	DAX 9600TL OPENC	EUR	13,2500	13,2500	13,2500			13,2500					
Certificate	NL0011900220	DAX 9640TL OPENB	EUR	23,2100	23,2100	21,5350	928,4000	1	21,5350	40				
Certificate	NL0013086812	DAX 9662TRLOPENH	EUR	18,6200	18,6200	18,6200			18,6200					
Certificate	DE000CN6JCK3	DAX 9687TL OPENZ	EUR	18,4000	18,4000	18,4000			18,4000					
Certificate	DE000CX0KW37	DAX 9700TL OPENC	EUR	13,1200	13,1200	12,1900	656,0000	1	12,1900	50				
Certificate	DE000CN6JSC6	DAX 9736TL OPENZ	EUR	17,9100	17,9100	17,9100			17,9100					
Certificate	NL0011718473	DAX 9736TRLOPENH	EUR	17,8800	17,8800	17,8800			17,8800					
Certificate	NL0013008113	DAX 9755BL OPENB	EUR	18,0150	18,0150	18,0150			18,0150					
Certificate	NL0011891890	DAX 9790TL OPENH	EUR	18,8000	18,8000	18,8000			18,8000					
Certificate	NL0011718465	DAX 9790TRLOPENH	EUR	17,3400	17,3400	17,3400			17,3400					
Certificate	DE000CV8AAJ4	DAX 9800TL 1218Z	EUR	17,3000	17,3000	17,3000			17,3000					
Certificate	NL0011896410	DAX 9820TL OPENH	EUR	18,4800	18,4800	18,4800			18,4800					
Certificate	DE000CN6JVP2	DAX 9820TL OPENZ	EUR	18,4850	18,4850	18,4850			18,4850					
Certificate	NL0013086804	DAX 9862TRLOPENH	EUR	16,6200	16,6200	16,6200			16,6200					
Certificate	DE000CN6JSR4	DAX 9891TL OPENZ	EUR	16,3650	16,3650	16,3650			16,3650					
Certificate	DE000CX0KXU7	DAX 9900TL OPENC	EUR	10,1700	10,1700	10,1700			10,1700					
Certificate	NL0013086796	DAX 9912TRLOPENH	EUR	16,1200	16,1200	16,1200			16,1200					
Certificate	NL0013008121	DAX 9955BL OPENB	EUR	16,0050	16,0050	16,0050			16,0050					
Certificate	NL0013082282	DAX 9968TRLOPENH	EUR	15,5600	15,5600	15,5600			15,5600					
Certificate	DE000CN6JZ32	DAX 9993TL OPENZ	EUR	15,3500	15,3500	15,3500			15,3500					
Certificate	DE000CJ3NYI4	DAX 10000SWT0119Z	EUR	8,9300	8,9300	8,9300			8,9300					
Certificate	DE000CJ3PI92	DAX 10000SWT0219Z	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	DE000CJ3PKA7	DAX 10000SWT0219Z	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	DE000CP06MT1	DAX 10000TL 0319C	EUR	15,3600	15,3600	15,3600			15,3600					
Certificate	DE000VA8F4Z6	DAX 10000TL 0319V	EUR	15,3950	15,3950	15,3950			15,3950					
Certificate	NL0011907050	DAX 10000TL OPENB	EUR	18,0750	18,0750	18,0750			18,0750					
Certificate	DE000CX59C80	DAX 10000TL OPENC	EUR	10,6400	10,6400	10,6400			10,6400					
Certificate	DE000CQ5AA59	DAX 10000TL OPENC	EUR	14,4600	14,4600	14,4600			14,4600					
Certificate	DE000CX0KXV5	DAX 10000TL OPENC	EUR	9,1200	9,1200	9,1200			9,1200					
Certificate	NL0011926514	DAX 10020TL OPENH	EUR	17,4900	17,4900	16,4500	3498,0000	1	16,4500	200				
Certificate	DE000VA8F469	DAX 10020TL OPENV	EUR	16,9250	16,9250	16,9250			16,9250					
Certificate	DE000VA8F2C9	DAX 10047TL OPENV	EUR	14,7850	14,7850	14,7850			14,7850					
Certificate	NL0013083488	DAX 10066TRLOPENH	EUR	14,5900	14,5900	14,5900			14,5900					
Certificate	DE000VA8F154	DAX 10070TL OPENV	EUR	16,4250	16,4250	16,4250			16,4250					
Certificate	DE000CD623K2	DAX 10070TL OPENZ	EUR	15,9450	15,9450	15,9450			15,9450					
Certificate	DE000CN6JZ57	DAX 10096TL OPENZ	EUR	14,3250	14,3250	14,3250			14,3250					
Certificate	DE000VA8F1W9	DAX 10100TL 0319V	EUR	14,3950	14,3950	14,3950			14,3950					
Certificate	DE000CX59RV9	DAX 10100TL OPENC	EUR	9,9700	9,9700	9,9700			9,9700					
Certificate	NL0013126303	DAX 10110TL OPENH	EUR	15,6300	15,6300	15,6300			15,6300					
Certificate	DE000VA8FYJ5	DAX 10120TL OPENV	EUR	15,9250	15,9250	15,9250			15,9250					
Certificate	NL0012610976	DAX 10121TRLOPENH	EUR	14,0300	14,0300	14,0300			14,0300					
Certificate	DE000VA8FYM9	DAX 10143TL OPENV	EUR	13,8250	13,8250	13,8250			13,8250					
Certificate	NL0013125891	DAX 10146TRLOPENH	EUR	13,7800	13,7800	13,7800			13,7800					



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	DE000CD61SA9	DAX 10147TL OPENZ	EUR	15,0100	15,0100	13,8100	180,1200	1	13,8100		12			
Certificate	NL0013125107	DAX 10149TRLOPENH	EUR	13,7500	13,7500	13,7500			13,7500					
Certificate	NL0011927496	DAX 10180TL OPENH	EUR	14,9900	14,9900	14,9100	2998,0000	1	14,9100		200			
Certificate	DE000VA8FWN1	DAX 10180TL OPENV	EUR	15,3350	15,3350	15,3350			15,3350					
Certificate	NL0013086788	DAX 10192TRLOPENH	EUR	13,3300	13,3300	13,3300			13,3300					
Certificate	DE000VA8FWQ4	DAX 10194TL OPENV	EUR	13,3150	13,3150	13,3150			13,3150					
Certificate	DE000VA8FVTO	DAX 10200TL 0319V	EUR	13,3950	13,3950	13,3950			13,3950					
Certificate	DE000CV8AAK2	DAX 10200TL 1218Z	EUR	13,3000	13,3000	13,3000			13,3000					
Certificate	DE000CX59RW7	DAX 10200TL OPENC	EUR	8,9300	8,9300	8,9300			8,9300					
Certificate	DE000CX59FH3	DAX 10200TL OPENC	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	NL0013083470	DAX 10217TRLOPENH	EUR	13,0700	13,0700	13,0700			13,0700					
Certificate	DE000VA71V44	DAX 10240TL OPENV	EUR	12,8050	12,8050	12,8050			12,8050					
Certificate	DE000VA71V25	DAX 10240TL OPENV	EUR	15,5100	16,0050	14,7150	9421,5000	3	14,7150		600			
Certificate	NL0013125883	DAX 10246TRLOPENH	EUR	12,7900	12,7900	12,7900			12,7900					
Certificate	DE000CD62676	DAX 10248TL OPENZ	EUR	12,8000	12,8000	12,8000			12,8000					
Certificate	NL0013125099	DAX 10249TRLOPENH	EUR	12,7500	12,7500	12,7500			12,7500					
Certificate	NL0013087588	DAX 10251TRLOPENH	EUR	12,7300	12,7300	12,7300			12,7300					
Certificate	NL0011907084	DAX 10260TL OPENB	EUR	16,8200	16,8200	15,5550	4205,0000	1	15,5550		250			
Certificate	NL0011907910	DAX 10264BL OPENB	EUR	13,8000	14,0050	12,9250	23760,0000	2	12,9250		1700			
Certificate	NL0013083462	DAX 10267TRLOPENH	EUR	12,5700	12,5700	12,5700			12,5700					
Certificate	NL0013124357	DAX 10290TL OPENH	EUR	13,8500	13,8500	13,8500			13,8500					
Certificate	DE000VA71V69	DAX 10290TL OPENV	EUR	12,3050	12,3050	12,3050			12,3050					
Certificate	DE000VA71V10	DAX 10290TL OPENV	EUR	14,2250	14,2250	14,2250			14,2250					
Certificate	NL0013086770	DAX 10292TRLOPENH	EUR	12,3200	12,3200	12,3200			12,3200					
Certificate	DE000CD62756	DAX 10298TL OPENZ	EUR	12,3000	12,3000	12,3000			12,3000					
Certificate	DE000VA71VB6	DAX 10300TL 0319V	EUR	12,4050	12,4050	12,4050			12,4050					
Certificate	DE000CX59M54	DAX 10300TL OPENC	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	DE000CX59RX5	DAX 10300TL OPENC	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	NL0013083454	DAX 10317TRLOPENH	EUR	12,0900	12,0900	12,0900			12,0900					
Certificate	NL0011909197	DAX 10320TL OPENB	EUR	16,3000	16,3050	14,9650	4075,0000	1	14,9650		250			
Certificate	DE000CD623L0	DAX 10330TL OPENZ	EUR	13,4050	13,4050	13,4050			13,4050					
Certificate	DE000VA71V28	DAX 10340TL OPENV	EUR	13,7350	13,7350	13,7350			13,7350					
Certificate	DE000VA71V77	DAX 10340TL OPENV	EUR	11,8050	11,8050	11,8050			11,8050					
Certificate	NL0013125875	DAX 10346TRLOPENH	EUR	11,7800	11,7800	11,7800			11,7800					
Certificate	NL0013125081	DAX 10349TRLOPENH	EUR	11,7400	11,7400	11,7400			11,7400					
Certificate	NL0013124340	DAX 10350TL OPENH	EUR	13,2600	13,2600	13,2600			13,2600					
Certificate	DE000CD62684	DAX 10351TL OPENZ	EUR	11,7800	11,7800	11,7800			11,7800					
Certificate	NL0013087570	DAX 10351TRLOPENH	EUR	11,7400	11,7400	11,7400			11,7400					
Certificate	NL0013083447	DAX 10367TRLOPENH	EUR	12,0400	12,0400	11,4800	1966,7800	3	11,5700		166			
Certificate	NL0011907928	DAX 10370BL OPENB	EUR	12,1900	12,1900	11,8550	1340,9000	1	11,8550		110			
Certificate	NL0011909205	DAX 10370TL OPENB	EUR	14,4650	14,4650	14,4650			14,4650					
Certificate	DE000VA71V36	DAX 10390TL OPENV	EUR	13,2450	13,2450	13,2450			13,2450					
Certificate	NL0013086762	DAX 10392TRLOPENH	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	DE000VA71VC4	DAX 10400TL 0319V	EUR	11,4050	11,4050	11,4050			11,4050					
Certificate	DE000CJ3PH94	DAX 10400TL 1218Z	EUR	11,3100	11,3100	11,3100			11,3100					
Certificate	DE000CY0AK15	DAX 10400TL OPENC	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	DE000CP07CO0	DAX 10400TL OPENC	EUR	12,1300	12,1300	12,1300			12,1300					
Certificate	DE000CD628L9	DAX 10401TL OPENZ	EUR	11,2850	11,2850	11,2850			11,2850					
Certificate	NL0012903876	DAX 10420TL OPENH	EUR	12,5300	12,5300	12,5300			12,5300					
Certificate	NL0012904833	DAX 10428TRLOPENH	EUR	10,9700	10,9700	10,9700			10,9700					
Certificate	DE000VA71N85	DAX 10439TL OPENV	EUR	10,8150	10,8150	10,8150			10,8150					
Certificate	DE000VA71N22	DAX 10440TL OPENV	EUR	12,7450	12,7450	12,7450			12,7450					
Certificate	LU1840976994	DAX 10447TCIOPENS	EUR	10,8300	10,8300	10,8300			10,8300					
Certificate	DE000CD62692	DAX 10453TL OPENZ	EUR	10,7700	10,7700	10,7700			10,7700					
Certificate	NL0013126907	DAX 10465TRLOPENH	EUR	10,6000	10,6000	10,6000			10,6000					
Certificate	DE000VA71PA0	DAX 10489TL OPENV	EUR	10,3150	10,3150	10,3150			10,3150					
Certificate	DE000VA71N10	DAX 10490TL OPENV	EUR	12,2550	12,2550	12,2550			12,2550					
Certificate	NL0013086754	DAX 10492TRLOPENH	EUR	10,3200	10,3200	10,3200			10,3200					
Certificate	DE000CJ3PKB5	DAX 10500SWT0219Z	EUR	4,7900	4,7900	4,7900			4,7900					
Certificate	DE000CP06MU9	DAX 10500TL 0319C	EUR	10,3800	10,3800	10,3800			10,3800					
Certificate	DE000VA71M78	DAX 10500TL 0319V	EUR	10,4050	10,4050	10,4050			10,4050					
Certificate	DE000VA8F1P3	DAX 10500TL 1218V	EUR	10,3350	10,3350	10,3350			10,3350					
Certificate	DE000CX59W45	DAX 10500TL OPENC	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	DE000CX59UM2	DAX 10500TL OPENC	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	DE000CD627R8	DAX 10503TL OPENZ	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	NL0013081466	DAX 10510TL OPENH	EUR	12,6200	12,6200	11,6200	12185,0000	2	11,6200		1000			
Certificate	NL0013085848	DAX 10514TRLOPENH	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	NL0011911516	DAX 10520TL OPENB	EUR	14,1900	14,1900	12,9850	11787,4200	3	12,9850		838			
Certificate	NL0013018245	DAX 10531BL OPENB	EUR	11,2800	11,3150	10,1950	6774,0000	2	10,1950		600			
Certificate	NL0013082894	DAX 10538TRLOPENH	EUR	9,8700	9,8700	9,8700			9,8700					
Certificate	DE000VA71PD4	DAX 10539TL OPENV	EUR	9,8150	9,8150	9,8150			9,8150					
Certificate	DE000VA71N36	DAX 10540TL OPENV	EUR	11,7650	11,7650	11,7650			11,7650					



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	DE000CD626A6	DAX 1055TL OPENZ	EUR	9,7550	9,7550	9,7550			9,7550					
Certificate	NL0013081045	DAX 10561TRLOPENH	EUR	9,6400	9,6400	9,6400			9,6400					
Certificate	NL0013018252	DAX 10581BL OPENB	EUR	9,6950	9,6950	9,6950			9,6950					
Certificate	DE000VA71PG7	DAX 10589TL OPENV	EUR	9,3150	9,3150	9,3150			9,3150					
Certificate	NL0013081458	DAX 10590TL OPENH	EUR	10,8300	10,8300	10,8300			10,8300					
Certificate	DE000VA71N51	DAX 10590TL OPENV	EUR	11,2750	11,2750	11,2750			11,2750					
Certificate	DE000CD62A08	DAX 10590TL OPENZ	EUR	10,8750	10,8750	10,8750			10,8750					
Certificate	NL0013082274	DAX 10598TRLOPENH	EUR	10,4800	10,4800	9,2600	41920,0000	1	9,2600	4000				
Certificate	DE000VA71NA5	DAX 10600TL 0319V	EUR	9,4150	9,4150	9,4150			9,4150					
Certificate	DE000VA8FVL7	DAX 10600TL 1218V	EUR	9,3350	9,3350	9,3350			9,3350					
Certificate	DE000CV8AAL0	DAX 10600TL 1218Z	EUR	10,7500	10,7500	9,3100	2687,5000	1	9,3100	250				
Certificate	DE000CD626B4	DAX 10606TL OPENZ	EUR	9,2400	9,2400	9,2400			9,2400					
Certificate	NL0013129273	DAX 10625TRLOPENH	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	NL0013126295	DAX 10630TL OPENH	EUR	10,5200	10,5200	10,5200			10,5200					
Certificate	NL0011911623	DAX 10632BL OPENB	EUR	10,3400	10,8000	9,2000	28199,4000	7	9,2350	2768				
Certificate	LU1840977026	DAX 10641TCIOPENS	EUR	8,9200	8,9200	8,9200			8,9200					
Certificate	DE000VA7TFD0	DAX 10641TL OPENV	EUR	9,6300	9,8500	8,7750	2045,4000	2	8,7750	210				
Certificate	NL0013081037	DAX 10641TRLOPENH	EUR	8,8400	8,8400	8,8400			8,8400					
Certificate	DE000CD626C2	DAX 10658TL OPENZ	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	DE000VAGEAU9	DAX 10660TL OPENV	EUR	10,4250	10,4250	10,4250			10,4250					
Certificate	NL0013126899	DAX 10665TRLOPENH	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	NL0012029045	DAX 10670TL OPENB	EUR	11,5750	11,5750	11,5750			11,5750					
Certificate	NL0011993241	DAX 10690TL OPENH	EUR	9,8600	9,8600	9,8600			9,8600					
Certificate	NL0013018260	DAX 10693BL OPENB	EUR	8,5750	8,5750	8,5750			8,5750					
Certificate	NL0013083439	DAX 10697TRLOPENH	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	DE000VA7TD24	DAX 10700TL 0319V	EUR	8,4150	8,4150	8,4150			8,4150					
Certificate	DE000VA71U45	DAX 10700TL 1218V	EUR	8,3350	8,3350	8,3350			8,3350					
Certificate	DE000CD628K1	DAX 10708TL OPENZ	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	DE000VAGEAX3	DAX 10710TL OPENV	EUR	9,9350	9,9350	9,9350			9,9350					
Certificate	NL0013083421	DAX 10717TRLOPENH	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	NL0011931043	DAX 10736TRLOPENH	EUR	9,2000	9,2000	7,9000	851762,2000	11	7,9000	95520				
Certificate	DE000VA7TCF2	DAX 10738TL OPENV	EUR	7,7950	7,7950	7,7950			7,7950					
Certificate	NL0013018278	DAX 10743BL OPENB	EUR	8,0750	8,0750	8,0750			8,0750					
Certificate	NL0011993233	DAX 10750TL OPENH	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	DE000CD62AS7	DAX 10758TL OPENZ	EUR	7,7350	7,7350	7,7350			7,7350					
Certificate	DE000VAGEAZ8	DAX 10760TL OPENV	EUR	9,4450	9,4450	9,4450			9,4450					
Certificate	NL0013126881	DAX 10765TRLOPENH	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	NL0012030050	DAX 10770TL OPENB	EUR	11,6650	11,8800	10,5750	7443,0900	2	10,5750	627				
Certificate	LU1840977299	DAX 10779TCIOPENS	EUR	7,5700	7,5700	7,5700			7,5700					
Certificate	DE000VA7CK2	DAX 10788TL OPENV	EUR	7,2950	7,2950	7,2950			7,2950					
Certificate	NL0013018286	DAX 10793BL OPENB	EUR	8,4000	8,4000	7,5750	12600,0000	3	7,5750	1500				
Certificate	NL0013083413	DAX 10797TRLOPENH	EUR	8,3000	8,3000	7,3000	124,5000	1	7,3000	15				
Certificate	DE000VA7TB22	DAX 10800TL 0319V	EUR	7,4250	7,4250	7,4250			7,4250					
Certificate	DE000CV8BD22	DAX 10800TL 1218Z	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	DE000CD62CC7	DAX 10808TL OPENZ	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000VAGEA09	DAX 10810TL OPENV	EUR	8,9550	8,9550	8,9550			8,9550					
Certificate	NL0012095640	DAX 10820TL OPENH	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	NL0013129265	DAX 10825TRLOPENH	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	NL0012095632	DAX 10840TL OPENH	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	NL0013081029	DAX 10841TRLOPENH	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	NL0013018294	DAX 10843BL OPENB	EUR	7,0750	7,0750	7,0750			7,0750					
Certificate	DE000VA32WT7	DAX 10850TL 1218V	EUR	6,8450	6,8450	6,8450			6,8450					
Certificate	DE000CD62EB5	DAX 10850TL OPENZ	EUR	8,3450	8,3450	8,3450			8,3450					
Certificate	DE000CD62CD5	DAX 10859TL OPENZ	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	DE000VAGEA17	DAX 10860TL OPENV	EUR	8,4550	8,4550	8,4550			8,4550					
Certificate	NL0013079809	DAX 10862TRLOPENH	EUR	6,6400	6,6400	6,6400			6,6400					
Certificate	DE000VA7PVQ7	DAX 10884TL OPENV	EUR	7,3700	7,3700	6,3150	554,4000	2	6,3150	80				
Certificate	NL0013126667	DAX 10890TL OPENH	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	NL0012029409	DAX 10894BL OPENB	EUR	7,6400	8,1500	6,6150	29182,7500	17	6,6150	3850				
Certificate	LU1859844190	DAX 10897TCIOPENS	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	NL0013083405	DAX 10897TRLOPENH	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000VA7PVH6	DAX 10900TL 0319V	EUR	6,4550	6,4550	6,4550			6,4550					
Certificate	DE000VA32WU5	DAX 10900TL 1218V	EUR	6,3450	6,3450	6,3450			6,3450					
Certificate	DE000VAGEA25	DAX 10910TL OPENV	EUR	7,9650	7,9650	7,9650			7,9650					
Certificate	DE000CD62CE3	DAX 10910TL OPENZ	EUR	7,3500	7,4100	6,2200	5522,8000	3	6,2200	780				
Certificate	NL001289597	DAX 10923TRLOPENH	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	DE000VAGEA66	DAX 10925TL OPENV	EUR	5,7850	5,7850	5,7850			5,7850					
Certificate	NL0013079122	DAX 10940TL OPENH	EUR	8,4700	8,9900	7,4600	21185,8100	40	7,4600	2500				
Certificate	LU1732548901	DAX 10948TL OPENS	EUR											
Certificate	DE000VA32WV3	DAX 10950TL 1218V	EUR	5,8450	5,8450	5,8450			5,8450					
Certificate	NL0013086747	DAX 10952TRLOPENH	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	NL0013085830	DAX 10954TRLOPENH	EUR	5,7300	5,7300	5,7300			5,7300					



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	NL0013018302	DAX 10956BL OPENB	EUR	6,7700	6,9000	5,9550	3896,6000	2	5,9550	570				
Certificate	NL0013083397	DAX 10957TRLOPENH	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0013084528	DAX 10957TRLOPENH	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000CD62F52	DAX 10959TL OPENZ	EUR	6,5800	7,2200	5,7400	2152,9400	6	5,7400	318				
Certificate	DE000VAGEA33	DAX 10960TL OPENV	EUR	7,4750	7,4750	7,4750			7,4750					
Certificate	NL0012036925	DAX 10970TL OPENB	EUR	9,9000	9,9000	8,5850	2677,5000	3	8,5850	275				
Certificate	DE000VAGEA74	DAX 10975TL OPENV	EUR	5,2950	5,2950	5,2950			5,2950					
Certificate	NL0013082886	DAX 10988TRLOPENH	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	LU1859844273	DAX 10992TCIOPENS	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	DE000CJ3NYL0	DAX 11000SWT0119Z	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	DE000CJ3NYK2	DAX 11000SWT0119Z	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	DE000CP06MV7	DAX 11000TL 0319C	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	DE000VAG4082	DAX 11000TL 0319V	EUR	5,4450	5,4450	5,4450			5,4450					
Certificate	DE000VAG32WW1	DAX 11000TL 1218V	EUR	6,5000	6,5000	5,3550	1732,3000	3	5,3550	275				
Certificate	DE000CV8AAM8	DAX 11000TL 1218Z	EUR	6,4800	6,5900	5,3600	2029,5600	3	5,3600	322				
Certificate	NL0013008139	DAX 11007BL OPENB	EUR	6,5700	6,9650	5,4950	102153,9000	11	5,4950	15430				
Certificate	NL0011994868	DAX 11007TRLOPENH	EUR	6,4800	6,4800	5,1700	7500,7000	4	5,2000	1390				
Certificate	DE000CD63J21	DAX 11008TL OPENZ	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	NL0012091219	DAX 11010TL OPENH	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	DE000VAGEA41	DAX 11010TL OPENV	EUR	6,9850	6,9850	6,9850			6,9850					
Certificate	NL0013016793	DAX 11020TL OPENB	EUR	6,0250	6,0250	6,0250			6,0250					
Certificate	DE000VAGEA82	DAX 11025TL OPENV	EUR	4,8050	4,8050	4,8050			4,8050					
Certificate	NL0013082878	DAX 11038TRLOPENH	EUR	5,8500	5,8500	4,9000	41025,0000	5	4,9000	7725				
Certificate	DE000VAG32WX9	DAX 11050TL 1218V	EUR	5,8500	5,8500	4,8650	473,8500	1	4,8650	81				
Certificate	NL0012091201	DAX 11050TL OPENH	EUR	7,4500	7,4500	6,3500	2980,0000	1	6,3500	400				
Certificate	DE000CJ3N483	DAX 11050TL OPENZ	EUR	4,8000	4,8350	4,8000	17280,0000	3	4,8350	3600				
Certificate	NL0013018310	DAX 11056BL OPENB	EUR	5,7300	6,1000	4,9550	3085,0000	2	4,9550	530				
Certificate	NL0013081011	DAX 11056TRLOPENH	EUR											
Certificate	NL0013126873	DAX 11065TRLOPENH	EUR	4,9000	4,9000	4,6300	245,0000	1	4,6300	50				
Certificate	NL0013018617	DAX 11070TL OPENB	EUR	5,5550	5,5550	5,5550			5,5550					
Certificate	DE000VAG80HF7	DAX 11070TL OPENV	EUR											
Certificate	NL0013126865	DAX 11085TRLOPENH	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	NL0013126659	DAX 11090TL OPENH	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000VAG80HR2	DAX 11100TL 0319V	EUR											
Certificate	DE000CV52ZR3	DAX 11100TL OPENC	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000VAG80HX0	DAX 11100TL OPENV	EUR											
Certificate	DE000CJ3PQK3	DAX 11100TL OPENZ	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	DE000CJ3PP78	DAX 11100TL OPENZ	EUR	5,2900	5,4500	4,3000	12716,0000	9	4,3550	2700				
Certificate	NL0013146277	DAX 11105BL OPENB	EUR	4,4750	4,4750	4,4750			4,4750					
Certificate	LU1859904275	DAX 11105TCIOPENS	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	NL0013126857	DAX 11105TRLOPENH	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	NL0013018625	DAX 11120TL OPENB	EUR	6,1300	6,1350	5,0150	18672,0000	6	5,0550	3400				
Certificate	DE000VAG80HH3	DAX 11120TL OPENV	EUR											
Certificate	NL0013126840	DAX 11125TRLOPENH	EUR	4,9500	5,2500	4,0400	10200,0000	2	4,0400	2000				
Certificate	NL0013126832	DAX 11145TRLOPENH	EUR	4,9300	4,9300	3,8500	3936,0000	2	3,8500	800				
Certificate	NL0013126642	DAX 11150TL OPENH	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	DE000VAG80H09	DAX 11150TL OPENV	EUR											
Certificate	DE000CJ3PP86	DAX 11150TL OPENZ	EUR	4,7800	5,0200	3,6500	12571,5000	3	3,8550	2825				
Certificate	NL0013146285	DAX 11155BL OPENB	EUR	5,0700	5,5350	3,9000	54897,2000	14	3,9750	11678				
Certificate	LU1859828151	DAX 11156TCIOPENS	EUR											
Certificate	LU1840977372	DAX 11162TCIOPENS	EUR											
Certificate	NL0013145568	DAX 11170TL OPENB	EUR	4,5750	4,5750	4,5750			4,5750					
Certificate	DE000VAG80HJ9	DAX 11170TL OPENV	EUR											
Certificate	NL0013128788	DAX 11185TRLOPENH	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000VAG80HT8	DAX 11200TL 0319V	EUR											
Certificate	DE000VAG80HD2	DAX 11200TL 1218V	EUR											
Certificate	DE000CV0AQ84	DAX 11200TL OPENC	EUR											
Certificate	DE000VAG80H17	DAX 11200TL OPENV	EUR											
Certificate	DE000CJ3PP94	DAX 11200TL OPENZ	EUR	4,4000	4,9600	3,3650	6324,9300	6	3,3650	1389				
Certificate	NL0013128770	DAX 11205TRLOPENH	EUR	4,3400	4,7400	3,2800	8762,0000	4	3,2800	2000				
Certificate	NL0013126634	DAX 11210TL OPENH	EUR	6,3400	6,3400	4,8000	1130,0000	2	4,8000	200				
Certificate	LU1859904358	DAX 11215TCIOPENS	EUR											
Certificate	NL0013145576	DAX 11220TL OPENB	EUR	4,0750	4,0750	4,0750			4,0750					
Certificate	DE000VAG80HL5	DAX 11220TL OPENV	EUR											
Certificate	NL0013128051	DAX 11230TL OPENH	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	NL0013126287	DAX 11240TS OPENH	EUR											
Certificate	NL0013129257	DAX 11245TRLOPENH	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000VAG87EP8	DAX 11250TL OPENV	EUR	2,8550	2,8550	2,8550			2,8550					
Certificate	LU1859911056	DAX 11253TCIOPENS	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0013129240	DAX 11265TRLOPENH	EUR	3,8700	3,8700	2,4600	4132,8700	8	2,6900	1434				
Certificate	NL0013145584	DAX 11270TL OPENB	EUR	4,6300	4,6350	3,5750	4326,0000	2	3,5750	1000				
Certificate	DE000VAG87EL7	DAX 11270TL OPENV	EUR	4,6950	4,6950	4,6950			4,6950					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013129596	DAX 11280TL OPENH	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0013129232	DAX 11285TRLOPENH	EUR	2,7800	2,9000	2,4100	18480,0000	6	2,5000	7000				
Certificate	NL0013126279	DAX 11300TS OPENH	EUR											
Certificate	NL0013129224	DAX 11305TRLOPENH	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0013145592	DAX 11320TL OPENB	EUR	4,1800	4,6000	3,0850	89279,8100	23	3,0850	21404				
Certificate	NL0013129216	DAX 11325TRLOPENH	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	NL0013016892	DAX 11330TS OPENB	EUR											
Certificate	LU1859844943	DAX 11331TPIOPENS	EUR											
Certificate	NL0013129588	DAX 11340TL OPENH	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	NL0013125479	DAX 11340TS OPENH	EUR											
Certificate	DE000VA8F451	DAX 11360TS OPENV	EUR											
Certificate	DE000VA8F451	DAX 11369TS OPENV	EUR											
Certificate	NL0013017502	DAX 11379BS OPENB	EUR											
Certificate	DE000CJ3PNL8	DAX 11390TS OPENZ	EUR											
Certificate	NL0013129570	DAX 11400TL OPENH	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000VA8F428	DAX 11400TS 0319V	EUR											
Certificate	DE000VA8F4W3	DAX 11400TS 1218V	EUR											
Certificate	DE000CJ3PP37	DAX 11400TS 1218Z	EUR											
Certificate	NL0013087257	DAX 11400TS OPENH	EUR											
Certificate	NL0013125867	DAX 11403TRSOPENH	EUR											
Certificate	DE000VA8F139	DAX 11410TS OPENV	EUR											
Certificate	DE000VA8F4T9	DAX 11419TS OPENV	EUR											
Certificate	NL0013125859	DAX 11423TRSOPENH	EUR											
Certificate	NL0013015266	DAX 11430TS OPENB	EUR											
Certificate	NL0013019003	DAX 11430TS OPENB	EUR											
Certificate	DE000CJ3PNM6	DAX 11440TS OPENZ	EUR											
Certificate	NL0013125842	DAX 11443TRSOPENH	EUR											
Certificate	NL0013087240	DAX 11450TS OPENH	EUR											
Certificate	DE000VA8F147	DAX 11460TS OPENV	EUR											
Certificate	DE000VA8F1J6	DAX 11469TS OPENV	EUR											
Certificate	DE000CJ3PMR7	DAX 11470TS OPENZ	EUR											
Certificate	NL0013016249	DAX 11475BS OPENB	EUR											
Certificate	NL0013086739	DAX 11478TRSOPENH	EUR											
Certificate	NL0013127095	DAX 11480TS OPENH	EUR											
Certificate	LU1859829399	DAX 11481TPIOPENS	EUR											
Certificate	DE000CJ3PLU3	DAX 11485TS OPENZ	EUR											
Certificate	NL0013086721	DAX 11496TRSOPENH	EUR											
Certificate	DE000VA8F122	DAX 11500TS 0319V	EUR											
Certificate	DE000VA8F1U3	DAX 11500TS 1218V	EUR											
Certificate	NL0013127087	DAX 11500TS OPENH	EUR											
Certificate	DE000VA8FYG1	DAX 11510TS OPENV	EUR											
Certificate	NL0013086713	DAX 11516TRSOPENH	EUR											
Certificate	DE000VA8FYA4	DAX 11519TS OPENV	EUR											
Certificate	NL0013087232	DAX 11520TS OPENH	EUR											
Certificate	NL0013015274	DAX 11530TS OPENB	EUR											
Certificate	NL0013086705	DAX 11536TRSOPENH	EUR											
Certificate	NL0013086697	DAX 11546TRSOPENH	EUR											
Certificate	DE000VA8FV92	DAX 11560TS OPENV	EUR											
Certificate	DE000VA8FVB2	DAX 11569TS OPENV	EUR											
Certificate	NL0013087224	DAX 11570TS OPENH	EUR											
Certificate	NL0013014715	DAX 11572BS OPENB	EUR											
Certificate	LU1859829472	DAX 11575TPIOPENS	EUR											
Certificate	NL0013086689	DAX 11575TRSOPENH	EUR											
Certificate	DE000CJ3PG12	DAX 11585TS OPENZ	EUR											
Certificate	NL0013086671	DAX 11595TRSOPENH	EUR											
Certificate	DE000VA8FVX2	DAX 11600TS 0319V	EUR											
Certificate	DE000VA8FVN3	DAX 11600TS 1218V	EUR											
Certificate	DE000CJ3PIA9	DAX 11600TS 1218Z	EUR											
Certificate	DE000VA8FWC4	DAX 11610TS OPENV	EUR											
Certificate	NL0013086663	DAX 11615TRSOPENH	EUR											
Certificate	DE000VA8FU69	DAX 11619TS OPENV	EUR											
Certificate	NL0013015282	DAX 11630TS OPENB	EUR	1,3800	1,3800	1,1850	1843,5000	3	1,1850	1450				
Certificate	NL0013087216	DAX 11630TS OPENH	EUR											
Certificate	NL0013086655	DAX 11635TRSOPENH	EUR	0,4300	0,4300	0,3900	1680,0000	2	0,3900	4000				
Certificate	DE000CJ3PG20	DAX 11635TS OPENZ	EUR											
Certificate	NL0013086648	DAX 11645TRSOPENH	EUR											
Certificate	DE000VA8FWF7	DAX 11660TS OPENV	EUR											
Certificate	DE000VA8FVA0	DAX 11669TS OPENV	EUR											
Certificate	NL0013014723	DAX 11672BS OPENB	EUR	1,0600	1,0600	0,3500	3916,0000	7	0,3550	4910				
Certificate	LU1732547762	DAX 11672TL OPENS	EUR											
Certificate	LU1859829555	DAX 11672TPIOPENS	EUR											
Certificate	NL0013086630	DAX 11675TRSOPENH	EUR	0,7700	1,0000	0,3700	24604,0000	20	0,3700	31750				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3PG38	DAX 11685TS OPENZ	EUR	0,8000	0,9200	0,5500	6331,5000	9	0,5500	8750				
Certificate	NL0013087208	DAX 11690TS OPENH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0013086622	DAX 11695TRSOPENH	EUR	0,9100	2,0000	0,3600	149564,5000	45	1,9400	103600				
Certificate	DE000CP06578	DAX 11700TL OPENC	EUR											
Certificate	DE000VA8FV01	DAX 11700TS 0319V	EUR	2,1250	2,1250	2,1250			2,1250					
Certificate	DE000VA8FVQ6	DAX 11700TS 1218V	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	DE000CY52251	DAX 11700TS OPENC	EUR	0,6500	2,3000	0,6500	24746,0000	20	2,0600	14120				
Certificate	DE000VA8FWJ9	DAX 11710TS OPENV	EUR	4,2450	4,2450	4,2450			4,2450					
Certificate	NL0013086614	DAX 11715TRSOPENH	EUR	0,9400	2,1100	0,9400	2080,0000	2	2,1100	2000				
Certificate	DE000VA8FVD4	DAX 11719TS OPENV	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	DE000CJ3PJF8	DAX 11720TS OPENZ	EUR											
Certificate	NL0013014053	DAX 11730TS OPENB	EUR	2,3800	3,2450	1,5350	84808,0000	20	3,2450	41050				
Certificate	NL0013126626	DAX 11730TS OPENH	EUR	2,7700	4,0100	2,7500	57833,7500	4	4,0100	19801				
Certificate	NL0013086606	DAX 11735TRSOPENH	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CJ3PG46	DAX 11735TS OPENC	EUR	1,5000	2,5000	0,7500	28823,8300	57	2,3550	19958				
Certificate	DE000VA8FWM3	DAX 11760TS OPENV	EUR	4,7550	4,7550	4,7550			4,7550					
Certificate	DE000VA8FVF9	DAX 11769TS OPENV	EUR	2,6250	2,6250	2,6250			2,6250					
Certificate	NL0013013782	DAX 11770BS OPENB	EUR	1,8900	3,2350	1,2550	160090,6000	88	2,9450	72970				
Certificate	NL0013085244	DAX 11770TS OPENH	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	NL0013085509	DAX 11774TRSOPENH	EUR	1,7300	3,0000	1,1400	74096,6200	128	2,6900	43261				
Certificate	LU1859829639	DAX 11775TPIOPENS	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000CJ3PFD1	DAX 11784TS OPENZ	EUR	1,8000	2,8450	1,4600	48288,0000	24	2,8450	22600				
Certificate	DE000CP06M28	DAX 11800TL 0319C	EUR											
Certificate	DE000VA8FV43	DAX 11800TS 0319V	EUR	3,1350	3,1350	3,1350			3,1350					
Certificate	DE000VA8FVS2	DAX 11800TS 1218V	EUR	1,8100	3,1300	1,7750	1453,7500	3	3,0950	725				
Certificate	DE000CJ3PB7	DAX 11800TS 1218Z	EUR	1,8800	3,1350	1,7000	51634,6000	12	3,1350	26220				
Certificate	DE000CY522T9	DAX 11800TS OPENC	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	DE000VA8FSF5	DAX 11810TS OPENV	EUR	5,2550	5,2550	5,2550			5,2550					
Certificate	NL0013085491	DAX 11814TRSOPENH	EUR	2,0800	3,1000	1,7700	14854,0000	7	3,0900	5600				
Certificate	DE000VA8FVJ1	DAX 11819TS OPENV	EUR	2,2100	3,1350	2,2100	8846,5000	3	3,1150	3100				
Certificate	LU1841151662	DAX 11829TPIOPENS	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	NL0013014061	DAX 11830TS OPENB	EUR	3,2400	4,5300	2,7500	31459,2000	13	4,2550	9250				
Certificate	NL0013081425	DAX 11830TS OPENH	EUR	3,7000	4,9800	3,5500	148960,0000	11	4,9800	38000				
Certificate	NL0013080948	DAX 11831TRSOPENH	EUR	2,2600	3,2600	2,2600	226,0000	1	3,2600	100				
Certificate	NL0013085483	DAX 11834TRSOPENH	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	DE000CJ3PFE9	DAX 11834TS OPENZ	EUR	2,2100	3,3800	1,7400	78133,0000	41	3,3350	31700				
Certificate	DE000VA71NP3	DAX 11860TS OPENV	EUR	5,7050	5,7050	5,7050			5,7050					
Certificate	NL0013080930	DAX 11861TRSOPENH	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	NL0013008451	DAX 11867BS OPENB	EUR	3,0400	4,2100	2,2900	390912,1600	73	3,9150	134667				
Certificate	DE000VA8FSA6	DAX 11870TS OPENV	EUR	3,5950	3,5950	3,5950			3,5950					
Certificate	LU1732547846	DAX 11880TL OPENS	EUR											
Certificate	DE000CJ3PFF6	DAX 11884TS OPENZ	EUR	3,8250	3,8250	3,8250			3,8250					
Certificate	NL0013080922	DAX 11891TRSOPENH	EUR	3,8600	3,8600	3,8600			3,8600					
Certificate	DE000VA71NE7	DAX 11900TS 0319V	EUR	4,1450	4,1450	4,1450			4,1450					
Certificate	DE000VA71MX9	DAX 11900TS 1218V	EUR	4,0950	4,0950	4,0950			4,0950					
Certificate	DE000CP07C34	DAX 11900TS OPENC	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	DE000CP06VJ3	DAX 11900TS OPENC	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	NL0013081417	DAX 11900TS OPENH	EUR	4,6100	5,6900	4,2400	24232,2900	5	5,6900	5506				
Certificate	DE000VA71NR9	DAX 11910TS OPENV	EUR	6,2150	6,2150	6,2150			6,2150					
Certificate	NL0013080914	DAX 11921TRSOPENH	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	DE000VA71MC3	DAX 11923TS OPENV	EUR	4,0550	4,0550	4,0550			4,0550					
Certificate	NL0013083363	DAX 11927TRSOPENH	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	LU1840974601	DAX 11930TPIOPENS	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	NL0013009434	DAX 11930TS OPENB	EUR	4,4100	5,5300	3,8050	34935,4000	60	5,2850	7845				
Certificate	DE000CJ3N4D9	DAX 11931TS OPENZ	EUR	4,2950	4,2950	4,2950			4,2950					
Certificate	NL0013080906	DAX 11951TRSOPENH	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	NL0013081409	DAX 11960TS OPENH	EUR	6,3000	6,3000	6,3000			6,3000					
Certificate	DE000VA71NT5	DAX 11960TS OPENV	EUR	6,7250	6,7250	6,7250			6,7250					
Certificate	NL0013008469	DAX 11967BS OPENB	EUR	3,8000	5,0500	3,4900	5969,5000	8	4,9050	1380				
Certificate	DE000CJ3N5U0	DAX 11970TS OPENZ	EUR	4,5300	5,9400	4,4100	62239,0000	22	5,8700	12900				
Certificate	DE000VA71MF6	DAX 11973TS OPENV	EUR	3,3600	4,5450	3,3200	3605,9100	8	4,5450	926				
Certificate	NL0013080898	DAX 11981TRSOPENH	EUR	3,8000	4,7500	3,7600	5442,5000	2	4,7500	1250				
Certificate	DE000CJ3PCH9	DAX 11982TS OPENZ	EUR	4,7850	4,7850	4,7850			4,7850					
Certificate	DE000VA71NG2	DAX 12000TS 0319V	EUR	5,1650	5,1650	5,1650			5,1650					
Certificate	DE000VA71MO3	DAX 12000TS 1218V	EUR	5,1050	5,1050	5,1050			5,1050					
Certificate	DE000CJ3PD15	DAX 12000TS 1218Z	EUR	5,1000	5,1000	5,1000			5,1000					
Certificate	DE000CP06VK1	DAX 12000TS OPENC	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	DE000CP07C42	DAX 12000TS OPENC	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	DE000VA71NU3	DAX 12010TS OPENV	EUR	7,2350	7,2350	7,2350			7,2350					
Certificate	NL0013080880	DAX 12011TRSOPENH	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	LU1840974783	DAX 12023TPIOPENS	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	DE000VA71MJ8	DAX 12023TS OPENV	EUR	5,0350	5,0350	5,0350			5,0350					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013007800	DAX 12030TS OPENB	EUR	5,4200	6,2850	5,1400	2865,0000	3	6,2850	500				
Certificate	NL0013079981	DAX 12030TS OPENH	EUR	6,1000	6,9900	6,1000	1293,0000	2	6,9900	200				
Certificate	DE000CJ3N4E7	DAX 12031TS OPENZ	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0013125073	DAX 12036TRSOPENH	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0013125834	DAX 12038TRSOPENH	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0013080872	DAX 12041TRSOPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	DE000VA71NW9	DAX 12060TS OPENV	EUR	7,7450	7,7450	7,7450			7,7450					
Certificate	NL0013008477	DAX 12066BS OPENB	EUR	4,7800	5,9050	4,7800	2655,0000	2	5,9050	500				
Certificate	NL0013080864	DAX 12071TRSOPENH	EUR	5,6300	5,6300	5,6300			5,6300					
Certificate	DE000VA71MP5	DAX 12073TS OPENV	EUR	5,5250	5,5250	5,5250			5,5250					
Certificate	DE000VA1GJD2	DAX 12080TL OPENV	EUR											
Certificate	NL0013079973	DAX 12080TS OPENH	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	DE000CJ3N732	DAX 12084TS OPENZ	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000CQ5AQ80	DAX 12100TL OPENC	EUR											
Certificate	NL0013080856	DAX 12100TRSOPENH	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	DE000VA71NK4	DAX 12100TS 0319V	EUR	6,1750	6,1750	6,1750			6,1750					
Certificate	DE000VA71M45	DAX 12100TS 1218V	EUR	6,1150	6,1150	6,1150			6,1150					
Certificate	DE000CP06VL9	DAX 12100TS OPENC	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	DE000CP07CS9	DAX 12100TS OPENC	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	DE000VA71NY5	DAX 12110TS OPENV	EUR	8,2550	8,2550	8,2550			8,2550					
Certificate	LU1840959982	DAX 12118TPIOPENS	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0013079965	DAX 12120TS OPENH	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000VA71MR1	DAX 12123TS OPENV	EUR	6,0250	6,0250	6,0250			6,0250					
Certificate	NL0013084494	DAX 12127TRSOPENH	EUR	6,2000	6,2000	6,2000			6,2000					
Certificate	NL0013080849	DAX 12130TRSOPENH	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	NL0013007123	DAX 12130TS OPENB	EUR	6,2000	7,2850	6,2000	23275,0000	2	7,2850	3500				
Certificate	DE000CJ3N3U5	DAX 12130TS OPENZ	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	NL0013085822	DAX 12135TRSOPENH	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	NL0013079775	DAX 12159TRSOPENH	EUR	6,5200	6,5200	6,5200			6,5200					
Certificate	DE000VA3TJM2	DAX 12160TL OPENV	EUR											
Certificate	NL0013079957	DAX 12160TS OPENH	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	DE000VA7TD32	DAX 12160TS OPENV	EUR	8,7250	8,7250	8,7250			8,7250					
Certificate	NL0013006851	DAX 12165BS OPENB	EUR	5,8000	7,0900	5,8000	14265,6000	5	6,8950	2220				
Certificate	DE000VA7TE56	DAX 12174TS OPENV	EUR	6,5050	6,5050	6,5050			6,5050					
Certificate	NL0013079767	DAX 12179TRSOPENH	EUR	5,6000	6,7400	5,6000	3748,0000	3	6,7200	600				
Certificate	DE000CJ3N153	DAX 12180TS OPENZ	EUR	5,9000	6,7300	5,4700	92285,5000	25	6,7300	16300				
Certificate	NL0013079114	DAX 12190TS OPENH	EUR	8,7100	8,7100	8,7100			8,7100					
Certificate	NL0013079759	DAX 12199TRSOPENH	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	DE000CQ5AX25	DAX 12200TL OPENC	EUR											
Certificate	DE000VA7TE98	DAX 12200TS 0319V	EUR	7,1850	7,1850	7,1850			7,1850					
Certificate	DE000VA7TE72	DAX 12200TS 1218V	EUR	7,1150	7,1150	7,1150			7,1150					
Certificate	DE000CJ3N3T7	DAX 12200TS 1218Z	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	DE000CP06VM7	DAX 12200TS OPENC	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	DE000CP07C67	DAX 12200TS OPENC	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	DE000VA7TB67	DAX 12210TS OPENV	EUR	9,2250	9,2250	9,2250			9,2250					
Certificate	NL0013079742	DAX 12219TRSOPENH	EUR	7,1200	7,1200	7,1200			7,1200					
Certificate	NL0013079106	DAX 12220TS OPENH	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	DE000CJ3N3C3	DAX 12220TS OPENZ	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	DE000VA7TDY1	DAX 12224TS OPENV	EUR	6,9950	6,9950	6,9950			6,9950					
Certificate	DE000CJ3NOU1	DAX 12229TS OPENZ	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	NL0013006448	DAX 12230TS OPENB	EUR	8,2950	8,2950	8,2950			8,2950					
Certificate	LU1840910548	DAX 12232TPIOPENS	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	NL0013079734	DAX 12239TRSOPENH	EUR	7,3200	7,3200	7,3200			7,3200					
Certificate	NL0013079726	DAX 12259TRSOPENH	EUR	6,4400	7,5200	6,1000	5146,0000	6	7,5200	800				
Certificate	DE000VA7TB83	DAX 12260TS OPENV	EUR	9,7350	9,7350	9,7350			9,7350					
Certificate	NL0013006125	DAX 12264BS OPENB	EUR	7,8750	7,8750	7,8750			7,8750					
Certificate	NL0013079098	DAX 12270TS OPENH	EUR	9,5200	9,5200	9,5200			9,5200					
Certificate	DE000VA7TD08	DAX 12274TS OPENV	EUR	7,4950	7,4950	7,4950			7,4950					
Certificate	NL0013078462	DAX 12276TRSOPENH	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	DE000CJ3NOV9	DAX 12279TS OPENZ	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	DE000CQ5AY02	DAX 12300TL OPENC	EUR											
Certificate	DE000CQ5AXK7	DAX 12300TL OPENC	EUR											
Certificate	DE000VA7TB18	DAX 12300TS 0319V	EUR	8,1950	8,1950	8,1950			8,1950					
Certificate	DE000VA7TBX7	DAX 12300TS 1218V	EUR	8,1250	8,1250	8,1250			8,1250					
Certificate	NL0013127780	DAX 12301TRSOPENH	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	DE000VA7TCA3	DAX 12310TS OPENV	EUR	10,2450	10,2450	10,2450			10,2450					
Certificate	DE000VA7TBS7	DAX 12324TS OPENV	EUR	7,9850	7,9850	7,9850			7,9850					
Certificate	DE000CV8A2Z1	DAX 12327TL OPENZ	EUR											
Certificate	DE000CJ3NOW7	DAX 12329TS OPENZ	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	NL0013005390	DAX 12330TS OPENB	EUR	9,2950	9,2950	9,2950			9,2950					
Certificate	DE000VA7TCD7	DAX 12360TS OPENV	EUR	10,7550	10,7550	10,7550			10,7550					
Certificate	NL0013005051	DAX 12362BS OPENB	EUR	9,0200	9,0250	8,8650	2255,0000	1	8,8650	250				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013079536	DAX 12367TRSOPENH	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	DE000VA7TB03	DAX 12374TS OPENV	EUR	8,4850	8,4850	8,4850			8,4850					
Certificate	NL0013079528	DAX 12377TRSOPENH	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	DE000CJ3N0X5	DAX 12379TS OPENZ	EUR	8,7000	8,7000	8,7000			8,7000					
Certificate	NL0013078454	DAX 12386TRSOPENH	EUR	8,7700	8,7700	8,7700			8,7700					
Certificate	DE000CV8A302	DAX 12389TL OPENZ	EUR											
Certificate	NL0012906895	DAX 12390TS OPENH	EUR	10,6900	10,6900	10,6900			10,6900					
Certificate	DE000CQ5AY10	DAX 12400TL OPENC	EUR											
Certificate	DE000CQ5AXL5	DAX 12400TL OPENC	EUR											
Certificate	DE000VA7TB34	DAX 12400TS 0319V	EUR	9,2050	9,2050	9,2050			9,2050					
Certificate	DE000VA7TB55	DAX 12400TS 1218V	EUR	9,1250	9,1250	9,1250			9,1250					
Certificate	DE000CJ3N120	DAX 12400TS 1218Z	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	DE000CP067N2	DAX 12400TS OPENC	EUR											
Certificate	DE000CP06891	DAX 12400TS OPENC	EUR											
Certificate	NL0012894471	DAX 12410TS OPENH	EUR	10,9400	10,9400	10,9400			10,9400					
Certificate	DE000VA7PVP9	DAX 12410TS OPENV	EUR	11,2250	11,2250	11,2250			11,2250					
Certificate	NL0012895478	DAX 12415TRSOPENH	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	NL0012900567	DAX 12420TS OPENH	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	DE000VA7TBV1	DAX 12424TS OPENV	EUR	8,9850	8,9850	8,9850			8,9850					
Certificate	DE000CV8A310	DAX 12427TL OPENZ	EUR											
Certificate	DE000CJ3N2X2	DAX 12428TS OPENZ	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	NL0013004120	DAX 12430TS OPENB	EUR	8,5700	10,2550	8,5650	745,5900	1	10,2550	87				
Certificate	DE000CV8ADE9	DAX 12439TL OPENZ	EUR											
Certificate	NL0013127772	DAX 12441TRSOPENH	EUR	9,3200	9,3200	9,3200			9,3200					
Certificate	NL0012894430	DAX 12450TS OPENH	EUR	11,3400	11,3400	11,3400			11,3400					
Certificate	NL0012906341	DAX 12451TRSOPENH	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	NL0012994701	DAX 12459BS OPENB	EUR	8,4300	9,8250	8,4300	24250,0000	4	9,8250	2625				
Certificate	NL0012894422	DAX 12460TS OPENH	EUR	11,4400	11,4400	11,4400			11,4400					
Certificate	DE000CV8B896	DAX 12467TS OPENZ	EUR	9,5700	9,5700	9,5700			9,5700					
Certificate	NL0012894414	DAX 12470TS OPENH	EUR	11,5300	11,5300	11,5300			11,5300					
Certificate	DE000CV8B870	DAX 12470TS OPENZ	EUR	11,1700	11,1700	11,1700			11,1700					
Certificate	NL0012895437	DAX 12485TRSOPENH	EUR	9,7700	9,7700	9,7700			9,7700					
Certificate	DE000VAD6492	DAX 12490TS OPENV	EUR	11,8050	11,8050	11,8050			11,8050					
Certificate	DE000CQ5AY28	DAX 12500TL OPENC	EUR											
Certificate	DE000CQ5AXM3	DAX 12500TL OPENC	EUR											
Certificate	DE000CP06P21	DAX 12500TS 0319C	EUR	9,7200	10,3100	9,7200	6009,0000	2	10,2300	600				
Certificate	DE000VA7PVL8	DAX 12500TS 0319V	EUR	10,2150	10,2150	10,2150			10,2150					
Certificate	DE000VAD6527	DAX 12500TS 1218V	EUR	8,6800	10,1250	8,6800	1841,7000	2	10,1250	210				
Certificate	DE000CP068A7	DAX 12500TS OPENC	EUR	10,5000	10,5000	10,5000			10,5000					
Certificate	DE000CP067P7	DAX 12500TS OPENC	EUR	9,4000	9,4000	9,4000			9,4000					
Certificate	DE000VAD6443	DAX 12500TS OPENV	EUR	9,4750	9,4750	9,4750			9,4750					
Certificate	NL0012906333	DAX 12510TRSOPENH	EUR	10,0100	10,0100	10,0100			10,0100					
Certificate	NL0012993398	DAX 12520TS OPENB	EUR	11,8350	11,8350	11,8350			11,8350					
Certificate	DE000CJ3N2P8	DAX 12526TS OPENZ	EUR	10,1600	10,1600	10,1600			10,1600					
Certificate	NL0012893770	DAX 12530TS OPENH	EUR	12,1400	12,1400	12,1400			12,1400					
Certificate	NL0012937585	DAX 12535TRSOPENH	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	DE000VAD63L2	DAX 12540TS OPENV	EUR	12,2950	12,2950	12,2950			12,2950					
Certificate	NL0012905392	DAX 12549TRSOPENH	EUR	10,4100	10,4100	10,4100			10,4100					
Certificate	DE000VAD6450	DAX 12550TS OPENV	EUR	9,9750	9,9750	9,9750			9,9750					
Certificate	NL0012988844	DAX 12557BS OPENB	EUR	10,8050	10,8050	10,8050			10,8050					
Certificate	DE000CV8AVG6	DAX 12558TS OPENZ	EUR	9,4200	10,4800	9,4200	471,0000	1	10,4800	50				
Certificate	NL0012905384	DAX 12559TRSOPENH	EUR	10,5000	10,5000	10,5000			10,5000					
Certificate	LU1817097154	DAX 12560TPIOPENS	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	NL0012937890	DAX 12560TS OPENH	EUR	12,3700	12,3700	12,3700			12,3700					
Certificate	NL0012937544	DAX 12575TRSOPENH	EUR	10,6700	10,6700	10,6700			10,6700					
Certificate	NL0012905376	DAX 12589TRSOPENH	EUR	10,8000	10,8000	10,8000			10,8000					
Certificate	DE000VASRR9	DAX 12590TS OPENV	EUR	12,7950	12,7950	12,7950			12,7950					
Certificate	NL0012905368	DAX 12599TRSOPENH	EUR	10,9100	10,9100	10,9100			10,9100					
Certificate	DE000CP06Q05	DAX 12600TS 0319C	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	DE000VA7PPV9	DAX 12600TS 0319V	EUR	11,2250	11,2250	11,2250			11,2250					
Certificate	DE000VASCRC29	DAX 12600TS 1218V	EUR	9,9800	11,1350	9,9800	9,9800	1	11,1350	1				
Certificate	DE000CV8AXD9	DAX 12600TS 1218Z	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	DE000CQ58WB6	DAX 12600TS OPENC	EUR	11,2500	11,2500	11,2500			11,2500					
Certificate	DE000CP064N9	DAX 12600TS OPENC	EUR	10,3600	10,3600	10,3600			10,3600					
Certificate	NL0012988638	DAX 12610TS OPENB	EUR	12,7850	12,7850	12,7850			12,7850					
Certificate	NL0012893143	DAX 12610TS OPENH	EUR	12,9200	12,9200	12,9200			12,9200					
Certificate	NL0012937502	DAX 12614TRSOPENH	EUR	10,0200	11,0600	9,5900	1486,0000	3	11,0600	150				
Certificate	DE000VASCRC94	DAX 12618TS OPENV	EUR	10,4650	10,4650	10,4650			10,4650					
Certificate	DE000CJ3NV07	DAX 12621TS OPENZ	EUR	11,1100	11,1100	11,1100			11,1100					
Certificate	NL0012936777	DAX 12630TS OPENH	EUR	13,1600	13,1600	13,1600			13,1600					
Certificate	DE000VASRDF8	DAX 12640TS OPENV	EUR	13,1350	13,1350	13,1350			13,1350					
Certificate	NL0012937106	DAX 12643TRSOPENH	EUR	11,3500	11,3500	11,3500			11,3500					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VASRDM4	DAX 12650TS 1218V	EUR	11,6350	11,6350	11,6350			11,6350					
Certificate	NL0012988448	DAX 12655BS OPENB	EUR	10,0600	11,9950	10,0550	5524,7100	5	11,7850	517				
Certificate	DE000CV8AU11	DAX 12657TS OPENZ	EUR	11,4600	11,4600	11,4600			11,4600					
Certificate	NL0012937080	DAX 12663TRSOPENH	EUR	11,5500	11,5500	11,5500			11,5500					
Certificate	DE000VASRDA9	DAX 12668TS OPENV	EUR	10,9550	10,9550	10,9550			10,9550					
Certificate	NL0012934483	DAX 12670TS OPENH	EUR	13,4800	13,4800	13,4800			13,4800					
Certificate	NL0012937072	DAX 12673TRSOPENH	EUR	11,6300	11,6300	11,6300			11,6300					
Certificate	LU1816971482	DAX 12678TPIOPENS	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	DE000VASRDG6	DAX 12690TS OPENV	EUR	13,6450	13,6450	13,6450			13,6450					
Certificate	DE000CP06N32	DAX 12700TS 0319C	EUR	12,2300	12,2300	12,2300			12,2300					
Certificate	DE000VA7PPY3	DAX 12700TS 0319V	EUR	12,2250	12,2250	12,2250			12,2250					
Certificate	DE000VASRC37	DAX 12700TS 1218V	EUR	12,1350	12,1350	12,1350			12,1350					
Certificate	NL0012986582	DAX 12700TS OPENB	EUR	12,3400	13,7150	12,3350	222,1200	1	13,7150	18				
Certificate	DE000CQ58WC4	DAX 12700TS OPENC	EUR	12,2600	12,2600	12,2600			12,2600					
Certificate	DE000CP061U0	DAX 12700TS OPENC	EUR	11,3300	11,3300	11,3300			11,3300					
Certificate	DE000CQ5ACD6	DAX 12700TS OPENC	EUR											
Certificate	DE000CV8B6R8	DAX 12707TS OPENZ	EUR	11,9700	11,9700	11,9700			11,9700					
Certificate	NL0012937031	DAX 12712TRSOPENH	EUR	12,0200	12,0200	12,0200			12,0200					
Certificate	DE000VASRDB7	DAX 12718TS OPENV	EUR	11,4550	11,4550	11,4550			11,4550					
Certificate	DE000CV8ALE2	DAX 12720TS OPENZ	EUR	13,6500	13,6500	13,6500			13,6500					
Certificate	NL0012935019	DAX 12726TRSOPENH	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	NL0012934442	DAX 12740TS OPENH	EUR	14,1800	14,1800	14,1800			14,1800					
Certificate	DE000VASRDJ0	DAX 12740TS OPENV	EUR	14,1450	14,1450	14,1450			14,1450					
Certificate	DE000VASRDN2	DAX 12750TS 1218V	EUR	12,6350	12,6350	12,6350			12,6350					
Certificate	NL0012934848	DAX 12755TRSOPENH	EUR	12,4500	12,4500	12,4500			12,4500					
Certificate	DE000CV8AU29	DAX 12756TS OPENZ	EUR	12,4500	12,4500	12,4500			12,4500					
Certificate	DE000VASRDC5	DAX 12768TS OPENV	EUR	11,9550	11,9550	11,9550			11,9550					
Certificate	DE000CV89MS7	DAX 12776TS OPENZ	EUR											
Certificate	NL0012904098	DAX 12784TRSOPENH	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	DE000VASRCN4	DAX 12790TS OPENV	EUR	14,6450	14,6450	14,6450			14,6450					
Certificate	DE000CV89KR3	DAX 12793TS OPENZ	EUR	12,8100	12,8100	12,8100			12,8100					
Certificate	LU1816971565	DAX 12794TPIOPENS	EUR	12,1800	12,1800	12,1800			12,1800					
Certificate	DE000CP06N40	DAX 12800TS 0319C	EUR	13,2300	13,2300	13,2300			13,2300					
Certificate	DE000VA7PP08	DAX 12800TS 0319V	EUR	13,2350	13,2350	13,2350			13,2350					
Certificate	DE000VASRDP7	DAX 12800TS 1218V	EUR	13,1350	13,1350	13,1350			13,1350					
Certificate	DE000CV8B680	DAX 12800TS 1218Z	EUR	13,0600	13,0600	13,0600			13,0600					
Certificate	NL0012986590	DAX 12800TS OPENB	EUR	13,6600	14,7250	13,6600	546,4000	1	14,7250	40				
Certificate	DE000CP063M3	DAX 12800TS OPENC	EUR	13,4600	13,4600	13,4600			13,4600					
Certificate	DE000CQ58UK1	DAX 12800TS OPENC	EUR	12,1200	12,1200	12,1200			12,1200					
Certificate	DE000CY52WM1	DAX 12800TS OPENC	EUR											
Certificate	DE000CY52XY4	DAX 12800TS OPENC	EUR											
Certificate	NL0012916712	DAX 12800TS OPENH	EUR	14,8100	14,8100	14,8100			14,8100					
Certificate	NL0012917678	DAX 12804TRSOPENH	EUR	12,9500	12,9500	12,9500			12,9500					
Certificate	DE000VASRCK0	DAX 12818TS OPENV	EUR	12,4450	12,4450	12,4450			12,4450					
Certificate	NL0012904080	DAX 12834TRSOPENH	EUR	13,2500	13,2500	13,2500			13,2500					
Certificate	NL0012916670	DAX 12840TS OPENH	EUR	15,2200	15,2200	15,2200			15,2200					
Certificate	DE000VASRBJ4	DAX 12840TS OPENV	EUR	15,1250	15,1250	15,1250			15,1250					
Certificate	NL0012972863	DAX 12848BS OPENB	EUR	13,7250	13,7250	13,7250			13,7250					
Certificate	DE000VASRCM6	DAX 12850TS 1218V	EUR	13,6350	13,6350	13,6350			13,6350					
Certificate	NL0012917637	DAX 12853TRSOPENH	EUR	13,4500	13,4500	13,4500			13,4500					
Certificate	DE000CV8AKW6	DAX 12853TS OPENZ	EUR	13,4200	13,4200	13,4200			13,4200					
Certificate	DE000CV8AKV8	DAX 12858TS OPENZ	EUR											
Certificate	DE000VA4YOM3	DAX 12872TS OPENV	EUR	12,9150	12,9150	12,9150			12,9150					
Certificate	NL0012917629	DAX 12873TRSOPENH	EUR	13,6400	13,6400	13,6400			13,6400					
Certificate	NL0012916654	DAX 12880TS OPENH	EUR	15,6200	15,6200	15,6200			15,6200					
Certificate	NL0012981716	DAX 12890TS OPENB	EUR	15,6050	15,6050	15,6050			15,6050					
Certificate	DE000CV89JK0	DAX 12891TS OPENZ	EUR	13,8000	13,8000	13,8000			13,8000					
Certificate	DE000CP06N57	DAX 12900TS 0319C	EUR	14,2300	14,2300	14,2300			14,2300					
Certificate	DE000VA7PP32	DAX 12900TS 0319V	EUR	14,2350	14,2350	14,2350			14,2350					
Certificate	DE000VA3TLM8	DAX 12900TS 1218V	EUR	14,1350	14,1350	14,1350			14,1350					
Certificate	DE000CP064P4	DAX 12900TS OPENC	EUR	13,3400	13,3400	13,3400			13,3400					
Certificate	DE000CQ58PA2	DAX 12900TS OPENC	EUR	13,8300	13,8300	13,8300			13,8300					
Certificate	DE000CY52WN9	DAX 12900TS OPENC	EUR											
Certificate	NL0012904072	DAX 12903TRSOPENH	EUR	13,9400	13,9400	13,9400			13,9400					
Certificate	NL0012918262	DAX 12920TS OPENH	EUR	16,0200	16,0200	16,0200			16,0200					
Certificate	LU1790429598	DAX 12929TPIOPENS	EUR	13,0100	13,0100	13,0100			13,0100					
Certificate	DE000VA3EDD6	DAX 12930TS OPENV	EUR	15,6050	15,6050	15,6050			15,6050					
Certificate	NL0012904064	DAX 12933TRSOPENH	EUR	14,2400	14,2400	14,2400			14,2400					
Certificate	DE000VA3ZWG4	DAX 12950TS 1218V	EUR	14,6350	14,6350	14,6350			14,6350					
Certificate	NL0012917587	DAX 12952TRSOPENH	EUR	14,4400	14,4400	14,4400			14,4400					
Certificate	DE000CV8AGY0	DAX 12953TS OPENZ	EUR	14,4100	14,4100	14,4100			14,4100					
Certificate	DE000VA3EC26	DAX 12959TS OPENV	EUR	13,3850	13,3850	13,3850			13,3850					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012918247	DAX 12960TS OPENH	EUR	16,4200	16,4200	16,4200			16,4200					
Certificate	DE000CV89JR5	DAX 12960TS OPENZ	EUR	16,1200	16,1200	16,1200			16,1200					
Certificate	NL0012919278	DAX 12964TRSOPENH	EUR	14,5500	14,5500	14,5500			14,5500					
Certificate	NL0012916134	DAX 12980TS OPENH	EUR	16,7200	16,7200	16,7200			16,7200					
Certificate	DE000VA3EDF1	DAX 12980TS OPENV	EUR	16,1050	16,1050	16,1050			16,1050					
Certificate	NL0012972566	DAX 12990TS OPENB	EUR	16,6450	16,6450	16,6450			16,6450					
Certificate	DE000CV89JM6	DAX 12991TS OPENZ	EUR	14,7900	14,7900	14,7900			14,7900					
Certificate	DE000CP06N65	DAX 13000TS 0319C	EUR	15,2300	15,2300	15,2300			15,2300					
Certificate	DE000VA7PP40	DAX 13000TS 0319V	EUR	15,2450	15,2450	15,2450			15,2450					
Certificate	DE000VA3TLN6	DAX 13000TS 1218V	EUR	15,1350	15,1350	15,1350			15,1350					
Certificate	DE000CV8AQM4	DAX 13000TS 1218Z	EUR	15,0600	15,0600	15,0600			15,0600					
Certificate	DE000CQ58JR9	DAX 13000TS OPENC	EUR	14,5600	14,5600	14,5600			14,5600					
Certificate	DE000CP061V8	DAX 13000TS OPENC	EUR	14,3000	14,3000	14,3000			14,3000					
Certificate	DE000CQ58M62	DAX 13000TS OPENC	EUR	13,5000	13,5000	13,5000			13,5000					
Certificate	NL0012916126	DAX 13000TS OPENH	EUR	16,9100	16,9100	16,9100			16,9100					
Certificate	LU1790509274	DAX 13006TPIOPENS	EUR	14,0600	14,0600	14,0600			14,0600					
Certificate	DE000VA3EC42	DAX 13009TS OPENV	EUR	13,8850	13,8850	13,8850			13,8850					
Certificate	NL0012612469	DAX 13013TRSOPENH	EUR	15,0500	15,0500	15,0500			15,0500					
Certificate	NL0012562433	DAX 13021TRSOPENH	EUR	15,1300	15,1300	15,1300			15,1300					
Certificate	DE000VA3EDG9	DAX 13030TS OPENV	EUR	16,6150	16,6150	16,6150			16,6150					
Certificate	NL0012916100	DAX 13040TS OPENH	EUR	16,1300	17,3100	16,1300	1209,7500	1	17,3100	75				
Certificate	DE000CV89J30	DAX 13040TS OPENZ	EUR	15,2800	15,2800	15,2800			15,2800					
Certificate	NL0012681811	DAX 13045BS OPENB	EUR	15,6850	15,6850	15,6850			15,6850					
Certificate	DE000VA3ZWH2	DAX 13050TS 1218V	EUR	15,6350	15,6350	15,6350			15,6350					
Certificate	DE000VA3EC67	DAX 13059TS OPENV	EUR	14,3750	14,3750	14,3750			14,3750					
Certificate	NL0012914121	DAX 13061TRSOPENH	EUR	15,5200	15,5200	15,5200			15,5200					
Certificate	LU1790509514	DAX 13064TPIOPENS	EUR	14,6400	14,6400	14,6400			14,6400					
Certificate	NL0012562904	DAX 13070TS OPENH	EUR	17,6100	17,6100	17,6100			17,6100					
Certificate	DE000VA3EDH7	DAX 13080TS OPENV	EUR	17,1250	17,1250	17,1250			17,1250					
Certificate	NL0012786636	DAX 13090TS OPENB	EUR	17,6350	17,6350	17,6350			17,6350					
Certificate	DE000CV89J48	DAX 13090TS OPENZ	EUR	15,7800	15,7800	15,7800			15,7800					
Certificate	DE000VA7PP73	DAX 13100TS 0319V	EUR	16,2450	16,2450	16,2450			16,2450					
Certificate	DE000VA3TLP1	DAX 13100TS 1218V	EUR	16,1350	16,1350	16,1350			16,1350					
Certificate	DE000CQ58JS7	DAX 13100TS OPENC	EUR	15,5500	15,5500	15,5500			15,5500					
Certificate	NL0012562037	DAX 13100TS OPENH	EUR	17,8800	17,8800	17,8800			17,8800					
Certificate	DE000VA3EC83	DAX 13109TS OPENV	EUR	14,8750	14,8750	14,8750			14,8750					
Certificate	NL0012612121	DAX 13110TRSOPENH	EUR	16,0200	16,0200	16,0200			16,0200					
Certificate	NL0012561872	DAX 13130TS OPENH	EUR	18,1700	18,1700	18,1700			18,1700					
Certificate	DE000VA3EDJ3	DAX 13130TS OPENV	EUR	17,6250	17,6250	17,6250			17,6250					
Certificate	DE000CV89J55	DAX 13140TS OPENZ	EUR	16,2800	16,2800	16,2800			16,2800					
Certificate	DE000VA3ZWJ8	DAX 13150TS 1218V	EUR	16,6350	16,6350	16,6350			16,6350					
Certificate	DE000VA3EC91	DAX 13159TS OPENV	EUR	15,3650	15,3650	15,3650			15,3650					
Certificate	NL0012912760	DAX 13168TRSOPENH	EUR	16,6000	16,6000	16,6000			16,6000					
Certificate	NL0012918171	DAX 13170TS OPENH	EUR	18,6300	18,6300	18,6300			18,6300					
Certificate	NL0012681282	DAX 13180TS OPENB	EUR	17,8550	17,8550	17,8550			17,8550					
Certificate	DE000CV89J63	DAX 13190TS OPENZ	EUR	16,7700	16,7700	16,7700			16,7700					
Certificate	DE000CP06N73	DAX 13200TS 0319C	EUR	17,2300	17,2300	17,2300			17,2300					
Certificate	DE000VA7PQA1	DAX 13200TS 0319V	EUR	17,2450	17,2450	17,2450			17,2450					
Certificate	DE000VA3TLR7	DAX 13200TS 1218V	EUR	17,1350	17,1350	17,1350			17,1350					
Certificate	DE000CV8AL38	DAX 13200TS 1218Z	EUR	17,0700	17,0700	17,0700			17,0700					
Certificate	DE000CQ58FW7	DAX 13200TS OPENC	EUR	16,3900	16,3900	16,3900			16,3900					
Certificate	NL0012613160	DAX 13210TS OPENH	EUR	18,9900	18,9900	18,9900			18,9900					
Certificate	DE000CV4ZSE3	DAX 13210TS OPENZ	EUR	18,6050	18,6050	18,6050			18,6050					
Certificate	NL0012561534	DAX 13227TRSOPENH	EUR	17,1800	17,1800	17,1800			17,1800					
Certificate	NL0012498810	DAX 13236BS OPENB	EUR	17,5950	17,5950	17,5950			17,5950					
Certificate	DE000CV89229	DAX 13236TS OPENZ	EUR	17,2300	17,2300	17,2300			17,2300					
Certificate	NL0012918122	DAX 13240TS OPENH	EUR	19,3400	19,3400	19,3400			19,3400					
Certificate	DE000VA3ZWK6	DAX 13250TS 1218V	EUR	17,6350	17,6350	17,6350			17,6350					
Certificate	NL0012680524	DAX 13270TS OPENB	EUR	21,5850	21,5850	21,5850			21,5850					
Certificate	DE000CE6FJ19	DAX 13281TS OPENZ	EUR	17,6900	17,6900	17,6900			17,6900					
Certificate	DE000VL61NU1	DAX 13290TS OPENV	EUR	18,0550	18,0550	18,0550			18,0550					
Certificate	NL0012537070	DAX 13292TRSOPENH	EUR	17,8400	17,8400	17,8400			17,8400					
Certificate	NL0012987259	DAX 13300BOC0619B	EUR	121,5000	121,5000	120,3000			120,3000					
Certificate	LU1756868862	DAX 13300TPIOPENS	EUR	16,2300	16,2300	16,2300			16,2300					
Certificate	DE000VA7PQE3	DAX 13300TS 0319V	EUR	18,2450	18,2450	18,2450			18,2450					
Certificate	DE000VA3TLT3	DAX 13300TS 1218V	EUR	18,1350	18,1350	18,1350			18,1350					
Certificate	NL0012903835	DAX 13300TS OPENH	EUR	19,9300	19,9300	19,9300			19,9300					
Certificate	NL0012915862	DAX 13310TRSOPENH	EUR	18,0100	18,0100	18,0100			18,0100					
Certificate	DE000VL61NB1	DAX 13326TS OPENV	EUR	15,8550	15,8550	15,8550			15,8550					
Certificate	NL0012498828	DAX 13332BS OPENB	EUR	18,5650	18,5650	18,5650			18,5650					
Certificate	DE000VL61NW7	DAX 13340TS OPENV	EUR	18,5550	18,5550	18,5550			18,5550					
Certificate	DE000CE6BWE2	DAX 13345TS OPENZ	EUR	18,3200	18,3200	18,3200			18,3200					



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	DE000VA32WL4	DAX 13350TS 1218V	EUR	18,6350	18,6350	18,6350			18,6350					
Certificate	NL0012527832	DAX 13350TS OPENH	EUR	19,2300	20,3900	19,2300	576,9000	1	20,3900	30				
Certificate	NL0012090641	DAX 13350TS OPENH	EUR	20,4600	20,4600	20,4600			20,4600					
Certificate	NL0012530125	DAX 13372TRSOPENH	EUR	18,6300	18,6300	18,6300			18,6300					
Certificate	DE000VL61ND7	DAX 13376TS OPENV	EUR	16,3450	16,3450	16,3450			16,3450					
Certificate	NL0011048228	DAX 13377TRSOPENH	EUR	18,6700	18,6700	18,6700			18,6700					
Certificate	DE000VL61N20	DAX 13390TS OPENV	EUR	19,0650	19,0650	19,0650			19,0650					
Certificate	DE000CE6F1J0	DAX 13392TS OPENZ	EUR	18,7900	18,7900	18,7900			18,7900					
Certificate	LU1756869084	DAX 13396TPIOPENS	EUR	17,1900	17,1900	17,1900			17,1900					
Certificate	DE000CP06N81	DAX 13400TS 0319C	EUR	19,2300	19,2300	19,2300			19,2300					
Certificate	DE000VA7PQH6	DAX 13400TS 0319V	EUR	19,2450	19,2450	19,2450			19,2450					
Certificate	DE000VA32WM2	DAX 13400TS 1218V	EUR	19,1350	19,1350	19,1350			19,1350					
Certificate	DE000CV8AAS5	DAX 13400TS 1218Z	EUR	19,0700	19,0700	19,0700			19,0700					
Certificate	DE000CV52SD8	DAX 13400TS OPENC	EUR	15,6800	15,6800	15,6800			15,6800					
Certificate	DE000CV52XS6	DAX 13400TS OPENC	EUR	16,9000	16,9000	16,9000			16,9000					
Certificate	DE000VL61NF2	DAX 13426TS OPENV	EUR	16,8350	16,8350	16,8350			16,8350					
Certificate	NL0012499537	DAX 13432BS OPENB	EUR	19,5650	19,5650	19,5650			19,5650					
Certificate	NL0013084486	DAX 13436TRSOPENH	EUR	19,2700	19,2700	19,2700			19,2700					
Certificate	NL0012851323	DAX 13440TS OPENH	EUR	21,3800	21,3800	21,3800			21,3800					
Certificate	DE000VL61N19	DAX 13440TS OPENV	EUR	19,5650	19,5650	19,5650			19,5650					
Certificate	DE000CE6F4P1	DAX 13443TS OPENZ	EUR	19,3000	19,3000	19,3000			19,3000					
Certificate	NL0012863161	DAX 13449TRSOPENH	EUR	19,4100	19,4100	19,4100			19,4100					
Certificate	DE000VA32WNO	DAX 13450TS 1218V	EUR	19,6350	19,6350	19,6350			19,6350					
Certificate	NL0013003866	DAX 13450TS OPENB	EUR	20,5750	20,5750	20,5750			20,5750					
Certificate	DE000CV4ZSD5	DAX 13450TS OPENZ	EUR	21,0950	21,0950	21,0950			21,0950					
Certificate	NL0012277008	DAX 13470TS OPENB	EUR	22,1800	23,5750	22,1750	11090,0000	1	23,5750	500				
Certificate	DE000VL61NJ4	DAX 13476TS OPENV	EUR	17,3250	17,3250	17,3250			17,3250					
Certificate	DE000VL61N35	DAX 13490TS OPENV	EUR	20,0650	20,0650	20,0650			20,0650					
Certificate	DE000CE6F4Q9	DAX 13493TS OPENZ	EUR	19,8000	19,8000	19,8000			19,8000					
Certificate	NL0012904817	DAX 13495TRSOPENH	EUR	19,8600	19,8600	19,8600			19,8600					
Certificate	DE000CP06N99	DAX 13500TS 0319C	EUR	20,2300	20,2300	20,2300			20,2300					
Certificate	DE000VA7PQP9	DAX 13500TS 0319V	EUR	20,2550	20,2550	20,2550			20,2550					
Certificate	DE000VA32WP5	DAX 13500TS 1218V	EUR	20,1350	20,1350	20,1350			20,1350					
Certificate	DE000CV52XR8	DAX 13500TS OPENC	EUR	17,8900	17,8900	17,8900			17,8900					
Certificate	DE000CV52SE6	DAX 13500TS OPENC	EUR	16,6500	16,6500	16,6500			16,6500					
Certificate	LU1784828235	DAX 13504TS OPENS	EUR	18,2400	18,2400	18,2400			18,2400					
Certificate	DE000VL61NM8	DAX 13526TS OPENV	EUR	17,8250	17,8250	17,8250			17,8250					
Certificate	NL0012536155	DAX 13530TS OPENH	EUR	22,2100	22,2100	22,2100			22,2100					
Certificate	DE000VL61N50	DAX 13540TS OPENV	EUR	20,5650	20,5650	20,5650			20,5650					
Certificate	DE000CE6FAD1	DAX 13547TS OPENZ	EUR	20,3400	20,3400	20,3400			20,3400					
Certificate	DE000VA32WQ3	DAX 13550TS 1218V	EUR	20,6350	20,6350	20,6350			20,6350					
Certificate	NL0012862213	DAX 13550TS OPENH	EUR	22,4900	22,4900	22,4900			22,4900					
Certificate	NL0012329783	DAX 13556TRSOPENH	EUR	20,4800	20,4800	20,4800			20,4800					
Certificate	NL0013003163	DAX 13570TS OPENB	EUR	21,8350	21,8350	21,8350			21,8350					
Certificate	DE000VL61NP1	DAX 13576TS OPENV	EUR	18,3150	18,3150	18,3150			18,3150					
Certificate	DE000VA7PQT1	DAX 13600TS 0319V	EUR	21,2550	21,2550	21,2550			21,2550					
Certificate	DE000VA32WR1	DAX 13600TS 1218V	EUR	21,1350	21,1350	21,1350			21,1350					
Certificate	DE000CV8AAT3	DAX 13600TS 1218Z	EUR	21,0700	21,0700	21,0700			21,0700					
Certificate	DE000CD64946	DAX 13632TS OPENZ	EUR	21,1900	21,1900	21,1900			21,1900					
Certificate	LU1784828151	DAX 13634TS OPENS	EUR	19,5300	19,5300	19,5300			19,5300					
Certificate	NL0012536080	DAX 13640TS OPENH	EUR	23,4000	23,4000	23,4000			23,4000					
Certificate	DE000VA32WS9	DAX 13650TS 1218V	EUR	21,6350	21,6350	21,6350			21,6350					
Certificate	DE000VL37QA6	DAX 13660TS OPENV	EUR	21,0350	21,0350	21,0350			21,0350					
Certificate	NL0012537955	DAX 13664TRSOPENH	EUR	21,5400	21,5400	21,5400			21,5400					
Certificate	NL0013001621	DAX 13670TS OPENB	EUR	23,4750	23,4750	23,4750			23,4750					
Certificate	DE000CE6FAE9	DAX 13685TS OPENZ	EUR	21,7300	21,7300	21,7300			21,7300					
Certificate	DE000CE6CW5	DAX 13690TS OPENZ	EUR	23,5450	23,5450	23,5450			23,5450					
Certificate	DE000VA7PQX3	DAX 13700TS 0319V	EUR	22,2550	22,2550	22,2550			22,2550					
Certificate	DE000VA32013	DAX 13700TS 1218V	EUR	22,1350	22,1350	22,1350			22,1350					
Certificate	DE000CV524G5	DAX 13700TS OPENC	EUR	17,5100	17,5100	17,5100			17,5100					
Certificate	DE000CV52442	DAX 13700TS OPENC	EUR	18,7100	18,7100	18,7100			18,7100					
Certificate	DE000VL37QB4	DAX 13710TS OPENV	EUR	21,5350	21,5350	21,5350			21,5350					
Certificate	DE000CE6FCR7	DAX 13729TS OPENZ	EUR	22,1600	22,1600	22,1600			22,1600					
Certificate	DE000VL2FUU0	DAX 13734TS OPENV	EUR	18,7750	18,7750	18,7750			18,7750					
Certificate	NL0012329577	DAX 13740TS OPENH	EUR	24,4000	24,4000	24,4000			24,4000					
Certificate	NL0012520118	DAX 13741TRSOPENH	EUR											
Certificate	DE000VA322K3	DAX 13750TS 1218V	EUR	22,6350	22,6350	22,6350			22,6350					
Certificate	DE000VL37QC2	DAX 13760TS OPENV	EUR	22,0350	22,0350	22,0350			22,0350					
Certificate	NL0012864136	DAX 13771TRSOPENH	EUR	22,6300	22,6300	22,6300			22,6300					
Certificate	DE000CE6FCSS	DAX 13779TS OPENZ	EUR	22,6600	22,6600	22,6600			22,6600					
Certificate	DE000VL2FUV8	DAX 13784TS OPENV	EUR	19,2650	19,2650	19,2650			19,2650					
Certificate	NL0012537419	DAX 13790TS OPENH	EUR	24,9200	24,9200	24,9200			24,9200					



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	DE000VL37P42	DAX 13798TS OPENV	EUR	19,7650	19,7650	19,7650			19,7650					
Certificate	DE000VA322L1	DAX 13800TS 1218V	EUR	23,1350	23,1350	23,1350			23,1350					
Certificate	DE000CV8AAU1	DAX 13800TS 1218Z	EUR	23,0700	23,0700	23,0700			23,0700					
Certificate	DE000CY51G59	DAX 13800TS OPENC	EUR	17,9900	17,9900	17,9900			17,9900					
Certificate	DE000VL37QD0	DAX 13810TS OPENV	EUR	22,5350	22,5350	22,5350			22,5350					
Certificate	DE000CE6FCT3	DAX 13828TS OPENZ	EUR	23,1500	23,1500	23,1500			23,1500					
Certificate	DE000VL37P59	DAX 13848TS OPENV	EUR	20,2550	20,2550	20,2550			20,2550					
Certificate	DE000VA322M9	DAX 13850TS 1218V	EUR	23,6350	23,6350	23,6350			23,6350					
Certificate	LU1784828078	DAX 13851TS OPENS	EUR	21,6700	21,6700	21,6700			21,6700					
Certificate	NL0012208151	DAX 13854TRSOPENH	EUR	23,4600	23,4600	23,4600			23,4600					
Certificate	DE000VL37L04	DAX 13860TS OPENV	EUR	22,9650	22,9650	22,9650			22,9650					
Certificate	DE000CE6FCU1	DAX 13878TS OPENZ	EUR	23,6500	23,6500	23,6500			23,6500					
Certificate	DE000VA324H5	DAX 13900TS 1218V	EUR	24,1350	24,1350	24,1350			24,1350					
Certificate	DE000CY51WT8	DAX 13900TS OPENC	EUR	20,5900	20,5900	20,5900			20,5900					
Certificate	DE000VL2FXN9	DAX 13908TS OPENV	EUR	20,7450	20,7450	20,7450			20,7450					
Certificate	DE000VL37L12	DAX 13910TS OPENV	EUR	23,4650	23,4650	23,4650			23,4650					
Certificate	NL0012051650	DAX 13930TS OPENC	EUR	26,3000	26,3000	26,3000			26,3000					
Certificate	DE000CE6FEY9	DAX 13932TS OPENZ	EUR	24,1900	24,1900	24,1900			24,1900					
Certificate	DE000CE6CID9	DAX 13940TS OPENZ	EUR	26,0250	26,0250	26,0250			26,0250					
Certificate	DE000VA324J1	DAX 13950TS 1218V	EUR	24,6450	24,6450	24,6450			24,6450					
Certificate	DE000VL2FXQ2	DAX 13958TS OPENV	EUR	21,2350	21,2350	21,2350			21,2350					
Certificate	DE000VL37L20	DAX 13960TS OPENV	EUR	23,9650	23,9650	23,9650			23,9650					
Certificate	DE000CP06NA9	DAX 14000TS 0319C	EUR	25,2300	25,2300	25,2300			25,2300					
Certificate	DE000VA4RNA1	DAX 14000TS 1218V	EUR	25,1450	25,1450	25,1450			25,1450					
Certificate	DE000CV8AF44	DAX 14000TS 1218Z	EUR	25,0700	25,0700	25,0700			25,0700					
Certificate	DE000CY51TV0	DAX 14000TS OPENC	EUR	20,3000	20,3000	20,3000			20,3000					
Certificate	DE000CY51NN0	DAX 14000TS OPENC	EUR	21,3300	21,3300	21,3300			21,3300					
Certificate	DE000CY504C6	DAX 14000TS OPENC	EUR	19,7600	19,7600	19,7600			19,7600					
Certificate	DE000VL2FXS8	DAX 14008TS OPENV	EUR	21,7150	21,7150	21,7150			21,7150					
Certificate	DE000VL37L38	DAX 14010TS OPENV	EUR	24,4650	24,4650	24,4650			24,4650					
Certificate	DE000CE6FCV9	DAX 14027TS OPENZ	EUR	25,1400	25,1400	25,1400			25,1400					
Certificate	NL0012791453	DAX 14031BS OPENB	EUR	25,5550	25,5550	25,5550			25,5550					
Certificate	NL0012860464	DAX 14046TRSOPENH	EUR	25,3800	25,3800	25,3800			25,3800					
Certificate	DE000VA4RPC2	DAX 14050TS 1218V	EUR	25,6450	25,6450	25,6450			25,6450					
Certificate	DE000VL2FXU4	DAX 14058TS OPENV	EUR	22,2050	22,2050	22,2050			22,2050					
Certificate	DE000VL37L46	DAX 14060TS OPENV	EUR	24,9650	24,9650	24,9650			24,9650					
Certificate	NL0012434377	DAX 14070TS OPENH	EUR	27,7300	27,7300	27,7300			27,7300					
Certificate	DE000CV42PB5	DAX 14076TS OPENZ	EUR	25,6300	25,6300	25,6300			25,6300					
Certificate	NL0012985717	DAX 14080TS OPENB	EUR	26,6800	27,7150	26,6650	21344,0000	1	27,7150	800				
Certificate	DE000VA4RPD0	DAX 14100TS 1218V	EUR	26,1450	26,1450	26,1450			26,1450					
Certificate	DE000CY51WU6	DAX 14100TS OPENC	EUR	22,5400	22,5400	22,5400			22,5400					
Certificate	DE000VL2FXV2	DAX 14108TS OPENV	EUR	22,6950	22,6950	22,6950			22,6950					
Certificate	DE000VL37L53	DAX 14110TS OPENV	EUR	25,4550	25,4550	25,4550			25,4550					
Certificate	DE000CV4ZPC3	DAX 14126TS OPENZ	EUR	26,1300	26,1300	26,1300			26,1300					
Certificate	DE000VA4RPE8	DAX 14150TS 1218V	EUR	26,6450	26,6450	26,6450			26,6450					
Certificate	DE000VL2FXH8	DAX 14158TS OPENV	EUR	23,1850	23,1850	23,1850			23,1850					
Certificate	DE000VL37L61	DAX 14160TS OPENV	EUR	25,9550	25,9550	25,9550			25,9550					
Certificate	DE000VA4YWM3	DAX 14200TS 1218V	EUR	27,1450	27,1450	27,1450			27,1450					
Certificate	DE000CV8AAV9	DAX 14200TS 1218Z	EUR	27,0700	27,0700	27,0700			27,0700					
Certificate	DE000CQ5AY44	DAX 14200TS OPENC	EUR	25,9800	25,9800	25,9800			25,9800					
Certificate	DE000CY16GN7	DAX 14200TS OPENC	EUR	19,3100	19,3100	19,3100			19,3100					
Certificate	DE000CE6CO96	DAX 14200TS OPENZ	EUR	28,6350	28,6350	28,6350			28,6350					
Certificate	DE000VL2FXZ3	DAX 14208TS OPENV	EUR	23,6750	23,6750	23,6750			23,6750					
Certificate	DE000VL37L79	DAX 14210TS OPENV	EUR	26,4550	26,4550	26,4550			26,4550					
Certificate	DE000CE6FCW7	DAX 14226TS OPENZ	EUR	27,1300	27,1300	27,1300			27,1300					
Certificate	NL0013003874	DAX 14240TS OPENB	EUR	28,5550	28,5550	28,5550			28,5550					
Certificate	DE000VL37L95	DAX 14260TS OPENV	EUR	26,9550	26,9550	26,9550			26,9550					
Certificate	NL0012213359	DAX 14300TS OPENH	EUR	30,0300	30,0300	30,0300			30,0300					
Certificate	DE000VL37MA5	DAX 14310TS OPENV	EUR	27,4550	27,4550	27,4550			27,4550					
Certificate	DE000CV88WG3	DAX 14329TS OPENZ	EUR	28,1700	28,1700	28,1700			28,1700					
Certificate	NL0012904809	DAX 14352TRSOPENH	EUR	28,4300	28,4300	28,4300			28,4300					
Certificate	DE000VL37MC1	DAX 14360TS OPENV	EUR	27,9550	27,9550	27,9550			27,9550					
Certificate	NL0011229380	DAX 14380TS OPENH	EUR	30,9000	30,9000	30,9000			30,9000					
Certificate	DE000CY51TW8	DAX 14400TS OPENC	EUR	24,1500	24,1500	24,1500			24,1500					
Certificate	DE000CY52GM4	DAX 14400TS OPENC	EUR	26,0900	26,0900	26,0900			26,0900					
Certificate	DE000CY16GP2	DAX 14400TS OPENC	EUR	21,1900	21,1900	21,1900			21,1900					
Certificate	DE000CY50MS3	DAX 14400TS OPENC	EUR	24,0700	24,0700	24,0700			24,0700					
Certificate	DE000VL37MD9	DAX 14410TS OPENV	EUR	28,4450	28,4450	28,4450			28,4450					
Certificate	DE000VL61GZ4	DAX 14410TS OPENV	EUR	29,1750	29,1750	29,1750			29,1750					
Certificate	DE000CV87MS1	DAX 14427TS OPENZ	EUR	29,1400	29,1400	29,1400			29,1400					
Certificate	DE000CE6CTJ5	DAX 14440TS OPENZ	EUR	31,1250	31,1250	31,1250			31,1250					
Certificate	NL0012559215	DAX 14490TS OPENH	EUR	32,0400	32,0400	32,0400			32,0400					



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	DE000CP06NB7	DAX 14500TS 0319C	EUR	30,2300	30,2300	30,2300			30,2300					
Certificate	DE000CV508Y1	DAX 14500TS OPENC	EUR	24,7600	24,7600	24,7600			24,7600					
Certificate	DE000CV890F5	DAX 14530TS OPENZ	EUR	30,1700	30,1700	30,1700			30,1700					
Certificate	NL0012241756	DAX 14550TS OPENH	EUR	32,5500	32,5500	32,5500			32,5500					
Certificate	DE000CV8AAW7	DAX 14600TS 1218Z	EUR	31,0700	31,0700	31,0700			31,0700					
Certificate	DE000CV51VV4	DAX 14600TS OPENC	EUR	27,4200	27,4200	27,4200			27,4200					
Certificate	DE000CV16GQ0	DAX 14600TS OPENC	EUR	23,0800	23,0800	23,0800			23,0800					
Certificate	DE000CV52FA1	DAX 14600TS OPENC	EUR	26,7100	26,7100	26,7100			26,7100					
Certificate	DE000CE6FCX5	DAX 14623TS OPENZ	EUR	31,1000	31,1000	31,1000			31,1000					
Certificate	NL0012606446	DAX 14664TRSOPENH	EUR	31,5600	31,5600	31,5600			31,5600					
Certificate	NL0012679039	DAX 14670TS OPENB	EUR	35,9950	35,9950	35,9950			35,9950					
Certificate	DE000CE6CTK3	DAX 14690TS OPENZ	EUR	33,6050	33,6050	33,6050			33,6050					
Certificate	NL0012903827	DAX 14710TS OPENH	EUR	34,2100	34,2100	34,2100			34,2100					
Certificate	NL0012198105	DAX 14721TRSOPENH	EUR	32,1300	32,1300	32,1300			32,1300					
Certificate	DE000CV51VW2	DAX 14800TS OPENC	EUR	29,3700	29,3700	29,3700			29,3700					
Certificate	DE000CV16PJ6	DAX 14800TS OPENC	EUR	25,2200	25,2200	25,2200			25,2200					
Certificate	DE000CQ5AY51	DAX 14800TS OPENC	EUR	31,9400	31,9400	31,9400			31,9400					
Certificate	DE000CV51G67	DAX 14800TS OPENC	EUR	27,5900	27,5900	27,5900			27,5900					
Certificate	DE000CV88EZ1	DAX 14824TS OPENZ	EUR	33,1100	33,1100	33,1100			33,1100					
Certificate	DE000CE6DLS1	DAX 14930TS OPENZ	EUR	36,1050	36,1050	36,1050			36,1050					
Certificate	NL0012198808	DAX 14960TS OPENH	EUR	36,8100	36,8100	36,8100			36,8100					
Certificate	DE000CP06NC5	DAX 15000TS 0319C	EUR	35,2300	35,2300	35,2300			35,2300					
Certificate	DE000CV8AA55	DAX 15000TS 1218Z	EUR	35,0700	35,0700	35,0700			35,0700					
Certificate	DE000CV501S8	DAX 15000TS OPENC	EUR	28,0300	28,0300	28,0300			28,0300					
Certificate	DE000CV4YQP6	DAX 15023TS OPENZ	EUR	35,1000	35,1000	35,1000			35,1000					
Certificate	NL0011047741	DAX 15120TS OPENH	EUR	38,4000	38,4000	38,4000			38,4000					
Certificate	DE000CE6FOF0	DAX 15180TS OPENZ	EUR	38,5950	38,5950	38,5950			38,5950					
Certificate	DE000CV50LS5	DAX 15200TS OPENC	EUR	30,4000	30,4000	30,4000			30,4000					
Certificate	DE000CV52FB9	DAX 15200TS OPENC	EUR	32,5100	32,5100	32,5100			32,5100					
Certificate	DE000CV52061	DAX 15200TS OPENC	EUR	33,3200	33,3200	33,3200			33,3200					
Certificate	DE000CV88QJ9	DAX 15229TS OPENZ	EUR	37,1600	37,1600	37,1600			37,1600					
Certificate	NL0012530117	DAX 15303TRSOPENH	EUR	37,9500	37,9500	37,9500			37,9500					
Certificate	DE000CV8AA53	DAX 15400TS 1218Z	EUR	39,0800	39,0800	39,0800			39,0800					
Certificate	DE000CV4YQN1	DAX 15422TS OPENZ	EUR	39,0900	39,0900	39,0900			39,0900					
Certificate	DE000CE6FAP5	DAX 15430TS OPENZ	EUR	41,1250	41,1250	41,1250			41,1250					
Certificate	NL0012548036	DAX 15450TS OPENH	EUR	41,7400	41,7400	41,7400			41,7400					
Certificate	NL0011048210	DAX 15496TRSOPENH	EUR	39,8700	39,8700	39,8700			39,8700					
Certificate	DE000CV51Y99	DAX 15600TS OPENC	EUR	35,7600	35,7600	35,7600			35,7600					
Certificate	DE000CV890A6	DAX 15623TS OPENZ	EUR	41,1000	41,1000	41,1000			41,1000					
Certificate	DE000CE6FEG6	DAX 15680TS OPENZ	EUR	43,6150	43,6150	43,6150			43,6150					
Certificate	NL0012535934	DAX 15700TS OPENH	EUR	44,3000	44,3000	44,3000			44,3000					
Certificate	DE000CV8AE78	DAX 15800TS 1218Z	EUR	43,0800	43,0800	43,0800			43,0800					
Certificate	DE000CV87MT9	DAX 15822TS OPENZ	EUR	43,0900	43,0900	43,0900			43,0900					
Certificate	NL0011229372	DAX 15870TS OPENH	EUR	46,0000	46,0000	46,0000			46,0000					
Certificate	DE000CV4ZNE4	DAX 15930TS OPENZ	EUR	46,1450	46,1450	46,1450			46,1450					
Certificate	DE000CC8AFR9	DAX 16000TS OPENC	EUR	29,0400	29,0400	29,0400			29,0400					
Certificate	DE000CV88LA9	DAX 16225TS OPENZ	EUR	47,1200	47,1200	47,1200			47,1200					
Certificate	NL0011047733	DAX 16610TS OPENH	EUR	53,5500	53,5500	53,5500			53,5500					
Certificate	DE000CV88TM7	DAX 16628TS OPENZ	EUR	51,1600	51,1600	51,1600			51,1600					
Certificate	DE000CV88N43	DAX 16910TS OPENZ	EUR	56,0950	56,0950	56,0950			56,0950					
Certificate	NL0011229364	DAX 18110TS OPENH	EUR	68,8000	68,8000	68,8000			68,8000					
Certificate	DE000VN53Y97	DAX10 LEVOPENV	EUR	4,4350	4,4350	4,4350			4,4350					
Certificate	DE000VL51225	DAX10 LEVOPENV	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	DE000VN53ZA0	DAX10 SHROPENV	EUR	0,6900	0,7300	0,6900	142,0000	2	0,7150	200				
Certificate	FR0013123734	DAX3S SHROPENS	EUR											
Certificate	DE000CE6BUM9	DAXIF LEVOPENZ	EUR	1,4190	1,4190	1,4190			1,4190					
Certificate	DE000CE6BUK3	DAXIF LEVOPENZ	EUR	9,5150	9,5150	9,5150			9,5150					
Certificate	DE000CE6BUL1	DAXIF LEVOPENZ	EUR	5,8900	5,8900	5,6450	1472,5000	1	5,6450	250				
Certificate	DE000CE6BUN7	DAXIF SHROPENZ	EUR	7,1650	7,1650	7,1650			7,1650					
Certificate	DE000CE6BUP2	DAXIF SHROPENZ	EUR	2,0900	2,3100	2,0900	1463,0000	1	2,3100	700				
Certificate	DE000DB0XJ7	DB CROCI	EUR	249,6400	249,6400	249,6400			249,6400					
Certificate	DE000DB6GZA4	DB CROCI SECTOR	EUR	230,7500	231,4400	230,7500	50542,9400	4	231,1900	219				
Certificate	XS0210953039	DB DJ INDEX 6%35	EUR											
Certificate	DE000CQ5A2J8	DBANK 14TS OPENC	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000CQ5A2K6	DBANK 16TS OPENC	EUR	6,2400	6,2400	6,2400			6,2400					
Certificate	NL0010897427	DBANK 27TS OPENB	EUR	2,2500	2,2500	2,2400			2,2400					
Certificate	NL0012923395	DBANK 6.5TL OPENH	EUR	0,3200	0,3300	0,3200			0,3300					
Certificate	NL0012923387	DBANK 7.3TL OPENH	EUR	0,2500	0,2600	0,2500			0,2600					
Certificate	NL0013018674	DBANK 7.6TL OPENB	EUR	2,0300	2,1400	2,0300			2,1400					
Certificate	NL0012923379	DBANK 7.7TL OPENH	EUR	0,2100	0,2200	0,2100			0,2200					
Certificate	NL0012975494	DBANK 7.9TL OPENB	EUR	1,8000	1,9100	1,8000	9680,0000	3	1,9100	5250				
Certificate	NL0011605688	DBANK 8.2TL OPENH	EUR	0,1900	0,2000	0,1900			0,2000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013127350	DBANK 8.4TL OPENH	EUR	0,1500	0,1600	0,1500			0,1600					
Certificate	NL0013126725	DBANK 8.7TS OPENH	EUR											
Certificate	NL0013129695	DBANK 8.9TS OPENH	EUR											
Certificate	NL0013128291	DBANK 8.9TS OPENH	EUR											
Certificate	NL0013125628	DBANK 9.2TS OPENH	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	NL0013017262	DBANK 9.8TS OPENB	EUR	1,5000	1,5000	1,3800			1,3800					
Certificate	NL0013125610	DBANK 9.8TS OPENH	EUR	0,1900	0,1900	0,1800			0,1800					
Certificate	NL0012938096	DBANK 10.7TS OPENH	EUR	0,2800	0,2800	0,2700			0,2700					
Certificate	NL0012990204	DBANK 10.8TS OPENB	EUR	2,6300	2,6300	2,5100	253,0000	1	2,5100	100				
Certificate	NL0012934640	DBANK 11.7TS OPENH	EUR	0,3900	0,3900	0,3800			0,3800					
Certificate	NL0012776777	DBANK 12.1TS OPENB	EUR	4,0100	4,0100	3,8900			3,8900					
Certificate	NL0012934632	DBANK 12.2TS OPENH	EUR	0,4500	0,4500	0,4400			0,4400					
Certificate	NL0012775688	DBANK 13.4TS OPENB	EUR	5,4000	5,4000	5,2800			5,2800					
Certificate	NL0012683262	DBANK 14.8TS OPENB	EUR	6,9500	6,9500	6,8300			6,8300					
Certificate	NL0011518378	DBANK 22.1TS OPENB	EUR	1,6650	1,6650	1,6550			1,6550					
Certificate	NL0011231162	DBANK 27.1TS OPENH	EUR	2,3600	2,3600	2,3500			2,3500					
Certificate	DE000CD61WJ2	DBANK 8.21TL OPENZ	EUR	0,0870	0,1035	0,0870	86,4000	1	0,1035	960				
Certificate	DE000CJ3PLE7	DBANK10.12TS OPENZ	EUR	0,0950	0,0950	0,0950			0,0950					
Certificate	NL0012988513	DBANK10.85BS OPENB	EUR	1,8700	1,8700	1,7500			1,7500					
Certificate	DE000CV8AXJ6	DBANK11.12TS OPENZ	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	DE000CV883M6	DBANK12.12TS OPENZ	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	NL0012774509	DBANK12.83BS OPENB	EUR	3,8500	3,8500	3,7300			3,7300					
Certificate	DE000CV501A9	DBANK14.11TS OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	NL0012681910	DBANK14.79BS OPENB	EUR	5,8100	5,8100	5,6900			5,6900					
Certificate	DE000CR9RQH2	DBANK25.01TS OPENZ	EUR	1,5950	1,5950	1,5850			1,5850					
Certificate	DE000CF80LW3	DBANK27.34TS OPENZ	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000CV89P57	DBANK5.575TL OPENZ	EUR	0,3650	0,3650	0,3650			0,3650					
Certificate	NL0012975171	DBANK6.2278L OPENB	EUR	2,9800	3,1000	2,9800			3,1000					
Certificate	DE000CD634D4	DBANK6.585TL OPENZ	EUR	0,2450	0,2650	0,2450	195,0000	1	0,2650	750				
Certificate	DE000CJ3PPL3	DBANK7.071TL OPENZ	EUR	0,2150	0,2150	0,2150			0,2150					
Certificate	NL0012792691	DBANK7.2368L OPENB	EUR	1,9700	2,0900	1,9700			2,0900					
Certificate	DE000CD620K8	DBANK7.671TL OPENZ	EUR	0,1450	0,1600	0,1450	555,0000	2	0,1550	3500				
Certificate	DE000CX597C1	DBANK8.199TL OPENZ	EUR											
Certificate	NL0012775985	DBANK8.2488L OPENB	EUR	0,9600	1,0700	0,9600	1169,2500	3	1,0700	1175				
Certificate	NL0013017718	DBANK8.8528S OPENB	EUR											
Certificate	DE000CV87QP8	DEUTS103.5TL OPENZ	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000CR6X6T8	DEUTS63.03TL OPENZ	EUR	4,9400	4,9400	4,8750			4,8750					
Certificate	NL0011055116	DEUTS65.16TL OPENH	EUR	5,1500	5,1500	5,0900			5,0900					
Certificate	DE000CR6XYF4	DEUTS68.68TL OPENZ	EUR	4,3700	4,3700	4,3050			4,3050					
Certificate	DE000CE6C8P5	DEUTS76.61TL OPENZ	EUR	3,5150	3,5150	3,5150			3,5150					
Certificate	DE000CE6CKZ0	DEUTS84.56TL OPENZ	EUR	2,7150	2,7150	2,7150			2,7150					
Certificate	DE000CV4Z076	DEUTS93.52TL OPENZ	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	DE000CR9SFM3	DIAGE17.07TL OPENZ	EUR	2,3000	2,3000	2,1500			2,1500					
Certificate	DE000CD61VG0	DIAGE19.09TL OPENZ	EUR	1,8100	1,8100	1,6600			1,6600					
Certificate	DE000CE6E4Q0	DIAGE22.61TL OPENZ	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CV89DJ5	DIETN21.56TL OPENZ	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CN6FS43	DIETN23.77TL OPENZ	EUR	1,4000	1,4000	1,3700	700,0000	1	1,3700	500				
Certificate	DE000CN6K6V8	DIETN26.39TL OPENZ	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	NL0013016413	DIETN28.668L OPENB	EUR	0,8200	0,8200	0,8100			0,8100					
Certificate	DE000CN6K6W6	DIETN29.02TL OPENZ	EUR	0,8700	0,8700	0,8700			0,8700					
Certificate	NL0013008675	DIETN30.668L OPENB	EUR	0,6200	0,6200	0,6100			0,6100					
Certificate	DE000CV88RC2	DIETN32.16TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0013002116	DIETN32.668L OPENB	EUR	0,4200	0,4200	0,4100			0,4100					
Certificate	NL0013006265	DIETN38.75BS OPENB	EUR	0,3200	0,3300	0,3200			0,3300					
Certificate	DE000CD615E1	DIETN42.16TS OPENZ	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0012993000	DIETN42.73BS OPENB	EUR	0,7100	0,7300	0,7100			0,7300					
Certificate	NL0012993927	DIETN46.72BS OPENB	EUR	1,1100	1,1300	1,1100			1,1300					
Certificate	NL0013009210	DJAUT 380TL OPENB	EUR	14,3100	14,3100	14,3100			14,3100					
Certificate	NL0012989891	DJAUT 420TL OPENB	EUR	10,5000	10,5000	10,5000			10,5000					
Certificate	NL0012974513	DJAUT 459TL OPENB	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	NL0013015324	DJAUT 498TS OPENB	EUR											
Certificate	NL0013007826	DJAUT 538TS OPENB	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	NL0012975486	DJAUT 578TS OPENB	EUR	10,4000	10,4000	10,4000			10,4000					
Certificate	NL0012974018	DJAUT 618TS OPENB	EUR	14,5700	14,5700	14,5700			14,5700					
Certificate	NL0012790448	DJAUT 656TS OPENB	EUR	18,6100	18,6100	18,6100			18,6100					
Certificate	DE000CV8BD60	DJAUT 444.7L OPENZ	EUR	6,2700	6,2700	6,2700			6,2700					
Certificate	DE000CN6HK49	DJAUT368.2TL OPENZ	EUR	13,5200	13,8000	13,5200			13,8000					
Certificate	DE000CN6H4X4	DJAUT408.3TL OPENZ	EUR	9,5400	9,8100	9,5400			9,8100					
Certificate	DE000CV8B2Z0	DJAUT580.1TS OPENZ	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	DE000CE6CH30	DJAUT680.4TS OPENZ	EUR	17,6000	17,6000	17,6000			17,6000					
Certificate	DE0006075427	DJBKS PI OPENN	EUR	16,2100	16,2100	16,2100			16,2100					
Certificate	NL0012248447	DJBKS STN1022V	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	NL0012249429	DJBKS STN1022V	EUR											
Certificate	NL0011637012	DJBKS 76TL OPENB	EUR	7,4550	7,4550	7,4550			7,4550					
Certificate	NL0010133799	DJBKS 96TL OPENB	EUR	5,4650	5,4650	5,4650			5,4650					
Certificate	NL0013016827	DJBKS 116TL OPENB	EUR	3,4850	3,4850	3,4850			3,4850					
Certificate	NL0013145642	DJBKS 136TL OPENB	EUR	1,5350	1,5350	1,5350			1,5350					
Certificate	NL0013015316	DJBKS 150TS OPENB	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0011089156	DJBKS 191TS OPENB	EUR	4,9350	4,9350	4,9350			4,9350					
Certificate	NL0006280695	DJBKS 209TS OPENB	EUR	6,8250	6,8250	6,8250			6,8250					
Certificate	DE000CJ3PLW9	DJBKS 134.TL OPENZ	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	DE000CNG9E1	DJBKS105.5TL OPENZ	EUR	4,2050	4,2200	4,2050			4,2200					
Certificate	DE000CD63CJ0	DJBKS124.5TL OPENZ	EUR	2,3150	2,4200	2,3150	193,6000	1	2,3300	80				
Certificate	DE000CV8B748	DJBKS169.6TS OPENZ	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000CV883C7	DJBKS189.2TS OPENZ	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	DE000CE6C535	DJBKS209.1TS OPENZ	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	DE0006075310	DJCHM PI OPENN	EUR	88,6400	88,6400	88,6400			88,6400					
Certificate	NL0011535422	DJCHM 583TL OPENB	EUR	31,9650	31,9650	31,9650			31,9650					
Certificate	NL0010900726	DJCHM 625TL OPENB	EUR	27,9550	27,9550	27,9550			27,9550					
Certificate	NL0012120950	DJCHM 835TL OPENB	EUR	7,9750	7,9750	7,9750			7,9750					
Certificate	NL0013009582	DJCHM 919TS OPENB	EUR	9,2050	9,2050	9,2050			9,2050					
Certificate	NL0013007818	DJCHM 959TS OPENB	EUR	13,4050	13,4050	13,4050			13,4050					
Certificate	NL0012508444	DJCHM 999TS OPENB	EUR	17,5250	17,5250	17,5250			17,5250					
Certificate	DE000CE6CEL3	DJCHM 1036TS OPENZ	EUR	16,2800	16,2800	16,2800			16,2800					
Certificate	DE000CE6FAJ8	DJCHM 1205TS OPENZ	EUR	33,2200	33,2200	33,2200			33,2200					
Certificate	DE000CV87MV5	DJCHM647.5TL OPENZ	EUR	22,8500	22,8500	22,8500			22,8500					
Certificate	DE000CE6CDA8	DJCHM747.3TL OPENZ	EUR	12,9400	12,9400	12,9400			12,9400					
Certificate	DE000CJ3N757	DJCHM806.7TL OPENZ	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	DE000CE6CF55	DJEM LEVOPENZ	EUR	17,8150	17,8150	16,5250			16,5250					
Certificate	DE000CE6CFT3	DJEM LEVOPENZ	EUR	17,4050	17,8600	14,9350	4410,5000	3	14,9350	250				
Certificate	DE000CE6CFR7	DJEM LEVOPENZ	EUR	10,8800	10,8800	10,7500			10,7500					
Certificate	DE000CE6CFV9	DJEM SHROPENZ	EUR	0,3000	0,3510	0,3000			0,3510					
Certificate	DE000CE6CFU1	DJEM SHROPENZ	EUR	2,2030	2,3900	2,2030			2,3900					
Certificate	DE0006075419	DJFIN PI OPENN	EUR	44,6300	44,6300	44,6300			44,6300					
Certificate	DE000CJ3N4F4	DJFIN306.2TL OPENZ	EUR	15,2400	15,2400	15,2400			15,2400					
Certificate	DE000CE6CDB6	DJFIN376.6TL OPENZ	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	DE000CE6CEM1	DJFIN431.4TL OPENZ	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	DE000CJ3N0Z0	DJFIN528.7TS OPENZ	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	DE000CE6DNF4	DJFIN598.4TS OPENZ	EUR	14,1400	14,1400	14,1400			14,1400					
Certificate	DE0006075336	DJFOD PI OPENN	EUR	66,3500	66,3500	66,3500			66,3500					
Certificate	DE000CN6JS80	DJFOD492.8TL OPENZ	EUR	15,5100	15,5100	14,4900			14,4900					
Certificate	DE000CN6JSW4	DJFOD552.4TL OPENZ	EUR	9,5500	9,5500	8,5400			8,5400					
Certificate	DE000CV88A14	DJFOD602.5TL OPENZ	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	DE000CD62CG8	DJFOD726.5TS OPENZ	EUR	8,0800	9,0900	8,0800			9,0900					
Certificate	DE000CE6FA55	DJFOD845.9TS OPENZ	EUR	21,0300	21,0300	21,0300			21,0300					
Certificate	DE0006075351	DJGDS PI OPENN	EUR	57,0000	57,0000	57,0000			57,0000					
Certificate	NL0010900841	DJGDS 298TL OPENB	EUR	21,9500	21,9500	21,9500			21,9500					
Certificate	NL0013009228	DJGDS 426TL OPENB	EUR	9,6900	9,6900	9,6900			9,6900					
Certificate	NL0012121545	DJGDS 466TL OPENB	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	NL0013011646	DJGDS 519TS OPENB	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	NL0012700397	DJGDS 560TS OPENB	EUR	8,5800	8,5800	8,5800			8,5800					
Certificate	DE000CN6JS98	DJGDS313.9TL OPENZ	EUR	19,2000	19,2000	18,9550			18,9550					
Certificate	DE000CN6JTO6	DJGDS354.2TL OPENZ	EUR	15,1800	15,1800	14,9350			14,9350					
Certificate	DE000CE6BU26	DJGDS413.6TL OPENZ	EUR	9,2500	9,2500	9,0000			9,0000					
Certificate	DE000CJ3N4G2	DJGDS448.2TL OPENZ	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	DE000CE6C576	DJGDS583.3TS OPENZ	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	DE000CE6FAL4	DJGDS678.1TS OPENZ	EUR	17,6200	17,6200	17,6200			17,6200					
Certificate	DE0006075344	DJHLT PI OPENN	EUR	67,8500	67,8500	67,8500			67,8500					
Certificate	NL0010001178	DJHLT 282TL OPENB	EUR	46,8950	46,8950	46,8950			46,8950					
Certificate	NL0010437422	DJHLT 448TL OPENB	EUR	31,0650	31,0650	31,0650			31,0650					
Certificate	NL0010606869	DJHLT 511TL OPENB	EUR	25,0400	25,0400	25,0400			25,0400					
Certificate	NL0010900783	DJHLT 541TL OPENB	EUR	22,2300	22,2300	22,2300			22,2300					
Certificate	NL0011649934	DJHLT 626TL OPENB	EUR	14,1200	14,1200	14,1200			14,1200					
Certificate	NL0012786610	DJHLT 666TL OPENB	EUR	10,2500	10,2500	10,2500			10,2500					
Certificate	NL0012980346	DJHLT 775TS OPENB	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000CN6JQG1	DJHLT492.1TL OPENZ	EUR	25,8200	25,8200	24,6200			24,6200					
Certificate	DE000CN6HDC2	DJHLTS56.9TL OPENZ	EUR	19,3450	19,3450	18,1550			18,1550					
Certificate	DE000CN6GA75	DJHLT617.4TL OPENZ	EUR	13,3050	13,3050	12,1050			12,1050					
Certificate	DE000CV88AF1	DJHLT667.4TL OPENZ	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	DE000CN6G8M9	DJHLT827.3TS OPENZ	EUR	7,9500	9,1400	7,9500			9,1400					
Certificate	DE000CE6D1C7	DJHLT968.7TS OPENZ	EUR	23,2700	23,2700	23,2700			23,2700					
Certificate	DE000VN61Y97	DJI LEVOPENV	EUR	10,6200	11,4300	8,3500	29092,3000	8	8,3500	2553				
Certificate	DE000VA234Y9	DJI LEVOPENV	EUR	4,9600	4,9600	4,9600			4,9600					
Certificate	DE000VA545X0	DJI LEVOPENV	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	DE000VN61Y71	DJI LEVOPENV	EUR	27,2600	27,2600	27,2600			27,2600					
Certificate	DE000VA234X1	DJI LEVOPENV	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	DE000VN61Y89	DJI LEVOPENV	EUR	24,9600	24,9600	24,9600			24,9600					
Certificate	DE000VN61ZA3	DJI SHROPENV	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	DE000VA545Y8	DJI SHROPENV	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	DE000VN61ZC9	DJI SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN61ZB1	DJI SHROPENV	EUR	0,0550	0,0550	0,0550			0,0550					
Certificate	DE000VA234Z6	DJI SHROPENV	EUR	1,9250	1,9250	1,9250			1,9250					
Certificate	NL0006467516	DIIND 2340TL OPENB	EUR	201,2000	201,2000	201,2000			201,2000					
Certificate	NL0009175637	DIIND 6480TL OPENB	EUR	165,8200	165,8200	165,8200			165,8200					
Certificate	NL0009992874	DIIND10270TL OPENB	EUR	133,4300	133,4300	133,4300			133,4300					
Certificate	NL0010125738	DIIND11440TL OPENB	EUR	123,4600	123,4600	123,4600			123,4600					
Certificate	DE000C27DMV6	DIIND12269TL OPENZ	EUR	117,8250	117,8250	114,7400			114,7400					
Certificate	NL0010281473	DIIND12330TL OPENB	EUR	115,8700	115,8700	115,8700			115,8700					
Certificate	DE000C9M2X5	DIIND12456TL OPENC	EUR	11,1000	11,1000	11,1000			11,1000					
Certificate	DE000CN6HSA4	DIIND13439TL OPENZ	EUR	107,6850	107,6850	104,5650			104,5650					
Certificate	NL0011596911	DIIND13628TRLOPENH	EUR	101,5700	101,5700	101,5700			101,5700					
Certificate	NL0010288551	DIIND13790TL OPENB	EUR	103,3400	103,3400	103,3400			103,3400					
Certificate	DE000CX0H732	DIIND13880TL OPENC	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	DE000CF3APF1	DIIND13881TL OPENC	EUR	9,7900	9,7900	9,7900			9,7900					
Certificate	NL0011412317	DIIND14310TL OPENH	EUR	98,0100	98,0100	98,0100			98,0100					
Certificate	DE000CX01888	DIIND14409TL OPENC	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	DE000C27DMZ7	DIIND14529TL OPENZ	EUR	98,2350	98,2350	95,0850			95,0850					
Certificate	DE000CF505E2	DIIND14722TL OPENC	EUR	9,0200	9,0200	9,0200			9,0200					
Certificate	NL0010519088	DIIND14770TL OPENB	EUR	94,9900	94,9900	94,9900			94,9900					
Certificate	NL0011595053	DIIND14950TL OPENH	EUR	92,4800	92,4800	92,4800			92,4800					
Certificate	NL0010519401	DIIND15060TL OPENB	EUR	92,5300	92,5300	92,5300			92,5300					
Certificate	NL0011038484	DIIND15060TL OPENH	EUR	91,5300	91,5300	91,5300			91,5300					
Certificate	DE000C27DY24	DIIND15419TL OPENZ	EUR	90,5500	90,5500	87,3700			87,3700					
Certificate	DE000CX0KNT0	DIIND15434TL OPENC	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	DE000CX0KP02	DIIND15490TL OPENC	EUR	8,4800	8,4800	8,4800			8,4800					
Certificate	NL0011602941	DIIND15720TL OPENH	EUR	85,8400	85,8400	85,8400			85,8400					
Certificate	DE000C27DY32	DIIND15869TL OPENZ	EUR	86,6350	86,6350	83,4450			83,4450					
Certificate	NL0011602917	DIIND15890TL OPENH	EUR	84,4200	84,4200	84,4200			84,4200					
Certificate	DE000CX00F29	DIIND15955TL OPENC	EUR	7,8800	7,8800	7,8800			7,8800					
Certificate	DE000CR9QGX2	DIIND16176TL OPENZ	EUR	82,6450	82,6450	79,4600			79,4600					
Certificate	NL0011700786	DIIND16440TL OPENH	EUR	79,7000	79,7000	79,7000			79,7000					
Certificate	DE000CX00L22	DIIND16507TL OPENC	EUR	7,3700	7,3700	7,3700			7,3700					
Certificate	DE000CX00LJ1	DIIND16580TL OPENC	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	DE000CN6HYJ3	DIIND16729TL OPENZ	EUR	77,8100	77,8100	74,6100			74,6100					
Certificate	NL0011660006	DIIND16880TL OPENB	EUR	76,9800	76,9800	76,9800			76,9800					
Certificate	DE000CN6K768	DIIND16949TL OPENZ	EUR	77,2850	77,2850	74,0600			74,0600					
Certificate	DE000CX00W86	DIIND17006TL OPENC	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	NL0012905996	DIIND17055TRLOPENH	EUR	71,4800	71,4800	71,4800			71,4800					
Certificate	DE000CX00WG4	DIIND17080TL OPENC	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	NL0011715982	DIIND17080TL OPENH	EUR	74,1300	74,1300	74,1300			74,1300					
Certificate	DE000CJ3PM55	DIIND17500TL 1218Z	EUR	7,0400	7,0400	6,7200			6,7200					
Certificate	DE000CX0KZT4	DIIND17500TL OPENC	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	NL0011893300	DIIND17730TL OPENH	EUR	68,5300	68,5300	68,5300			68,5300					
Certificate	DE000CN6KCW6	DIIND17813TL OPENZ	EUR	68,3200	68,3200	65,0800			65,0800					
Certificate	NL0011894084	DIIND17840TL OPENH	EUR	67,6000	67,6000	67,6000			67,6000					
Certificate	DE000CX59LU4	DIIND18000TL OPENC	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	DE000CD61W37	DIIND18019TL OPENZ	EUR	68,0850	68,0850	64,8300			64,8300					
Certificate	DE000CN6KK28	DIIND18079TL OPENZ	EUR	65,9900	65,9900	62,7400			62,7400					
Certificate	DE000CD61U39	DIIND18343TL OPENZ	EUR	63,6750	63,6750	60,4200			60,4200					
Certificate	NL0011993100	DIIND18470TL OPENH	EUR	62,1500	62,1500	62,1500			62,1500					
Certificate	DE000CX59RP1	DIIND18500TL OPENC	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CD626J7	DIIND18875TL OPENZ	EUR	59,0200	59,0200	55,7500			55,7500					
Certificate	DE000CX59Y68	DIIND19000TL OPENC	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	DE000CX59Z34	DIIND19000TL OPENC	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	DE000CD63N77	DIIND19079TL OPENZ	EUR	58,9300	58,9300	55,6450			55,6450					
Certificate	NL0011997234	DIIND19110TL OPENH	EUR	56,6300	56,6300	56,6300			56,6300					
Certificate	NL0011738653	DIIND19120TS OPENH	EUR											
Certificate	NL0011737515	DIIND19134TRSOPEH	EUR											
Certificate	NL0011737945	DIIND19134TRSOPEH	EUR											
Certificate	NL0011740071	DIIND19135TRSOPEH	EUR											
Certificate	DE000CD63M94	DIIND19138TL OPENZ	EUR	56,7150	56,7150	53,4400			53,4400					
Certificate	NL0012035828	DIIND19142BL OPENB	EUR	53,4900	53,4900	53,4900			53,4900					
Certificate	NL0011997739	DIIND19220TL OPENH	EUR	55,7300	55,7300	55,7300			55,7300					
Certificate	NL0012038962	DIIND19330TL OPENB	EUR	56,0500	56,0500	56,0500			56,0500					
Certificate	DE000CV8A8H6	DIIND19500TL 1218Z	EUR	5,3000	5,3000	4,9750			4,9750					
Certificate	DE000CV50PC0	DIIND19500TL OPENC	EUR	4,8700	4,8700	4,8700			4,8700					



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	DE000CQ58LY1	DJIND19500TL OPENC	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	DE000CY0ASU7	DJIND19500TL OPENC	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	DE000CY0AV53	DJIND19500TL OPENC	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	DE000CX018A2	DJIND19555TS OPENC	EUR											
Certificate	NL0012050306	DJIND19590TL OPENH	EUR	52,4800	52,4800	52,4800				52,4800				
Certificate	DE000CD63MB6	DJIND19663TL OPENZ	EUR	52,1200	52,1200	48,8300				48,8300				
Certificate	NL0012050272	DJIND19750TL OPENH	EUR	51,1100	51,1100	51,1100				51,1100				
Certificate	NL0012051262	DJIND19860TL OPENH	EUR	50,2100	50,2100	50,2100				50,2100				
Certificate	NL0012849954	DJIND19908TRL OPENH	EUR	46,4100	46,4100	46,4100				46,4100				
Certificate	DE000CQ5AXF7	DJIND20000TL OPENC	EUR	4,3200	4,3200	4,3200				4,3200				
Certificate	DE000CY0AZX6	DJIND20000TL OPENC	EUR	4,3700	4,3700	4,3700				4,3700				
Certificate	DE000CY16BG2	DJIND20000TL OPENC	EUR	4,0700	4,0700	4,0700				4,0700				
Certificate	NL0012052096	DJIND20020TL OPENH	EUR	48,8700	48,8700	48,8700				48,8700				
Certificate	DE000CD644H4	DJIND20129TL OPENZ	EUR	49,8350	49,8350	46,5150				46,5150				
Certificate	DE000CD63ZV6	DJIND20183TL OPENZ	EUR	47,5750	47,5750	44,2700				44,2700				
Certificate	NL0013082233	DJIND20394TRL OPENH	EUR	42,1600	42,1600	42,1600				42,1600				
Certificate	DE000CD64177	DJIND20436TL OPENZ	EUR	45,3650	45,3650	42,0500				42,0500				
Certificate	DE000CY501M1	DJIND20500TL OPENC	EUR	3,6400	3,6400	3,6400				3,6400				
Certificate	DE000CY16TV3	DJIND20500TL OPENC	EUR	3,9400	3,9400	3,9400				3,9400				
Certificate	DE000CE6BKJ6	DJIND20541TL OPENZ	EUR	4,4450	4,4450	4,1150				4,1150				
Certificate	DE000CD643P9	DJIND20694TL OPENZ	EUR	43,1000	43,1000	39,7800				39,7800				
Certificate	NL0012180657	DJIND20713TRL OPENH	EUR	39,3400	39,3400	39,3400				39,3400				
Certificate	NL0013082225	DJIND20946TRL OPENH	EUR	37,3000	37,3000	37,3000				37,3000				
Certificate	DE000CE6BHN4	DJIND20949TL OPENZ	EUR	40,8750	40,8750	37,5450				37,5450				
Certificate	DE000CY50HA1	DJIND21000TL OPENC	EUR	3,4900	3,4900	3,4900				3,4900				
Certificate	DE000CY50GJ4	DJIND21000TL OPENC	EUR	3,2200	3,2200	3,2200				3,2200				
Certificate	NL0012564249	DJIND21040TL OPENH	EUR	40,0500	40,0500	40,0500				40,0500				
Certificate	NL0013080765	DJIND21105TRL OPENH	EUR	35,8800	35,8800	35,8800				35,8800				
Certificate	DE000CE6CQB8	DJIND21169TL OPENZ	EUR	40,8400	40,8400	37,4950	2039,5000	1		37,4950	50			
Certificate	NL0012272397	DJIND21220TL OPENB	EUR	39,8500	39,8500	39,8500				39,8500				
Certificate	NL0013082217	DJIND21297TRL OPENH	EUR	37,8400	37,8400	34,2200	22704,0000	4		34,2200	600			
Certificate	DE000CE6BQ63	DJIND21422TL OPENZ	EUR	3,6750	3,6750	3,3350				3,3350				
Certificate	NL0012308720	DJIND21463TRL OPENH	EUR	32,7400	32,7400	32,7400				32,7400				
Certificate	DE000VA3ZU86	DJIND21500TL 1218V	EUR	3,2050	3,2050	3,2050				3,2050				
Certificate	DE000CJ3NUU9	DJIND21500TL 1218Z	EUR	3,5600	3,5600	3,2250				3,2250				
Certificate	DE000CY50SS0	DJIND21500TL OPENC	EUR	2,7900	2,7900	2,7900				2,7900				
Certificate	DE000CY50T89	DJIND21500TL OPENC	EUR	3,0600	3,0600	3,0600				3,0600				
Certificate	DE000VL8XEL3	DJIND21563TL OPENV	EUR	29,5150	29,5150	29,5150				29,5150				
Certificate	DE000CE6DGS1	DJIND21669TL OPENZ	EUR	3,4550	3,4550	3,1250				3,1250				
Certificate	NL0012314264	DJIND21673TRL OPENH	EUR	30,8900	30,8900	30,8900				30,8900				
Certificate	DE000VA3ZVA9	DJIND21750TL 1218V	EUR	2,9850	2,9850	2,9850				2,9850				
Certificate	DE000VL8XEM1	DJIND21813TL OPENV	EUR	27,2650	27,2650	27,2650				27,2650				
Certificate	NL0012368252	DJIND21887TRL OPENH	EUR	29,0100	29,0100	29,0100				29,0100				
Certificate	NL0012555239	DJIND21900TL OPENH	EUR	32,6500	32,6500	32,6500				32,6500				
Certificate	NL0012520084	DJIND21926TRL OPENH	EUR											
Certificate	DE000CE6DLG6	DJIND21930TL OPENZ	EUR	3,2300	3,2300	2,8950				2,8950				
Certificate	NL0012520076	DJIND21936TRL OPENH	EUR											
Certificate	NL0012520068	DJIND21946TRL OPENH	EUR											
Certificate	NL0012494363	DJIND21950TL OPENB	EUR	33,6300	33,6300	33,6300				33,6300				
Certificate	NL0012520050	DJIND21956TRL OPENH	EUR											
Certificate	NL0012281661	DJIND21986BL OPENB	EUR	28,6900	28,6900	28,6900				28,6900				
Certificate	DE000VA3ZVC5	DJIND22000TL 1218V	EUR	2,7750	2,7750	2,7750				2,7750				
Certificate	DE000CY51LD5	DJIND22000TL OPENC	EUR	2,3500	2,3500	2,3500				2,3500				
Certificate	DE000CY51NC3	DJIND22000TL OPENC	EUR	2,6300	2,6300	2,6300				2,6300				
Certificate	NL0013082209	DJIND22048TRL OPENH	EUR	27,6100	27,6100	27,6100				27,6100				
Certificate	NL0013008196	DJIND22057BL OPENB	EUR	28,0600	28,0600	28,0600				28,0600				
Certificate	DE000VL8XEN9	DJIND22063TL OPENV	EUR	25,0150	25,0150	25,0150				25,0150				
Certificate	NL0013127756	DJIND22108TRL OPENH	EUR	27,0700	27,0700	27,0700				27,0700				
Certificate	NL0013127749	DJIND22158TRL OPENH	EUR	26,6500	26,6500	26,6500				26,6500				
Certificate	NL0012495444	DJIND22160TL OPENB	EUR	31,8500	31,8500	31,8500				31,8500				
Certificate	DE000CE6E0H7	DJIND22183TL OPENZ	EUR	3,0050	3,0050	2,6750				2,6750				
Certificate	DE000CE6E697	DJIND22209TL OPENZ	EUR	31,8150	31,8150	28,4400				28,4400				
Certificate	NL0012905988	DJIND22228TRL OPENH	EUR	26,0300	26,0300	26,0300				26,0300				
Certificate	DE000VA8F1L2	DJIND22250TL 0319V	EUR	2,5750	2,5750	2,5750				2,5750				
Certificate	DE000VA3ZVE1	DJIND22250TL 1218V	EUR	2,5550	2,5550	2,5550				2,5550				
Certificate	DE000VL8XEP4	DJIND22313TL OPENV	EUR	25,5400	25,5400	22,7550	2554,0000	1		22,7550	100			
Certificate	NL0013125065	DJIND22326TRL OPENH	EUR	25,1500	25,1500	25,1500				25,1500				
Certificate	NL0013082795	DJIND22396TRL OPENH	EUR	24,5400	24,5400	24,5400				24,5400				
Certificate	DE000CE6ES92	DJIND22435TL OPENZ	EUR	2,7850	2,7850	2,4550				2,4550				
Certificate	NL0013125057	DJIND22476TRL OPENH	EUR	23,8500	23,8500	23,8500				23,8500				
Certificate	DE000VA71U94	DJIND22500TL 0319V	EUR	2,3550	2,3550	2,3550				2,3550				
Certificate	DE000VA3ZVF8	DJIND22500TL 1218V	EUR	2,3350	2,3350	2,3350				2,3350				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3PMT3	DJIND22500TL 1218Z	EUR	2,6850	2,6850	2,3450			2,3450					
Certificate	DE000CY51W26	DJIND22500TL OPENC	EUR	2,3500	2,3500	1,9100	1573,3200	5	1,9100	723				
Certificate	DE000CY51WL5	DJIND22500TL OPENC	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	NL0012555205	DJIND22520TL OPENH	EUR	27,3100	27,3100	27,3100			27,3100					
Certificate	NL0012498834	DJIND22550TL OPENB	EUR	28,5100	28,5100	28,5100			28,5100					
Certificate	NL0012519573	DJIND22551TRL OPENH	EUR	23,2000	23,2000	23,2000			23,2000					
Certificate	NL0013008188	DJIND22559BL OPENB	EUR	23,6600	23,6600	23,6600			23,6600					
Certificate	DE000VL8XEQ2	DJIND22563TL OPENV	EUR	20,5050	20,5050	20,5050			20,5050					
Certificate	NL0012519862	DJIND22569TRL OPENH	EUR	23,0200	23,0200	23,0200			23,0200					
Certificate	NL0013125040	DJIND22627TRL OPENH	EUR	22,5300	22,5300	22,5300			22,5300					
Certificate	NL0013125032	DJIND22677TRL OPENH	EUR	22,0800	22,0800	22,0800			22,0800					
Certificate	DE000CE6ETX2	DJIND22682TL OPENZ	EUR	2,5750	2,5750	2,2350			2,2350					
Certificate	NL0013125024	DJIND22727TRL OPENH	EUR	21,6400	21,6400	21,6400			21,6400					
Certificate	DE000VA71MY7	DJIND22750TL 0319V	EUR	2,1350	2,1350	2,1350			2,1350					
Certificate	DE000VA32VH4	DJIND22750TL 1218V	EUR	2,1150	2,1150	2,1150			2,1150					
Certificate	NL0013008170	DJIND22759BL OPENB	EUR	21,9000	21,9000	21,9000			21,9000					
Certificate	NL0012905970	DJIND22781TRL OPENH	EUR	21,1700	21,1700	21,1700			21,1700					
Certificate	NL0012501423	DJIND22814BL OPENB	EUR	25,9700	25,9800	21,4200	5194,0000	1	21,4200	200				
Certificate	DE000VL61TS2	DJIND22831TL OPENV	EUR	18,3350	18,3350	18,3350			18,3350					
Certificate	NL0013083355	DJIND22893TRL OPENH	EUR	20,1800	20,1800	20,1800			20,1800					
Certificate	NL0012555189	DJIND22930TL OPENH	EUR	27,5100	27,5100	23,7700	2751,0000	1	23,7700	100				
Certificate	DE000CE6F066	DJIND22937TL OPENZ	EUR	2,3500	2,3500	2,0150			2,0150					
Certificate	NL0013082787	DJIND22947TRL OPENH	EUR	19,7100	19,7100	19,7100			19,7100					
Certificate	NL0013008162	DJIND22960BL OPENB	EUR	20,1400	20,1400	20,1400			20,1400					
Certificate	NL0012502405	DJIND22980TL OPENB	EUR	24,8800	24,8800	24,8800			24,8800					
Certificate	DE000VA71M37	DJIND23000TL 0319V	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	DE000VA32VL6	DJIND23000TL 1218V	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	DE000CY52038	DJIND23000TL OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	DE000CY51Y65	DJIND23000TL OPENC	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0012860860	DJIND23020TL OPENH	EUR	22,9600	22,9600	22,9600			22,9600					
Certificate	LU1840977703	DJIND23030TCI OPENS	EUR	18,6300	18,6300	18,6300			18,6300					
Certificate	NL0013087562	DJIND23030TRL OPENH	EUR	19,0100	19,0100	19,0100			19,0100					
Certificate	DE000VL8XH95	DJIND23065TL OPENV	EUR	16,0550	16,0550	16,0550			16,0550					
Certificate	NL0012535405	DJIND23082TRL OPENH	EUR	18,5400	18,5400	18,5400			18,5400					
Certificate	NL0013083348	DJIND23144TRL OPENH	EUR	17,9900	17,9900	17,9900			17,9900					
Certificate	DE000CE6F1K8	DJIND23184TL OPENZ	EUR	2,1350	2,1500	1,7950	3010,0000	1	1,7950	1400				
Certificate	NL0012535306	DJIND23229TRL OPENH	EUR	17,2700	17,2700	17,2700			17,2700					
Certificate	NL0012777627	DJIND23232BL OPENB	EUR	17,7500	17,7500	17,7500			17,7500					
Certificate	DE000CE6F4Y3	DJIND23249TL OPENZ	EUR	22,8600	22,8600	19,4550			19,4550					
Certificate	DE000VA71M86	DJIND23250TL 0319V	EUR	1,6950	1,6950	1,6950			1,6950					
Certificate	DE000VA32VM4	DJIND23250TL 1218V	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	NL0012535272	DJIND23260TRL OPENH	EUR	16,9800	16,9800	16,9800			16,9800					
Certificate	NL0013127731	DJIND23288TRL OPENH	EUR	16,7400	16,7400	16,7400			16,7400					
Certificate	NL0012269658	DJIND23300BOC1218B	EUR	202,3000	204,0000	202,3000			204,0000					
Certificate	NL0013083330	DJIND23345TRL OPENH	EUR	16,2600	16,2600	16,2600			16,2600					
Certificate	NL0012543581	DJIND23347TRL OPENH	EUR											
Certificate	DE000VL97RH3	DJIND23353TL OPENV	EUR	13,7950	13,7950	13,7950			13,7950					
Certificate	NL0012543573	DJIND23358TRL OPENH	EUR											
Certificate	NL0012543565	DJIND23368TRL OPENH	EUR											
Certificate	NL0012509103	DJIND23370TL OPENB	EUR	21,4800	21,4800	21,4800			21,4800					
Certificate	NL0012543557	DJIND23378TRL OPENH	EUR											
Certificate	NL0012543540	DJIND23388TRL OPENH	EUR											
Certificate	NL0012543532	DJIND23398TRL OPENH	EUR											
Certificate	NL0012573315	DJIND23400TL OPENH	EUR											
Certificate	NL0012543524	DJIND23408TRL OPENH	EUR											
Certificate	NL0012610711	DJIND23410TRL OPENH	EUR	15,6700	15,6700	15,6700			15,6700					
Certificate	NL0012543516	DJIND23418TRL OPENH	EUR											
Certificate	NL0012543508	DJIND23429TRL OPENH	EUR											
Certificate	DE000CE6F4T3	DJIND23440TL OPENZ	EUR	1,9100	1,9100	1,5750			1,5750					
Certificate	NL0012511711	DJIND23441BL OPENB	EUR	15,9100	15,9100	15,9100			15,9100					
Certificate	NL0012573091	DJIND23444TRL OPENH	EUR											
Certificate	NL0013125016	DJIND23447TRL OPENH	EUR	15,3800	15,3800	15,3800			15,3800					
Certificate	NL0012607428	DJIND23450TL OPENH	EUR	19,2400	19,2400	19,2400			19,2400					
Certificate	NL0012573083	DJIND23454TRL OPENH	EUR											
Certificate	NL0012573075	DJIND23464TRL OPENH	EUR											
Certificate	NL0013125008	DJIND23467TRL OPENH	EUR	15,1700	15,1700	15,1700			15,1700					
Certificate	NL0012573067	DJIND23474TRL OPENH	EUR											
Certificate	NL0012573059	DJIND23485TRL OPENH	EUR											
Certificate	NL0013085798	DJIND23487TRL OPENH	EUR	15,0000	15,0000	15,0000			15,0000					
Certificate	NL0012573042	DJIND23495TRL OPENH	EUR											
Certificate	LU1859828235	DJIND23500TCI OPENS	EUR	14,8800	14,8800	14,8800			14,8800					
Certificate	DE000VA77BB3	DJIND23500TL 0319V	EUR	1,4850	1,4850	1,4850			1,4850					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA3ZVP7	DJIND23500TL 1218V	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	DE000CV8AC21	DJIND23500TL 1218Z	EUR	1,8150	1,8150	1,4750			1,4750					
Certificate	DE000CQ5AXG5	DJIND23500TL OPENC	EUR	1,1900	1,1900	1,1700	297,5000	1	1,1700	250				
Certificate	DE000CQ5AXT8	DJIND23500TL OPENC	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	NL0012573307	DJIND23500TL OPENH	EUR											
Certificate	NL0012573034	DJIND23505TRLOPENH	EUR											
Certificate	NL0012520043	DJIND23506TRSOPEH	EUR											
Certificate	NL0012573026	DJIND23515TRLOPENH	EUR											
Certificate	NL0012520035	DJIND23516TRSOPEH	EUR											
Certificate	NL0012573018	DJIND23525TRLOPENH	EUR											
Certificate	NL0012520027	DJIND23526TRSOPEH	EUR											
Certificate	NL0012599575	DJIND23533TRLOPENH	EUR											
Certificate	NL0012611180	DJIND23540TRLOPENH	EUR	14,5400	14,5400	14,5400			14,5400					
Certificate	NL0012599567	DJIND23543TRLOPENH	EUR											
Certificate	NL0012599559	DJIND23553TRLOPENH	EUR											
Certificate	NL0012599542	DJIND23563TRLOPENH	EUR											
Certificate	NL0013124993	DJIND23567TRLOPENH	EUR	14,3100	14,3100	14,3100			14,3100					
Certificate	NL0012599534	DJIND23573TRLOPENH	EUR											
Certificate	NL0012599526	DJIND23583TRLOPENH	EUR											
Certificate	NL0012599518	DJIND23593TRLOPENH	EUR											
Certificate	NL0013083322	DJIND23595TRLOPENH	EUR	14,0700	14,0700	14,0700			14,0700					
Certificate	NL0012599740	DJIND23600TL OPENC	EUR											
Certificate	NL0012599500	DJIND23603TRLOPENH	EUR											
Certificate	NL0012512859	DJIND23610TL OPENC	EUR	23,0300	23,0400	19,4700	230,3000	1	19,4700	10				
Certificate	NL0012599492	DJIND23613TRLOPENH	EUR											
Certificate	NL0012599484	DJIND23623TRLOPENH	EUR											
Certificate	NL0013124985	DJIND23627TRLOPENH	EUR	13,7700	13,7700	13,7700			13,7700					
Certificate	NL0012599476	DJIND23633TRLOPENH	EUR											
Certificate	NL0012599468	DJIND23643TRLOPENH	EUR											
Certificate	NL0013124977	DJIND23648TRLOPENH	EUR	13,6000	13,6000	13,6000			13,6000					
Certificate	NL0012599450	DJIND23653TRLOPENH	EUR											
Certificate	NL0012599443	DJIND23663TRLOPENH	EUR											
Certificate	DE000VA1ZCP1	DJIND23664TL OPENC	EUR	11,6250	11,6250	11,6250			11,6250					
Certificate	NL0012599435	DJIND23673TRLOPENH	EUR											
Certificate	NL0012599427	DJIND23683TRLOPENH	EUR											
Certificate	NL0012608723	DJIND23683TRLOPENH	EUR	13,3100	13,3100	13,3100			13,3100					
Certificate	DE000CE6FP57	DJIND23685TL OPENC	EUR	1,6950	1,6950	1,3550			1,3550					
Certificate	NL0012599419	DJIND23693TRLOPENH	EUR											
Certificate	NL0012599732	DJIND23700TL OPENC	EUR											
Certificate	NL0012599401	DJIND23703TRLOPENH	EUR											
Certificate	NL0013124969	DJIND23708TRLOPENH	EUR	13,0700	13,0700	13,0700			13,0700					
Certificate	NL0012599393	DJIND23713TRLOPENH	EUR											
Certificate	NL0013083314	DJIND23745TRLOPENH	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	DE000VA7PWN2	DJIND23750TL 0319V	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	DE000VA4YPM7	DJIND23750TL 1218V	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000VA321P4	DJIND23750TL 1218V	EUR											
Certificate	NL0013124951	DJIND23768TRLOPENH	EUR	12,5500	12,5500	12,5500			12,5500					
Certificate	NL0012779656	DJIND23770TL OPENC	EUR											
Certificate	NL0013127723	DJIND23788TRLOPENH	EUR	12,3900	12,3900	12,3900			12,3900					
Certificate	NL0013016801	DJIND23810TL OPENC	EUR	16,8200	16,8200	13,8500	3364,0000	1	13,8500	200				
Certificate	NL0012602072	DJIND23812TRLOPENH	EUR	12,1600	12,1600	12,1600			12,1600					
Certificate	NL0012605489	DJIND23817TRLOPENH	EUR											
Certificate	NL0012604037	DJIND23837TRLOPENH	EUR											
Certificate	NL0013124944	DJIND23848TRLOPENH	EUR	11,8500	11,8500	11,8500			11,8500					
Certificate	NL0013124936	DJIND23868TRLOPENH	EUR	11,6900	11,6900	11,6900			11,6900					
Certificate	NL0013082191	DJIND23873TRLOPENH	EUR	11,6400	11,6400	11,6400			11,6400					
Certificate	NL0012788244	DJIND23883BL OPENC	EUR	11,4500	12,1600	11,4500	4722,0000	2	12,0300	400				
Certificate	DE000VA15MK3	DJIND23888TL OPENC	EUR	9,4950	9,4950	9,4950			9,4950					
Certificate	NL0013082183	DJIND23893TRLOPENH	EUR	11,4500	11,4500	11,4500			11,4500					
Certificate	NL0012611289	DJIND23900TL OPENC	EUR											
Certificate	NL0012846794	DJIND23920TL OPENC	EUR	15,2100	15,2100	15,2100			15,2100					
Certificate	NL0012847461	DJIND23926TRLOPENH	EUR	11,1900	11,1900	11,1900			11,1900					
Certificate	DE000CV88822	DJIND23933TL OPENC	EUR	1,4800	1,4800	1,1450			1,1450					
Certificate	NL0013082175	DJIND23943TRLOPENH	EUR	11,0300	11,0300	11,0300			11,0300					
Certificate	NL0013125826	DJIND23958TRLOPENH	EUR	10,9100	10,9100	10,9100			10,9100					
Certificate	NL0013124928	DJIND23968TRLOPENH	EUR	10,8000	10,8000	10,8000			10,8000					
Certificate	NL0012780241	DJIND23970TL OPENC	EUR											
Certificate	NL0013082167	DJIND23973TRLOPENH	EUR	10,7600	10,7600	10,7600			10,7600					
Certificate	NL0013082159	DJIND23993TRLOPENH	EUR	10,5800	10,5800	10,5000	18927,0000	4	10,5700	1800				
Certificate	DE000VA7PQB9	DJIND24000TL 0319V	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	DE000VA323Z9	DJIND24000TL 1218V	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000CQ581Q4	DJIND24000TL 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	DE000CQ58NM2	DJIND24000TL OPENC	EUR											
Certificate	DE000CQ58AV0	DJIND24000TL OPENC	EUR											
Certificate	NL0013016819	DJIND24010TL OPENB	EUR	15,2200	15,2300	12,1100	304,4000	1	12,1100	20				
Certificate	NL0013082142	DJIND24014TRLOPENH	EUR	10,4300	10,4300	10,4300				10,4300				
Certificate	LU1840977885	DJIND24030TCIOPENS	EUR	13,2800	13,9600	9,8800	5250,6500	9	9,9100	480				
Certificate	NL0013129190	DJIND24041TRLOPENH	EUR	10,1700	10,1700	10,1700				10,1700				
Certificate	NL0012847347	DJIND24049TRLOPENH	EUR	10,1200	10,1200	10,1200				10,1200				
Certificate	NL0013087554	DJIND24071TRLOPENH	EUR	9,9100	9,9100	9,9100				9,9100				
Certificate	NL0013082134	DJIND24074TRLOPENH	EUR	9,8900	9,8900	9,8900				9,8900				
Certificate	NL0012789309	DJIND24078BL OPENB	EUR	14,9000	14,9000	9,6800	14055,9500	7	10,3200	995				
Certificate	NL0013082498	DJIND24090TL OPENH	EUR	13,7900	13,7900	13,7900				13,7900				
Certificate	NL0013082126	DJIND24104TRLOPENH	EUR	9,6300	9,6300	9,6300				9,6300				
Certificate	NL0013082118	DJIND24124TRLOPENH	EUR	9,4700	9,4700	9,4700				9,4700				
Certificate	NL0013082100	DJIND24133TRLOPENH	EUR											
Certificate	NL0013128739	DJIND24144TRLOPENH	EUR	9,3000	9,3000	9,3000				9,3000				
Certificate	NL0013087547	DJIND24161TRLOPENH	EUR											
Certificate	NL0012848196	DJIND24168TRLOPENH	EUR											
Certificate	DE000CJ3PTZ5	DJIND24183TL OPENZ	EUR	1,2650	1,2650	0,9250	3330,0000	2	0,9250	3000				
Certificate	NL0013128721	DJIND24184TRLOPENH	EUR	8,9500	8,9500	8,9500				8,9500				
Certificate	NL0013082092	DJIND24184TRLOPENH	EUR											
Certificate	DE000VA3Z5H2	DJIND24197TL OPENV	EUR											
Certificate	NL0013128713	DJIND24204TRLOPENH	EUR	8,7600	8,7600	8,7600				8,7600				
Certificate	NL0013082084	DJIND24204TRLOPENH	EUR											
Certificate	NL0013145600	DJIND24210TL OPENB	EUR	14,1300	14,1300	10,5200	24280,0000	4	10,5200	1800				
Certificate	NL0013017874	DJIND24210TL OPENB	EUR											
Certificate	NL0013082076	DJIND24224TRLOPENH	EUR											
Certificate	NL0013128705	DJIND24224TRLOPENH	EUR	8,6100	8,6100	8,6100				8,6100				
Certificate	NL0012778922	DJIND24240TS OPENB	EUR											
Certificate	NL0013128697	DJIND24244TRLOPENH	EUR	8,4300	8,4300	8,4300				8,4300				
Certificate	NL0013125818	DJIND24247TRLOPENH	EUR											
Certificate	DE000CJ3PT90	DJIND24249TL OPENZ	EUR	14,1800	14,1800	10,7500				10,7500				
Certificate	DE000VA80HQ4	DJIND24250TL 0319V	EUR											
Certificate	DE000VA7PQF0	DJIND24250TL 0319V	EUR											
Certificate	DE000VA80HK7	DJIND24250TL 1218V	EUR											
Certificate	DE000VA3Z5C3	DJIND24250TL 1218V	EUR											
Certificate	NL0013128689	DJIND24254TRLOPENH	EUR	8,3500	8,3500	8,3500				8,3500				
Certificate	NL0012863138	DJIND24256TRLOPENH	EUR											
Certificate	DE000CV89XZ9	DJIND24259TL OPENZ	EUR											
Certificate	NL0013083306	DJIND24276TRLOPENH	EUR											
Certificate	LU1859828318	DJIND24280TCIOPENS	EUR											
Certificate	NL0013082068	DJIND24284TRLOPENH	EUR											
Certificate	NL0013128671	DJIND24284TRLOPENH	EUR	8,0700	8,0700	8,0700				8,0700				
Certificate	NL0012979397	DJIND24290BL OPENB	EUR											
Certificate	NL0013128663	DJIND24304TRLOPENH	EUR	7,9000	7,9000	7,9000				7,9000				
Certificate	NL0012928154	DJIND24316TRLOPENH	EUR											
Certificate	NL0013128655	DJIND24324TRLOPENH	EUR	7,7300	7,7300	7,7300				7,7300				
Certificate	NL0012927263	DJIND24340TL OPENH	EUR											
Certificate	NL0013082050	DJIND24344TRLOPENH	EUR											
Certificate	NL0013128648	DJIND24344TRLOPENH	EUR	7,5700	7,5700	7,5700				7,5700				
Certificate	NL0013128630	DJIND24354TRLOPENH	EUR	7,4900	7,4900	7,4900				7,4900				
Certificate	NL0013085780	DJIND24368TRLOPENH	EUR											
Certificate	DE000VA80GC6	DJIND24369TL OPENV	EUR											
Certificate	NL0012928139	DJIND24377TRLOPENH	EUR											
Certificate	NL0013129182	DJIND24381TRLOPENH	EUR	7,2400	7,2400	7,2400				7,2400				
Certificate	NL0013129554	DJIND24400TL OPENH	EUR	11,0600	11,0600	11,0600				11,0600				
Certificate	NL0013017882	DJIND24410TL OPENB	EUR											
Certificate	NL0013080757	DJIND24415TRLOPENH	EUR											
Certificate	NL0013129174	DJIND24421TRLOPENH	EUR	6,9000	6,9000	6,9000				6,9000				
Certificate	DE000CV89XR6	DJIND24424TL OPENZ	EUR											
Certificate	DE000CJ3PT09	DJIND24433TL OPENZ	EUR	1,0450	1,0450	0,7050				0,7050				
Certificate	NL0013129166	DJIND24441TRLOPENH	EUR	6,7300	6,7300	6,7300				6,7300				
Certificate	NL0013080740	DJIND24445TRLOPENH	EUR											
Certificate	NL0013129158	DJIND24451TRLOPENH	EUR	6,6600	6,6600	6,6600				6,6600				
Certificate	NL0013086515	DJIND24461TRLOPENH	EUR											
Certificate	NL0012928105	DJIND24465TRLOPENH	EUR											
Certificate	NL0013085772	DJIND24465TRLOPENH	EUR											
Certificate	NL0013129141	DJIND24481TRLOPENH	EUR	6,3900	6,3900	6,3900				6,3900				
Certificate	NL0013080732	DJIND24491TRLOPENH	EUR											
Certificate	LU1840977968	DJIND24500TCIOPENS	EUR											
Certificate	LU1859911130	DJIND24500TCIOPENS	EUR	6,4700	6,4700	6,4700				6,4700				
Certificate	DE000VA80HU6	DJIND24500TL 0319V	EUR											
Certificate	DE000VA80HM3	DJIND24500TL 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	DE000CJ3PUG3	DJIND24500TL 1218Z	EUR	0,9500	0,9500	0,6100	1777,5000	4	0,6150	2650				
Certificate	NL0013129133	DJIND24501TRLOPENH	EUR	6,2100	6,2100	6,2100			6,2100					
Certificate	NL0013129125	DJIND24521TRLOPENH	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	NL0013080724	DJIND24521TRLOPENH	EUR											
Certificate	NL0013129117	DJIND24541TRLOPENH	EUR	5,8700	5,8700	5,8700			5,8700					
Certificate	NL0013129109	DJIND24551TRLOPENH	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	NL0013087539	DJIND24558TRLOPENH	EUR											
Certificate	NL0013129091	DJIND24581TRLOPENH	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0013129083	DJIND24601TRLOPENH	EUR	6,2700	6,6600	5,3600	1034,4000	2	5,3600	160				
Certificate	DE000VA87D14	DJIND24619TL OPENV	EUR											
Certificate	NL0012927867	DJIND24640TL OPENH	EUR											
Certificate	LU1859907534	DJIND24770TPIOPENS	EUR											
Certificate	LU1859911213	DJIND24900TCIOPENS	EUR	3,1200	3,1200	2,9600	494,4000	3	3,0000	160				
Certificate	NL0013127715	DJIND24941TRSOPENH	EUR											
Certificate	NL0013127707	DJIND24951TRSOPENH	EUR											
Certificate	NL0013127699	DJIND24981TRSOPENH	EUR											
Certificate	DE000VA7PQQ7	DJIND25000TL 0319V	EUR											
Certificate	DE000VA5RG58	DJIND25000TL 1218V	EUR											
Certificate	NL0013125453	DJIND25000TS OPENH	EUR											
Certificate	NL0013127061	DJIND25000TS OPENH	EUR											
Certificate	NL0013127681	DJIND25001TRSOPENH	EUR											
Certificate	NL0013127673	DJIND25021TRSOPENH	EUR											
Certificate	NL0012990923	DJIND25032BL OPENB	EUR											
Certificate	NL0013127665	DJIND25041TRSOPENH	EUR											
Certificate	NL0013019011	DJIND25060TS OPENB	EUR											
Certificate	NL0013124910	DJIND25081TRSOPENH	EUR											
Certificate	NL0013124902	DJIND25101TRSOPENH	EUR											
Certificate	DE000CJ3PSN3	DJIND25104TS OPENZ	EUR											
Certificate	NL0013124894	DJIND25121TRSOPENH	EUR											
Certificate	LU1841152041	DJIND25140TCIOPENS	EUR											
Certificate	NL0013124886	DJIND25141TRSOPENH	EUR											
Certificate	NL0013124878	DJIND25151TRSOPENH	EUR											
Certificate	NL0013124860	DJIND25181TRSOPENH	EUR											
Certificate	NL0013124852	DJIND25200TRSOPENH	EUR											
Certificate	NL0013128036	DJIND25200TS OPENH	EUR											
Certificate	NL0013124845	DJIND25220TRSOPENH	EUR											
Certificate	NL0013124837	DJIND25240TRSOPENH	EUR											
Certificate	DE000VA71YY2	DJIND25250TL 0319V	EUR											
Certificate	DE000VA71YS4	DJIND25250TL 1218V	EUR											
Certificate	NL0013124829	DJIND25250TRSOPENH	EUR											
Certificate	DE000VA8F4V5	DJIND25250TS 0319V	EUR											
Certificate	DE000VA8F4Y9	DJIND25250TS 1218V	EUR											
Certificate	NL0013016900	DJIND25260TS OPENB	EUR											
Certificate	NL0013124811	DJIND25280TRSOPENH	EUR											
Certificate	NL0013124803	DJIND25300TRSOPENH	EUR											
Certificate	NL0013125446	DJIND25300TS OPENH	EUR											
Certificate	NL0013124795	DJIND25320TRSOPENH	EUR											
Certificate	NL0013124787	DJIND25340TRSOPENH	EUR											
Certificate	NL0013124779	DJIND25350TRSOPENH	EUR											
Certificate	DE000CJ3PMD7	DJIND25353TS OPENZ	EUR											
Certificate	LU1859907617	DJIND25370TPIOPENS	EUR											
Certificate	NL0013124761	DJIND25380TRSOPENH	EUR											
Certificate	NL0013124753	DJIND25400TRSOPENH	EUR											
Certificate	LU1859829712	DJIND25420TPIOPENS	EUR											
Certificate	NL0013124746	DJIND25420TRSOPENH	EUR											
Certificate	DE000VA8F0G4	DJIND25433TS OPENV	EUR											
Certificate	NL0013124738	DJIND25440TRSOPENH	EUR											
Certificate	NL0013124720	DJIND25450TRSOPENH	EUR											
Certificate	NL0013016256	DJIND25458BS OPENB	EUR											
Certificate	NL0013016918	DJIND25460TS OPENB	EUR											
Certificate	NL0013124712	DJIND25480TRSOPENH	EUR											
Certificate	NL0013124704	DJIND25500TRSOPENH	EUR											
Certificate	DE000VA8F1H0	DJIND25500TS 0319V	EUR											
Certificate	DE000VA8F1R9	DJIND25500TS 1218V	EUR											
Certificate	DE000CQ5ALZ0	DJIND25500TS OPENC	EUR											
Certificate	DE000CY5ZJ0	DJIND25500TS OPENC	EUR											
Certificate	NL0013124332	DJIND25500TS OPENH	EUR											
Certificate	NL0013124696	DJIND25520TRSOPENH	EUR											
Certificate	NL0013124688	DJIND25540TRSOPENH	EUR											
Certificate	NL0013124670	DJIND25550TRSOPENH	EUR											
Certificate	DE000CJ3PHY3	DJIND25575TS OPENZ	EUR	2,9150	2,9150	2,9150			2,9150					
Certificate	NL0013124662	DJIND25580TRSOPENH	EUR	3,8100	3,8100	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	NL0013124654	DJIND25600TRSOPENH	EUR	1,4700	3,9500	1,4700	52,9200	1	3,9500	36				
Certificate	DE000CJ3PHC9	DJIND25603TS OPENZ	EUR											
Certificate	NL0013124647	DJIND25620TRSOPENH	EUR	0,8000	4,1500	0,5300	1516,0000	4	4,1500	2200				
Certificate	NL0013000235	DJIND25639BL OPENB	EUR											
Certificate	NL0013124639	DJIND25640TRSOPENH	EUR	0,8000	4,3000	0,8000	8,1500	2	4,3000	10				
Certificate	NL0013124621	DJIND25650TRSOPENH	EUR	4,3800	4,3800	4,3800								
Certificate	NL0013016264	DJIND25658BS OPENB	EUR	1,4500	5,0000	1,4500	2046,8000	5	4,9900	1110				
Certificate	NL0013016926	DJIND25660TS OPENB	EUR	3,2700	6,5900	3,2700	3270,0000	1	6,5900	1000				
Certificate	NL0013124613	DJIND25680TRSOPENH	EUR	1,1900	4,6600	1,1900	635,9000	3	4,6600	400				
Certificate	DE000VA8FUC8	DJIND25682TS OPENV	EUR	4,8250	4,8250	4,8250			4,8250					
Certificate	NL0013087521	DJIND25699TRSOPENH	EUR	1,2500	5,2800	0,5000	2266,1500	10	4,8100	1580				
Certificate	NL0013087513	DJIND25719TRSOPENH	EUR	4,9900	4,9900	4,9900			4,9900					
Certificate	NL0013087505	DJIND25739TRSOPENH	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	NL0013087497	DJIND25749TRSOPENH	EUR	2,2900	5,2500	2,0000	1155,8700	3	5,2500	507				
Certificate	DE000VA7PQ23	DJIND25750TL 0319V	EUR											
Certificate	DE000VA6EE47	DJIND25750TL 1218V	EUR											
Certificate	DE000VA8FU28	DJIND25750TS 0319V	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	DE000VA8FU51	DJIND25750TS 1218V	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	NL0012999981	DJIND25760TL OPENB	EUR											
Certificate	NL0013087489	DJIND25779TRSOPENH	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	NL0013087471	DJIND25799TRSOPENH	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0013085228	DJIND25800TS OPENH	EUR	10,1600	10,1600	10,1600			10,1600					
Certificate	NL0013081953	DJIND25819TRSOPENH	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	NL0013000995	DJIND25828BL OPENB	EUR											
Certificate	NL0013129075	DJIND25841TRSOPENH	EUR	6,0500	6,0500	6,0500			6,0500					
Certificate	NL0013081946	DJIND25849TRSOPENH	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	DE000CJ3PHD7	DJIND25853TS OPENZ	EUR	0,3050	0,6450	0,3000	51,0000	1	0,6450	170				
Certificate	NL0013010457	DJIND25857BS OPENB	EUR	3,2700	6,7400	2,3400	867,8600	5	6,7400	254				
Certificate	NL0013010754	DJIND25860TS OPENB	EUR	4,7950	8,3800	4,5000	12401,0000	5	8,3700	2260				
Certificate	NL0013081938	DJIND25879TRSOPENH	EUR	6,3800	6,3800	6,3800			6,3800					
Certificate	NL0013081920	DJIND25909TRSOPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0013003122	DJIND25930TL OPENB	EUR											
Certificate	DE000VA8FUF1	DJIND25932TS OPENV	EUR	6,9750	6,9750	6,9750			6,9750					
Certificate	NL0013086499	DJIND25938TRSOPENH	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	NL0013081912	DJIND25939TRSOPENH	EUR	6,8900	6,8900	6,8900			6,8900					
Certificate	NL0013087463	DJIND25939TRSOPENH	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	NL0013125800	DJIND25941TRSOPENH	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	NL0013081904	DJIND25969TRSOPENH	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	NL0013081896	DJIND25999TRSOPENH	EUR	6,4300	7,4300	6,4300	192,9000	1	7,4300	30				
Certificate	DE000CP6P89	DJIND26000TL OPENC	EUR											
Certificate	LU1840974940	DJIND26000TPIOPENS	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	DE000VA71MK6	DJIND26000TS 0319V	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000VA71NC1	DJIND26000TS 1218V	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	DE000CJ3PFA7	DJIND26000TS 1218Z	EUR	0,4450	0,7950	0,4450			0,7950					
Certificate	DE000CP6YF5	DJIND26000TS OPENC	EUR	0,3600	0,7300	0,3500	962,0000	2	0,7300	2600				
Certificate	NL0013083298	DJIND26020TRSOPENH	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	NL0013081888	DJIND26029TRSOPENH	EUR	7,6900	7,6900	7,6900			7,6900					
Certificate	NL0013010465	DJIND26057BS OPENB	EUR	4,7800	8,5000	3,8500	16293,5000	9	8,5000	3070				
Certificate	NL0013081870	DJIND26059TRSOPENH	EUR	7,9500	7,9500	7,9500			7,9500					
Certificate	NL0013010762	DJIND26060TS OPENB	EUR	5,4500	10,1500	5,4500	26597,0000	5	10,1500	4050				
Certificate	NL0013081862	DJIND26089TRSOPENH	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	NL0013084072	DJIND26090TS OPENH	EUR	12,7600	12,7600	12,7600			12,7600					
Certificate	DE000CJ3PE55	DJIND26102TS OPENZ	EUR	0,5250	0,8650	0,5250			0,8650					
Certificate	NL0013080617	DJIND26117TRSOPENH	EUR	8,4600	8,4600	8,4600			8,4600					
Certificate	NL0013129067	DJIND26141TRSOPENH	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	NL0013080609	DJIND26147TRSOPENH	EUR	5,0000	8,7200	5,0000	5910,0000	4	8,7200	1000				
Certificate	NL0013080591	DJIND26177TRSOPENH	EUR	8,9700	8,9700	8,9700			8,9700					
Certificate	DE000VA77HL9	DJIND26192TS OPENV	EUR	9,1250	9,1250	9,1250			9,1250					
Certificate	NL0013080583	DJIND26207TRSOPENH	EUR	9,2400	9,2400	9,2400			9,2400					
Certificate	NL0013080575	DJIND26237TRSOPENH	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	NL0013086481	DJIND26238TRSOPENH	EUR	9,5200	9,5200	9,5200			9,5200					
Certificate	NL0013085764	DJIND26238TRSOPENH	EUR	9,4900	9,4900	9,4900			9,4900					
Certificate	NL0013087455	DJIND26239TRSOPENH	EUR	9,5200	9,5200	9,5200			9,5200					
Certificate	DE000VA71MNO	DJIND26250TS 0319V	EUR	0,6600	0,9850	0,6550	1320,0000	1	0,9850	2000				
Certificate	DE000VA71NF4	DJIND26250TS 1218V	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	NL0013010473	DJIND26257BS OPENB	EUR	10,2500	10,2500	10,2500			10,2500					
Certificate	NL0013009467	DJIND26260TS OPENB	EUR	8,4800	11,9300	8,4800	3816,0000	1	11,9300	450				
Certificate	NL0013080567	DJIND26267TRSOPENH	EUR	9,7500	9,7500	9,7500			9,7500					
Certificate	NL0013080559	DJIND26297TRSOPENH	EUR	10,0100	10,0100	10,0100			10,0100					
Certificate	NL0013083280	DJIND26320TRSOPENH	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	NL0013080542	DJIND26327TRSOPENH	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	NL0013081359	DJIND26330TS OPENH	EUR	14,9200	14,9200	14,9200			14,9200					



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	DE000CJ3N7Q4	DJIND26350TS OPENZ	EUR	0,7400	1,0850	0,7400			1,0850					
Certificate	NL0013080534	DJIND26357TRSOPENH	EUR	10,5500	10,5500	10,5500			10,5500					
Certificate	NL0013080526	DJIND26387TRSOPENH	EUR	10,8100	10,8100	10,8100			10,8100					
Certificate	NL0013080518	DJIND26417TRSOPENH	EUR	11,0800	11,0800	11,0800			11,0800					
Certificate	DE000VA7THM7	DJIND26442TS OPENV	EUR	11,2750	11,2750	11,2750			11,2750					
Certificate	NL0013080500	DJIND26447TRSOPENH	EUR	11,3400	11,3400	11,3400			11,3400					
Certificate	NL0013080493	DJIND26455BS OPENB	EUR	11,0600	12,2000	11,0600	2326,0000	2	12,0000	200				
Certificate	NL0013080475	DJIND26460TS OPENB	EUR	9,0700	13,7000	9,0600	1009,0000	2	13,7000	100				
Certificate	NL0013080492	DJIND26477TRSOPENH	EUR	11,6000	11,6000	11,6000			11,6000					
Certificate	DE000VA71MS9	DJIND26500TS 0319V	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	DE000VA71NJ6	DJIND26500TS 1218V	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	DE000CP06V99	DJIND26500TS OPENC	EUR	0,8300	1,1700	0,8200	513,0000	3	1,1700	600				
Certificate	DE000CP07BQ8	DJIND26500TS OPENC	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	NL0013080484	DJIND26507TRSOPENH	EUR	11,8600	11,8600	11,8600			11,8600					
Certificate	NL0013080476	DJIND26537TRSOPENH	EUR	12,1300	12,1300	12,1300			12,1300					
Certificate	NL0013085756	DJIND26538TRSOPENH	EUR	12,1300	12,1300	12,1300			12,1300					
Certificate	NL0013086473	DJIND26538TRSOPENH	EUR	12,1500	12,1500	12,1500			12,1500					
Certificate	NL0013080468	DJIND26567TRSOPENH	EUR	12,3500	12,3500	12,3500			12,3500					
Certificate	DE000CJ3N6Q6	DJIND26575TS OPENZ	EUR	11,7700	15,2500	11,7700			15,2500					
Certificate	NL0013084874	DJIND26590TS OPENH	EUR	17,2800	17,2800	17,2800			17,2800					
Certificate	NL0013080450	DJIND26597TRSOPENH	EUR	12,6500	12,6500	12,6500			12,6500					
Certificate	DE000CJ3N4U3	DJIND26597TS OPENZ	EUR	0,9550	1,3000	0,9550	130,0000	1	1,2950	100				
Certificate	NL0013084338	DJIND26624TRSOPENH	EUR	12,8900	12,8900	12,8900			12,8900					
Certificate	NL0013080443	DJIND26627TRSOPENH	EUR	12,8800	12,8800	12,8800			12,8800					
Certificate	NL0013080501	DJIND26655BS OPENB	EUR	13,7500	13,7500	13,7500			13,7500					
Certificate	NL0013080435	DJIND26657TRSOPENH	EUR	13,1400	13,1400	13,1400			13,1400					
Certificate	NL0013080483	DJIND26660TS OPENB	EUR	15,4800	15,4800	15,4800			15,4800					
Certificate	NL0013080427	DJIND26687TRSOPENH	EUR	13,4400	13,4400	13,4400			13,4400					
Certificate	DE000VA77HP0	DJIND26692TS OPENV	EUR	13,4250	13,4250	13,4250			13,4250					
Certificate	NL0013086036	DJIND26700TS OPENH	EUR	18,2100	18,2100	18,2100			18,2100					
Certificate	NL0013080419	DJIND26717TRSOPENH	EUR	13,7000	13,7000	13,7000			13,7000					
Certificate	NL0013080401	DJIND26747TRSOPENH	EUR	13,9400	13,9400	13,9400			13,9400					
Certificate	DE000VA71MV3	DJIND26750TS 0319V	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000VA71NL2	DJIND26750TS 1218V	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	NL0013080393	DJIND26777TRSOPENH	EUR	14,2200	14,2200	14,2200			14,2200					
Certificate	NL0013080385	DJIND26807TRSOPENH	EUR	14,4900	14,4900	14,4900			14,4900					
Certificate	NL0013080377	DJIND26837TRSOPENH	EUR	14,7500	14,7500	14,7500			14,7500					
Certificate	NL0012520019	DJIND26846TRSOPENH	EUR											
Certificate	DE000CJ3N7R2	DJIND26850TS OPENZ	EUR	1,1750	1,5150	1,1750			1,5150					
Certificate	NL0013080519	DJIND26855BS OPENB	EUR	15,5100	15,5100	15,5100			15,5100					
Certificate	NL0013009491	DJIND26860TS OPENB	EUR	17,2500	17,2500	17,2500			17,2500					
Certificate	NL0013084320	DJIND26864TRSOPENH	EUR	14,9900	14,9900	14,9900			14,9900					
Certificate	NL0013084312	DJIND26904TRSOPENH	EUR	15,3400	15,3400	15,3400			15,3400					
Certificate	NL0012905319	DJIND26926TRSOPENH	EUR	15,5300	15,5300	15,5300			15,5300					
Certificate	NL0012905301	DJIND26936TRSOPENH	EUR	15,6000	15,6000	15,6000			15,6000					
Certificate	NL0012554877	DJIND26940TS OPENH	EUR	20,3500	20,3500	20,3500			20,3500					
Certificate	NL0012901334	DJIND26946TRSOPENH	EUR	15,7000	15,7000	15,7000			15,7000					
Certificate	NL0012545990	DJIND26965TRSOPENH	EUR	15,8800	15,8800	15,8800			15,8800					
Certificate	DE000VA77BA5	DJIND27000TS 0319V	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	DE000VA321N9	DJIND27000TS 1218V	EUR	1,3800	1,6550	1,3700	12105,0000	4	1,6550	8600				
Certificate	DE000CJ3N1U9	DJIND27000TS 1218Z	EUR	1,3250	1,6750	1,3250			1,6750					
Certificate	DE000CP06VA2	DJIND27000TS OPENC	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CP06396	DJIND27000TS OPENC	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0012892616	DJIND27009TRSOPENH	EUR	16,2600	16,2600	16,2600			16,2600					
Certificate	NL0012904692	DJIND27035TRSOPENH	EUR	16,4600	16,4600	16,4600			16,4600					
Certificate	NL0012992218	DJIND27055BS OPENB	EUR	17,2600	17,2600	17,2600			17,2600					
Certificate	NL0012895320	DJIND27057TRSOPENH	EUR	16,6700	16,6700	16,6700			16,6700					
Certificate	NL0013002306	DJIND27060TS OPENB	EUR	19,1100	19,1100	19,1100			19,1100					
Certificate	NL0012561252	DJIND27077TRSOPENH	EUR	15,9800	16,8300	15,8000	3830,6000	2	16,8300	238				
Certificate	DE000CE6F552	DJIND27098TS OPENZ	EUR	1,3900	1,7350	1,3900	1048,0000	2	1,7350	650				
Certificate	NL0012904320	DJIND27104TRSOPENH	EUR	17,0700	17,0700	17,0700			17,0700					
Certificate	NL0012901243	DJIND27135TRSOPENH	EUR	17,3600	17,3600	17,3600			17,3600					
Certificate	NL0012554869	DJIND27140TS OPENH	EUR	22,1400	22,1400	22,1400			22,1400					
Certificate	NL0012904312	DJIND27164TRSOPENH	EUR	17,5900	17,5900	17,5900			17,5900					
Certificate	NL0012561187	DJIND27186TRSOPENH	EUR	17,8000	17,8000	17,8000			17,8000					
Certificate	LU1817097238	DJIND27190TPIOPENS	EUR	17,0200	17,0200	17,0200			17,0200					
Certificate	NL0012904304	DJIND27214TRSOPENH	EUR	18,0500	18,0500	18,0500			18,0500					
Certificate	NL0012901862	DJIND27236TRSOPENH	EUR	18,2400	18,2400	18,2400			18,2400					
Certificate	DE000VA7PWL6	DJIND27250TS 0319V	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000VA32302	DJIND27250TS 1218V	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	NL001298462	DJIND27255BS OPENB	EUR	19,0200	19,0200	19,0200			19,0200					
Certificate	NL0012904296	DJIND27264TRSOPENH	EUR	18,4700	18,4700	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	NL0012676803	DJIND27280TS OPENB	EUR	25,9500	25,9500	25,9500			25,9500					
Certificate	NL0012901854	DJIND27286TRSOPENH	EUR	18,6600	18,6600	18,6600			18,6600					
Certificate	NL0012904288	DJIND27314TRSOPENH	EUR	18,9100	18,9100	18,9100			18,9100					
Certificate	NL0012554851	DJIND27330TS OPENH	EUR	23,9500	23,9500	23,9500			23,9500					
Certificate	NL0012901847	DJIND27336TRSOPENH	EUR	19,1200	19,1200	19,1200			19,1200					
Certificate	DE000CE6FE26	DJIND27347TS OPENZ	EUR	1,6050	1,9550	1,6050			1,9550					
Certificate	NL0012181374	DJIND27363TRSOPENH	EUR	19,3300	19,3300	19,3300			19,3300					
Certificate	NL0012901839	DJIND27386TRSOPENH	EUR	19,5400	19,5400	19,5400			19,5400					
Certificate	NL0012901821	DJIND27406TRSOPENH	EUR	19,7300	19,7300	19,7300			19,7300					
Certificate	DE000VL61G75	DJIND27423TS OPENV	EUR	15,6050	15,6050	15,6050			15,6050					
Certificate	NL0012901813	DJIND27436TRSOPENH	EUR	19,9700	19,9700	19,9700			19,9700					
Certificate	NL0013000243	DJIND27455BS OPENB	EUR	20,7800	20,7800	20,7800			20,7800					
Certificate	NL0012545917	DJIND27460TRSOPENH	EUR	20,1800	20,1800	20,1800			20,1800					
Certificate	NL0013000870	DJIND27470TS OPENB	EUR	27,7000	27,7000	27,7000			27,7000					
Certificate	NL0012901805	DJIND27486TRSOPENH	EUR	20,4300	20,4300	20,4300			20,4300					
Certificate	DE000VA7PPD7	DJIND27500TS 0319V	EUR	2,0550	2,0550	2,0550			2,0550					
Certificate	DE000VA3Z5G4	DJIND27500TS 1218V	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	NL0012904270	DJIND27514TRSOPENH	EUR	20,6700	20,6700	20,6700			20,6700					
Certificate	NL0012554844	DJIND27530TS OPENH	EUR	20,8900	25,7300	20,8900	34670,0000	6	25,7300	1500				
Certificate	NL0012892566	DJIND27548TRSOPENH	EUR	20,9800	20,9800	20,9800			20,9800					
Certificate	NL0012904684	DJIND27574TRSOPENH	EUR	21,1900	21,1900	21,1900			21,1900					
Certificate	DE000CE6F397	DJIND27575TS OPENZ	EUR	20,6850	24,1950	20,6850			24,1950					
Certificate	NL0012904262	DJIND27594TRSOPENH	EUR	21,3500	21,3500	21,3500			21,3500					
Certificate	DE000CV4YQX0	DJIND27603TS OPENZ	EUR	1,8300	2,1750	1,8300			2,1750					
Certificate	NL0012904676	DJIND27624TRSOPENH	EUR	21,6200	21,6200	21,6200			21,6200					
Certificate	NL0012901797	DJIND27646TRSOPENH	EUR	21,8300	21,8300	21,8300			21,8300					
Certificate	NL0013001019	DJIND27657BS OPENB	EUR	22,5500	22,5500	22,5500			22,5500					
Certificate	NL0013001639	DJIND27670TS OPENB	EUR	29,9500	29,9500	29,5100	299,5000	1	29,5100	10				
Certificate	NL0012904668	DJIND27674TRSOPENH	EUR	22,0600	22,0600	22,0600			22,0600					
Certificate	NL0012904254	DJIND27693TRSOPENH	EUR	22,2300	22,2300	22,2300			22,2300					
Certificate	NL0012904650	DJIND27724TRSOPENH	EUR	22,5200	22,5200	22,5200			22,5200					
Certificate	NL0012554836	DJIND27730TS OPENH	EUR	27,5400	27,5400	27,5400			27,5400					
Certificate	NL0012892558	DJIND27748TRSOPENH	EUR	22,7300	22,7300	22,7300			22,7300					
Certificate	DE000VA7PPG0	DJIND27750TS 0319V	EUR	2,2650	2,2650	2,2650			2,2650					
Certificate	DE000VA4RL94	DJIND27750TS 1218V	EUR	2,3150	2,3150	2,3150			2,3150					
Certificate	NL0012906309	DJIND27776TRSOPENH	EUR	22,9500	22,9500	22,9500			22,9500					
Certificate	NL0012904247	DJIND27813TRSOPENH	EUR	23,3000	23,3000	23,3000			23,3000					
Certificate	NL0012907307	DJIND27837TRSOPENH	EUR	23,4800	23,4800	23,4800			23,4800					
Certificate	NL0013004682	DJIND27875BS OPENB	EUR	25,0000	25,0000	24,3100	1275,0000	1	24,3100	51				
Certificate	DE000CV4YW56	DJIND27874TS OPENZ	EUR	2,0650	2,4150	2,0650			2,4150					
Certificate	NL0012906291	DJIND27876TRSOPENH	EUR	23,8300	23,8300	23,8300			23,8300					
Certificate	NL0013078124	DJIND27898TRSOPENH	EUR	24,0500	24,0500	24,0500			24,0500					
Certificate	DE000VL61G91	DJIND27923TS OPENV	EUR	19,9850	19,9850	19,9850			19,9850					
Certificate	NL0012554828	DJIND27930TS OPENH	EUR	29,3000	29,3000	29,3000			29,3000					
Certificate	NL0012907299	DJIND27936TRSOPENH	EUR	24,3600	24,3600	24,3600			24,3600					
Certificate	LU1817097311	DJIND27990TPIOPENS	EUR	23,9800	23,9800	23,9800			23,9800					
Certificate	NL0012892533	DJIND27998TRSOPENH	EUR	24,9200	24,9200	24,9200			24,9200					
Certificate	DE000VA7PPK2	DJIND28000TS 0319V	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	DE000VA4YTX6	DJIND28000TS 1218V	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	DE000CJ3NUX3	DJIND28000TS 1218Z	EUR	2,1950	2,5450	2,1950			2,5450					
Certificate	DE000CV51Y73	DJIND28000TS OPENC	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	DE000CV52046	DJIND28000TS OPENC	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000CQ58P36	DJIND28000TS OPENC	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	DE000VL8XH38	DJIND28058TS OPENV	EUR	22,3750	22,3750	22,3750			22,3750					
Certificate	NL0012907281	DJIND28066TRSOPENH	EUR	25,5000	25,5000	25,5000			25,5000					
Certificate	DE000CV4YX22	DJIND28120TS OPENZ	EUR	2,2850	2,6350	2,2850			2,6350					
Certificate	NL0012554810	DJIND28130TS OPENH	EUR	31,1100	31,1100	31,1100			31,1100					
Certificate	NL0012901789	DJIND28145TRSOPENH	EUR	26,2000	26,2000	26,2000			26,2000					
Certificate	NL0013084304	DJIND28234TRSOPENH	EUR	26,9900	26,9900	26,9900			26,9900					
Certificate	DE000VA7PPM8	DJIND28250TS 0319V	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	DE000VA4YV69	DJIND28250TS 1218V	EUR	2,7450	2,7450	2,7450			2,7450					
Certificate	NL0012676811	DJIND28280TS OPENB	EUR	34,3700	35,0000	34,3500	687,4000	1	35,0000	20				
Certificate	NL0013084296	DJIND28284TRSOPENH	EUR	27,4300	27,4300	27,4300			27,4300					
Certificate	DE000VL8XH46	DJIND28308TS OPENV	EUR	24,5750	24,5750	24,5750			24,5750					
Certificate	NL0012554802	DJIND28330TS OPENH	EUR	32,8800	32,8800	32,8800			32,8800					
Certificate	NL0013084288	DJIND28334TRSOPENH	EUR	27,8700	27,8700	27,8700			27,8700					
Certificate	NL0012901771	DJIND28345TRSOPENH	EUR	27,9500	27,9500	27,9500			27,9500					
Certificate	DE000CV4YX30	DJIND28374TS OPENZ	EUR	2,5050	2,8550	2,5050			2,8550					
Certificate	NL0012910137	DJIND28442TRSOPENH	EUR	28,8200	28,8200	28,8200			28,8200					
Certificate	LU1840349135	DJIND28480TPIOPENS	EUR	28,6400	28,6400	28,6400			28,6400					
Certificate	NL0012901763	DJIND28495TRSOPENH	EUR	29,2900	29,2900	29,2900			29,2900					
Certificate	DE000VA7PPP1	DJIND28500TS 0319V	EUR	2,9150	2,9150	2,9150			2,9150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VASRP24	DJIND28500TS 1218V	EUR	2,9650	2,9650	2,9650			2,9650					
Certificate	DE000CV52521	DJIND28500TS OPENC	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000VL8XH53	DJIND28558TS OPENV	EUR	26,7650	26,7650	26,7650			26,7650					
Certificate	DE000CV4YVH3	DJIND28595TS OPENZ	EUR	29,7050	33,2500	29,7050			33,2500					
Certificate	DE000CV423F6	DJIND28632TS OPENZ	EUR	2,7300	3,0850	2,7300			3,0850					
Certificate	NL0012901755	DJIND28695TRSOPENH	EUR	31,0200	31,0200	31,0200			31,0200					
Certificate	DE000VA7PPR7	DJIND28750TS 0319V	EUR	3,1350	3,1350	3,1350			3,1350					
Certificate	DE000VAGTOL0	DJIND28750TS 1218V	EUR	3,1850	3,1850	3,1850			3,1850					
Certificate	NL0012901748	DJIND28844TRSOPENH	EUR	32,3600	32,3600	32,3600			32,3600					
Certificate	DE000VA278F9	DJIND28872TS OPENV	EUR	31,0050	31,0050	31,0050			31,0050					
Certificate	DE000CV423G4	DJIND28886TS OPENZ	EUR	2,9550	3,3050	2,9550			3,3050					
Certificate	NL0012892509	DJIND28896TRSOPENH	EUR	32,7900	32,7900	32,7900			32,7900					
Certificate	NL0013008527	DJIND28977BS OPENB	EUR	34,1500	34,1500	34,1500			34,1500					
Certificate	NL0012550297	DJIND28979TRSOPENH	EUR	33,5400	33,5400	33,5400			33,5400					
Certificate	NL0012903785	DJIND28980TS OPENH	EUR	38,6600	38,6600	38,6600			38,6600					
Certificate	DE000VA7PP55	DJIND29000TS 0319V	EUR	3,3550	3,3550	3,3550			3,3550					
Certificate	DE000VAGTOP1	DJIND29000TS 1218V	EUR	3,4050	3,4050	3,4050			3,4050					
Certificate	DE000CJ3NNZ3	DJIND29000TS 1218Z	EUR	3,0650	3,4150	3,0650			3,4150					
Certificate	DE000CP06MQ7	DJIND29000TS OPENC	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000CV52F00	DJIND29000TS OPENC	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000CV52CL5	DJIND29000TS OPENC	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	NL0012901730	DJIND29044TRSOPENH	EUR	34,1100	34,1100	34,1100			34,1100					
Certificate	DE000CV427C4	DJIND29128TS OPENZ	EUR	3,1650	3,5150	3,1400	157,0000	1	3,5150	50				
Certificate	NL0012901722	DJIND29194TRSOPENH	EUR	35,4100	35,4100	35,4100			35,4100					
Certificate	DE000VA7PPU1	DJIND29250TS 0319V	EUR	3,5750	3,5750	3,5750			3,5750					
Certificate	DE000VASRJ14	DJIND29265TS OPENV	EUR	35,3950	35,3950	35,3950			35,3950					
Certificate	DE000CV42B01	DJIND29389TS OPENZ	EUR	3,3950	3,7450	3,3950			3,7450					
Certificate	NL0013124605	DJIND29399TRSOPENH	EUR	37,2100	37,2100	37,2100			37,2100					
Certificate	NL0013003882	DJIND29430TS OPENB	EUR	40,0600	40,0600	40,0600			40,0600					
Certificate	NL0012560346	DJIND29454TRSOPENH	EUR	37,6900	37,6900	37,6900			37,6900					
Certificate	DE000VA7PPX5	DJIND29500TS 0319V	EUR	3,7850	3,7850	3,7850			3,7850					
Certificate	NL0012196497	DJIND29524TRSOPENH	EUR	38,3100	38,3100	38,3100			38,3100					
Certificate	NL0012554794	DJIND29530TS OPENH	EUR	43,6400	43,6400	43,6400			43,6400					
Certificate	DE000CV4YX71	DJIND29585TS OPENZ	EUR	38,5600	42,1300	38,5600			42,1300					
Certificate	NL0012197602	DJIND29626TRSOPENH	EUR	39,2200	39,2200	39,2200			39,2200					
Certificate	DE000CV42C91	DJIND29644TS OPENZ	EUR	3,6150	3,9750	3,6150			3,9750					
Certificate	DE000VAG0419	DJIND29726TS OPENV	EUR	39,7750	39,7750	39,7750			39,7750					
Certificate	DE000VA7PP16	DJIND29750TS 0319V	EUR	4,0050	4,0050	4,0050			4,0050					
Certificate	DE000CV42JD4	DJIND29900TS OPENZ	EUR	3,8400	4,1950	3,8400			4,1950					
Certificate	NL0012197578	DJIND29919TRSOPENH	EUR	41,7900	41,7900	41,7900			41,7900					
Certificate	DE000CQ5BUD6	DJIND30000TS OPENC	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	DE000CP063A8	DJIND30000TS OPENC	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000CV52GD3	DJIND30000TS OPENC	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	DE000CV52F18	DJIND30000TS OPENC	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	NL0012905962	DJIND30154TRSOPENH	EUR	43,8400	43,8400	43,8400			43,8400					
Certificate	DE000CV42JE2	DJIND30154TS OPENZ	EUR	4,0650	4,4150	4,0650			4,4150					
Certificate	NL0012676829	DJIND30280TS OPENB	EUR	53,0800	53,0800	53,0800			53,0800					
Certificate	NL0012895304	DJIND30372TRSOPENH	EUR	45,7700	45,7700	45,7700			45,7700					
Certificate	DE000CV42KX0	DJIND30411TS OPENZ	EUR	4,2850	4,6450	4,2850			4,6450					
Certificate	NL0012677389	DJIND30490BS OPENB	EUR	47,4400	47,4400	47,4400			47,4400					
Certificate	DE000CV42CR9	DJIND30585TS OPENZ	EUR	47,4050	51,0050	47,4050			51,0050					
Certificate	NL0012314173	DJIND30649TRSOPENH	EUR	47,1400	48,1900	47,1400	612,8200	1	48,1900	13				
Certificate	DE000CV42LL3	DJIND30672TS OPENZ	EUR	4,5150	4,8750	4,5150			4,8750					
Certificate	NL0012554786	DJIND30730TS OPENH	EUR	54,3600	54,3600	54,3600			54,3600					
Certificate	NL0012905954	DJIND30853TRSOPENH	EUR	49,9900	49,9900	49,9900			49,9900					
Certificate	DE000CV42PW1	DJIND30928TS OPENZ	EUR	4,7400	5,0900	4,7100	490,0000	2	5,0900	100				
Certificate	DE000CV8AC47	DJIND31000TS 1218Z	EUR	4,8100	5,1600	4,8100			5,1600					
Certificate	DE000CP063B6	DJIND31000TS OPENC	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000CV52S39	DJIND31000TS OPENC	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000CP061L9	DJIND31000TS OPENC	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	NL0012901714	DJIND31142TRSOPENH	EUR	52,5300	52,5300	52,5300			52,5300					
Certificate	NL0012901706	DJIND31392TRSOPENH	EUR	54,7400	54,7400	54,7400			54,7400					
Certificate	DE000CV42LB4	DJIND31585TS OPENZ	EUR	56,3050	59,9300	56,3050			59,9300					
Certificate	NL0012905947	DJIND31603TRSOPENH	EUR	56,5700	56,5700	56,5700			56,5700					
Certificate	NL0012907273	DJIND31914TRSOPENH	EUR	59,3100	59,3100	59,3100			59,3100					
Certificate	NL0012554778	DJIND31930TS OPENH	EUR	65,1300	65,1300	65,1300			65,1300					
Certificate	DE000CJ3NQ05	DJIND31930TS OPENZ	EUR	5,6100	5,9700	5,6100			5,9700					
Certificate	DE000CP06P97	DJIND32000TS OPENC	EUR	5,9800	5,9800	5,9800			5,9800					
Certificate	DE000CV87QH5	DJIND32969TS OPENZ	EUR	6,5200	6,8900	6,5200			6,8900					
Certificate	DE000CJ3NUY1	DJIND33000TS 1218Z	EUR	6,5500	6,9100	6,5500			6,9100					
Certificate	NL0012849806	DJIND33069TRSOPENH	EUR	69,4700	69,4700	69,4700			69,4700					
Certificate	NL0012903777	DJIND33580TS OPENH	EUR	79,9100	79,9100	79,9100			79,9100					



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	DE000CV87NJ8	DJIND33595TS OPENZ	EUR	74,0850	77,7800	74,0850			77,7800					
Certificate	NL0012520001	DJIND33596TRSOPEH	EUR											
Certificate	DE000CJ3NRY7	DJIND35595TS OPENZ	EUR	91,7800	95,5300	91,7800			95,5300					
Certificate	NL0012905939	DJIND36449TRSOPEH	EUR	99,1500	99,1500	99,1500			99,1500					
Certificate	DE0006075369	DJINS PI OPENN	EUR	28,5900	28,5900	28,5900			28,5900					
Certificate	DE000CE6FCZ0	DJINS 362.TS OPENZ	EUR	8,2900	8,2900	8,2900			8,2900					
Certificate	DE000CN6JS72	DJINS175.6TL OPENZ	EUR	10,5600	10,5600	10,4450			10,4450					
Certificate	DE000CN6JSY0	DJINS198.4TL OPENZ	EUR	8,2800	8,2800	8,1600			8,1600					
Certificate	DE000CE6CS68	DJINS233.8TL OPENZ	EUR	4,6250	4,6250	4,6250			4,6250					
Certificate	DE000CV87N02	DJINS254.2TL OPENZ	EUR	2,5950	2,5950	2,5950			2,5950					
Certificate	DE000CD64FW4	DJINS310.4TS OPENZ	EUR	3,0200	3,1350	3,0200			3,1350					
Certificate	DE000CJ3PG53	DJMAT 337.TL OPENZ	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	DE000CE6C881	DJMAT 552.TS OPENZ	EUR	14,5100	14,5100	14,5100			14,5100					
Certificate	DE000CN6JS88	DJMAT278.3TL OPENZ	EUR	13,3600	13,3600	13,0050			13,0050					
Certificate	DE000CN6JT22	DJMAT313.1TL OPENZ	EUR	9,8800	9,8800	9,5100			9,5100					
Certificate	DE000CE6BHM6	DJMAT367.6TL OPENZ	EUR	4,4600	4,4600	4,1050			4,1050					
Certificate	DE000CD645X8	DJMAT472.8TS OPENZ	EUR	6,2300	6,5800	6,2300			6,5800					
Certificate	DE000CE6EHE7	DJMED198.6TL OPENZ	EUR	7,8750	7,8750	7,8750			7,8750					
Certificate	DE000CE6CDC4	DJMED230.5TL OPENZ	EUR	4,6950	4,6950	4,6950			4,6950					
Certificate	DE000CV87MX1	DJMED250.8TL OPENZ	EUR	2,6850	2,6850	2,6850			2,6850					
Certificate	DE000CE6CES8	DJMED320.3TS OPENZ	EUR	4,3750	4,3750	4,3750			4,3750					
Certificate	DE000CV89Y11	DJMED370.2TS OPENZ	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	DE0006075328	DJOIL PI OPENN	EUR	35,3200	35,3200	35,3200			35,3200					
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	13,3800	13,3800	12,6000	10035,0000	1		750				
Certificate	NL0012034649	DJOIL 255TL OPENB	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	NL0012781553	DJOIL 297TL OPENB	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	NL0012791180	DJOIL 369TS OPENB	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	DE000CJ3PQB2	DJRES 397.TL OPENZ	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	DE000CN6KE00	DJRES224.9TL OPENZ	EUR	21,7350	21,7350	21,2000			21,2000					
Certificate	DE000CD627T4	DJRES267.8TL OPENZ	EUR	17,4500	17,4500	16,9100			16,9100					
Certificate	DE000CD63M86	DJRES317.8TL OPENZ	EUR	12,4600	12,4600	11,9200			11,9200					
Certificate	DE000CE6E8T5	DJRES367.4TL OPENZ	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	DE000CV8A7L0	DJRES503.9TS OPENZ	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	DE000CE6F454	DJRES553.7TS OPENZ	EUR	11,8200	11,8200	11,8200			11,8200					
Certificate	DE000CV88X41	DJRES653.7TS OPENZ	EUR	21,8100	21,8100	21,8100			21,8100					
Certificate	NL0012492102	DJRET 208TL OPENB	EUR	10,5800	10,5800	10,5800			10,5800					
Certificate	NL0011271382	DJRET 248TL OPENB	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	NL0013006505	DJRET 310TS OPENB	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	NL0011089198	DJRET 349TS OPENB	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	DE000CV87N28	DJRET 274.TL OPENZ	EUR	3,0650	3,0650	3,0650			3,0650					
Certificate	DE000CE6EJ51	DJRET218.4TL OPENZ	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	DE000CE6CDD2	DJRET254.3TL OPENZ	EUR	4,9850	4,9850	4,9850			4,9850					
Certificate	DE000CE6CEU4	DJRET349.6TS OPENZ	EUR	4,7750	4,7750	4,7750			4,7750					
Certificate	DE000CV88TR6	DJRET399.6TS OPENZ	EUR	9,7100	9,7100	9,7100			9,7100					
Certificate	DE0006075385	DJTCH PI OPENN	EUR	40,1000	40,1000	40,1000			40,1000					
Certificate	NL0011907142	DJTCH 307TL OPENB	EUR	13,8100	13,8100	13,8100			13,8100					
Certificate	NL0012693006	DJTCH 349TL OPENB	EUR	9,7400	9,7400	9,7400			9,7400					
Certificate	NL0012120968	DJTCH 389TL OPENB	EUR	6,2900	6,3400	5,9300	1258,0000	1	5,9300	200				
Certificate	NL0013016173	DJTCH 434TS OPENB	EUR											
Certificate	NL0012996326	DJTCH 474TS OPENB	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	NL0012971154	DJTCH 514TS OPENB	EUR	11,0500	11,0500	11,0500			11,0500					
Certificate	DE000CN6GA67	DJTCH291.6TL OPENZ	EUR	14,0800	14,0800	13,9400			13,9400					
Certificate	DE000CN6G8D8	DJTCH309.4TL OPENZ	EUR	12,3050	12,3050	12,1650			12,1650					
Certificate	DE000CE6CS43	DJTCH359.4TL OPENZ	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	DE000CJ3PLX7	DJTCH389.1TL OPENZ	EUR	4,2550	4,2550	4,2550			4,2550					
Certificate	DE000CJ3PNQ7	DJTCH450.9TS OPENZ	EUR	2,2550	2,2550	2,2550			2,2550					
Certificate	DE000CE6CM90	DJTCH510.6TS OPENZ	EUR	8,1000	8,1000	8,1000			8,1000					
Certificate	DE000CV87N44	DJTCH560.9TS OPENZ	EUR	13,1200	13,1200	13,1200			13,1200					
Certificate	DE0006075393	DJTLCL PI OPENN	EUR	23,5400	23,5400	23,5400			23,5400					
Certificate	DE000CE6FKQ2	DJTLCL 198.TL OPENZ	EUR	4,7750	4,7750	4,7750			4,7750					
Certificate	DE000CJ3NNQ2	DJTLCL63.2TL OPENZ	EUR	8,2500	8,2500	8,2500			8,2500					
Certificate	DE000CV889W2	DJTLCL217.4TL OPENZ	EUR	2,8450	2,8450	2,8450			2,8450					
Certificate	DE000CV500C7	DJTLCL282.3TS OPENZ	EUR	3,7350	3,7350	3,7350			3,7350					
Certificate	DE000CE6CEQ2	DJTLCL327.2TS OPENZ	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	DE0006075401	DJUTI PI OPENN	EUR	27,7200	27,7200	27,7200			27,7200					
Certificate	NL0013007784	DJUTI 157TL OPENB	EUR	13,0000	13,0000	13,0000			13,0000					
Certificate	NL0010516134	DJUTI 195TL OPENB	EUR	9,3400	9,3400	9,3400			9,3400					
Certificate	NL0012099121	DJUTI 237TL OPENB	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0011089230	DJUTI 299TS OPENB	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000CV8A4R4	DLGS 12.16TL OPENZ	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	DE000CV8A7S5	DLGS 14.15TL OPENZ	EUR	1,9250	1,9250	1,9250			1,9250					
Certificate	DE000CJ3N450	DLGS 17.14TL OPENZ	EUR	1,4500	1,4500	1,3150	1160,0000	1	1,3150	800				
Certificate	DE000CJ3PUY6	DLGS 19.14TL OPENZ	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000CJ3PUZ3	DLGS 21.14TL OPENZ	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	NL00006317588	dMIAX PI OPENN	EUR	18,6000	19,0900	18,6000			19,0900					
Certificate	DE0005437438	DOWJO PI OPENN	EUR	223,3500	223,3500	223,3500			223,3500					
Certificate	NL0011928304	DPOST 23.7TL OPENH	EUR	6,1200	6,1200	5,9400			5,9400					
Certificate	NL0011225339	DPOST16.66TL OPENH	EUR	12,7100	12,7100	12,5200			12,5200					
Certificate	DE000CV89T04	DPOST19.22TL OPENZ	EUR	8,8400	8,8400	8,8400			8,8400					
Certificate	NL0011721063	DPOST19.79TL OPENH	EUR	9,7800	9,7800	9,6000			9,6000					
Certificate	DE000CN6KHC7	DPOST21.25TL OPENZ	EUR	7,1400	7,1400	6,8200	4843,9100	1	6,8200	701				
Certificate	NL0011721055	DPOST21.87TL OPENH	EUR	7,8400	7,8400	7,6500			7,6500					
Certificate	NL0011721048	DPOST22.39TL OPENH	EUR	7,3500	7,3500	7,1600			7,1600					
Certificate	NL0011892872	DPOST22.89TL OPENH	EUR	6,8900	6,8900	6,7000			6,7000					
Certificate	NL0011926837	DPOST23.19TL OPENH	EUR	6,6100	6,6100	6,4200			6,4200					
Certificate	NL0011931225	DPOST24.21TL OPENH	EUR	5,6500	5,6500	5,4700			5,4700					
Certificate	DE000CD62585	DPOST24.25TL OPENZ	EUR	4,1600	4,1600	3,8450			3,8450					
Certificate	NL0011932587	DPOST24.72TL OPENH	EUR	5,1700	5,1700	4,9900			4,9900					
Certificate	NL0011933932	DPOST25.26TL OPENH	EUR	4,6600	4,6600	4,4800			4,4800					
Certificate	NL0011934682	DPOST25.78TL OPENH	EUR	4,1800	4,1800	4,0000			4,0000					
Certificate	NL0011989868	DPOST26.28TL OPENH	EUR	3,7200	3,7200	3,5300			3,5300					
Certificate	NL0011993787	DPOST27.17TL OPENH	EUR											
Certificate	DE000CJ3N088	DPOST27.23TL OPENZ	EUR											
Certificate	NL0012861264	DPOST34.23TS OPENH	EUR	8,5600	8,7900	8,5600			8,7900					
Certificate	NL0012580757	DPOST37.23TS OPENH	EUR	11,7900	12,0200	11,7900			12,0200					
Certificate	NL0012610125	DPOST38.21TS OPENH	EUR	12,8400	13,0700	12,8400			13,0700					
Certificate	NL0012580740	DPOST39.19TS OPENH	EUR	13,9000	14,1300	13,9000			14,1300					
Certificate	NL0012519458	DPOST40.05TS OPENH	EUR	14,8300	15,0600	14,8300			15,0600					
Certificate	NL0012523864	DPOST40.13TS OPENH	EUR	14,9100	15,1400	14,9100			15,1400					
Certificate	NL0012367734	DPOST41.78TS OPENH	EUR	16,6800	16,9200	16,6800			16,9200					
Certificate	NL0012431043	DPOST41.96TS OPENH	EUR	16,8800	17,1100	16,8800			17,1100					
Certificate	NL0012545552	DPOST43.91TS OPENH	EUR	18,9800	19,2100	18,9800			19,2100					
Certificate	NL0012545545	DPOST45.87TS OPENH	EUR	21,0800	21,3100	21,0800			21,3100					
Certificate	NL0012537518	DPOST49.78TS OPENH	EUR	25,2800	25,5100	25,2800			25,5100					
Certificate	NL0011721089	DSM 45TL OPENH	EUR	39,1200	39,5000	39,1200			39,5000					
Certificate	DE000CX01698	DSM 48TL OPENC	EUR	37,2600	37,2600	37,2600			37,2600					
Certificate	DE000CX59G11	DSM 50TL OPENC	EUR	34,0800	34,0800	34,0800			34,0800					
Certificate	DE000CX59324	DSM 50TL OPENC	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	NL0012103824	DSM 54TL OPENB	EUR	30,7850	31,2100	30,7850	1872,6000	1	31,1650	60				
Certificate	DE000CY50SW2	DSM 55TL OPENC	EUR	30,4400	30,4400	30,4400			30,4400					
Certificate	DE000CY509U7	DSM 55TL OPENC	EUR	30,8900	30,8900	30,8900			30,8900					
Certificate	DE000CY50UL1	DSM 55TL OPENC	EUR	27,9000	27,9000	27,9000			27,9000					
Certificate	DE000CY50EP6	DSM 55TL OPENC	EUR	28,3400	28,3400	28,3400			28,3400					
Certificate	DE000CX59PJ8	DSM 55TL OPENC	EUR	31,5600	31,5600	31,5600			31,5600					
Certificate	DE000CY16FN9	DSM 60TL OPENC	EUR	26,9000	26,9000	26,9000			26,9000					
Certificate	DE000CY16AK6	DSM 60TL OPENC	EUR	24,0700	24,0700	24,0700			24,0700					
Certificate	DE000CP06WH5	DSM 60TL OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000CP06ZM8	DSM 60TL OPENC	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	DE000CY51GS3	DSM 65TL OPENC	EUR	20,9200	20,9200	20,9200			20,9200					
Certificate	DE000CQ5BYY4	DSM 65TL OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CY51FJ4	DSM 65TL OPENC	EUR	17,8700	17,8700	17,8700			17,8700					
Certificate	DE000CY524C4	DSM 65TL OPENC	EUR	21,0000	21,0000	21,0000			21,0000					
Certificate	DE000VA8FX09	DSM 68TL 0319V	EUR	13,4850	13,4850	13,4850			13,4850					
Certificate	DE000CV8ABH6	DSM 68TL 1218Z	EUR	2,7550	2,7550	2,7550			2,7550					
Certificate	DE000VA8FUR6	DSM 70TL 0319V	EUR	11,4850	11,4850	11,4850			11,4850					
Certificate	DE000VA8FXV6	DSM 70TL 1218V	EUR	11,4750	11,4750	11,4750			11,4750					
Certificate	DE000CP06ZN6	DSM 70TL OPENC	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CY51US4	DSM 70TL OPENC	EUR	13,0500	13,0500	12,8800	717,7500	1	12,8800	55				
Certificate	DE000CY51WA8	DSM 70TL OPENC	EUR	16,1800	16,1800	16,1800			16,1800					
Certificate	DE000CP06W11	DSM 70TL OPENC	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	NL0012494553	DSM 71B0C1218B	EUR	70,8200	70,8200	70,8200			70,8200					
Certificate	DE000VA71T06	DSM 72TL 0319V	EUR	9,5650	9,5650	9,5650			9,5650					
Certificate	DE000VA8FUP0	DSM 72TL 1218V	EUR	9,4750	9,4750	9,4750			9,4750					
Certificate	DE000VA80G18	DSM 74TL 0319V	EUR											
Certificate	DE000VA80GU8	DSM 74TL 1218V	EUR											
Certificate	DE000CY52BC6	DSM 75TL OPENC	EUR	11,4500	11,4500	11,4500			11,4500					
Certificate	DE000VA80G34	DSM 76TL 0319V	EUR											
Certificate	DE000VA80GX2	DSM 76TL 1218V	EUR											
Certificate	DE000VA8F055	DSM 76TS 0319V	EUR											
Certificate	DE000VA8F4J0	DSM 76TS 1218V	EUR											
Certificate	DE000VA8FUK1	DSM 78TS 0319V	EUR											
Certificate	DE000VA8FUT2	DSM 78TS 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	DE000VA8FUM7	DSM 80TS 0319V	EUR											
Certificate	DE000VA8FUV8	DSM 80TS 1218V	EUR											
Certificate	DE000CQ58Y21	DSM 80TS OPENC	EUR											
Certificate	DE000VA710R2	DSM 82TS 0319V	EUR	1,7750	1,7750	1,7750			1,7750					
Certificate	DE000VA8FR49	DSM 82TS 1218V	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	DE000VA32088	DSM 84TL 1218V	EUR											
Certificate	DE000VA710S0	DSM 84TS 0319V	EUR	3,7000	3,8700	3,6850	1312,0000	2	3,8350	350				
Certificate	DE000VA710T8	DSM 84TS 1218V	EUR	3,7350	3,7350	3,7350			3,7350					
Certificate	DE000CQ58FB1	DSM 85TL OPENC	EUR											
Certificate	DE000CQ58E39	DSM 85TL OPENC	EUR											
Certificate	DE000CP06TV2	DSM 85TS OPENC	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	DE000CP06ZQ9	DSM 85TS OPENC	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000CP06WL7	DSM 85TS OPENC	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000VA7TE23	DSM 86TS 0319V	EUR	5,6850	5,6850	5,6850			5,6850					
Certificate	DE000VA7TE49	DSM 86TS 1218V	EUR	5,5750	5,5750	5,5750			5,5750					
Certificate	DE000VA7TDU9	DSM 88TS 0319V	EUR	7,5350	7,5350	7,5350			7,5350					
Certificate	DE000VA7TDV7	DSM 88TS 1218V	EUR	7,4150	7,4150	7,4150			7,4150					
Certificate	DE000VA7TB09	DSM 90TS 0319V	EUR	9,3750	9,3750	9,3750			9,3750					
Certificate	DE000VA7TBG2	DSM 90TS 1218V	EUR	9,2650	9,2650	9,2650			9,2650					
Certificate	DE000CP06WM5	DSM 90TS OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CP06ZR7	DSM 90TS OPENC	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000CP06TW0	DSM 90TS OPENC	EUR	9,2700	9,2700	9,2700			9,2700					
Certificate	NL0012649040	DSM 91BOC1218Z	EUR	88,8150	88,8150	88,8150			88,8150					
Certificate	DE000VA7PWQ5	DSM 92TS 0319V	EUR	11,3350	11,3350	11,3350			11,3350					
Certificate	DE000VA7PWT9	DSM 92TS 1218V	EUR	11,2650	11,2650	11,2650			11,2650					
Certificate	NL0012795249	DSM 94BOC1218Z	EUR	80,8000	80,8000	80,8000			80,8000					
Certificate	DE000VA7PVE3	DSM 94TS 0319V	EUR	13,3450	13,3450	13,3450			13,3450					
Certificate	DE000VA3ZYF2	DSM 94TS 1218V	EUR	13,2650	13,2650	13,2650			13,2650					
Certificate	NL0012987267	DSM 96BOC0619B	EUR	82,7500	83,0500	82,7500			83,0500					
Certificate	DE000VA64074	DSM 96TS 0319V	EUR	15,3450	15,3450	15,3450			15,3450					
Certificate	DE000VA323C8	DSM 96TS 1218V	EUR	15,2650	15,2650	15,2650			15,2650					
Certificate	DE000VA64090	DSM 98TS 0319V	EUR	17,3550	17,3550	17,3550			17,3550					
Certificate	DE000VA4ARMN6	DSM 98TS 1218V	EUR	17,2750	17,2750	17,2750			17,2750					
Certificate	DE000VA64058	DSM 100TS 0319V	EUR	19,3550	19,3550	19,3550			19,3550					
Certificate	DE000VA4RQB2	DSM 100TS 1218V	EUR	19,2750	19,2750	19,2750			19,2750					
Certificate	DE000CY52BD4	DSM 100TS OPENC	EUR	20,3100	20,3100	20,3100			20,3100					
Certificate	DE000CP06ZS5	DSM 100TS OPENC	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CP060D8	DSM 100TS OPENC	EUR	19,0500	19,0500	19,0500			19,0500					
Certificate	DE000CY529W1	DSM 100TS OPENC	EUR	15,6400	15,6400	15,6400			15,6400					
Certificate	DE000CP06WN3	DSM 100TS OPENC	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000CP064S8	DSM 100TS OPENC	EUR	22,8100	22,8100	22,8100			22,8100					
Certificate	DE000VA64066	DSM 102TS 0319V	EUR	21,3550	21,3550	21,3550			21,3550					
Certificate	DE000CQ58FC9	DSM 110TS OPENC	EUR	31,8800	31,8800	31,8800			31,8800					
Certificate	DE000CQ58E47	DSM 110TS OPENC	EUR	27,7600	27,7600	27,7600			27,7600					
Certificate	NL0012121073	DSM 60.BL OPENB	EUR	21,4750	21,8550	21,4750	2163,5000	2	21,8550	100				
Certificate	NL0012547087	DSM 100.TS OPENH	EUR	27,2800	27,2800	26,8700			26,8700					
Certificate	NL0009258938	DSM 17.5TL OPENB	EUR	65,0550	65,0550	65,0550			65,0550					
Certificate	NL0009459874	DSM 19.9TL OPENB	EUR	62,8550	62,8550	62,8550			62,8550					
Certificate	NL0010010534	DSM 23.2TL OPENB	EUR	59,8150	59,8150	59,8150			59,8150					
Certificate	NL0010175147	DSM 29.8TL OPENB	EUR	53,6150	53,6150	53,6150			53,6150					
Certificate	NL0010252292	DSM 33.1TL OPENB	EUR	50,5650	50,5650	50,5650			50,5650					
Certificate	NL0011656830	DSM 40.9TL OPENB	EUR	42,9050	43,2850	42,9050			43,2850					
Certificate	NL0011799317	DSM 43.6TL OPENB	EUR	40,4650	40,8450	40,4650			40,8450					
Certificate	NL0011818463	DSM 46.2TL OPENB	EUR	38,0350	38,4150	38,0350			38,4150					
Certificate	NL0011906433	DSM 48.7TL OPENB	EUR	35,6550	36,1700	35,6550	10851,0000	1	36,0350	300				
Certificate	NL0011908629	DSM 51.4TL OPENB	EUR	33,1550	33,5350	33,1550			33,5350					
Certificate	NL0012110787	DSM 56.5TL OPENB	EUR	28,3850	28,7650	28,3850			28,7650					
Certificate	NL0012120679	DSM 59.1TL OPENB	EUR	26,0150	26,3950	26,0150	26225,0000	2	26,3950	1000				
Certificate	NL0012495899	DSM 64.2TL OPENB	EUR	21,2550	21,6350	21,2550			21,6350					
Certificate	NL0012520407	DSM 66.2TL OPENH	EUR	19,4000	19,7800	19,4000			19,7800					
Certificate	NL0012499008	DSM 66.7TL OPENB	EUR	18,9150	19,2950	18,9150			19,2950					
Certificate	NL0012502611	DSM 69.3TL OPENB	EUR	16,5000	16,8950	16,5000	1650,0000	1	16,8950	100				
Certificate	NL0012507982	DSM 71.8TL OPENB	EUR	14,1850	15,1500	14,1850	23579,9500	7	14,5650	1617				
Certificate	DE000CJ3N2Q5	DSM 72.5TL 1218Z	EUR	1,8300	1,8550	1,8300	18,3000	1	1,8550	10				
Certificate	NL0012538086	DSM 73.4TL OPENH	EUR	12,7000	13,0700	12,7000			13,0700					
Certificate	NL0013016025	DSM 76.8TS OPENB	EUR											
Certificate	NL0013014210	DSM 81.8TS OPENB	EUR	7,4750	7,4750	7,4750			7,4750					
Certificate	NL0013007958	DSM 86.8TS OPENB	EUR	12,9300	12,9500	12,5150	2189,6000	3	12,5150	170				
Certificate	NL0013079312	DSM 87.9TS OPENH	EUR	14,1700	14,1700	13,7600			13,7600					
Certificate	NL0013005176	DSM 90.6BS OPENB	EUR	10,2250	10,2250	9,8250			9,8250					
Certificate	NL0013005572	DSM 91.8TS OPENB	EUR	18,2950	18,2950	17,4400	924,3200	1	17,8950	53				
Certificate	NL0012793020	DSM 92.6BOC1218B	EUR	80,5000	80,8500	80,5000			80,8500					



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	NL0012933238	DSM 95.1TS OPENH	EUR	21,9500	21,9500	21,5400			21,5400					
Certificate	NL0012508733	DSM 96.7TS OPENB	EUR	23,5950	23,5950	23,1950			23,1950					
Certificate	DE000VA1GMQ8	DSM 97.3TS OPENV	EUR	13,1450	13,1450	13,1450			13,1450					
Certificate	NL0013003239	DSM 98.8BOC0919B	EUR	77,9500	78,3500	77,9500			78,3500					
Certificate	DE000VA1GMR6	DSM 99.3TS OPENV	EUR	15,1150	15,1150	15,1150			15,1150					
Certificate	DE000CV87SL3	DSM 100.1TS OPENZ	EUR	3,7950	3,7950	3,7950			3,7950					
Certificate	DE000VAGEFY0	DSM 100.3TS OPENV	EUR	19,1450	19,1450	19,1450			19,1450					
Certificate	NL0012555791	DSM 100.4TS OPENH	EUR	27,6300	27,6300	27,2200			27,2200					
Certificate	DE000VAGEF38	DSM 101.3TS OPENV	EUR	20,1350	20,1350	20,1350			20,1350					
Certificate	NL0012791040	DSM 101.6TS OPENB	EUR	28,8850	28,8850	28,4850			28,4850					
Certificate	DE000VAGEF87	DSM 102.3TS OPENV	EUR	21,1350	21,1350	21,1350			21,1350					
Certificate	DE000VAGTY87	DSM 105.3TS OPENV	EUR	24,1250	24,1250	24,1250			24,1250					
Certificate	DE000VA4YWS0	DSM 105.4TS OPENV	EUR	23,1150	23,1150	23,1150			23,1150					
Certificate	NL0012938260	DSM 108.2TS OPENH	EUR	36,0900	36,0900	35,6800			35,6800					
Certificate	NL0012901664	DSM 108.6TS OPENH	EUR	36,4900	36,4900	36,0900			36,0900					
Certificate	NL0012605604	DSM 108.8TS OPENH	EUR	36,7800	36,7800	36,3700			36,3700					
Certificate	NL0012615520	DSM 109.1TS OPENH	EUR	37,0300	37,0300	36,6300			36,6300					
Certificate	DE000CV88WR0	DSM 110.1TS OPENZ	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	NL0012892392	DSM 120.2TS OPENH	EUR	49,1200	49,1200	48,7200			48,7200					
Certificate	NL0012903884	DSM 120.6TS OPENH	EUR	49,4700	49,4700	49,0700			49,0700					
Certificate	DE000CG2PNX8	DSM 17.44TL OPENC	EUR	69,8800	69,8800	69,8800			69,8800					
Certificate	NL0011039391	DSM 32.68TL OPENH	EUR	50,5800	50,9600	50,5800			50,9600					
Certificate	NL0011040142	DSM 34.81TL OPENH	EUR	48,6100	48,9800	48,6100			48,9800					
Certificate	NL0011721105	DSM 38.75TL OPENH	EUR	44,9400	45,3100	44,9400			45,3100					
Certificate	NL0011655634	DSM 41.01BL OPENB	EUR	40,4550	40,8350	40,4550			40,8350					
Certificate	NL0011713664	DSM 42.46TL OPENH	EUR	41,4900	41,8600	41,4900			41,8600					
Certificate	NL0011721097	DSM 43.96TL OPENH	EUR	40,0800	40,4700	40,0800			40,4700					
Certificate	DE000CN6L4J7	DSM 46.53TL OPENZ	EUR	34,2800	36,2300	34,2800			36,2300					
Certificate	NL0011895842	DSM 47.92TL OPENH	EUR	36,4100	36,7800	36,4100			36,7800					
Certificate	NL0011893623	DSM 48.09TL OPENH	EUR	36,2500	36,6200	36,2500			36,6200					
Certificate	NL0011907449	DSM 51.65BL OPENB	EUR	29,8050	30,1850	29,8050	541,2600	1	30,1850	18				
Certificate	DE000CJ3N2Z6	DSM 51.72TL OPENZ	EUR	5,9600	5,9600	5,9600			5,9600					
Certificate	NL0011927769	DSM 52.05TL OPENH	EUR	32,5600	32,9400	32,5600			32,9400					
Certificate	DE000VN6VOH4	DSM 53.62TL OPENV	EUR	29,5050	29,5050	29,5050			29,5050					
Certificate	DE000CE6BDL7	DSM 53.69TL OPENZ	EUR	5,4650	5,8550	5,4650			5,8550					
Certificate	NL0012106058	DSM 55.84BL OPENB	EUR	25,6350	26,0150	25,6350			26,0150					
Certificate	NL0012057491	DSM 56.11TL OPENH	EUR	28,7800	29,1600	28,7800			29,1600					
Certificate	NL0012093751	DSM 56.17TL OPENH	EUR	28,7300	29,1100	28,7300			29,1100					
Certificate	LU1477374323	DSM 56.75TCIOPENS	EUR	26,0300	26,0300	26,0300			26,0300					
Certificate	NL0012208359	DSM 60.14TL OPENH	EUR	25,0200	25,4100	25,0200			25,4100					
Certificate	DE000CE6C8Q3	DSM 61.82TL OPENZ	EUR	3,9450	3,9450	3,9450			3,9450					
Certificate	DE000CE6EUM3	DSM 61.89TL OPENZ	EUR	4,2650	4,2650	4,2650			4,2650					
Certificate	DE000VL2FSR0	DSM 62.71TL OPENV	EUR	19,2550	19,2550	19,2550			19,2550					
Certificate	NL0012494215	DSM 64.12BL OPENB	EUR	17,3650	17,9100	17,3650	537,3000	1	17,7450	30				
Certificate	DE000VL2FT57	DSM 64.77TL OPENV	EUR	17,2000	17,2150	17,2000	120,4000	1	17,2150	7				
Certificate	LU1612176625	DSM 66.11TCIOPENS	EUR	15,8000	15,8000	15,8000			15,8000					
Certificate	NL0012497416	DSM 66.17BL OPENB	EUR	15,3050	16,1100	15,0200	3128,5000	3	15,6850	200				
Certificate	DE000VL37FC5	DSM 66.73TL OPENV	EUR	18,4750	18,4750	18,4750			18,4750					
Certificate	DE000CE6EYM5	DSM 66.78TL OPENZ	EUR	2,9650	2,9650	2,9650			2,9650					
Certificate	DE000VL2FV87	DSM 66.79TL OPENV	EUR	15,1850	15,1850	15,1850			15,1850					
Certificate	NL0012499990	DSM 68.22BL OPENB	EUR	13,2550	13,6350	13,2550	994,5000	1	13,6350	75				
Certificate	DE000VL37FD3	DSM 68.73TL OPENV	EUR	16,5350	16,5350	16,5350			16,5350					
Certificate	DE000VL2FXP4	DSM 68.88TL OPENV	EUR	13,1450	13,1450	13,1450			13,1450					
Certificate	LU1859834639	DSM 69.27TCIOPENS	EUR	12,4800	12,4800	12,4800			12,4800					
Certificate	NL0012526537	DSM 69.35TL OPENH	EUR	16,4700	16,8500	16,4700			16,8500					
Certificate	NL0012502710	DSM 70.28BL OPENB	EUR	11,2050	11,5850	11,2050			11,5850					
Certificate	DE000VL37FE1	DSM 70.73TL OPENV	EUR	14,6050	14,6050	14,6050			14,6050					
Certificate	DE000VL2FXR0	DSM 70.88TL OPENV	EUR	11,1150	11,1150	11,1150			11,1150					
Certificate	DE000CE6FQE5	DSM 71.12TL OPENZ	EUR	2,5000	2,5000	2,4750	254,9600	3	2,4750	102				
Certificate	LU1859832344	DSM 71.22TCIOPENS	EUR	10,5300	10,5300	10,5300			10,5300					
Certificate	DE000CE6FE22	DSM 71.75TL OPENZ	EUR	1,8850	2,0800	1,8800	29486,2500	14	1,9650	15025				
Certificate	NL0012507776	DSM 72.31BL OPENB	EUR	9,1650	9,7600	9,1650	36946,4800	7	9,5450	3873				
Certificate	DE000VL37FF8	DSM 72.73TL OPENV	EUR	12,6650	12,6650	12,6650			12,6650					
Certificate	DE000VL37FG6	DSM 72.88TL OPENV	EUR	9,1500	9,1500	9,0950	2745,0000	1	9,0950	300				
Certificate	DE000VA8FZM6	DSM 73.34TL OPENV	EUR	7,9200	8,0650	7,9200	396,0000	1	8,0650	50				
Certificate	LU1840981051	DSM 74.15TCIOPENS	EUR											
Certificate	DE000VA8OKT2	DSM 74.36TL OPENV	EUR											
Certificate	DE000VA8OKU0	DSM 75.36TL OPENV	EUR											
Certificate	NL0013128309	DSM 76.04TS OPENH	EUR											
Certificate	DE000VA8F3U9	DSM 76.11TS OPENV	EUR											
Certificate	DE000VA87EZ7	DSM 76.36TL OPENV	EUR	5,0750	5,0750	5,0750			5,0750					
Certificate	DE000VA8FZL8	DSM 77.11TS 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	NL0013127368	DSM 78.04TS OPENH	EUR											
Certificate	DE000VA8FW75	DSM 78.11TS OPENV	EUR											
Certificate	NL0013014970	DSM 78.688S OPENB	EUR											
Certificate	LU1859830645	DSM 78.85TPIOPENS	EUR											
Certificate	DE000VA8OKR6	DSM 79.07TS OPENV	EUR											
Certificate	DE000VA8FW83	DSM 79.11TS OPENV	EUR											
Certificate	NL0013087331	DSM 79.99TS OPENH	EUR											
Certificate	DE000VA8FW91	DSM 80.11TS OPENV	EUR											
Certificate	DE000VA8FTV0	DSM 81.11TS OPENV	EUR											
Certificate	LU1859714229	DSM 81.53TPIOPENS	EUR											
Certificate	NL0013014400	DSM 81.648S OPENB	EUR	1,2650	1,4100	1,2650	42,3000	1	1,3850	30				
Certificate	DE000VA71079	DSM 82.13TS OPENV	EUR	1,5550	1,5550	1,5550			1,5550					
Certificate	DE000VA71087	DSM 83.13TS OPENV	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	DE000VA711A6	DSM 84.13TS OPENV	EUR	3,3350	3,3350	3,3350			3,3350					
Certificate	LU1859714492	DSM 84.16TPIOPENS	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000VA3TKX7	DSM 84.62TL OPENV	EUR											
Certificate	NL0013008980	DSM 84.638S OPENB	EUR	4,2550	4,2550	3,2500	3413,5000	3	3,8550	1000				
Certificate	DE000VA7TFU4	DSM 85.17TS OPENV	EUR	4,2250	4,2250	4,2250			4,2250					
Certificate	DE000VA7TFV2	DSM 86.17TS OPENV	EUR	5,2050	5,2050	5,2050			5,2050					
Certificate	DE000VA7TFW0	DSM 87.17TS OPENV	EUR	6,1950	6,1950	6,1950			6,1950					
Certificate	NL0013007701	DSM 87.628S OPENB	EUR	7,2350	7,2350	6,8350			6,8350					
Certificate	DE000VA7TEJ0	DSM 88.17TS OPENV	EUR	7,1950	7,1950	7,1950			7,1950					
Certificate	DE000VA7TDC7	DSM 89.17TS OPENV	EUR	8,1850	8,1850	8,1850			8,1850					
Certificate	DE000CJ3N203	DSM 90.14TS OPENZ	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	DE000VA7TAK6	DSM 90.17TS OPENV	EUR	9,1750	9,1750	9,1750			9,1750					
Certificate	LU1840912247	DSM 90.39TPIOPENS	EUR	9,3800	9,3800	9,3800			9,3800					
Certificate	DE000VA7TAL4	DSM 91.17TS OPENV	EUR	10,1750	10,1750	10,1750			10,1750					
Certificate	DE000VA7TAM2	DSM 92.17TS OPENV	EUR	11,1750	11,1750	11,1750			11,1750					
Certificate	DE000VA7PV34	DSM 93.17TS OPENV	EUR	12,1550	12,1550	12,1550			12,1550					
Certificate	NL0012790687	DSM 93.578S OPENB	EUR	12,7950	12,7950	12,7950			12,7950					
Certificate	LU1790492950	DSM 96.25TPIOPENS	EUR	13,8300	13,8300	13,8300			13,8300					
Certificate	NL0012580773	DSM 96.55TS OPENH	EUR	23,5200	23,5200	23,1200			23,1200					
Certificate	NL0012970461	DSM 96.568S OPENB	EUR	15,7750	15,7750	15,7750			15,7750					
Certificate	DE000VA6EGF7	DSM 99.27TS OPENV	EUR	18,1450	18,1450	18,1450			18,1450					
Certificate	NL0013000474	DSM 99.558S OPENB	EUR	19,1750	19,1750	18,7750	191,1000	1	18,7750	10				
Certificate	DE000VA15PC3	DSM 99.83TS OPENV	EUR	17,1150	17,1150	17,1150			17,1150					
Certificate	NL0012686604	DTELK 12TL OPENB	EUR	3,3200	3,3200	3,3100			3,3100					
Certificate	DE000CX59CY5	DTELK 12TL OPENC	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	DE000CX0K4E4	DTELK 12TL OPENC	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	NL0012531081	DTELK 16TS OPENH	EUR	2,7900	2,8300	2,7900			2,8300					
Certificate	DE000CX0H922	DTELK 20TS OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CX0HAE5	DTELK 20TS OPENC	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	NL0010114997	DTELK 4.6TL OPENB	EUR	10,2100	10,2100	10,2100			10,2100					
Certificate	NL0010894572	DTELK 7.3TL OPENB	EUR	7,6700	7,6700	7,6600			7,6600					
Certificate	NL0010894580	DTELK 8.5TL OPENB	EUR	6,5800	6,5800	6,5700			6,5700					
Certificate	DE000CR9RQP5	DTELK 10.6TL OPENZ	EUR	3,9500	3,9500	3,8100			3,8100					
Certificate	NL0012781629	DTELK 12.8TL OPENB	EUR	2,6000	2,6000	2,5900			2,5900					
Certificate	DE000CV89Y27	DTELK 13.1TL OPENZ	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0013007842	DTELK 13.5TL OPENB	EUR	1,9500	1,9500	1,9400			1,9400					
Certificate	NL0012275341	DTELK 15.6TS OPENB	EUR	2,5300	2,5300	2,5300			2,5300					
Certificate	NL0012054993	DTELK 16.8TS OPENH	EUR	3,6600	3,7000	3,6600			3,7000					
Certificate	NL0013002967	DTELK 17.1TS OPENB	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	NL0011054317	DTELK 9.62TL OPENH	EUR	5,4400	5,4400	5,4100			5,4100					
Certificate	NL0011054309	DTELK11.74TL OPENH	EUR	3,4600	3,4600	3,4300			3,4300					
Certificate	DE000CR9P2U2	DTELK12.11TL OPENZ	EUR	2,4500	2,4500	2,3000			2,3000					
Certificate	NL0012578819	DTELK15.22TS OPENH	EUR	1,9500	1,9900	1,9500			1,9900					
Certificate	NL0011054259	DTELK17.17TS OPENH	EUR	4,0500	4,0900	4,0500			4,0900					
Certificate	NL0012245393	DTELK18.15TS OPENH	EUR	5,1000	5,1400	5,1000			5,1400					
Certificate	NL0012245153	DTELK20.07TS OPENH	EUR	7,1700	7,2100	7,1700			7,2100					
Certificate	NL0011054242	DTELK20.84TS OPENH	EUR	8,0000	8,0400	8,0000			8,0400					
Certificate	DE000CV89YY0	DTELK8.587TL OPENZ	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	NL0006471971	DXBRC 61TL OPENB	EUR	38,1600	38,1600	38,1600			38,1600					
Certificate	NL0009070507	DXBRC 180TL OPENB	EUR	27,1000	27,1000	27,1000			27,1000					
Certificate	NL0009072156	DXBRC 219TL OPENB	EUR	23,5200	23,5200	23,5200			23,5200					
Certificate	DE000CQ58ZV7	EBAY 20TL OPENC	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CY50YT6	EBAY 25TL OPENC	EUR											
Certificate	DE000CY50VZ9	EBAY 25TL OPENC	EUR											
Certificate	DE000CQ58ZW5	EBAY 25TL OPENC	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	DE000CV8ACN2	EBAY 26TL 1218Z	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	DE000CY50YU4	EBAY 30TL OPENC	EUR											
Certificate	DE000CQ58ZX3	EBAY 30TS OPENC	EUR											
Certificate	DE000CY52N00	EBAY 35TL 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	DE000CY52FP9	EBAY 35TL OPENC	EUR											
Certificate	DE000CY52EA4	EBAY 35TL OPENC	EUR											
Certificate	DE000CP067Z6	EBAY 35TS OPENC	EUR		0,6700	0,6700	0,6700			0,6700				
Certificate	DE000CY52JL0	EBAY 36TL OPENC	EUR											
Certificate	DE000CP067C5	EBAY 36TS OPENC	EUR		0,5800	0,5800	0,5800			0,5800				
Certificate	DE000CY52SH0	EBAY 38TS OPENC	EUR											
Certificate	DE000CQ58TT4	EBAY 40TS OPENC	EUR		0,9300	0,9300	0,9300			0,9300				
Certificate	DE000CQ58HX1	EBAY 40TS OPENC	EUR		1,1100	1,1100	1,1100			1,1100				
Certificate	DE000CQ5A602	EBAY 45TS OPENC	EUR		1,3300	1,3300	1,3300			1,3300				
Certificate	DE000CQ5A8V0	EBAY 45TS OPENC	EUR		1,5500	1,5500	1,5500			1,5500				
Certificate	DE000CQ5A1H4	EBAY 48TS OPENC	EUR		1,5800	1,5800	1,5800			1,5800				
Certificate	NL0009796358	EBAY 32.1TL OPENB	EUR		7,3000	7,3000	7,3000			7,3000				
Certificate	NL0010117917	EBAY 41.7TL OPENB	EUR		6,5200	6,5200	6,5200			6,5200				
Certificate	NL0010132791	EBAY 51.8TL OPENB	EUR		5,7000	5,7000	5,7000			5,7000				
Certificate	DE000CJ3PG61	EBAY 17.13TL OPENZ	EUR		2,1550	2,1550	2,1550			2,1550				
Certificate	DE000CV89U35	EBAY 22.65TL OPENZ	EUR		1,1950	1,1950	1,1950			1,1950				
Certificate	DE000CJ3PE97	EBAY 25.01TL OPENZ	EUR		0,7750	0,7750	0,7750			0,7750				
Certificate	DE000CJ3PVY4	EBAY 27.52TL OPENZ	EUR		0,3450	0,3450	0,3450			0,3450				
Certificate	NL0000116796	EBR6M STN0335N	EUR	116,9000	117,7500	116,9000	11750,0000	1	117,7500	10000				
Certificate	NL0000116994	EBR6M STN0520N	EUR											
Certificate	NL0000117216	EBR6M STN0620N	EUR											
Certificate	NL0000117547	EBR6M STN1020N	EUR											
Certificate	NL0000168789	EBRSP 0%DSP1121N	EUR											
Certificate	DE000CV8A088	ECONB 1.53TL OPENZ	EUR		0,3100	0,3100	0,3100			0,3100				
Certificate	DE000CV89V59	ECONB 1.76TL OPENZ	EUR		0,2600	0,2700	0,2600	1300,0000	1	0,2700	5000			
Certificate	DE000CV89V67	ECONB 1.99TL OPENZ	EUR		0,2200	0,2300	0,2200	3509,0000	2	0,2300	15950			
Certificate	DE000CV89V75	ECONB 2.22TL OPENZ	EUR		0,1900	0,1900	0,1800	152,0000	1	0,1800	800			
Certificate	DE000CJ3PRW6	ECONB 2.42TL OPENZ	EUR		0,7450	0,7450	0,7450			0,7450				
Certificate	DE000CV8B3Y1	ECONB 2.94TL OPENZ	EUR											
Certificate	DE000CV8ANT6	EDF 12.TL OPENZ	EUR		0,6900	0,6900	0,6900			0,6900				
Certificate	NL0012268528	EDF 8.2TL OPENB	EUR		7,0900	7,1300	7,0900			7,1300				
Certificate	NL0012494033	EDF 9.3TL OPENB	EUR		6,0900	6,1300	6,0900			6,1300				
Certificate	NL0012974067	EDF 11.4TL OPENB	EUR		4,0700	4,1100	4,0700			4,1100				
Certificate	NL0012987044	EDF 12.5TL OPENB	EUR		3,0700	3,1000	3,0700			3,1000				
Certificate	NL0012992564	EDF 13.6TL OPENB	EUR		2,0600	2,1000	2,0600			2,1000				
Certificate	NL0012993521	EDF 16.9TS OPENB	EUR		3,6800	3,6800	3,6200			3,6200				
Certificate	NL0012997845	EDF 18.9TS OPENB	EUR		5,8600	5,8600	5,8000			5,8000				
Certificate	DE000CV87Y33	EDF 10.01TL OPENZ	EUR		1,1800	1,1800	1,1800			1,1800				
Certificate	DE000CV50913	EDF 8.011TL OPENZ	EUR		1,6800	1,6800	1,6800			1,6800				
Certificate	NL0000290393	EGYPTE CT OPENN	EUR		6,3300	6,3300	6,3300			6,3300				
Certificate	DE000CN6G659	EIFAG56.97TL OPENZ	EUR		1,5150	1,5150	1,4950			1,4950				
Certificate	DE000CD648U8	EIFAG63.95TL OPENZ	EUR		1,1650	1,1650	1,1450			1,1450				
Certificate	DE000CE6CHT9	EIFAG71.88TL OPENZ	EUR		0,7550	0,7550	0,7550			0,7550				
Certificate	DE000CE6ECA6	EIFAG80.82TL OPENZ	EUR		0,3150	0,3150	0,3150			0,3150				
Certificate	DE000CY50YM1	ELECT 90TL OPENC	EUR											
Certificate	DE000CY52JK2	ELECT 105TL OPENC	EUR											
Certificate	DE000CQ5A8T4	ELECT 140TS OPENC	EUR											
Certificate	DE000CQ58TQ0	ELECT 140TS OPENC	EUR		4,1900	4,1900	4,1900			4,1900				
Certificate	DE000CQ58TR8	ELECT 150TS OPENC	EUR		5,0600	5,0600	5,0600			5,0600				
Certificate	DE000CJ3PG79	ELECT66.41TL OPENZ	EUR		1,1550	1,1550	1,1550			1,1550				
Certificate	DE000CV887G9	ELECT81.47TL OPENZ	EUR		0,4950	0,4950	0,4950			0,4950				
Certificate	DE000CR90914	ELIAS 30.9TL OPENZ	EUR		1,3050	1,3050	1,3050			1,3050				
Certificate	DE000CR9Q922	ELIAS33.95TL OPENZ	EUR		1,1650	1,1650	1,1650			1,1650				
Certificate	DE000CR9Q930	ELIAS36.91TL OPENZ	EUR		1,0250	1,0250	1,0250			1,0250				
Certificate	DE000CR9SF25	ELIAS40.08TL OPENZ	EUR		0,8750	0,8750	0,8750			0,8750				
Certificate	DE000CN6K6T2	ELIAS43.76TL OPENZ	EUR		0,7050	0,7050	0,7050			0,7050				
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	DE000CV8BDG2	ELUXB 121.TL OPENZ	EUR		0,7450	0,7450	0,7450			0,7450				
Certificate	DE000CV89EN5	ELUXB141.2TL OPENZ	EUR		0,5550	0,5550	0,5550			0,5550				
Certificate	DE000CJ3PRB0	ELUXB161.1TL OPENZ	EUR		0,3650	0,3650	0,3650			0,3650				
Certificate	DE000CV88MG4	ELUXB161.3TL OPENZ	EUR											
Certificate	DE000CV8AUFO	ENEL 2.917TL OPENZ	EUR		1,5000	1,5000	1,5000			1,5000				
Certificate	DE000CE6CB02	ENEL 3.422TL OPENZ	EUR		0,9900	0,9900	0,9900			0,9900				
Certificate	DE000CE6CC19	ENEL 3.919TL OPENZ	EUR		0,5000	0,5000	0,5000			0,5000				
Certificate	NL0010254967	ENGIE 8TL OPENB	EUR		4,6800	4,6800	4,6800			4,6800				
Certificate	NL0010254223	ENGIE 4.7TL OPENB	EUR		7,6900	7,6900	7,6900			7,6900				
Certificate	NL0010115721	ENGIE 5.8TL OPENB	EUR		6,7300	6,7300	6,7300			6,7300				
Certificate	NL0009873744	ENGIE 8.1TL OPENB	EUR		4,6400	4,6400	4,6400			4,6400				
Certificate	NL0012109656	ENGIE 9.6TL OPENB	EUR		3,3100	3,3100	3,2300			3,2300				
Certificate	NL0012259568	ENGIE 11.2TL OPENB	EUR		1,8500	1,8500	1,7700			1,7700				
Certificate	NL0012994297	ENGIE 12.6TS OPENB	EUR		2,0200	2,0900	2,0200			2,0900				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012986749	ENGIE 13.6TS OPENB	EUR	3,2000	3,2700	3,2000			3,2700					
Certificate	NL0012796601	ENGIE 14.380C1218Z	EUR	12,1500	12,1500	12,1500			12,1500					
Certificate	NL0011252085	ENGIE 15.7TS OPENB	EUR	5,4300	5,5000	5,4300				5,5000				
Certificate	NL0011226360	ENGIE 7.42TL OPENH	EUR	5,1100	5,1100	5,0100				5,0100				
Certificate	DE000CN6KX15	ENGIE 8.85TL OPENZ	EUR	3,2850	3,2850	3,0900				3,0900				
Certificate	NL0013000359	ENGIE 8.93BL OPENB	EUR	3,2050	3,2050	3,1250				3,1250				
Certificate	NL0011226352	ENGIE 9.54TL OPENH	EUR	3,1400	3,1400	3,0400				3,0400				
Certificate	NL0012093777	ENGIE 9.58TL OPENH	EUR	3,1000	3,1000	3,0000				3,0000				
Certificate	NL0012998520	ENGIE 9.92BL OPENB	EUR	2,2150	2,2150	2,1350				2,1350				
Certificate	DE000CE6BV74	ENGIE10.85TL OPENZ	EUR	1,3050	1,3050	1,1100				1,1100				
Certificate	NL0012998538	ENGIE10.93BL OPENB	EUR	1,2050	1,2050	1,1250				1,1250				
Certificate	NL0012201743	ENGIE11.07TL OPENH	EUR	1,7100	1,7100	1,6100				1,6100				
Certificate	NL0013128317	ENGIE11.59TL OPENH	EUR	1,2400	1,2400	1,1400				1,1400				
Certificate	DE000CJ3PPM1	ENGIE12.59TS OPENZ	EUR	0,7300	0,7300	0,7300				0,7300				
Certificate	NL0012998553	ENGIE13.07BS OPENB	EUR	1,1950	1,2750	1,1950				1,2750				
Certificate	NL0012894638	ENGIE13.09TS OPENH	EUR	2,1600	2,2600	2,1600				2,2600				
Certificate	NL0012938104	ENGIE13.19TS OPENH	EUR	2,2600	2,3600	2,2600				2,3600				
Certificate	DE000CV89K29	ENGIE14.09TS OPENZ	EUR	2,2100	2,2100	2,2100				2,2100				
Certificate	NL0011888185	ENGIE14.18TS OPENH	EUR	3,3400	3,4300	3,3400				3,4300				
Certificate	NL0011728704	ENGIE14.56TS OPENH	EUR	3,7400	3,8400	3,7400				3,8400				
Certificate	NL0012998561	ENGIE15.06BS OPENB	EUR	3,1850	3,2650	3,1850				3,2650				
Certificate	NL0011226311	ENGIE15.52TS OPENH	EUR	4,7900	4,8800	4,7900				4,8800				
Certificate	DE000CE6EQ23	ENGIE16.08TS OPENZ	EUR	4,2000	4,2000	4,2000				4,2000				
Certificate	NL0012933246	ENGIE17.68TS OPENH	EUR	7,1200	7,2100	7,1200				7,2100				
Certificate	DE000CJ3NPU9	ENGIE17.346TL OPENZ	EUR	4,5900	4,5900	4,5900				4,5900				
Certificate	DE000CR9SK10	ENGIE19.854TL OPENZ	EUR	2,2950	2,2950	2,0900	322,5000	1		2,0900	150			
Certificate	DE000CE6CB10	ENI 11.33TL OPENZ	EUR	3,9850	3,9850	3,9850				3,9850				
Certificate	DE000CV87FP1	ENI 12.33TL OPENZ	EUR	2,9950	2,9950	2,9950				2,9950				
Certificate	DE000CV88FQ7	ENI 14.32TL OPENZ	EUR	1,0250	1,0250	1,0250				1,0250				
Certificate	DE000CJ3PHT3	ENI 9.825TL OPENZ	EUR	5,4800	5,4800	5,4800				5,4800				
Certificate	NL0012774012	EON 8TL OPENB	EUR	1,2350	1,2850	1,2350				1,2850				
Certificate	NL0011979281	EON 4.3TL OPENH	EUR	0,4600	0,4600	0,4600				0,4600				
Certificate	NL0011974951	EON 5.3TL OPENH	EUR	0,3700	0,3700	0,3700				0,3700				
Certificate	NL0011995386	EON 5.6TL OPENH	EUR	0,3400	0,3500	0,3400				0,3500				
Certificate	NL0012049308	EON 5.9TL OPENH	EUR	0,3100	0,3200	0,3100				0,3200				
Certificate	NL0012053359	EON 6.1TL OPENH	EUR	0,2900	0,3000	0,2900				0,3000				
Certificate	NL0011996061	EON 6.2TL OPENH	EUR											
Certificate	NL0012053854	EON 6.3TL OPENH	EUR	0,2800	0,2800	0,2800				0,2800				
Certificate	NL0012242614	EON 6.6TL OPENH	EUR	0,2500	0,2600	0,2500				0,2600				
Certificate	NL0012211981	EON 6.7TL OPENH	EUR	0,2400	0,2500	0,2400				0,2500				
Certificate	NL0012268510	EON 6.9TL OPENB	EUR	2,1750	2,2250	2,1750				2,2250				
Certificate	NL0012244933	EON 6.9TL OPENH	EUR	0,2200	0,2300	0,2200				0,2300				
Certificate	NL0012306823	EON 7.2TL OPENH	EUR	0,1900	0,1900	0,1900				0,1900				
Certificate	NL0012308514	EON 7.5TL OPENH	EUR	0,1700	0,1700	0,1700				0,1700				
Certificate	NL0012310908	EON 7.6TL OPENH	EUR	0,1600	0,1600	0,1600				0,1600				
Certificate	NL0013007198	EON 7.8TL OPENB	EUR	1,4250	1,4750	1,4250				1,4750				
Certificate	NL0011733563	EON 7.8TL OPENH	EUR											
Certificate	NL0012591754	EON 7.9TL OPENH	EUR	0,1300	0,1300	0,1300				0,1300				
Certificate	NL0012591747	EON 8.1TL OPENH	EUR	0,1100	0,1100	0,1100				0,1100				
Certificate	NL0013128325	EON 8.4TL OPENH	EUR	0,0800	0,0900	0,0800				0,0900				
Certificate	NL0013079320	EON 8.7TS OPENH	EUR											
Certificate	NL0013007347	EON 8.9TS OPENB	EUR	1,1250	1,1250	1,0650				1,0650				
Certificate	NL0012897912	EON 9.1TS OPENH	EUR	0,1300	0,1300	0,1200				0,1200				
Certificate	NL0012894232	EON 9.4TS OPENH	EUR	0,1600	0,1600	0,1500				0,1500				
Certificate	NL0012510408	EON 9.9TS OPENB	EUR	2,2150	2,2150	2,1550				2,1550				
Certificate	NL0012902282	EON 9.9TS OPENH	EUR	0,2100	0,2100	0,2100				0,2100				
Certificate	NL0012311567	EON 10.5TS OPENH	EUR	0,2700	0,2700	0,2700				0,2700				
Certificate	NL0012538680	EON 11.1TS OPENH	EUR	0,3400	0,3400	0,3300				0,3300				
Certificate	NL0012538375	EON 11.6TS OPENH	EUR	0,3900	0,3900	0,3900				0,3900				
Certificate	NL0012509228	EON 12.1TS OPENB	EUR	4,5150	4,5150	4,4550				4,4550				
Certificate	DE000CE6CK55	EON 6.066TL OPENZ	EUR	2,5800	2,5800	2,5800				2,5800				
Certificate	DE000CE6CXP4	EON 6.764TL OPENZ	EUR	1,8800	1,8800	1,8800				1,8800				
Certificate	DE000CE6DFJ2	EON 7.458TL OPENZ	EUR	1,1900	1,1900	1,1900				1,1900				
Certificate	DE000CJ3PSC6	EQNR 142.8TL OPENZ	EUR	1,5400	1,5400	1,5400				1,5400				
Certificate	DE000CV8AUP9	EQNR 167.8TL OPENZ	EUR	1,0400	1,0400	1,0400				1,0400				
Certificate	DE000CV8AUQ7	EQNR 188.9TL OPENZ	EUR	0,6200	0,6200	0,6200				0,6200				
Certificate	DE000CV8BEJ4	EQNR 209.9TL OPENZ	EUR											
Certificate	NL0012608558	ERIC5 60TL OPENH	EUR	2,5600	2,5600	2,5600				2,5600				
Certificate	NL0012932388	ERIC5 107.TS OPENH	EUR	3,6800	3,6800	3,6800				3,6800				
Certificate	NL0011989355	ERIC5 41.7TL OPENH	EUR	4,1700	4,1700	4,1700				4,1700				
Certificate	NL0012432082	ERIC523.74TL OPENH	EUR	5,7500	5,7500	5,7500				5,7500				
Certificate	NL0011600705	ERIC532.37TL OPENH	EUR	4,9900	4,9900	4,9900				4,9900				



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	DE000CE6EHYS	ERIC37.58TL OPENZ	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	NL0011989363	ERIC39.64TL OPENH	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000CE6DZM4	ERIC542.65TL OPENZ	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	NL0012520415	ERIC543.98TL OPENH	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	NL0012540488	ERIC547.77TL OPENH	EUR	3,6400	3,6400	3,6400			3,6400					
Certificate	DE000CE6F5P8	ERIC548.66TL OPENZ	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012606214	ERIC550.76TL OPENH	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	DE000CV88G18	ERIC558.62TL OPENZ	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	NL0012930747	ERIC568.02TL OPENH	EUR	1,8500	1,8500	1,8500			1,8500					
Certificate	DE000CV8A2V0	ERIC568.59TL OPENZ	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CJ3PD49	ERIC577.57TL OPENZ	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0012608541	ERIC594.22TS OPENH	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CE6CFW7	Esc1 LEVOPENZ	EUR	10,2700	10,2700	10,1300			10,1300					
Certificate	DE000CE6CFY3	Esc1 LEVOPENZ	EUR	10,8850	10,8850	9,1950			9,1950					
Certificate	DE000CE6CFX5	Esc1 LEVOPENZ	EUR	13,6350	13,6350	12,5650			12,5650					
Certificate	DE000CE6CFZ0	Esc1 SHROPENZ	EUR	3,0230	3,3010	3,0230			3,3010					
Certificate	DE000CE6CG07	Esc1 SHROPENZ	EUR	0,5920	0,7030	0,5920			0,7030					
Certificate	DE000CV4YXH9	ESILO 92.TL OPENZ	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CV4YYT2	ESILO 104.TL OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0012789853	ESILO112.4TL OPENB	EUR	18,0700	18,0700	16,0200			16,0200					
Certificate	NL0012696140	ESILO131.3TS OPENB	EUR	19,1000	21,1500	19,1000			21,1500					
Certificate	NL0012979348	ESILO141.4TS OPENB	EUR	30,0800	32,1300	30,0800			32,1300					
Certificate	NL0009865906	ESILO47.03TL OPENB	EUR	7,6850	7,6850	7,6850			7,6850					
Certificate	DE000CV50921	ESILO81.96TL OPENZ	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0010913299	ESILO87.33TL OPENB	EUR	41,4500	41,4500	39,4000			39,4000					
Certificate	NL0012146047	ESTX DIS1218Z	EUR	32,0600	32,0600	32,0600			32,0600					
Certificate	NL0012146021	ESTX DIS1218Z	EUR	31,2600	31,2600	31,2600			31,2600					
Certificate	NL0012146039	ESTX DIS1218Z	EUR	32,0400	32,0400	32,0400			32,0400					
Certificate	XS0695424175	ESTX ILC1121G	EUR	139,1400	139,1400	139,1400			139,1400					
Certificate	FR0013090727	ESTX PI 0126M	EUR											
Certificate	FR0012239325	ESTX PI 1020M	EUR	103174,0000	103174,0000	103174,0000			103174,0000					
Certificate	DE0005437453	ESTX PI OPENN	EUR	32,4200	32,4200	32,4200			32,4200					
Certificate	DE0006075302	ESTX PI OPENN	EUR	29,7300	29,7300	29,7300			29,7300					
Certificate	CH0025954865	ESTX PI OPENU	EUR											
Certificate	XS1346712893	ESTX STN0119B	EUR	105,3000	105,3000	105,3000			105,3000					
Certificate	XS1237165821	ESTX STN0124K	EUR											
Certificate	XS1185155105	ESTX STN0220B	EUR											
Certificate	DE000UBS3VL8	ESTX STN0220U	EUR											
Certificate	XS1194403868	ESTX STN0320B	EUR	106,0000	106,0000	106,0000			106,0000					
Certificate	NL0011218649	ESTX STN0320V	EUR	108,3500	108,3500	108,3500			108,3500					
Certificate	XS1760093739	ESTX STN0323B	EUR	102,5000	102,5000	102,5000			102,5000					
Certificate	XS1561115541	ESTX STN0323H	EUR	101,5900	101,5900	101,5900			101,5900					
Certificate	NL0012249148	ESTX STN0323V	EUR	103,6000	103,6000	103,3500	25900,0000	1	103,3500	25000				
Certificate	NL0012128706	ESTX STN0324V	EUR											
Certificate	DE000UBS5VL3	ESTX STN0421U	EUR											
Certificate	FR0013139227	ESTX STN0423K	EUR											
Certificate	XS1236606171	ESTX STN0520B	EUR											
Certificate	DE000UBS7VL9	ESTX STN0522U	EUR	98,6500	98,6500	98,6500			98,6500					
Certificate	NL0012247753	ESTX STN0522V	EUR	101,3000	101,3000	101,3000			101,3000					
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	XS183250534	ESTX STN0623B	EUR	96,6500	96,6500	95,3500	19330,0000	1	95,3500	20000				
Certificate	NL0011218847	ESTX STN0623V	EUR	101,4000	101,6500	101,4000	43602,0000	1	101,6500	43000				
Certificate	XS1261825209	ESTX STN0720B	EUR	99,4000	99,4000	99,4000			99,4000					
Certificate	NL0012248066	ESTX STN0721V	EUR											
Certificate	XS1193715031	ESTX STN0722K	EUR											
Certificate	NL0011218045	ESTX STN0722V	EUR											
Certificate	XS1688382123	ESTX STN0920B	EUR	92,9000	92,9000	92,9000			92,9000					
Certificate	XS1289114990	ESTX STN0924K	EUR											
Certificate	NL0011218342	ESTX STN1019V	EUR	100,9000	100,9000	100,6500	10090,0000	1	100,6500	10000				
Certificate	XS1120476467	ESTX STN1119B	EUR											
Certificate	XS1093363197	ESTX STN1119K	EUR											
Certificate	DE000UBS4VL6	ESTX STN1120U	EUR											
Certificate	NL0010871810	ESTX STN1120V	EUR											
Certificate	NL0011219324	ESTX STN1121V	EUR	99,1000	99,1000	99,1000			99,1000					
Certificate	DE000UBS9VL5	ESTX STN1122U	EUR	98,2000	98,2000	98,2000			98,2000					
Certificate	DE000UBS8VL7	ESTX STN1122U	EUR	100,7000	100,7000	100,7000			100,7000					
Certificate	XS0708791404	ESTX STN1218K	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	NL0012249643	ESTX 45TN0623V	EUR	97,7000	97,7000	97,7000			97,7000					
Certificate	NL0012249635	ESTX 95TN0523V	EUR											
Certificate	XS1573878474	ESTX 95TN0722H	EUR	99,7300	99,7300	99,7300			99,7300					
Certificate	NL0012236400	ESTX 38BON0619Z	EUR	35,0700	35,0700	35,0700			35,0700					
Certificate	NL0012236384	ESTX 38BON1218Z	EUR	35,8100	35,8100	35,8100			35,8100					
Certificate	NL0012236129	ESTX 100TW11218Z	EUR	110,5200	110,5200	110,5200			110,5200					
Certificate	NL0006471989	ESTX 810TL OPENB	EUR	24,3450	24,3450	24,3450			24,3450					
Certificate	NL0006467466	ESTX 1020TL OPENB	EUR	22,2850	22,2850	22,2850			22,2850					
Certificate	NL0009069921	ESTX 1250TL OPENB	EUR	20,0950	20,0950	20,0950			20,0950					
Certificate	NL0009998277	ESTX 1580TL OPENB	EUR	16,8250	16,8250	16,8250			16,8250					
Certificate	NL0011595590	ESTX 1767TRLOPENH	EUR	14,4800	14,4800	14,4800			14,4800					
Certificate	NL0011596424	ESTX 1780TL OPENH	EUR	14,8500	14,8500	14,8500			14,8500					
Certificate	DE000CX00542	ESTX 1903TL OPENC	EUR	14,7700	14,7700	14,7700			14,7700					
Certificate	NL0010131686	ESTX 1930TL OPENB	EUR	13,4750	13,4750	13,4750			13,4750					
Certificate	DE000CN6JFW1	ESTX 1992TL OPENZ	EUR	12,7200	12,7200	12,4750			12,4750					
Certificate	NL0010134128	ESTX 2030TL OPENB	EUR	12,4850	12,4850	12,4850			12,4850					
Certificate	NL0011602073	ESTX 2040TL OPENH	EUR	12,3700	12,3700	12,3700			12,3700					
Certificate	NL0011600499	ESTX 2080TL OPENH	EUR	11,9600	11,9600	11,9600			11,9600					
Certificate	DE000CN6JQD8	ESTX 2102TL OPENZ	EUR	11,4100	11,4100	11,1600			11,1600					
Certificate	NL0010890109	ESTX 2110TL OPENB	EUR	11,7250	11,7250	11,7250			11,7250					
Certificate	NL0010253605	ESTX 2140TL OPENB	EUR	11,3850	11,3850	11,3850			11,3850					
Certificate	DE000CT9JA76	ESTX 2145TL OPENC	EUR	12,2200	12,2200	12,2200			12,2200					
Certificate	NL0011600812	ESTX 2150TRLOPENH	EUR	10,6500	10,6500	10,6500			10,6500					
Certificate	DE000CN6JQC0	ESTX 2153TL OPENZ	EUR	10,8900	10,8900	10,6450			10,6450					
Certificate	NL0011596390	ESTX 2160TL OPENH	EUR	11,2000	11,2000	11,2000			11,2000					
Certificate	NL0011595582	ESTX 2197TRLOPENH	EUR	10,1800	10,1800	10,1800			10,1800					
Certificate	DE000C22FL97	ESTX 2198TL OPENZ	EUR	10,6800	10,6800	10,4350			10,4350					
Certificate	NL0011596382	ESTX 2200TL OPENH	EUR	10,7800	10,7800	10,7800			10,7800					
Certificate	NL0011035787	ESTX 2250TL OPENH	EUR	10,3100	10,3100	10,3100			10,3100					
Certificate	NL0011646815	ESTX 2279BL OPENB	EUR	9,8700	9,8700	9,5750	9870,0000	1	9,5750	1000				
Certificate	NL0011595574	ESTX 2284TRLOPENH	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	NL0011602065	ESTX 2290TL OPENH	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	DE000C27DLC8	ESTX 2309TL OPENZ	EUR	9,5900	9,5900	9,3450			9,3450					
Certificate	DE000CN6HNB3	ESTX 2309TL OPENZ	EUR	9,3300	9,3300	9,0800			9,0800					
Certificate	NL0011602057	ESTX 2310TL OPENH	EUR	9,7300	9,7300	9,7300			9,7300					
Certificate	NL0010890125	ESTX 2320TL OPENB	EUR	9,6850	9,6850	9,6850			9,6850					
Certificate	NL0011594882	ESTX 2326TRLOPENH	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	NL0011602040	ESTX 2330TL OPENH	EUR	9,5300	9,5300	9,5300			9,5300					
Certificate	NL0011035779	ESTX 2360TL OPENH	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	NL0011054077	ESTX 2382TRLOPENH	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	NL0011600390	ESTX 2400TL OPENH	EUR	8,9200	8,9200	8,9200			8,9200					
Certificate	NL0011601653	ESTX 2406TRLOPENH	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	NL0011596374	ESTX 2410TL OPENH	EUR	8,7600	8,7600	8,7600			8,7600					
Certificate	DE000CX0J7Z5	ESTX 2412TL OPENC	EUR	9,6400	9,6400	9,6400			9,6400					
Certificate	DE000CX0H6K1	ESTX 2418TL OPENC	EUR	9,4400	9,4400	9,4400			9,4400					
Certificate	NL0011600804	ESTX 2429TRLOPENH	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	NL0010890133	ESTX 2430TL OPENB	EUR	8,6150	8,6150	8,6150			8,6150					
Certificate	NL0011600382	ESTX 2440TL OPENH	EUR	8,5100	8,5100	8,5100			8,5100					
Certificate	NL0011594874	ESTX 2456TRLOPENH	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	DE000CR4JQ6	ESTX 2463TL OPENZ	EUR	7,8000	7,8000	7,5500			7,5500					
Certificate	NL0011035761	ESTX 2470TL OPENH	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	NL0011594866	ESTX 2499TRLOPENH	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	NL0011602669	ESTX 2500TL OPENH	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	DE000CX0JY53	ESTX 2515TL OPENC	EUR	8,6100	8,6100	8,6100			8,6100					
Certificate	DE000CV50517	ESTX 2518TL OPENZ	EUR	7,2400	7,2400	6,9950			6,9950					
Certificate	NL0011602651	ESTX 2520TL OPENH	EUR	7,7100	7,7100	7,7100			7,7100					
Certificate	DE000CX0JXJ2	ESTX 2522TL OPENC	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	DE000C27DLD6	ESTX 2523TL OPENZ	EUR	7,4700	7,4700	7,2250			7,2250					
Certificate	NL0011900279	ESTX 2540TL OPENB	EUR	7,5650	7,5650	7,5650			7,5650					
Certificate	NL0011603121	ESTX 2540TL OPENH	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	NL0011594858	ESTX 2541TRLOPENH	EUR	6,7300	6,7300	6,7300			6,7300					
Certificate	NL0011891957	ESTX 2560TL OPENH	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	NL0013008220	ESTX 2562BL OPENB	EUR	6,6650	6,6650	6,6650			6,6650					
Certificate	DE000CR1J4W0	ESTX 2569TL OPENZ	EUR	6,7400	6,7400	6,4900			6,4900					
Certificate	NL0011602735	ESTX 2578TRLOPENH	EUR	6,6400	6,6400	6,3700	962,8000	1	6,3700	145				
Certificate	NL0011891940	ESTX 2580TL OPENH	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	DE000CX01WK4	ESTX 2581TL OPENC	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	DE000CX01WC1	ESTX 2587TL OPENC	EUR	7,7200	7,7200	7,7200			7,7200					
Certificate	NL0011602727	ESTX 2599TRLOPENH	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	NL0011891932	ESTX 2600TL OPENH	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	NL0011892781	ESTX 2620TL OPENH	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	NL0011603600	ESTX 2620TRLOPENH	EUR	5,9500	5,9500	5,9500			5,9500					



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	DE000CN6JSD4	ESTX 2621TL OPENZ	EUR	6,2100	6,2100	5,9650			5,9650					
Certificate	NL0011907100	ESTX 2640TL OPENB	EUR	6,8900	6,8900	6,5000	20351,5000	2	6,5450	3050				
Certificate	NL0011891775	ESTX 2647TRLOPENH	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	NL0011896428	ESTX 2650TL OPENH	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	NL0011891767	ESTX 2667TRLOPENH	EUR	5,4700	5,4700	5,4700			5,4700					
Certificate	NL0011926605	ESTX 2670TL OPENH	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000CD615E1	ESTX 2672TL OPENZ	EUR	5,7000	5,7000	5,4550			5,4550					
Certificate	NL0011892575	ESTX 2688TRLOPENH	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	NL0011926597	ESTX 2690TL OPENH	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	NL0011926589	ESTX 2710TL OPENH	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	DE000CD61U21	ESTX 2723TL OPENZ	EUR	5,1900	5,1900	4,9550			4,9550					
Certificate	NL0011931076	ESTX 2723TRLOPENH	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	DE000CD61T81	ESTX 2729TL OPENZ	EUR	5,4400	5,4400	5,1850			5,1850					
Certificate	NL0011927546	ESTX 2730TL OPENH	EUR	5,6800	5,6800	5,6800			5,6800					
Certificate	NL0011896733	ESTX 2733TRLOPENH	EUR	4,8200	4,8200	4,8200			4,8200					
Certificate	NL0011927538	ESTX 2750TL OPENH	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	NL0011926324	ESTX 2752TRLOPENH	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	NL0011907951	ESTX 2760BL OPENB	EUR	4,7650	4,7650	4,7650			4,7650					
Certificate	NL0011927520	ESTX 2770TL OPENH	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	NL0011926316	ESTX 2773TRLOPENH	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	DE000CD626G3	ESTX 2775TL OPENZ	EUR	4,6800	4,6800	4,4350			4,4350					
Certificate	DE000CX59C56	ESTX 2785TL OPENC	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	DE000CX0KZ56	ESTX 2790TL OPENC	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	NL0011927330	ESTX 2795TRLOPENH	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	NL0011975586	ESTX 2800TL OPENH	EUR	5,0200	5,0200	5,0200			5,0200					
Certificate	NL0011927322	ESTX 2815TRLOPENH	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000CD626H1	ESTX 2826TL OPENZ	EUR	4,1700	4,1700	3,9250			3,9250					
Certificate	NL0011927314	ESTX 2837TRLOPENH	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000CX01880	ESTX 2845TL OPENC	EUR											
Certificate	NL0013008204	ESTX 2853BL OPENB	EUR	3,7650	3,7650	3,7650			3,7650					
Certificate	DE000CX01854	ESTX 2853TL OPENC	EUR											
Certificate	NL0012036933	ESTX 2860TL OPENB	EUR	4,3650	4,3650	4,3650			4,3650					
Certificate	DE000VA8F4H4	ESTX 2861TL OPENV	EUR	3,6000	3,6000	3,5750	360,0000	1	3,5750	100				
Certificate	NL0011935069	ESTX 2870TRLOPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	DE000CD62JX8	ESTX 2877TL OPENZ	EUR	3,6600	3,6600	3,4250			3,4250					
Certificate	DE000CX59C64	ESTX 2887TL OPENC	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	NL0012048946	ESTX 2890TL OPENH	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000CX59M21	ESTX 2892TL OPENC	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	DE000VA8FXX8	ESTX 2908TL OPENV	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	NL0012038608	ESTX 2918BL OPENB	EUR	3,1850	3,1850	3,1850			3,1850					
Certificate	DE000CD63M60	ESTX 2930TL OPENZ	EUR	3,1300	3,1300	2,8850			2,8850					
Certificate	DE000CD63N69	ESTX 2937TL OPENZ	EUR	3,3900	3,3900	3,1350			3,1350					
Certificate	NL0012049662	ESTX 2940TL OPENH	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0012049266	ESTX 2952TRLOPENH	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0012039697	ESTX 2970TL OPENB	EUR	3,3750	3,3750	3,3750			3,3750					
Certificate	DE000CD63YM8	ESTX 2981TL OPENZ	EUR	2,6300	2,6300	2,3850			2,3850					
Certificate	DE000CX59W29	ESTX 2990TL OPENC	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	NL0012050926	ESTX 2990TL OPENH	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	DE000V19VVB0	ESTX 2991TL OPENV	EUR	2,8350	2,8350	2,8350			2,8350					
Certificate	NL0013008212	ESTX 3003BL OPENB	EUR	2,4300	2,4350	2,2650	2430,0000	1	2,2650	1000				
Certificate	DE000V19VVC8	ESTX 3016TL OPENV	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	DE000CD63YN6	ESTX 3031TL OPENZ	EUR	2,1300	2,1300	1,8850			1,8850					
Certificate	NL0012050918	ESTX 3040TL OPENH	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	DE000V19VVD6	ESTX 3041TL OPENV	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	DE000V19VVE4	ESTX 3066TL OPENV	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	NL0012050793	ESTX 3066TRLOPENH	EUR	1,8700	1,8700	1,5000	444,0600	3	1,5000	248				
Certificate	NL0012100192	ESTX 3075BL OPENB	EUR	1,5600	1,6250	1,5600	624,0000	1	1,6250	400				
Certificate	NL0012101430	ESTX 3080TL OPENB	EUR	2,2650	2,2650	2,2650			2,2650					
Certificate	DE000VA80G83	ESTX 3086TL OPENV	EUR											
Certificate	DE000CX59Z75	ESTX 3091TL OPENC	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000V19VVF1	ESTX 3091TL OPENV	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	DE000CX59Y84	ESTX 3092TL OPENC	EUR	2,6000	2,6000	2,6000			2,6000					
Certificate	NL0012053144	ESTX 3100TL OPENH	EUR											
Certificate	NL0013127145	ESTX 3100TL OPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CJ3PTS0	ESTX 3106TL OPENZ	EUR	1,3800	1,3800	1,1350	600,0000	1	1,1350	500				
Certificate	DE000VA80HB6	ESTX 3111TL OPENV	EUR											
Certificate	DE000V19VVG9	ESTX 3116TL OPENV	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000VA87EAO	ESTX 3136TL OPENV	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	NL0013128853	ESTX 3152TRLOPENH	EUR	0,9300	0,9300	0,6500	81,8400	2	0,6500	88				
Certificate	NL0013128093	ESTX 3160TL OPENH	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000VN6Y7G1	ESTX 3160TL OPENV	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	DE000CJ3PNN4	ESTX 3182TS 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	DE000VA8F4G6	ESTX 3189TS OPENV	EUR											
Certificate	NL0013126337	ESTX 3190TS OPENH	EUR											
Certificate	NL0012795462	ESTX 3200DIS0619Z	EUR	30,0600	30,0600	30,0600			30,0600					
Certificate	NL0013086895	ESTX 3205TRSOPENH	EUR											
Certificate	NL0013015308	ESTX 3210TS OPENB	EUR											
Certificate	DE000VA8F1B3	ESTX 3214TS OPENV	EUR											
Certificate	DE000VA8FVE2	ESTX 3239TS OPENV	EUR											
Certificate	DE000VA8FVH5	ESTX 3264TS OPENV	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	NL0013011299	ESTX 3276BS OPENB	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000CJ3PFG4	ESTX 3281TS OPENZ	EUR	0,4900	0,4900	0,3700	2600,0000	3	0,4600	6000				
Certificate	DE000VA8FR31	ESTX 3289TS OPENV	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	NL0013083736	ESTX 3293TRSOPENH	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0013110356	ESTX 3300BOC0619Z	EUR	32,0700	32,0700	32,0700			32,0700					
Certificate	NL0012795488	ESTX 3300DIS1219Z	EUR	29,9100	29,9100	29,9100			29,9100					
Certificate	DE000VA71M24	ESTX 3316TS OPENV	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	NL0013009459	ESTX 3320TS OPENB	EUR	1,4450	1,4450	1,4450			1,4450					
Certificate	DE000CJ3N5V8	ESTX 3327TS OPENZ	EUR	1,2500	1,4950	1,2500			1,4950					
Certificate	NL0013079239	ESTX 3340TS OPENH	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	DE000VA71M29	ESTX 3341TS OPENV	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	NL0013110372	ESTX 3350BOC0919Z	EUR	32,1000	32,1000	32,1000			32,1000					
Certificate	NL0013079601	ESTX 3354TRSOPENH	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000VA71M60	ESTX 3366TS OPENV	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	NL0013008485	ESTX 3376BS OPENB	EUR	1,5200	1,7850	1,5150	7,6000	1	1,7850	5				
Certificate	DE000CJ3N161	ESTX 3380TS OPENZ	EUR	1,4700	1,7050	1,4700			1,7050					
Certificate	DE000VA77A84	ESTX 3392TS OPENV	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	NL0013110364	ESTX 3400BOC0619Z	EUR	32,4600	32,4600	32,4600			32,4600					
Certificate	NL0012795843	ESTX 3400BON0619Z	EUR	32,2500	32,2500	32,2500			32,2500					
Certificate	NL0013079593	ESTX 3404TRSOPENH	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000VA1SS56	ESTX 3409TL OPENV	EUR											
Certificate	DE000VA77A92	ESTX 3417TS OPENV	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	NL0013005408	ESTX 3430TS OPENB	EUR	2,5350	2,5350	2,5350			2,5350					
Certificate	DE000VA7PWJ0	ESTX 3442TS OPENV	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	NL0012937635	ESTX 3457TRSOPENH	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	NL0012936801	ESTX 3470TS OPENH	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	NL0012988851	ESTX 3475BS OPENB	EUR	2,8650	2,8650	2,8650			2,8650					
Certificate	DE000VAGEAY1	ESTX 3477TS OPENV	EUR	2,4650	2,4650	2,4650			2,4650					
Certificate	DE000CV8B656	ESTX 3478TS OPENZ	EUR	2,4400	2,6750	2,4400			2,6750					
Certificate	NL0012236327	ESTX 35.5BON0619Z	EUR	34,9200	34,9200	34,9200			34,9200					
Certificate	NL0013110380	ESTX 3500BOC0919Z	EUR	32,7400	32,7400	32,7400			32,7400					
Certificate	NL0012795850	ESTX 3500BON0919Z	EUR	32,3700	32,3700	32,3700			32,3700					
Certificate	NL0012795470	ESTX 3500DIS0619Z	EUR	30,9500	30,9500	30,9500			30,9500					
Certificate	NL0012937130	ESTX 3505TRSOPENH	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	DE000VASREA7	ESTX 3508TS OPENV	EUR	2,7150	2,7150	2,7150			2,7150					
Certificate	NL0012648562	ESTX 3515BON1219Z	EUR	34,0600	34,0600	34,0600			34,0600					
Certificate	NL0011590971	ESTX 3515TRSOPENH	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	DE000CV897T1	ESTX 3527TS OPENZ	EUR	3,3300	3,5750	3,3300			3,5750					
Certificate	NL0011090709	ESTX 3530TS OPENB	EUR	4,2450	4,2450	4,2450			4,2450					
Certificate	NL0012146070	ESTX 3550BON1218Z	EUR	35,5000	35,5000	35,5000			35,5000					
Certificate	NL0012921571	ESTX 3550TRSOPENH	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	NL0012921985	ESTX 3550TS OPENH	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000VA15UT7	ESTX 3565TS OPENV	EUR	2,9550	2,9550	2,9550			2,9550					
Certificate	NL0012121768	ESTX 3574BS OPENB	EUR	3,8550	3,8550	3,8550			3,8550					
Certificate	DE000CE6BWF9	ESTX 3577TS OPENZ	EUR	3,4300	3,6650	3,4300			3,6650					
Certificate	NL0012921563	ESTX 3590TRSOPENH	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	NL0012236376	ESTX 36.5BON1218Z	EUR	36,0300	36,0300	36,0300			36,0300					
Certificate	NL0012648539	ESTX 3600BON0619Z	EUR	34,5400	34,5400	34,5400			34,5400					
Certificate	NL0012648661	ESTX 3600BON1218Z	EUR	35,3600	35,3600	35,3600			35,3600					
Certificate	NL0012795496	ESTX 3600DIS1219Z	EUR	30,6700	30,6700	30,6700			30,6700					
Certificate	NL0012795066	ESTX 3625BOC0319Z	EUR	34,8700	34,8700	34,8700			34,8700					
Certificate	NL0012795041	ESTX 3625BOC1218Z	EUR	35,5800	35,5800	35,5800			35,5800					
Certificate	NL0012921555	ESTX 3627TRSOPENH	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	NL0011045695	ESTX 3630TS OPENH	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	NL0012121586	ESTX 3640TS OPENB	EUR	5,3650	5,3650	5,3650			5,3650					
Certificate	NL0012145916	ESTX 3650BOC1218Z	EUR	36,4500	36,4500	36,4500			36,4500					
Certificate	NL0012648570	ESTX 3650BON1219Z	EUR	34,0200	34,0200	34,0200			34,0200					
Certificate	NL0012236137	ESTX 3655BON0619Z	EUR	35,4100	35,4100	35,4100			35,4100					
Certificate	NL0012921548	ESTX 3659TRSOPENH	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	NL0012648497	ESTX 3665BON0319Z	EUR	35,7250	35,7250	35,7250			35,7250					
Certificate	NL0012782437	ESTX 3675BS OPENB	EUR	4,8550	4,8550	4,8550			4,8550					
Certificate	DE000CE6BWW7	ESTX 3676TS OPENZ	EUR	4,4100	4,6550	4,4100			4,6550					
Certificate	NL0011590963	ESTX 3692TRSOPENH	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	NL0012795082	ESTX 3700BOC0619Z	EUR	34,8000	34,8000	34,8000			34,8000					



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	NL0012933733	ESTX 3710TS OPENH	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	DE000CE6C6X3	ESTX 3716TS OPENZ	EUR	5,2600	5,4950	5,2600			5,4950					
Certificate	NL0012648547	ESTX 3725BON0619Z	EUR	34,6100	34,6100	34,6100			34,6100					
Certificate	NL0012648521	ESTX 3725BON1218Z	EUR	35,3000	35,3000	35,3000			35,3000					
Certificate	NL0012921530	ESTX 3738TRSOPENH	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0012260426	ESTX 3740TS OPENB	EUR	6,3750	6,3750	6,3750			6,3750					
Certificate	NL0012795058	ESTX 3750BOC1218Z	EUR	35,4700	35,4700	35,4700			35,4700					
Certificate	NL0012795108	ESTX 3775BOC0919Z	EUR	34,6900	34,6900	34,6900			34,6900					
Certificate	NL0012785364	ESTX 3775BS OPENB	EUR	5,8650	5,8650	5,8650			5,8650					
Certificate	DE000CE6C873	ESTX 3775TS OPENZ	EUR	5,4000	5,6400	5,4000			5,6400					
Certificate	NL0012921522	ESTX 3788TRSOPENH	EUR	5,7600	5,7600	5,7600			5,7600					
Certificate	NL0011045687	ESTX 3810TS OPENH	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	NL0012795074	ESTX 3825BOC0319Z	EUR	34,4700	34,4700	34,4700			34,4700					
Certificate	NL0012676233	ESTX 3825BOC1218B	EUR	37,9900	37,9900	37,8900			37,8900					
Certificate	NL0012236541	ESTX 3825BON0919Z	EUR	36,4250	36,4250	36,4250			36,4250					
Certificate	DE000VN66C23	ESTX 3826TS OPENV	EUR	2,8600	3,1250	2,8550	24920,0000	6	3,1250	8400				
Certificate	DE000VN66C80	ESTX 3830TS OPENV	EUR	3,8950	3,8950	3,8950			3,8950					
Certificate	DE000VL2FY01	ESTX 3831TS OPENV	EUR	4,1050	4,1050	4,1050			4,1050					
Certificate	NL0012921514	ESTX 3837TRSOPENH	EUR	6,2500	6,2500	6,2500			6,2500					
Certificate	NL0012795124	ESTX 3850BOC1219Z	EUR	34,6300	34,6300	34,6300			34,6300					
Certificate	NL0012648588	ESTX 3850BON1219Z	EUR	34,2000	34,2000	34,2000			34,2000					
Certificate	DE000VA1ZE47	ESTX 3851TS OPENV	EUR	5,3550	5,3550	5,3550			5,3550					
Certificate	DE000VN66C31	ESTX 3851TS OPENV	EUR	3,3650	3,3650	3,3650			3,3650					
Certificate	NL0012264758	ESTX 3860TS OPENB	EUR	7,6750	7,6750	7,6750			7,6750					
Certificate	DE000VN66C98	ESTX 3860TS OPENV	EUR	4,1950	4,1950	4,1950			4,1950					
Certificate	NL0011590955	ESTX 3869TRSOPENH	EUR	6,2700	6,5700	6,2700	1567,5000	1	6,5700	250				
Certificate	DE000VN66C49	ESTX 3876TS OPENV	EUR	3,6150	3,6150	3,6150			3,6150					
Certificate	DE000VA1ZE54	ESTX 3876TS OPENV	EUR	5,6050	5,6050	5,6050			5,6050					
Certificate	DE000CE6CH22	ESTX 3876TS OPENZ	EUR	6,4100	6,6500	6,4100			6,6500					
Certificate	DE000VL37J16	ESTX 3880TS OPENV	EUR	5,3550	5,3550	5,3550			5,3550					
Certificate	DE000VL2FY27	ESTX 3881TS OPENV	EUR	4,5950	4,5950	4,5950			4,5950					
Certificate	DE000VN66DA9	ESTX 3890TS OPENV	EUR	4,4850	4,4850	4,4850			4,4850					
Certificate	DE000CX01WF4	ESTX 3894TS OPENC	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	DE000VA1ZE62	ESTX 3901TS OPENV	EUR	5,8550	5,8550	5,8550			5,8550					
Certificate	NL0012921506	ESTX 3916TRSOPENH	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000CE6CQA0	ESTX 3921TS OPENZ	EUR	7,3300	7,5650	7,3300			7,5650					
Certificate	NL0012107965	ESTX 3925BOC1218B	EUR	39,1500	39,1500	39,1000			39,1000					
Certificate	NL0012145924	ESTX 3925BOC1218Z	EUR	39,2000	39,2000	39,1800			39,1800					
Certificate	DE000VL37J24	ESTX 3930TS OPENV	EUR	5,8450	5,8450	5,8450			5,8450					
Certificate	DE000VL2FY43	ESTX 3931TS OPENV	EUR	5,0850	5,0850	5,0850			5,0850					
Certificate	NL0012269674	ESTX 3940BOC1218B	EUR	39,0600	39,0600	38,9200			38,9200					
Certificate	DE000CX59W37	ESTX 3942TS OPENC	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	DE000CX59M47	ESTX 3944TS OPENC	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	NL0012795090	ESTX 3950BOC0619Z	EUR	34,5500	34,5500	34,5500			34,5500					
Certificate	NL0012494561	ESTX 3950BOC1218B	EUR	37,6500	37,6500	37,1100			37,1100					
Certificate	NL0012648554	ESTX 3950BON0619Z	EUR	34,5600	34,5600	34,5600			34,5600					
Certificate	NL0012921977	ESTX 3950TS OPENH	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	NL0012700363	ESTX 3970TS OPENB	EUR	8,7750	8,7750	8,7750			8,7750					
Certificate	DE000CE6CQ39	ESTX 3981TS OPENZ	EUR	7,4600	7,7000	7,4600			7,7000					
Certificate	NL0012983290	ESTX 4000BOC0619B	EUR	37,9500	37,9500	37,7100			37,7100					
Certificate	NL0012983282	ESTX 4000BOC1219B	EUR	36,1600	36,1600	35,8800			35,8800					
Certificate	DE000CE6DJF2	ESTX 4069TS OPENZ	EUR	8,8300	9,0750	8,8300			9,0750					
Certificate	NL0012795116	ESTX 4075BOC0919Z	EUR	34,3400	34,3400	34,3400			34,3400					
Certificate	DE000CE6DJJ4	ESTX 4076TS OPENZ	EUR	8,4200	8,6500	8,4200			8,6500					
Certificate	NL0012933030	ESTX 4090TRSOPENH	EUR	8,7900	8,7900	8,7900			8,7900					
Certificate	NL0012146088	ESTX 4100BOC1218Z	EUR	40,0600	40,0600	40,0600			40,0600					
Certificate	NL0012921969	ESTX 4140TS OPENH	EUR	10,6400	10,6400	10,6400			10,6400					
Certificate	NL0012648596	ESTX 4150BON1219Z	EUR	34,0700	34,0700	34,0700			34,0700					
Certificate	NL0012921498	ESTX 4170TRSOPENH	EUR	9,5900	9,5900	9,5900			9,5900					
Certificate	DE000CE6EZ77	ESTX 4172TS OPENZ	EUR	9,3700	9,6100	9,3700			9,6100					
Certificate	NL0011231071	ESTX 4180TS OPENH	EUR	10,9900	10,9900	10,9900			10,9900					
Certificate	NL0011590948	ESTX 4191TRSOPENH	EUR	9,8000	9,8000	9,8000			9,8000					
Certificate	NL0012795132	ESTX 4200BOC1219Z	EUR	34,2100	34,2100	34,2100			34,2100					
Certificate	NL0011590930	ESTX 4224TRSOPENH	EUR	10,1200	10,1200	10,1200			10,1200					
Certificate	DE000CE6FAQ3	ESTX 4267TS OPENZ	EUR	10,8300	11,0750	10,8300			11,0750					
Certificate	DE000CE6FAH2	ESTX 4273TS OPENZ	EUR	10,3800	10,6200	10,3800			10,6200					
Certificate	NL0012146096	ESTX 4325BOC1218Z	EUR	39,9800	39,9800	39,9800			39,9800					
Certificate	NL0011590922	ESTX 4577TRSOPENH	EUR	13,6600	13,6600	13,6600			13,6600					
Certificate	DE000CV88X58	ESTX 4668TS OPENZ	EUR	14,8900	15,1350	14,8900			15,1350					
Certificate	XS1472027173	ESTX 7.255TN0222K	EUR											
Certificate	XS1840195744	ESTX 8.975TN0823H	EUR	94,7900	94,7900	94,7900			94,7900					
Certificate	NL0012236392	ESTX 36.25BON0619Z	EUR	34,6900	34,6900	34,6900			34,6900					



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	NL0012236418	ESTX 41.75BON0619Z	EUR	34,4100	34,4100	34,4100			34,4100					
Certificate	DE000CE6BU00	ESTXF LEVOPENZ	EUR	10,0750	10,0750	10,0050			10,0050					
Certificate	DE000CE6BUR8	ESTXF LEVOPENZ	EUR	7,9800	7,9800	7,6900			7,6900					
Certificate	DE000CE6BUS6	ESTXF LEVOPENZ	EUR	3,3090	3,3090	3,0750			3,0750					
Certificate	DE000CE6BUT4	ESTXF SHROPENZ	EUR	5,8000	6,0350	5,8000			6,0350					
Certificate	DE000CE6BUU2	ESTXF SHROPENZ	EUR	1,7080	1,8520	1,7080			1,8520					
Certificate	DE000CV8AWM2	EUCAD1.286TL OPENZ	EUR	13,8500	13,9000	13,8500			13,9000					
Certificate	DE000CR4J9N5	EUCAD1.347TL OPENZ	EUR	9,7700	9,8200	9,7700			9,8200					
Certificate	NL0013004088	EUCAD1.359TL OPENB	EUR	10,5550	10,5550	10,5550			10,5550					
Certificate	NL0012282537	EUCAD1.401TL OPENB	EUR	7,7450	7,7450	7,7450			7,7450					
Certificate	DE000CR4H922	EUCAD1.435TL OPENZ	EUR	3,8200	3,8850	3,8200			3,8850					
Certificate	NL0012791545	EUCAD1.446TL OPENB	EUR	4,8250	4,8250	4,8250			4,8250					
Certificate	NL0012989867	EUCAD1.542TS OPENB	EUR	5,4450	5,4450	5,4450			5,4450					
Certificate	DE000CV88N01	EUCAD1.573TS OPENZ	EUR	5,5600	5,5600	5,4800			5,4800					
Certificate	NL0011539507	EUCAD1.622TS OPENB	EUR	10,9250	10,9250	10,9250			10,9250					
Certificate	DE000CR9S170	EUCAD1.633TS OPENZ	EUR	9,5500	9,5500	9,4700			9,4700					
Certificate	NL0012771992	EUCAD1.662TS OPENB	EUR	13,6650	13,6650	13,6650			13,6650					
Certificate	DE000CNGHP88	EUCAD1.711TS OPENZ	EUR	14,7700	14,7700	14,6900			14,6900					
Certificate	DE000CV508J5	EUCAD1.771TS OPENZ	EUR	18,7900	18,7900	18,7100			18,7100					
Certificate	LU1841119420	EUCHF 1.11CIOPENS	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	LU1841119347	EUCHF 1.2TPIOPENS	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	LU1859906056	EUCHF 1.15TPIOPENS	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	LU1841119180	EUCHF 1.17TPIOPENS	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	LU1841119263	EUCHF 1.18TPIOPENS	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0000873503	EUCHF 1.28TS OPENB	EUR	14,2100	14,2100	14,2100			14,2100					
Certificate	NL0010925558	EUCHF0.871TL OPENB	EUR	25,9400	25,9400	25,9400			25,9400					
Certificate	DE000CR6X9G9	EUCHF0.924TL OPENZ	EUR	19,3100	19,3100	19,2200			19,2200					
Certificate	DE000CR6X9F1	EUCHF1.004TL OPENZ	EUR	12,3450	12,3450	12,2350			12,2350					
Certificate	DE000CR6X9E4	EUCHF1.044TL OPENZ	EUR	8,8400	8,8400	8,7300			8,7300					
Certificate	NL0011436340	EUCHF1.081TL OPENB	EUR	8,1250	8,1250	8,1250			8,1250					
Certificate	DE000CE6DVG5	EUCHF1.099TL OPENZ	EUR	4,0500	4,0500	3,9350			3,9350					
Certificate	NL0012280275	EUCHF1.121TL OPENB	EUR	4,7250	4,7250	4,7250			4,7250					
Certificate	LU1841119693	EUCHF1.125CIOPENS	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	LU1841119776	EUCHF1.135CIOPENS	EUR											
Certificate	NL0012989868	EUCHF1.165TS OPENB	EUR	5,0050	5,0050	5,0050			5,0050					
Certificate	NL0012793277	EUCHF1.183TS OPENB	EUR	6,6150	6,6150	6,6150			6,6150					
Certificate	NL0012677348	EUCHF1.202TS OPENB	EUR	8,3050	8,3050	8,3050			8,3050					
Certificate	DE000CV88WB4	EUCHF1.205TS OPENZ	EUR	5,4100	5,3300	5,4100			5,3300					
Certificate	DE000CE6E507	EUCHF1.255TS OPENZ	EUR	9,7700	9,9000	9,7700			9,9000					
Certificate	DE000CV4YTV8	EUCHF1.314TS OPENZ	EUR	14,8800	15,0100	14,8800			15,0100					
Certificate	LU1840909458	EUGBP 0.9TPIOPENS	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0013010713	EUGBP 0.9TS OPENB	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	NL0011053145	EUGBP 0.68TL OPENH	EUR	23,8600	23,8600	23,8600			23,8600					
Certificate	LU1756001837	EUGBP 0.83CIOPENS	EUR											
Certificate	LU1719706019	EUGBP 0.84CIOPENS	EUR											
Certificate	LU1650911248	EUGBP 0.85CIOPENS	EUR											
Certificate	LU1719706100	EUGBP 0.85CIOPENS	EUR											
Certificate	NL0012494306	EUGBP 0.91TS OPENB	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	LU1651915529	EUGBP 0.92TPIOPENS	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	NL0012494314	EUGBP 0.92TS OPENB	EUR	6,7750	6,7750	6,7600	981,6500	1	6,7600	145				
Certificate	LU1790502857	EUGBP 0.93TPIOPENS	EUR											
Certificate	NL0012988331	EUGBP 0.93TS OPENB	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	LU1790503079	EUGBP 0.96TPIOPENS	EUR											
Certificate	NL0011053137	EUGBP0.736TL OPENH	EUR	17,5300	17,5300	17,5300			17,5300					
Certificate	DE000CR6YL22	EUGBP0.742TL OPENZ	EUR	15,5950	15,5950	15,5950			15,5950					
Certificate	NL0011242292	EUGBP0.758TL OPENH	EUR	15,1000	15,1000	15,1000			15,1000					
Certificate	DE000CR6XHL7	EUGBP0.763TL OPENZ	EUR	13,2350	13,2400	13,2350			13,2400					
Certificate	NL0011593454	EUGBP0.776TL OPENH	EUR	13,0500	13,0500	13,0500			13,0500					
Certificate	DE000CR6VA90	EUGBP0.782TL OPENZ	EUR	11,0400	11,0400	11,0400			11,0400					
Certificate	NL0012770424	EUGBP0.805TL OPENB	EUR	10,0600	10,0600	10,0600			10,0600					
Certificate	NL0013007487	EUGBP0.821BL OPENB	EUR	6,7200	6,7200	6,7200			6,7200					
Certificate	DE000CNGJQM9	EUGBP0.822TL OPENZ	EUR	6,5400	6,5500	6,5400			6,5500					
Certificate	NL0012693907	EUGBP0.841BL OPENB	EUR	4,3000	4,5400	4,3000	35320,0000	7	4,4400	8000				
Certificate	NL0011892963	EUGBP0.847TL OPENH	EUR	5,1200	5,1200	5,1200			5,1200					
Certificate	NL0012099535	EUGBP0.848TL OPENB	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0011905625	EUGBP0.862BL OPENB	EUR	2,0500	2,0800	2,0500	307,5000	1	2,0800	150				
Certificate	DE000CD62BP1	EUGBP0.865TL OPENZ	EUR	1,6150	1,6200	1,6150			1,6200					
Certificate	NL0012260947	EUGBP0.868TL OPENB	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	NL0011892948	EUGBP0.869TL OPENH	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	LU1859905918	EUGBP0.875CIOPENS	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	LU1840909375	EUGBP0.895TPIOPENS	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0013007503	EUGBP0.906BS OPENB	EUR	3,3000	3,3000	3,3000			3,3000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD62B09	EUGBP0.922TS OPENZ	EUR	4,9900	4,9900	4,9850			4,9850					
Certificate	NL0012488894	EUGBP0.926BS OPENB	EUR	5,5600	5,5600	5,5600			5,5600					
Certificate	NL0012993646	EUGBP0.946BS OPENB	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	DE000CD614W6	EUGBP0.987TS OPENZ	EUR	12,4600	12,4600	12,4600			12,4600					
Certificate	DE000CV8AR73	EUGBP1.027TS OPENZ	EUR	17,0000	17,0000	17,0000			17,0000					
Certificate	NL0011741178	EUGBP1.042TS OPENH	EUR	20,4900	20,4900	20,4900			20,4900					
Certificate	DE000CD614X4	EUGBP1.066TS OPENZ	EUR	21,4200	21,4200	21,4200			21,4200					
Certificate	NL0011740915	EUGBP1.239TS OPENH	EUR	43,2200	43,2200	43,2200			43,2200					
Certificate	DE000CR6YL14	EUIPY110.1TL OPENZ	EUR	14,7800	14,7800	14,6250			14,6250					
Certificate	NL0013013949	EUIPY116.6TL OPENB	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	NL0012260491	EUIPY119.6TL OPENB	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	DE000CD63UA1	EUIPY120.1TL OPENZ	EUR	7,0450	7,0450	6,8750			6,8750					
Certificate	NL0012991962	EUIPY125.5TL OPENB	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	NL0013001191	EUIPY128.5TL OPENB	EUR											
Certificate	NL0013017841	EUIPY131.8TS OPENB	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	NL0012690242	EUIPY134.8TS OPENB	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	DE000CB1MY20	EUIPY139.6TS OPENZ	EUR	8,1400	8,3300	8,1400			8,3300					
Certificate	NL0011053186	EUIPY140.3TS OPENH	EUR	11,0800	11,0800	11,0800			11,0800					
Certificate	NL0012497994	EUIPY140.8TS OPENB	EUR	11,4300	11,4300	11,4300			11,4300					
Certificate	DE000CR4H963	EUIPY142.6TS OPENZ	EUR	10,5000	10,6900	10,5000			10,6900					
Certificate	NL0012681712	EUIPY143.8TS OPENB	EUR	13,8100	13,8100	13,8100			13,8100					
Certificate	DE000CR4H971	EUIPY145.6TS OPENZ	EUR	12,8200	13,0200	12,8200			13,0200					
Certificate	DE000CV4ZV64	EUIPY155.6TS OPENZ	EUR	20,5500	20,7600	20,5500			20,7600					
Certificate	DE000CR4H9F3	EUNOK 8.78TL OPENZ	EUR	7,7250	7,9350	7,7250			7,9350					
Certificate	DE000CR4J9T2	EUNOK 9.97TS OPENZ	EUR	4,9150	4,9150	4,6850			4,6850					
Certificate	DE000CN6EPUS	EUNOK10.48TS OPENZ	EUR	10,3300	10,3300	10,0900			10,0900					
Certificate	DE000CE6FM71	EUNOK10.98TS OPENZ	EUR	15,5900	15,5900	15,3300			15,3300					
Certificate	NL0010251971	EUNOK7.861TL OPENB	EUR	19,7750	19,7750	19,7750			19,7750					
Certificate	DE000CR6YAE5	EUNOK8.473TL OPENZ	EUR	10,9600	11,1600	10,9600			11,1600					
Certificate	DE000CR6YAD7	EUNOK9.075TL OPENZ	EUR	4,6300	4,8450	4,6300			4,8450					
Certificate	DE000CE6BEL5	EURAU1.372TL OPENZ	EUR	13,0800	13,4100	13,0800			13,4100					
Certificate	NL0010129599	EURAU1.381TL OPENB	EUR	14,3450	14,3450	14,3450			14,3450					
Certificate	DE000CD62940	EURAU1.424TL OPENZ	EUR	9,8000	10,1550	9,8000			10,1550					
Certificate	DE000CE6C3C4	EURAU1.494TL OPENZ	EUR	5,3500	5,7100	5,3500			5,7100					
Certificate	NL0012500441	EURAU1.529TL OPENB	EUR	5,1550	5,1550	5,1550			5,1550					
Certificate	DE000CV8B359	EURAU1.554TL OPENZ	EUR											
Certificate	NL0012993828	EURAU1.557TL OPENB	EUR	3,4550	3,4550	3,4550			3,4550					
Certificate	NL0013006323	EURAU1.583TL OPENB	EUR											
Certificate	NL0009485655	EURAU1.659TS OPENB	EUR	6,9550	6,9550	6,9550			6,9550					
Certificate	NL0012993844	EURAU1.689TS OPENB	EUR	8,8450	8,8450	8,8450			8,8450					
Certificate	DE000CR9RNY4	EURAU1.691TS OPENZ	EUR	7,2700	7,2700	6,8500			6,8500					
Certificate	NL0012996656	EURAU1.719TS OPENB	EUR	10,7750	10,7750	10,7750			10,7750					
Certificate	DE000CR9SD50	EURAU1.773TS OPENZ	EUR	12,4200	12,4200	11,9800			11,9800					
Certificate	DE000CV881A5	EURAU1.833TS OPENZ	EUR	16,2200	16,2200	15,7700			15,7700					
Certificate	DE000CV89620	EURCN 6.36TL OPENZ	EUR	6,9900	7,1400	6,9900			7,1400					
Certificate	DE000CE6BR62	EURCN 7.26TL OPENZ	EUR	8,0500	8,0500	7,8800			7,8800					
Certificate	DE000CV88N19	EURCN6.752TL OPENZ	EUR	14,5000	14,5000	14,3500			14,3500					
Certificate	DE000CV89V00	EURCN7.754TL OPENZ	EUR	1,7750	1,7750	1,6000			1,6000					
Certificate	DE000CR9SD76	EURCN8.449TS OPENZ	EUR	7,6100	7,8000	7,6100			7,8000					
Certificate	DE000CE6D9N7	EURCN8.947TS OPENZ	EUR	13,9300	14,1300	13,9300			14,1300					
Certificate	NL0013001100	EURON 7.18L OPENB	EUR	1,3300	1,3300	1,2700			1,2700					
Certificate	DE000CJ3PKL4	EURON 3.78TL OPENZ	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CD635W1	EURON 4.33TL OPENZ	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CD62Z09	EURON 4.66TL OPENZ	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	DE000CD62XT7	EURON 5.08TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CD62FS6	EURON 5.51TL OPENZ	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CN6KSX0	EURON 5.94TL OPENZ	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CV87VH5	EURON 6.48TL OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CV8B2N6	EURON 6.81TL OPENZ	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	NL0012990691	EURON 6.858L OPENB	EUR	1,5800	1,6300	1,5200	5695,0000	3	1,5200	3500				
Certificate	DE000CJ3NVK8	EURON 7.04TL OPENZ	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CJ3PRX4	EURON 7.64TL OPENZ	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	DE000CN6J497	EURON 8.73TS OPENZ	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	DE000CV89MD9	EURON 9.66TS OPENZ	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CV89L85	EURON10.38TS OPENZ	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CJ3PLF4	EURON3.802TL OPENZ	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CD62SZ4	EURON4.303TL OPENZ	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CN6K8O4	EURON4.809TL OPENZ	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CN6HHD1	EURON5.422TL OPENZ	EUR	0,5800	0,6000	0,5800	5940,0000	2	0,5800	10000				
Certificate	NL0012028070	EURON5.5468L OPENB	EUR	2,8700	2,8700	2,8100			2,8100					
Certificate	DE000CE6EFB7	EURON5.812TL OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012019830	EURON5.8418L OPENB	EUR	2,5800	2,5800	2,5200			2,5200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012996342	EURON6.213TL OPENB	EUR	2,5500	2,5500	2,4900			2,4900					
Certificate	DE000CE6ENN6	EURON6.313TL OPENZ	EUR	0,4100	0,4100	0,4000	2840,4100	2	0,4000	7001				
Certificate	NL0012989610	EURON6.349BL OPENB	EUR	2,0800	2,0800	2,0200			2,0200					
Certificate	NL0012993208	EURON6.468TL OPENB	EUR	2,3100	2,3100	2,2500			2,2500					
Certificate	NL0012990386	EURON6.599BL OPENB	EUR	1,8300	1,8300	1,7700			1,7700					
Certificate	NL0012993216	EURON6.718TL OPENB	EUR	2,0800	2,0800	2,0200			2,0200					
Certificate	NL0013000680	EURON6.969TL OPENB	EUR	1,8400	1,8400	1,7800			1,7800					
Certificate	NL0013003379	EURON7.216TL OPENB	EUR	1,6100	1,6100	1,5500			1,5500					
Certificate	NL0013003635	EURON7.351BL OPENB	EUR	1,0800	1,0800	1,0200			1,0200					
Certificate	DE000CJ3NY20	EURON7.354TL OPENZ	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	NL0013018682	EURON7.466TL OPENB	EUR	1,3800	1,3800	1,3200			1,3200					
Certificate	NL0013146426	EURON7.601BL OPENB	EUR	0,8300	0,8300	0,7700			0,7700					
Certificate	NL0013019078	EURON7.716TL OPENB	EUR	1,1500	1,1500	1,0900			1,0900					
Certificate	NL0013146434	EURON7.851BL OPENB	EUR	0,5800	0,5800	0,5200			0,5200					
Certificate	NL0013010085	EURON8.186TS OPENB	EUR											
Certificate	NL0013002207	EURON8.373BS OPENB	EUR	0,1600	0,1600	0,1600			0,1600					
Certificate	DE000CV89539	EURON8.385TS OPENZ	EUR											
Certificate	NL0013004237	EURON8.681TS OPENB	EUR	1,0600	1,1100	1,0600			1,1100					
Certificate	NL0013004757	EURON8.872BS OPENB	EUR	0,6600	0,7100	0,6600			0,7100					
Certificate	NL0013007966	EURON9.185TS OPENB	EUR	1,6100	1,6500	1,6100			1,6500					
Certificate	DE000CN6J067	EURON9.385TS OPENZ	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	NL0012500466	EUTRY 4.95TL OPENB	EUR	24,6000	24,6000	24,6000			24,6000					
Certificate	NL0009409283	EUTRY3.508TL OPENB	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	NL0010131744	EUTRY3.758TL OPENB	EUR	4,2700	4,2700	4,2700			4,2700					
Certificate	NL0011904396	EUTRY4.446TL OPENB	EUR	32,2300	32,2300	32,2300			32,2300					
Certificate	NL0012280283	EUTRY4.858TL OPENB	EUR	25,9900	25,9900	25,9900			25,9900					
Certificate	NL0012503643	EUTRY5.006TL OPENB	EUR	23,7500	23,7500	23,7500			23,7500					
Certificate	NL0012510531	EUTRY5.113TL OPENB	EUR	22,1200	22,1200	22,1200			22,1200					
Certificate	NL0012511802	EUTRY5.169TL OPENB	EUR	21,2700	21,2700	21,2700			21,2700					
Certificate	NL0012777064	EUTRY5.211TL OPENB	EUR	20,6300	20,6300	20,6300			20,6300					
Certificate	NL0012781496	EUTRY5.309TL OPENB	EUR	19,1300	19,1300	19,1300			19,1300					
Certificate	NL0012781876	EUTRY5.374TL OPENB	EUR	18,1500	18,1500	18,1500			18,1500					
Certificate	NL0012791560	EUTRY5.551TL OPENB	EUR	16,0000	16,0000	15,4600	80,0000	1	15,4600	5				
Certificate	NL0012979801	EUTRY5.645TL OPENB	EUR	14,8000	14,8000	13,8000	1430,0000	2	14,0200	100				
Certificate	NL0012979819	EUTRY5.709TL OPENB	EUR	13,3500	13,3500	13,0500	1335,0000	1	13,0500	100				
Certificate	NL0012989297	EUTRY6.302TL OPENB	EUR											
Certificate	NL0013018930	EUTRY6.774TS OPENB	EUR	18,4800	18,4800	18,4800			18,4800					
Certificate	NL0013013956	EUTRY6.924TS OPENB	EUR	21,7700	21,7700	21,7700			21,7700					
Certificate	NL0013012339	EUTRY7.074TS OPENB	EUR	24,7200	24,7200	24,7200			24,7200					
Certificate	NL0013012347	EUTRY7.524TS OPENB	EUR	32,6400	32,6400	32,6400			32,6400					
Certificate	NL0013012354	EUTRY7.974TS OPENB	EUR	40,5700	40,5700	40,5700			40,5700					
Certificate	NL0012993950	EUTRY8.424TS OPENB	EUR	48,7800	48,7800	48,7800			48,7800					
Certificate	NL0012989313	EUTRY8.816TS OPENB	EUR	55,7000	55,7000	55,7000			55,7000					
Certificate	DE000CE6CDQ4	EUUSD LEVOPENZ	EUR	8,5750	8,5750	8,2900			8,2900					
Certificate	DE000CE6CDR2	EUUSD SHROPENZ	EUR	5,0180	5,1900	5,0180			5,1900					
Certificate	DE000CY0AQB1	EUUSD 1TL OPENC	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	DE000CX0KKX8	EUUSD 1TL OPENC	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	DE000CY0AQH8	EUUSD 0.9TL OPENC	EUR	14,4900	14,4900	14,4900			14,4900					
Certificate	DE000CJ3NYP1	EUUSD 1.1SWT0119Z	EUR	8,6200	8,6200	8,5900			8,5900					
Certificate	LU1756999964	EUUSD 1.1TCIOPENS	EUR											
Certificate	LU1816970591	EUUSD 1.1TCIOPENS	EUR											
Certificate	DE000CJ3NK83	EUUSD 1.1TL 1218Z	EUR	0,4150	0,4150	0,3750			0,3750					
Certificate	DE000CQ58B65	EUUSD 1.1TL OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CY16ZL1	EUUSD 1.1TL OPENC	EUR											
Certificate	NL0012851976	EUUSD 1.1TL OPENH	EUR	4,2700	4,2700	3,9400	3620,9600	1	3,9400	848				
Certificate	NL0012609648	EUUSD 1.2TL OPENH	EUR											
Certificate	NL0012609382	EUUSD 1.2TRLOPENH	EUR											
Certificate	NL0012861728	EUUSD 1.2TRSOPENH	EUR	5,4800	5,4800	5,4800			5,4800					
Certificate	DE000CQ58212	EUUSD 1.2TS OPENC	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000CQ58BA2	EUUSD 1.2TS OPENC	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	DE000VA2T8T0	EUUSD 1.2TS OPENV	EUR	7,7550	7,7550	7,7550			7,7550					
Certificate	DE000CV88WC2	EUUSD 1.2TS OPENZ	EUR	5,0900	5,4400	5,0900			5,4400					
Certificate	LU1695122132	EUUSD 1.3TPIOPENS	EUR											
Certificate	DE000CY52XC0	EUUSD 1.3TS OPENC	EUR	13,9700	13,9700	13,9700			13,9700					
Certificate	NL0013087778	EUUSD .976TRLOPENH	EUR	14,3400	14,3400	14,3400			14,3400					
Certificate	NL0012852255	EUUSD 0.87TL OPENH	EUR	24,0500	24,0500	24,0500			24,0500					
Certificate	DE000CY0AQG0	EUUSD 0.92TL OPENC	EUR	12,5900	12,5900	12,5900			12,5900					
Certificate	DE000CJ3PNB9	EUUSD 0.94TL 1218Z	EUR	1,8050	1,8050	1,7850			1,7850					
Certificate	DE000CY0AQF2	EUUSD 0.94TL OPENC	EUR	10,6800	10,6800	10,6800			10,6800					
Certificate	DE000CY0AQE5	EUUSD 0.95TL OPENC	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	DE000CY0AQD7	EUUSD 0.96TL OPENC	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	DE000CJ3NT27	EUUSD 0.98TL 1218Z	EUR	1,4650	1,4650	1,4350			1,4350					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
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	12,8350	12,8350	12,8350			12,8350					
Certificate	DE000CY50TY6	EUUSD 1.01TL OPENC	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	DE000CJ3NT35	EUUSD 1.02TL 1218Z	EUR	1,1150	1,1150	1,0850			1,0850					
Certificate	DE000CX592M1	EUUSD 1.02TL OPENC	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	NL0012089189	EUUSD 1.02TL OPENH	EUR	10,9400	10,9400	10,9400			10,9400					
Certificate	DE000CV8ATV9	EUUSD 1.02TL OPENZ	EUR	10,6800	10,6800	10,3800			10,3800					
Certificate	DE000CY50TX8	EUUSD 1.03TL OPENC	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	DE000V658J5	EUUSD 1.03TL OPENV	EUR	3,8350	3,8350	3,8350			3,8350					
Certificate	DE000CY0AW11	EUUSD 1.04TL OPENC	EUR	1,8300	1,8300	1,4400	366,0000	1	1,4400	200				
Certificate	DE000CY16SW3	EUUSD 1.05TL OPENC	EUR	1,8400	1,8600	1,3600	9640,0000	5	1,3600	5500				
Certificate	DE000CY50TW0	EUUSD 1.05TL OPENC	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000CJ3NK75	EUUSD 1.06TL 1218Z	EUR	0,7650	0,7650	0,7350			0,7350					
Certificate	DE000CY16SX1	EUUSD 1.06TL OPENC	EUR											
Certificate	DE000CJ3NYQ9	EUUSD 1.07SWT0119Z	EUR	7,4600	8,0500	7,4600			8,0500					
Certificate	DE000CQ5B1Z5	EUUSD 1.07TL OPENC	EUR	3,9900	3,9900	3,9900			3,9900					
Certificate	DE000CY50TV2	EUUSD 1.07TL OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000CQ5B840	EUUSD 1.07TL OPENC	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000CJ3PNC7	EUUSD 1.08TL 1218Z	EUR	0,5850	0,5850	0,5550			0,5550					
Certificate	DE000CQ5B857	EUUSD 1.08TL OPENC	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	DE000CQ5AW95	EUUSD 1.09TL OPENC	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0012095228	EUUSD 1.09TRLOPENH	EUR	4,7800	4,9200	4,3100	1200,1600	4	4,3100	253				
Certificate	DE000CY50TT6	EUUSD 1.11TL OPENC	EUR											
Certificate	DE000CQ5AWA0	EUUSD 1.11TL OPENC	EUR											
Certificate	NL0012176655	EUUSD 1.11TRLOPENH	EUR	3,0900	3,0900	2,5600	342,9900	1	2,5600	111				
Certificate	LU1816970757	EUUSD 1.12TCIOPENS	EUR											
Certificate	DE000CJ3NK91	EUUSD 1.12TL 1218Z	EUR	0,2250	0,2400	0,1950	360,0000	1	0,1950	1500				
Certificate	NL0013128887	EUUSD 1.12TRLOPENH	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CJ3NYR7	EUUSD 1.13SWT0119Z	EUR	4,3300	4,3300	3,5100			3,5100					
Certificate	NL0012938963	EUUSD 1.13TL OPENH	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0012212690	EUUSD 1.13TRLOPENH	EUR	1,0800	1,1200	0,8500	4051,3500	3	0,8500	3705				
Certificate	DE000CY52996	EUUSD 1.15TL OPENC	EUR											
Certificate	NL0013126022	EUUSD 1.15TRSOPEH	EUR	0,5200	1,1600	0,5200	156,0000	1	1,1600	300				
Certificate	DE000CJ3PND5	EUUSD 1.15TS 1218Z	EUR	0,0640	0,0930	0,0640			0,0930					
Certificate	NL0013017858	EUUSD 1.15TS OPENB	EUR	3,1100	3,1150	3,1050	6997,5000	1	3,1050	2250				
Certificate	NL0013127376	EUUSD 1.15TS OPENH	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000CJ3PSL7	EUUSD 1.15TS OPENZ	EUR	0,6800	1,0250	0,5000	2482,5000	9	1,0250	3100				
Certificate	NL0013017411	EUUSD 1.16BS OPENB	EUR	1,6500	2,0950	1,5250	3861,7500	6	2,0950	2143				
Certificate	NL0013085632	EUUSD 1.16TRSOPEH	EUR	1,7800	2,0400	1,7800	890,0000	1	2,0400	500				
Certificate	NL0013013964	EUUSD 1.16TS OPENB	EUR	3,6000	4,0150	3,5950	15200,0000	2	4,0150	4000				
Certificate	DE000VA80F43	EUUSD 1.16TS OPENV	EUR											
Certificate	NL0013013774	EUUSD 1.17BS OPENB	EUR	2,5700	2,9650	2,5650	249,2900	1	2,9650	97				
Certificate	NL0013083835	EUUSD 1.17TRSOPEH	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000CJ3PAW2	EUUSD 1.17TS 1218Z	EUR	0,2250	0,2250	0,2250			0,2250					
Certificate	NL0013006331	EUUSD 1.17TS OPENB	EUR	4,9250	4,9250	4,9250			4,9250					
Certificate	NL0012906689	EUUSD 1.17TS OPENH	EUR	2,8000	3,3000	2,8000	1716,0000	2	3,3000	600				
Certificate	NL0013004336	EUUSD 1.18BS OPENB	EUR	3,9000	3,9050	3,8450	351,0000	1	3,8450	90				
Certificate	NL0013004104	EUUSD 1.18TS OPENB	EUR	5,8350	5,8350	5,8350			5,8350					
Certificate	DE000CJ3NVX1	EUUSD 1.18TS OPENZ	EUR	3,3250	3,6700	3,3250			3,6700					
Certificate	NL0012863773	EUUSD 1.19TRSOPEH	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	DE000CJ3NL88	EUUSD 1.19TS 1218Z	EUR	0,3850	0,4250	0,3850			0,4250					
Certificate	DE000CQ5B899	EUUSD 1.19TS OPENC	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000CQ5B204	EUUSD 1.19TS OPENC	EUR	4,3200	4,5800	4,3200	216,0000	1	4,5800	50				
Certificate	NL0012862114	EUUSD 1.19TS OPENH	EUR	4,7000	5,1700	4,6700	65730,0000	8	5,1700	14000				
Certificate	DE000VA3CEC6	EUUSD 1.19TS OPENV	EUR	6,8550	6,8550	6,8550			6,8550					
Certificate	DE000CV89254	EUUSD 1.19TS OPENZ	EUR	4,2050	4,5550	4,2050			4,5550					
Certificate	NL0012788178	EUUSD 1.21BS OPENB	EUR	6,4850	6,4850	6,4850			6,4850					
Certificate	NL0012847610	EUUSD 1.21TRSOPEH	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	DE000CJ3NLC6	EUUSD 1.21TS 1218Z	EUR	0,5650	0,5950	0,5650			0,5950					
Certificate	DE000CQ5B8B0	EUUSD 1.21TS OPENC	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	DE000CQ5B220	EUUSD 1.21TS OPENC	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	NL0012846638	EUUSD 1.21TS OPENH	EUR	6,9400	6,9400	6,9400			6,9400					
Certificate	DE000VA2T8V6	EUUSD 1.21TS OPENV	EUR	8,6450	8,6450	8,6450			8,6450					
Certificate	DE000CV88N27	EUUSD 1.21TS OPENZ	EUR	5,9600	6,3200	5,9600			6,3200					
Certificate	NL0012786347	EUUSD 1.22BS OPENB	EUR	7,3650	7,3650	7,3650			7,3650					
Certificate	DE000CQ5AWC6	EUUSD 1.22TS OPENC	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	DE000CQ5AW20	EUUSD 1.22TS OPENC	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	NL0012613632	EUUSD 1.22TS OPENH	EUR	7,8200	7,8200	7,8200			7,8200					
Certificate	DE000VA2T8X2	EUUSD 1.22TS OPENV	EUR	9,5550	9,5550	9,5550			9,5550					
Certificate	DE000CV88KW5	EUUSD 1.22TS OPENZ	EUR	6,8400	7,2000	6,8400			7,2000					
Certificate	NL0012786354	EUUSD 1.23BS OPENB	EUR	8,2350	8,2350	8,2350			8,2350					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3NLD4	EUUSD 1.23TS 1218Z	EUR	0,7350	0,7750	0,7350			0,7750					
Certificate	DE000CQ5AW38	EUUSD 1.23TS OPENC	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	DE000CQ5AWD4	EUUSD 1.23TS OPENC	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	DE000VA2T8Z7	EUUSD 1.23TS OPENV	EUR	10,4550	10,4550	10,4550			10,4550					
Certificate	DE000CV88K04	EUUSD 1.23TS OPENZ	EUR	7,7100	8,0800	7,7100			8,0800					
Certificate	DE000CQ5AW46	EUUSD 1.24TS OPENC	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	DE000CQ5AWE2	EUUSD 1.24TS OPENC	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	NL0012609036	EUUSD 1.24TS OPENH	EUR	9,5900	9,5900	9,5900			9,5900					
Certificate	DE000VA2T810	EUUSD 1.24TS OPENV	EUR	11,3450	11,3450	11,3450			11,3450					
Certificate	DE000CV88H33	EUUSD 1.24TS OPENZ	EUR	8,5900	8,9600	8,5900			8,9600					
Certificate	NL0012677231	EUUSD 1.258S OPENB	EUR	9,9850	9,9850	9,9850			9,9850					
Certificate	LU1719404607	EUUSD 1.25TPIOPENS	EUR											
Certificate	DE000CQ5AWF9	EUUSD 1.25TS OPENC	EUR	10,5600	10,5600	10,5600			10,5600					
Certificate	DE000CQ5AW53	EUUSD 1.25TS OPENC	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	DE000CY50U52	EUUSD 1.25TS OPENC	EUR											
Certificate	NL0012677249	EUUSD 1.268S OPENB	EUR	10,8650	10,8650	10,8650			10,8650					
Certificate	LU1695201944	EUUSD 1.26TPIOPENS	EUR											
Certificate	NL0012560254	EUUSD 1.26TS OPENH	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	DE000VL2FQ76	EUUSD 1.26TS OPENV	EUR	10,7050	10,7050	10,7050			10,7050					
Certificate	DE000CE6E2D2	EUUSD 1.26TS OPENZ	EUR	10,3200	10,7000	10,3200			10,7000					
Certificate	LU1695202165	EUUSD 1.27TPIOPENS	EUR											
Certificate	DE000CJ3NLE2	EUUSD 1.27TS 1218Z	EUR	1,0850	1,1250	1,0850			1,1250					
Certificate	DE000CY50U60	EUUSD 1.27TS OPENC	EUR	11,7000	11,7000	11,7000			11,7000					
Certificate	DE000CY52XF3	EUUSD 1.27TS OPENC	EUR	11,3400	11,3400	11,3400			11,3400					
Certificate	DE000CY52XN7	EUUSD 1.27TS OPENC	EUR	12,2200	12,2200	12,2200			12,2200					
Certificate	DE000VL2FQ92	EUUSD 1.27TS OPENV	EUR	11,5850	11,5850	11,5850			11,5850					
Certificate	LU1695202249	EUUSD 1.28TPIOPENS	EUR											
Certificate	DE000CY16ZQ0	EUUSD 1.28TS OPENC	EUR	11,6400	11,6400	11,6400			11,6400					
Certificate	DE000CY52XE6	EUUSD 1.28TS OPENC	EUR	12,2200	12,2200	12,2200			12,2200					
Certificate	LU1695202322	EUUSD 1.29TPIOPENS	EUR											
Certificate	DE000CY52XD8	EUUSD 1.29TS OPENC	EUR	13,1000	13,1000	13,1000			13,1000					
Certificate	DE000CY50U78	EUUSD 1.29TS OPENC	EUR	13,4400	13,4400	13,4400			13,4400					
Certificate	DE000CY52XM9	EUUSD 1.29TS OPENC	EUR	13,9700	13,9700	13,9700			13,9700					
Certificate	DE000CJ3NLF9	EUUSD 1.31TS 1218Z	EUR	1,4350	1,4750	1,4350			1,4750					
Certificate	DE000CY50U86	EUUSD 1.31TS OPENC	EUR	15,1900	15,1900	15,1900			15,1900					
Certificate	DE000CY52XB2	EUUSD 1.31TS OPENC	EUR	14,8400	14,8400	14,8400			14,8400					
Certificate	DE000CQ5AWG7	EUUSD 1.31TS OPENC	EUR	15,8200	15,8200	15,8200			15,8200					
Certificate	NL0013085889	EUUSD 1.32TRSOPENH	EUR	16,1000	16,1000	16,1000			16,1000					
Certificate	DE000CY52XA4	EUUSD 1.32TS OPENC	EUR	15,7200	15,7200	15,7200			15,7200					
Certificate	DE000CQ5AWH5	EUUSD 1.32TS OPENC	EUR	16,7000	16,7000	16,7000			16,7000					
Certificate	DE000CY52X99	EUUSD 1.33TS OPENC	EUR	16,6000	16,6000	16,6000			16,6000					
Certificate	DE000CY52X81	EUUSD 1.34TS OPENC	EUR	17,4700	17,4700	17,4700			17,4700					
Certificate	DE000CY50U94	EUUSD 1.34TS OPENC	EUR	17,8100	17,8100	17,8100			17,8100					
Certificate	DE000CJ3NT43	EUUSD 1.35TS 1218Z	EUR	1,7850	1,8250	1,7850			1,8250					
Certificate	DE000CY52X73	EUUSD 1.35TS OPENC	EUR	18,3400	18,3400	18,3400			18,3400					
Certificate	DE000CY52XL1	EUUSD 1.35TS OPENC	EUR	19,2200	19,2200	19,2200			19,2200					
Certificate	DE000CZ7DV92	EUUSD 1.37TS OPENZ	EUR	20,0000	20,4100	20,0000			20,4100					
Certificate	DE000CV87HE1	EUUSD 1.41TS OPENZ	EUR	23,5000	23,9200	23,5000			23,9200					
Certificate	NL0012907372	EUUSD.8284TRLOPENH	EUR	27,3200	27,3200	27,3200			27,3200					
Certificate	NL0012906101	EUUSD.8485TRLOPENH	EUR	25,5500	25,5500	25,5500			25,5500					
Certificate	NL0012898902	EUUSD.8749TRLOPENH	EUR	23,2300	23,2300	23,2300			23,2300					
Certificate	NL0012906093	EUUSD.8987TRLOPENH	EUR	21,1400	21,1400	21,1400			21,1400					
Certificate	NL0012904478	EUUSD.9193TRLOPENH	EUR	19,3300	19,3300	19,3300			19,3300					
Certificate	NL0012906085	EUUSD.9438TRLOPENH	EUR	17,1700	17,1700	17,1700			17,1700					
Certificate	NL0012898886	EUUSD.9604TRLOPENH	EUR	15,7200	15,7200	15,7200			15,7200					
Certificate	NL0013086911	EUUSD.9811TRLOPENH	EUR	13,8900	13,8900	13,8900			13,8900					
Certificate	NL0012904460	EUUSD.9896TRLOPENH	EUR	13,1500	13,1500	13,1500			13,1500					
Certificate	NL0013083918	EUUSD.9969TRLOPENH	EUR	12,5100	12,5100	12,5100			12,5100					
Certificate	NL0012089304	EUUSD0.816TL OPENH	EUR	28,6900	28,6900	28,6900			28,6900					
Certificate	NL0012089296	EUUSD0.826TL OPENH	EUR	27,8200	27,8200	27,8200			27,8200					
Certificate	NL0012091367	EUUSD0.849TL OPENH	EUR	25,8700	25,8700	25,8700			25,8700					
Certificate	NL0011593496	EUUSD0.853TL OPENH	EUR	26,2700	26,2700	26,2700			26,2700					
Certificate	NL0012852222	EUUSD0.895TL OPENH	EUR	21,8300	21,8300	21,8300			21,8300					
Certificate	NL0012852180	EUUSD0.915TL OPENH	EUR	20,0700	20,0700	20,0700			20,0700					
Certificate	DE000CV8ATU1	EUUSD0.928TL OPENZ	EUR	18,7300	18,7300	18,4600			18,4600					
Certificate	NL0011231253	EUUSD0.936TL 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	EUUSD0.941TL OPENH	EUR	17,8000	17,8000	17,8000			17,8000					
Certificate	NL0012852123	EUUSD0.966TL OPENH	EUR	15,5900	15,5900	15,5900			15,5900					
Certificate	DE000CD64DQ1	EUUSD0.969TL OPENZ	EUR	15,1400	15,1400	14,8500			14,8500					
Certificate	NL0013127897	EUUSD0.971TRLOPENH	EUR	14,8300	14,8300	14,8300			14,8300					
Certificate	NL0012091342	EUUSD0.988TL OPENH	EUR	13,7400	13,7400	13,7400			13,7400					



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	LU1756896566	EUUSD1.001TCIOPENS	EUR											
Certificate	DE000CR6YKUO	EUUSD1.001TL OPENZ	EUR	12,3800	12,3800	12,0850			12,0850					
Certificate	NL0013083900	EUUSD1.002TRLOPENH	EUR	12,0700	12,0700	12,0700			12,0700					
Certificate	NL0013083892	EUUSD1.007TRLOPENH	EUR	11,6300	11,6300	11,6300			11,6300					
Certificate	NL0012089197	EUUSD1.009TL OPENH	EUR	11,8600	11,8600	11,8600			11,8600					
Certificate	NL0012898860	EUUSD1.016TRLOPENH	EUR	10,8700	10,8700	10,8700			10,8700					
Certificate	NL0013083884	EUUSD1.022TRLOPENH	EUR	10,3100	10,3100	10,3100			10,3100					
Certificate	NL0013083876	EUUSD1.027TRLOPENH	EUR	9,8700	9,8700	9,8700			9,8700					
Certificate	NL0012852057	EUUSD1.028TL OPENH	EUR	10,2000	10,2000	10,2000			10,2000					
Certificate	LU1756896723	EUUSD1.031TCIOPENS	EUR											
Certificate	NL0012852040	EUUSD1.033TL OPENH	EUR	9,7600	9,7600	9,7600			9,7600					
Certificate	NL0013078199	EUUSD1.033TRLOPENH	EUR	9,3700	9,3700	9,3700			9,3700					
Certificate	DE000VN66LF1	EUUSD1.038TL OPENV	EUR	3,3950	3,3950	3,3950			3,3950					
Certificate	DE000CR6YKV8	EUUSD1.041TL OPENZ	EUR	8,8600	8,8600	8,5500			8,5500					
Certificate	DE000VN66LH7	EUUSD1.043TL OPENV	EUR	2,9350	2,9350	2,9350			2,9350					
Certificate	NL0012903892	EUUSD1.045TL OPENH	EUR	8,6500	8,6500	8,6500			8,6500					
Certificate	NL0012904452	EUUSD1.045TRLOPENH	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	DE000VN66LK1	EUUSD1.048TL OPENV	EUR	2,4650	2,4650	2,4650			2,4650					
Certificate	DE000CD646V0	EUUSD1.051TL OPENZ	EUR	8,0000	8,0000	7,6800			7,6800					
Certificate	NL0012102560	EUUSD1.052BL OPENB	EUR	7,7250	7,7250	7,7250			7,7250					
Certificate	NL0013083868	EUUSD1.052TRLOPENH	EUR	7,6700	7,6700	7,6700			7,6700					
Certificate	DE000VN66LL9	EUUSD1.053TL OPENV	EUR	2,0050	2,0050	2,0050			2,0050					
Certificate	NL0011046560	EUUSD1.053TRLOPENH	EUR	7,6000	7,6000	7,6000			7,6000					
Certificate	NL0010930921	EUUSD1.056TL OPENB	EUR	8,8750	8,8750	8,8750			8,8750					
Certificate	DE000VN66LA2	EUUSD1.056TL OPENV	EUR	3,6250	3,6250	3,6250			3,6250					
Certificate	NL0013084692	EUUSD1.057TRLOPENH	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	NL0012896047	EUUSD1.058TL OPENH	EUR	7,8800	7,8800	7,5500	7880,0000	1	7,5500	1000				
Certificate	LU1756897028	EUUSD1.061TCIOPENS	EUR											
Certificate	DE000VN66LC8	EUUSD1.061TL OPENV	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	DE000CR6YKW6	EUUSD1.061TL OPENZ	EUR	7,1000	7,1000	6,7850			6,7850					
Certificate	NL0011421037	EUUSD1.062TRLOPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	NL0013082407	EUUSD1.062TRLOPENH	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	NL0012089130	EUUSD1.063TL OPENH	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	NL0011046172	EUUSD1.063TRLOPENH	EUR											
Certificate	NL0011041371	EUUSD1.064TL OPENH	EUR											
Certificate	DE000VN66RJ0	EUUSD1.064TL OPENV	EUR	1,0600	1,0950	1,0550	53,0000	1	1,0950	50				
Certificate	DE000VN66Q50	EUUSD1.066TL OPENV	EUR	2,8250	2,8250	2,8250			2,8250					
Certificate	NL0013083850	EUUSD1.067TRLOPENH	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000VN66RK8	EUUSD1.069TL OPENV	EUR											
Certificate	NL0011046925	EUUSD1.071TL OPENH	EUR	7,3400	7,3400	7,3300	14680,0000	1	7,3300	2000				
Certificate	DE000VN66Q76	EUUSD1.071TL OPENV	EUR											
Certificate	DE000CD63UB9	EUUSD1.071TL OPENZ	EUR	6,2200	6,2200	5,9000			5,9000					
Certificate	DE000VA87D55	EUUSD1.073TL OPENV	EUR	7,5650	7,5650	7,5650			7,5650					
Certificate	NL0012198253	EUUSD1.073TRLOPENH	EUR	5,8300	5,8300	5,8300			5,8300					
Certificate	NL0012852008	EUUSD1.074TL OPENH	EUR	6,2400	6,2400	6,2100	12480,0000	1	6,2100	2000				
Certificate	DE000VA87DW6	EUUSD1.076TL OPENV	EUR	5,4950	5,4950	5,4950			5,4950					
Certificate	DE000VN66Q92	EUUSD1.076TL OPENV	EUR											
Certificate	DE000VASRER1	EUUSD1.076TL OPENV	EUR	4,5750	4,5750	4,5750			4,5750					
Certificate	DE000VASREM2	EUUSD1.077TL OPENV	EUR	6,3750	6,3750	6,3750			6,3750					
Certificate	NL0012102545	EUUSD1.078TL OPENB	EUR	7,2700	7,5000	6,9150	11329,5000	4	6,9150	1550				
Certificate	DE000VA87D63	EUUSD1.078TL OPENV	EUR	7,1350	7,1350	7,1350			7,1350					
Certificate	NL0012089114	EUUSD1.079TL OPENH	EUR	5,7700	5,7700	5,7500	11540,0000	1	5,7500	2000				
Certificate	NL0012178131	EUUSD1.079TRLOPENH	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	LU1756897374	EUUSD1.081TCIOPENS	EUR											
Certificate	DE000VA8F535	EUUSD1.081TL OPENV	EUR	5,0350	5,0350	5,0350			5,0350					
Certificate	DE000VASREN0	EUUSD1.082TL OPENV	EUR	5,9350	5,9350	5,9350			5,9350					
Certificate	NL0012851992	EUUSD1.084TL OPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	DE000CR6Y9Y1	EUUSD1.084TL OPENZ	EUR	5,1200	5,1200	4,8000			4,8000					
Certificate	NL0012178123	EUUSD1.084TRLOPENH	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	DE000VASREP5	EUUSD1.087TL OPENV	EUR	5,5050	5,5050	5,5050			5,5050					
Certificate	DE000CV8A2R8	EUUSD1.091TL OPENZ	EUR	4,4700	4,4700	4,1450			4,1450					
Certificate	DE000VASREQ3	EUUSD1.092TL OPENV	EUR	5,0750	5,0750	5,0750			5,0750					
Certificate	NL0011041421	EUUSD1.094TL OPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CJ3PKC3	EUUSD1.096TL OPENZ	EUR	4,0250	4,0250	3,7050			3,7050					
Certificate	NL0012094981	EUUSD1.096TRLOPENH	EUR	4,1900	4,3300	3,7200	3566,9000	10	3,7700	910				
Certificate	NL0013017403	EUUSD1.097BL OPENB	EUR	3,7650	3,7650	3,7650			3,7650					
Certificate	DE000VA4Y147	EUUSD1.097TL OPENV	EUR	4,5550	4,5550	4,5550			4,5550					
Certificate	NL0010930947	EUUSD1.101TL OPENB	EUR	5,4600	5,4600	4,9150	8472,6400	2	4,9150	1600				
Certificate	DE000CN6G9M7	EUUSD1.101TL OPENZ	EUR	3,5750	3,5750	3,2450			3,2450					
Certificate	NL0013016132	EUUSD1.103BL OPENB	EUR	3,2600	3,2750	3,2550	391,2000	1	3,2750	120				
Certificate	NL0012176713	EUUSD1.103TRLOPENH	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	LU1816970674	EUUSD1.105TCIOPENS	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	NL0012176697	EUUSD1.105TRLOPENH	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	NL0012089072	EUUSD1.106TL OPENH	EUR	3,7500	3,7500	3,4200	11250,0000	1	3,4200	3000				
Certificate	DE000CV8AVK8	EUUSD1.106TL OPENZ	EUR	3,1350	3,1350	2,8050			2,8050					
Certificate	NL0011081849	EUUSD1.108BL OPENB	EUR	3,4600	3,5000	2,8850	8059,0000	4	2,8850	2420				
Certificate	DE000VA8F022	EUUSD1.109TL OPENV	EUR	4,3650	4,3650	4,3650			4,3650					
Certificate	NL0012176663	EUUSD1.109TRLOPENH	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0012105050	EUUSD1.112TL OPENB	EUR	4,0150	4,0150	4,0150			4,0150					
Certificate	DE000CR9NZF6	EUUSD1.112TL OPENZ	EUR	2,6450	2,6450	2,3150			2,3150					
Certificate	NL0012091763	EUUSD1.112TRLOPENH	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	NL0012195689	EUUSD1.114TRLOPENH	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	NL0012195671	EUUSD1.115TRLOPENH	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0012988794	EUUSD1.116BL OPENB	EUR	2,5000	2,5800	2,0850	6312,0000	5	2,1050	2500				
Certificate	NL0012089056	EUUSD1.116TL OPENH	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000VAGT1S3	EUUSD1.116TL OPENV	EUR	1,5550	1,5550	1,5550			1,5550					
Certificate	DE000CV8ATW7	EUUSD1.116TL OPENZ	EUR	2,2550	2,5200	1,9200	39180,0000	12	1,9200	16500				
Certificate	NL0012195663	EUUSD1.116TRLOPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0012195887	EUUSD1.117TL OPENH	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	NL0012091755	EUUSD1.118TRLOPENH	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0012195879	EUUSD1.119TL OPENH	EUR	2,2800	2,2800	2,2800			2,2800					
Certificate	NL0012200794	EUUSD1.119TRLOPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0012095210	EUUSD1.119TRLOPENH	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0012033740	EUUSD1.121BL OPENB	EUR	2,1300	2,2800	1,6950	870,0000	3	1,6950	400				
Certificate	NL0012089049	EUUSD1.121TL OPENH	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0012200778	EUUSD1.121TRLOPENH	EUR	1,5800	1,5800	1,5800			1,5800					
Certificate	NL0012119473	EUUSD1.122TL OPENB	EUR	3,7200	3,7200	3,1650	4170,0000	4	3,1650	1200				
Certificate	NL0012174015	EUUSD1.122TL OPENH	EUR	2,3700	2,4600	1,9600	1207,5000	2	1,9600	500				
Certificate	DE000CD64DR9	EUUSD1.122TL OPENZ	EUR	1,7550	1,7550	1,4200	225,0000	1	1,4200	150				
Certificate	NL0012200760	EUUSD1.122TRLOPENH	EUR	2,0900	2,0900	1,4900	6270,0000	2	1,4900	3000				
Certificate	NL0013124423	EUUSD1.124TL OPENH	EUR	2,0000	2,0000	1,7500	4000,0000	2	1,7500	2000				
Certificate	NL0013087760	EUUSD1.124TRLOPENH	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	LU1816970831	EUUSD1.125TCIOPENB	EUR											
Certificate	NL0012201255	EUUSD1.125TL OPENH	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0013087752	EUUSD1.125TRLOPENH	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CV8APC7	EUUSD1.126TL OPENZ	EUR	1,3800	1,6300	1,0450	871,4600	5	1,0450	584				
Certificate	NL0013087745	EUUSD1.126TRLOPENH	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	NL0012212716	EUUSD1.127TRLOPENH	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0013007495	EUUSD1.128BL OPENB	EUR	1,5700	1,5700	1,0200	3750,0100	8	1,0750	3151				
Certificate	NL0013127046	EUUSD1.129TRLOPENH	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	NL0012260954	EUUSD1.131TL OPENB	EUR											
Certificate	NL0012938922	EUUSD1.131TL OPENH	EUR											
Certificate	NL0012212872	EUUSD1.131TL OPENH	EUR	1,2100	1,2100	1,2100			1,2100					
Certificate	NL0012212682	EUUSD1.131TRLOPENH	EUR											
Certificate	NL0012794200	EUUSD1.132BL OPENB	EUR											
Certificate	DE000CE6CFLO	EUUSD1.132TL OPENZ	EUR											
Certificate	NL0013079825	EUUSD1.132TRLOPENH	EUR											
Certificate	NL0012214407	EUUSD1.133TL OPENH	EUR											
Certificate	NL0012212849	EUUSD1.134TL OPENH	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0012907364	EUUSD1.134TRLOPENH	EUR											
Certificate	DE000CV8AZY0	EUUSD1.135TL OPENZ	EUR											
Certificate	NL0013128879	EUUSD1.145TRRSOPENH	EUR	0,2400	0,2400	0,2400			0,2400					
Certificate	NL0013128333	EUUSD1.145TS OPENH	EUR											
Certificate	LU1841026500	EUUSD1.146TCIOPENB	EUR											
Certificate	NL0012991103	EUUSD1.146TL OPENB	EUR											
Certificate	NL0013128861	EUUSD1.146TRRSOPENH	EUR	0,3800	0,8100	0,3800	3900,0000	2	0,8100	10000				
Certificate	NL0013010705	EUUSD1.147TL OPENB	EUR											
Certificate	NL0013127889	EUUSD1.147TRRSOPENH	EUR	0,3700	0,9300	0,2900	1366,5000	5	0,8900	2700				
Certificate	NL0013127400	EUUSD1.147TS OPENH	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	NL0013127871	EUUSD1.148TRRSOPENH	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	NL0013127392	EUUSD1.148TS OPENH	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	LU1859906130	EUUSD1.149TPIOPENB	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	NL0013127863	EUUSD1.149TRRSOPENH	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	NL0013127384	EUUSD1.149TS OPENH	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	NL0013126014	EUUSD1.151TRRSOPENH	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	NL0013126410	EUUSD1.151TS OPENH	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	NL0013126006	EUUSD1.152TRRSOPENH	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0013087737	EUUSD1.153TRRSOPENH	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0013087729	EUUSD1.154TRRSOPENH	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	NL0013124415	EUUSD1.154TS OPENH	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CJ3PKD1	EUUSD1.154TS OPENZ	EUR	1,1250	1,4650	0,8250	773,7000	4	1,4650	870				
Certificate	NL0013087711	EUUSD1.155TRRSOPENH	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0013087703	EUUSD1.156TRRSOPENH	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	DE000VA8F4F8	EUUSD1.156TS OPENV	EUR	3,6450	3,6450	3,6450			3,6450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013087695	EUUSD1.157TRSOPENH	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	NL0013124407	EUUSD1.157TS OPENH	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	NL0013085657	EUUSD1.158TRSOPENH	EUR	1,2800	1,8600	1,2800	7713,7200	7	1,8600	4999				
Certificate	LU1859833581	EUUSD1.159TPIOPENS	EUR	1,8700	1,8700	1,8700								
Certificate	NL0013085640	EUUSD1.159TRSOPENH	EUR	1,9500	1,9500	1,9500								
Certificate	NL0013125636	EUUSD1.159TS OPENH	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000C3PE06	EUUSD1.159TS OPENZ	EUR	1,5600	1,9050	1,5600			1,9050					
Certificate	NL0012970065	EUUSD1.161TL OPENB	EUR											
Certificate	NL0013085624	EUUSD1.161TRSOPENH	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0013087349	EUUSD1.161TS OPENH	EUR	2,5500	2,5500	2,5500			2,5500					
Certificate	DE000VA8FXV2	EUUSD1.161TS OPENV	EUR	4,1050	4,1050	4,1050			4,1050					
Certificate	NL0013085616	EUUSD1.162TRSOPENH	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	NL0013085608	EUUSD1.163TRSOPENH	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	NL0012907356	EUUSD1.164TRSOPENH	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	DE000C3NZQ6	EUUSD1.164TS OPENZ	EUR	1,9900	2,3350	1,9900			2,3350					
Certificate	NL0012907570	EUUSD1.165TS OPENH	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	DE000VA8FZ80	EUUSD1.165TS OPENV	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	NL0012907349	EUUSD1.166TRSOPENH	EUR	2,5800	2,5800	2,5800			2,5800					
Certificate	DE000VA7PVC7	EUUSD1.166TS OPENV	EUR	4,5750	4,5750	4,5750			4,5750					
Certificate	NL0013084684	EUUSD1.167TRSOPENH	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0012907562	EUUSD1.168TS OPENH	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	NL0012906366	EUUSD1.169TRSOPENH	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	NL0013086903	EUUSD1.169TRSOPENH	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	DE000VA8FRX0	EUUSD1.169TS OPENV	EUR	2,7950	2,7950	2,7950			2,7950					
Certificate	DE000C3PCJ5	EUUSD1.169TS OPENZ	EUR	2,4350	2,7800	2,4350			2,7800					
Certificate	LU1840909615	EUUSD1.171TPIOPENS	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000VA7PVD5	EUUSD1.171TS OPENV	EUR	5,0250	5,0250	5,0250			5,0250					
Certificate	NL0013078181	EUUSD1.172TRSOPENH	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0013081672	EUUSD1.172TS OPENH	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	NL0013083827	EUUSD1.173TRSOPENH	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	DE000VA7PU92	EUUSD1.174TS OPENV	EUR	3,2350	3,2350	3,2350			3,2350					
Certificate	NL0012905723	EUUSD1.175TRSOPENH	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	NL0012906267	EUUSD1.175TS OPENH	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	DE000C3NVW3	EUUSD1.175TS OPENZ	EUR	2,8850	3,2350	2,8850			3,2350					
Certificate	NL0013083819	EUUSD1.176TRSOPENH	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	DE000VA640R1	EUUSD1.176TS OPENV	EUR	5,4850	5,4850	5,4850			5,4850					
Certificate	NL0013083801	EUUSD1.177TRSOPENH	EUR	3,0600	3,5900	2,9000	3584,3100	15	3,5400	1102				
Certificate	NL0012907059	EUUSD1.177TS OPENH	EUR	3,4000	3,9100	3,2500	315695,0000	52	3,9100	92500				
Certificate	NL0012905863	EUUSD1.177TS OPENH	EUR	3,9200	3,9200	3,9200			3,9200					
Certificate	NL0013084676	EUUSD1.178TRSOPENH	EUR	3,6300	3,6300	3,6300			3,6300					
Certificate	DE000CV8A2T4	EUUSD1.178TS OPENZ	EUR											
Certificate	NL0012905715	EUUSD1.179TRSOPENH	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	NL0012906259	EUUSD1.179TS OPENH	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000VA640P5	EUUSD1.179TS OPENV	EUR	3,6850	3,6850	3,6850			3,6850					
Certificate	DE000VA64Y40	EUUSD1.181TS OPENV	EUR	5,9350	5,9350	5,9350			5,9350					
Certificate	NL0013082365	EUUSD1.182TRSOPENH	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	LU1840909706	EUUSD1.183TPIOPENS	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	NL0012915508	EUUSD1.183TS OPENH	EUR	4,5900	4,5900	4,5400	27540,0000	1	4,5400	6000				
Certificate	NL0012915953	EUUSD1.184TRSOPENH	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	NL0012920862	EUUSD1.184TS OPENH	EUR	4,3300	4,6200	4,3300	4330,0000	1	4,6200	1000				
Certificate	DE000VA4Y121	EUUSD1.184TS OPENV	EUR	4,1050	4,1050	4,1050			4,1050					
Certificate	NL0012915946	EUUSD1.185TRSOPENH	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	NL0012915490	EUUSD1.185TS OPENH	EUR	4,5800	4,7200	4,5800	22900,0000	1	4,7200	5000				
Certificate	DE000VA3ECD8	EUUSD1.185TS OPENV	EUR	6,4050	6,4050	6,4050			6,4050					
Certificate	DE000CV8AJ16	EUUSD1.185TS OPENZ	EUR	3,7650	4,1150	3,7650			4,1150					
Certificate	NL0012922280	EUUSD1.186TS OPENH	EUR	4,6700	4,8000	4,6700	23350,0000	1	4,8000	5000				
Certificate	LU1756999378	EUUSD1.187TPIOPENS	EUR											
Certificate	NL0012902639	EUUSD1.187TRSOPENH	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0012862148	EUUSD1.187TS OPENH	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	NL0012862130	EUUSD1.188TS OPENH	EUR	4,8800	4,9900	4,8800	24400,0000	1	4,9900	5000				
Certificate	DE000VA15U51	EUUSD1.188TS OPENV	EUR	4,5550	4,5550	4,5550			4,5550					
Certificate	NL0012922843	EUUSD1.189TRSOPENH	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	NL0012862122	EUUSD1.189TS OPENH	EUR	4,9500	5,0800	4,9500	24750,0000	1	5,0800	5000				
Certificate	NL0012792535	EUUSD1.191BS OPENB	EUR	4,7350	4,7350	4,7350			4,7350					
Certificate	NL0012863765	EUUSD1.191TRSOPENH	EUR	4,6800	4,6800	4,6800			4,6800					
Certificate	NL0012792659	EUUSD1.191TS OPENB	EUR	6,7650	6,7650	6,7650			6,7650					
Certificate	LU1756999535	EUUSD1.192TPIOPENS	EUR											
Certificate	NL0012863757	EUUSD1.192TRSOPENH	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	NL0012863948	EUUSD1.192TS OPENV	EUR	5,3300	5,3600	5,3300	32060,0000	3	5,3500	6000				
Certificate	NL0012863740	EUUSD1.193TRSOPENH	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	NL0012863930	EUUSD1.193TS OPENH	EUR	5,4200	5,4500	5,4200	32600,0000	3	5,4300	6000				
Certificate	DE000VA15U69	EUUSD1.193TS OPENV	EUR	4,9950	4,9950	4,9950			4,9950					



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	NL0012863922	EUUSD1.194TS OPENH	EUR	5,5200	5,5200	5,5200	11040,0000	1	5,5200	2000				
Certificate	NL0012863724	EUUSD1.195TRSOPENH	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	NL0012862379	EUUSD1.195TS OPENH	EUR	5,6100	5,6100	5,6100	5610,0000	1	5,6100	1000				
Certificate	DE000CV8A0Y8	EUUSD1.195TS OPENZ	EUR	4,6500	5,0000	4,6500			5,0000					
Certificate	NL0012861884	EUUSD1.196TS OPENH	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000VAGT126	EUUSD1.196TS OPENV	EUR	7,2850	7,2850	7,2850			7,2850					
Certificate	LU1756999709	EUUSD1.197TPIOPENS	EUR											
Certificate	NL0012861876	EUUSD1.197TS OPENH	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	NL0012863260	EUUSD1.198TRSOPENH	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0012861868	EUUSD1.198TS OPENH	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	DE000VA15U85	EUUSD1.198TS OPENV	EUR	5,4250	5,4250	5,4250			5,4250					
Certificate	NL0012609655	EUUSD1.199TL OPENH	EUR											
Certificate	NL0012609390	EUUSD1.199TRLOPENH	EUR											
Certificate	NL0012861850	EUUSD1.199TS OPENH	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	NL0012791339	EUUSD1.201BS OPENB	EUR	4,9800	5,6150	4,9800	2767,5000	2	5,6150	550				
Certificate	NL0012552699	EUUSD1.201TL OPENH	EUR											
Certificate	NL0012861710	EUUSD1.201TRSOPENH	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	NL0012790372	EUUSD1.201TS OPENB	EUR	7,6650	7,6650	7,6650			7,6650					
Certificate	NL0012849327	EUUSD1.201TS OPENH	EUR	5,6200	6,1400	5,6200	899,2000	1	6,1400	160				
Certificate	NL0012609093	EUUSD1.202TL OPENH	EUR											
Certificate	LU1756856859	EUUSD1.202TPIOPENS	EUR											
Certificate	NL0012608897	EUUSD1.202TRLOPENH	EUR											
Certificate	NL0012849319	EUUSD1.202TS OPENH	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	NL0012584585	EUUSD1.203TL OPENH	EUR											
Certificate	NL0012861694	EUUSD1.203TRSOPENH	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	DE000VA15RK2	EUUSD1.203TS OPENV	EUR	5,8650	5,8650	5,8650			5,8650					
Certificate	NL0012609085	EUUSD1.204TL OPENH	EUR											
Certificate	NL0012554711	EUUSD1.204TRLOPENH	EUR											
Certificate	NL0012850994	EUUSD1.204TRSOPENH	EUR	5,9200	5,9200	5,9200			5,9200					
Certificate	NL0012848022	EUUSD1.204TS OPENH	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	NL0012585277	EUUSD1.205TL OPENH	EUR											
Certificate	NL0012848014	EUUSD1.205TS OPENH	EUR	6,5000	6,5000	6,5000			6,5000					
Certificate	DE000VA2T8U8	EUUSD1.205TS OPENV	EUR	8,1950	8,1950	8,1950			8,1950					
Certificate	DE000CV8A0Z5	EUUSD1.205TS OPENZ	EUR	5,5200	5,8800	5,5200			5,8800					
Certificate	NL0012585814	EUUSD1.206TRLOPENH	EUR											
Certificate	NL0012847065	EUUSD1.206TS OPENH	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	NL0012848295	EUUSD1.207TRSOPENH	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	NL0012847057	EUUSD1.207TS OPENH	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	NL0012847040	EUUSD1.208TS OPENH	EUR	6,7600	6,7600	6,7600			6,7600					
Certificate	DE000VA15RM8	EUUSD1.208TS OPENV	EUR	6,3150	6,3150	6,3150			6,3150					
Certificate	LU1756401268	EUUSD1.209TPIOPENS	EUR											
Certificate	NL0012847032	EUUSD1.209TS OPENH	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	NL0012788442	EUUSD1.211TS OPENB	EUR	8,2700	8,6000	8,2700	16783,6000	3	8,5750	2026				
Certificate	NL0012846620	EUUSD1.211TS OPENH	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	NL0012615553	EUUSD1.213TS OPENH	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	DE000VA2T5Y6	EUUSD1.213TS OPENV	EUR	6,7450	6,7450	6,7450			6,7450					
Certificate	NL0012520126	EUUSD1.214TRSOPENH	EUR											
Certificate	NL0012615777	EUUSD1.215TRSOPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	NL0012613673	EUUSD1.215TS OPENH	EUR	7,3800	7,3800	7,3800			7,3800					
Certificate	DE000VA2T8W4	EUUSD1.215TS OPENV	EUR	9,0950	9,0950	9,0950			9,0950					
Certificate	DE000CV8A104	EUUSD1.215TS OPENZ	EUR	6,4000	6,7600	6,4000			6,7600					
Certificate	DE000VA1ZDX3	EUUSD1.218TS OPENV	EUR	7,1950	7,1950	7,1950			7,1950					
Certificate	LU1756401342	EUUSD1.219TPIOPENS	EUR											
Certificate	NL0012612675	EUUSD1.219TRSOPENH	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	NL0012786545	EUUSD1.221TS OPENB	EUR	9,4750	9,4750	9,4750			9,4750					
Certificate	NL0012615546	EUUSD1.223TS OPENH	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	DE000VA1ZDZ8	EUUSD1.223TS OPENV	EUR	7,6350	7,6350	7,6350			7,6350					
Certificate	NL0012611545	EUUSD1.224TS OPENH	EUR	8,1800	8,1800	8,1800			8,1800					
Certificate	DE000VA2T8Y0	EUUSD1.225TS OPENV	EUR	10,0050	10,0050	10,0050			10,0050					
Certificate	DE000CJ3NRS9	EUUSD1.225TS OPENZ	EUR	7,2700	7,6300	7,2700			7,6300					
Certificate	NL0012612634	EUUSD1.227TRSOPENH	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	NL0012611503	EUUSD1.228TS OPENH	EUR	8,5300	8,5300	8,5300			8,5300					
Certificate	DE000VA1ZD14	EUUSD1.228TS OPENV	EUR	8,0750	8,0750	8,0750			8,0750					
Certificate	LU1756820665	EUUSD1.229TPIOPENS	EUR											
Certificate	NL0012612204	EUUSD1.231TRSOPENH	EUR	8,2000	8,2000	8,2000			8,2000					
Certificate	NL0012785588	EUUSD1.231TS OPENB	EUR	10,3750	10,3750	10,3750			10,3750					
Certificate	NL0012611065	EUUSD1.232TS OPENH	EUR	8,8800	8,8800	8,8800			8,8800					
Certificate	DE000VA1ZD30	EUUSD1.233TS OPENV	EUR	8,5400	8,5450	8,5150	145,1800	1	8,5150	17				
Certificate	NL0012611248	EUUSD1.235TRSOPENH	EUR	8,5600	8,5600	8,5600			8,5600					
Certificate	DE000VA2T802	EUUSD1.235TS OPENV	EUR	10,8950	10,8950	10,8950			10,8950					
Certificate	NL0012609614	EUUSD1.236TS OPENH	EUR	9,2400	9,2400	9,2400			9,2400					
Certificate	DE000VA1ZD55	EUUSD1.238TS OPENV	EUR	8,9550	8,9550	8,9550			8,9550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	LU1756820822	EUUSD1.239TPIOPENS	EUR											
Certificate	NL0012609366	EUUSD1.239TRSOPENH	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	NL0012784540	EUUSD1.241TS OPENB	EUR	11,2750	11,2750	11,2750			11,2750					
Certificate	NL0012609028	EUUSD1.241TS OPENH	EUR	9,6800	9,6800	9,6800			9,6800					
Certificate	NL0012608863	EUUSD1.243TRSOPENH	EUR	9,2600	9,2600	9,2600			9,2600					
Certificate	NL0012600969	EUUSD1.245TS OPENH	EUR	10,0300	10,0300	10,0300			10,0300					
Certificate	DE000VA2T828	EUUSD1.245TS OPENV	EUR	11,7850	11,7850	11,7850			11,7850					
Certificate	NL0012600951	EUUSD1.246TS OPENH	EUR	10,1200	10,1200	10,1200			10,1200					
Certificate	NL0012602163	EUUSD1.247TRSOPENH	EUR	9,6200	9,6200	9,6200			9,6200					
Certificate	NL0012600688	EUUSD1.248TRSOPENH	EUR	9,7100	9,7100	9,7100			9,7100					
Certificate	NL0012600936	EUUSD1.248TS OPENH	EUR	10,3000	10,3000	10,3000			10,3000					
Certificate	DE000VA1SS24	EUUSD1.248TS OPENV	EUR	9,8350	9,8350	9,8350			9,8350					
Certificate	DE000CV886D8	EUUSD1.249TS OPENZ	EUR	9,4100	9,7800	9,4100			9,7800					
Certificate	NL0012600647	EUUSD1.252TRSOPENH	EUR	10,0800	10,0800	10,0800			10,0800					
Certificate	NL0012581888	EUUSD1.253TS OPENH	EUR	10,7200	10,7200	10,7200			10,7200					
Certificate	DE000VA1SS32	EUUSD1.253TS OPENV	EUR	10,2750	10,2750	10,2750			10,2750					
Certificate	LU1719404789	EUUSD1.255TPIOPENS	EUR											
Certificate	NL0012582050	EUUSD1.256TRSOPENH	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	NL0012605372	EUUSD1.256TS OPENH	EUR	11,0000	11,0000	11,0000			11,0000					
Certificate	NL0012582043	EUUSD1.257TRSOPENH	EUR	10,5300	10,5300	10,5300			10,5300					
Certificate	NL0012581748	EUUSD1.261TRSOPENH	EUR	10,8900	10,8900	10,8900			10,8900					
Certificate	DE000CV52XG1	EUUSD1.261TS OPENC	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	NL0012560734	EUUSD1.263TRSOPENH	EUR	11,0800	11,0800	11,0800			11,0800					
Certificate	NL0012088728	EUUSD1.263TS OPENH	EUR	11,6100	11,6100	11,6100			11,6100					
Certificate	NL0012560221	EUUSD1.264TS OPENH	EUR	11,6700	11,6700	11,6700			11,6700					
Certificate	LU1695202082	EUUSD1.265TPIOPENS	EUR											
Certificate	DE000VL2FQ84	EUUSD1.265TS OPENV	EUR	11,1450	11,1450	11,1450			11,1450					
Certificate	NL0012436257	EUUSD1.267TRSOPENH	EUR	11,4300	11,4300	11,4300			11,4300					
Certificate	NL0012560700	EUUSD1.268TRSOPENH	EUR	11,5200	11,5200	11,5200			11,5200					
Certificate	NL0012560999	EUUSD1.268TS OPENH	EUR	12,0300	12,0300	12,0300			12,0300					
Certificate	DE000CE6E523	EUUSD1.269TS OPENZ	EUR	11,1900	11,5600	11,1900			11,5600					
Certificate	NL0012563597	EUUSD1.271TS OPENH	EUR	12,3000	12,3000	12,3000			12,3000					
Certificate	NL0011040993	EUUSD1.271TS OPENH	EUR	13,4400	13,4400	13,4400			13,4400					
Certificate	NL0010155818	EUUSD1.272TL OPENA	EUR											
Certificate	NL0012563589	EUUSD1.272TS OPENH	EUR	12,3900	12,3900	12,3900			12,3900					
Certificate	NL0012560668	EUUSD1.273TRSOPENH	EUR	11,9700	11,9700	11,9700			11,9700					
Certificate	NL0012554513	EUUSD1.274TRSOPENH	EUR	12,0500	12,0500	12,0500			12,0500					
Certificate	NL0012563860	EUUSD1.275TRSOPENH	EUR	12,1400	12,1400	12,1400			12,1400					
Certificate	DE000VL2FRA8	EUUSD1.275TS OPENV	EUR	12,0350	12,0350	12,0350			12,0350					
Certificate	NL0010155826	EUUSD1.276TS OPENA	EUR											
Certificate	NL0012563845	EUUSD1.277TRSOPENH	EUR	12,3200	12,3200	12,3200			12,3200					
Certificate	NL0012580807	EUUSD1.277TS OPENH	EUR	12,8400	12,8400	12,8400			12,8400					
Certificate	NL0010876660	EUUSD1.278TS OPENB	EUR	14,5450	14,5450	14,5450			14,5450					
Certificate	NL0012552467	EUUSD1.281TS OPENH	EUR	13,1700	13,1700	13,1700			13,1700					
Certificate	DE000CR1JU20	EUUSD1.284TS OPENZ	EUR	12,4700	12,8500	12,4700			12,8500					
Certificate	NL0012554489	EUUSD1.289TRSOPENH	EUR	13,3800	13,3800	13,3800			13,3800					
Certificate	DE000CE6E1A1	EUUSD1.294TS OPENZ	EUR	13,3500	13,7400	13,3500			13,7400					
Certificate	NL0012559512	EUUSD1.295TRSOPENH	EUR	13,8300	13,8300	13,8300			13,8300					
Certificate	NL0010519880	EUUSD1.299BS OPENB	EUR	14,3300	14,3300	14,3300			14,3300					
Certificate	NL0013083793	EUUSD1.301TRSOPENH	EUR	14,3600	14,3600	14,3600			14,3600					
Certificate	NL0012560189	EUUSD1.301TS OPENH	EUR	14,9400	14,9400	14,9400			14,9400					
Certificate	NL0013083785	EUUSD1.306TRSOPENH	EUR	14,8000	14,8000	14,8000			14,8000					
Certificate	DE000CR1JDN2	EUUSD1.311TS OPENZ	EUR	14,8500	15,2400	14,8500			15,2400					
Certificate	NL0012563837	EUUSD1.315TRSOPENH	EUR	15,5900	15,5900	15,5900			15,5900					
Certificate	NL0013083777	EUUSD1.321TRSOPENH	EUR	16,1200	16,1200	16,1200			16,1200					
Certificate	NL0012851950	EUUSD1.321TS OPENH	EUR	16,7500	16,7500	16,7500			16,7500					
Certificate	DE000CV4ZKR2	EUUSD1.321TS OPENZ	EUR	15,7400	16,1300	15,7400			16,1300					
Certificate	NL0013083769	EUUSD1.326TRSOPENH	EUR	16,5600	16,5600	16,5600			16,5600					
Certificate	NL0013083751	EUUSD1.331TRSOPENH	EUR	17,0000	17,0000	17,0000			17,0000					
Certificate	DE000CV4ZR52	EUUSD1.331TS OPENZ	EUR	16,6100	17,0000	16,6100			17,0000					
Certificate	NL0006280570	EUUSD1.336TS OPENB	EUR	19,8700	19,8700	19,8700			19,8700					
Certificate	NL0012851919	EUUSD1.341TS OPENH	EUR	18,5200	18,5200	18,5200			18,5200					
Certificate	DE000CV4ZR60	EUUSD1.341TS OPENZ	EUR	17,4800	17,8800	17,4800			17,8800					
Certificate	NL0012904445	EUUSD1.342TRSOPENH	EUR	17,9800	17,9800	17,9800			17,9800					
Certificate	NL0006215667	EUUSD1.348TS OPENB	EUR	20,9500	20,9500	20,9500			20,9500					
Certificate	NL0011228002	EUUSD1.349TS OPENH	EUR	20,4300	20,4300	20,4300			20,4300					
Certificate	DE000CV4ZV80	EUUSD1.351TS OPENZ	EUR	18,3400	18,7400	18,3400			18,7400					
Certificate	NL0012851893	EUUSD1.352TS OPENH	EUR	19,4100	19,4100	19,4100			19,4100					
Certificate	NL0009755081	EUUSD1.359TS OPENB	EUR	21,9400	21,9400	21,9400			21,9400					
Certificate	NL0012898845	EUUSD1.367TRSOPENH	EUR	20,1600	20,1600	20,1600			20,1600					
Certificate	NL0012851869	EUUSD1.367TS OPENH	EUR	20,7300	20,7300	20,7300			20,7300					
Certificate	NL0006217283	EUUSD1.376TS OPENB	EUR	23,4800	23,4800	23,4800			23,4800					



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	NL0012851828	EUUSD1.387TS OPENH	EUR	22,5000	22,5000	22,5000			22,5000					
Certificate	NL0012906077	EUUSD1.397TRSOPENH	EUR	22,8000	22,8000	22,8000			22,8000					
Certificate	NL0012851786	EUUSD1.407TS OPENH	EUR	24,2600	24,2600	24,2600			24,2600					
Certificate	NL0006280588	EUUSD1.411TS OPENB	EUR	26,5800	26,5800	26,5800			26,5800					
Certificate	NL0012904437	EUUSD1.427TRSOPENH	EUR	25,4500	25,4500	25,4500			25,4500					
Certificate	NL0012851745	EUUSD1.427TS OPENH	EUR	26,0300	26,0300	26,0300			26,0300					
Certificate	NL0012851703	EUUSD1.447TS OPENH	EUR	27,7900	27,7900	27,7900			27,7900					
Certificate	DE000C270VB9	EUUSD1.449TS OPENZ	EUR	26,9100	27,3400	26,9100			27,3400					
Certificate	NL0012906069	EUUSD1.457TRSOPENH	EUR	28,0700	28,0700	28,0700			28,0700					
Certificate	NL0012851661	EUUSD1.467TS OPENH	EUR	29,5600	29,5600	29,5600			29,5600					
Certificate	NL0012898803	EUUSD1.482TRSOPENH	EUR	30,2700	30,2700	30,2700			30,2700					
Certificate	NL0011231238	EUUSD1.482TS OPENH	EUR	32,2700	32,2700	32,2700			32,2700					
Certificate	NL0012851620	EUUSD1.487TS OPENH	EUR	31,3300	31,3300	31,3300			31,3300					
Certificate	DE000CV87HF8	EUUSD1.489TS OPENZ	EUR	30,4000	30,8500	30,4000			30,8500					
Certificate	NL0012851588	EUUSD1.507TS OPENH	EUR	33,0900	33,0900	33,0900			33,0900					
Certificate	NL0012851547	EUUSD1.527TS OPENH	EUR	34,8600	34,8600	34,8600			34,8600					
Certificate	NL0012860233	EUUSD1.547TS OPENH	EUR	36,6300	36,6300	36,6300			36,6300					
Certificate	NL0011887989	EUUSF1.041TRLOPENH	EUR	8,6200	8,6200	8,6200			8,6200					
Certificate	DE000CV88839	EUZAR 20.2TS OPENZ	EUR	23,5200	23,7600	23,5200			23,7600					
Certificate	DE000CV894G5	EUZAR13.14TL OPENZ	EUR	19,9700	19,9700	19,8200			19,8200					
Certificate	DE000CE6E150	EUZAR14.15TL OPENZ	EUR	13,8400	13,8400	13,6800			13,6800					
Certificate	DE000CE6BL19	EUZAR15.19TL OPENZ	EUR	7,4600	7,4600	7,2850			7,2850					
Certificate	DE000CJ3PM97	EUZAR16.17TL OPENZ	EUR	1,4850	1,4850	1,3000			1,3000					
Certificate	DE000CJ3PA18	EUZAR17.18TS OPENZ	EUR	5,1200	5,3100	5,1200			5,3100					
Certificate	DE000CD62221	EUZAR18.17TS OPENZ	EUR	11,1400	11,3500	11,1400			11,3500					
Certificate	DE000CE6E168	EUZAR19.17TS OPENZ	EUR	17,2500	17,4700	17,2500			17,4700					
Certificate	DE000CJ3N8J7	EVTG 14.8TL OPENZ	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	DE000CJ3PVL1	EVTG 16.3TL OPENZ	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	DE000CE6CXQ2	EVTG 11.32TL OPENZ	EUR	6,8900	6,8900	6,8900			6,8900					
Certificate	DE000CV88R23	EVTG 12.31TL OPENZ	EUR	5,9000	5,9000	5,9000			5,9000					
Certificate	DE000CV892M7	EVTG 13.31TL OPENZ	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	DE000CE6CX89	EVTG 9.793TL OPENZ	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	NL0009517689	EXXON 47.7TL OPENB	EUR	31,8400	31,8400	31,8400			31,8400					
Certificate	NL0011729777	EXXON102.5TS OPENH	EUR	2,6200	2,6500	2,6200			2,6500					
Certificate	NL0011732607	EXXON103.3TS OPENH	EUR	2,6900	2,7200	2,6900			2,7200					
Certificate	DE000CR4J0T1	EXXON69.88TL OPENZ	EUR	9,6600	9,6600	9,6600			9,6600					
Certificate	NL0011739172	EXXON89.03TS OPENH	EUR	1,3500	1,3700	1,3500			1,3700					
Certificate	NL0011729785	EXXON90.77TS OPENH	EUR	1,5100	1,5300	1,5100			1,5300					
Certificate	NL0011052170	EXXON90.86TS OPENH	EUR	1,5200	1,5400	1,5200			1,5400					
Certificate	NL0011732615	EXXON91.55TS OPENH	EUR	1,5800	1,6100	1,5800			1,6100					
Certificate	NL0011928379	EXXON99.33TS OPENH	EUR	2,3200	2,3500	2,3200			2,3500					
Certificate	DE000CJ3PK24	EZJ 10.69TL OPENZ	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CJ3N4L2	EZJ 7.675TL OPENZ	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	DE000CJ3NSG2	EZJ 9.191TL OPENZ	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	NL0011796818	FAGR 5TL OPENB	EUR	11,4350	11,4350	11,4350			11,4350					
Certificate	NL0011806328	FAGR 6TL OPENB	EUR	10,4650	10,4650	10,4650			10,4650					
Certificate	NL0013145881	FAGR 14TL OPENB	EUR	2,1950	2,1950	2,1950			2,1950					
Certificate	NL0011529383	FAGR 1.9TL OPENB	EUR	14,3350	14,3350	14,3350			14,3350					
Certificate	NL0011529391	FAGR 2.9TL OPENB	EUR	13,4150	13,4150	13,4150			13,4150					
Certificate	NL0011648605	FAGR 3.9TL OPENB	EUR	12,4150	12,4150	12,4150			12,4150					
Certificate	NL0011916036	FAGR 7.1TL OPENB	EUR	8,7950	8,7950	8,7950			8,7950					
Certificate	NL0012029169	FAGR 8.2TL OPENB	EUR	7,8350	7,8350	7,8350			7,8350					
Certificate	NL0012109060	FAGR 9.3TL OPENB	EUR	6,8700	6,8750	6,8700	3435,0000	1	6,8750	500				
Certificate	NL0012504484	FAGR 9.8TL OPENB	EUR	6,4450	6,4450	6,4450			6,4450					
Certificate	NL0012684955	FAGR 10.4TL OPENB	EUR	5,9550	5,9550	5,9550			5,9550					
Certificate	NL0012684963	FAGR 10.9TL OPENB	EUR	5,5150	5,5150	5,5150			5,5150					
Certificate	NL0012684971	FAGR 11.4TL OPENB	EUR	5,0750	5,0750	5,0750			5,0750					
Certificate	DE000CV50322	FAGR 11.4TL OPENZ	EUR	0,8800	0,8800	0,8250	956,0000	2	0,8250	1100				
Certificate	NL0012685564	FAGR 11.9TL OPENB	EUR	4,6350	4,6350	4,6350			4,6350					
Certificate	NL0012780746	FAGR 12.4TL OPENB	EUR	4,1350	4,1350	4,1350			4,1350					
Certificate	NL0012781645	FAGR 12.9TL OPENB	EUR	3,7050	3,7050	3,7050			3,7050					
Certificate	NL0012782551	FAGR 13.5TL OPENB	EUR	3,1850	3,1850	3,1850			3,1850					
Certificate	NL0013018120	FAGR 14.2TS OPENB	EUR											
Certificate	NL0013017288	FAGR 14.7TS OPENB	EUR											
Certificate	NL0013016033	FAGR 15.2TS OPENB	EUR	2,0150	2,0150	2,0050			2,0050					
Certificate	NL0013015647	FAGR 15.7TS OPENB	EUR	2,5650	2,5650	2,5550			2,5550					
Certificate	NL0013014228	FAGR 16.2TS OPENB	EUR	3,1150	3,1150	3,1050			3,1050					
Certificate	NL0013004245	FAGR 16.7TS OPENB	EUR	3,7650	3,7650	3,7550			3,7550					
Certificate	DE000CV88M93	FAGR 17.1TS OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	NL0012980551	FAGR 17.2TS OPENB	EUR	5,4650	5,4650	5,4550			5,4550					
Certificate	NL0012994560	FAGR 17.7TS OPENB	EUR	5,9950	5,9950	5,9850			5,9850					
Certificate	DE000CD62NE0	FAGR 7.53TL OPENZ	EUR	1,5650	1,5650	1,5650			1,5650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD63MQ4	FAGR 8.52TL OPENZ	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	DE000CE6BH31	FAGR 9.28TL OPENZ	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	DE000CV50301	FAGR 10.35TL OPENZ	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	DE000CV88BD4	FAGR 12.46TL OPENZ	EUR	0,6700	0,6700	0,6250	134,0000	1	0,6250	200				
Certificate	DE000CV88D11	FAGR 13.52TL OPENZ	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	DE000CV89Z63	FAGR 18.99TS OPENZ	EUR	1,0750	1,0750	1,0750			1,0750					
Certificate	DE000CR9RFH5	FAGR 24.98TS OPENZ	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CW42AL4	FBOOK 84TL OPENC	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	DE000CV88BQ6	FBOOK 90TL 1218Z	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	DE000CX00QC5	FBOOK 100TL OPENC	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000CV88BR4	FBOOK 120TL 1218Z	EUR	2,7350	2,7350	2,7350			2,7350					
Certificate	DE000CQ5AF96	FBOOK 120TL OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CQ5AF54	FBOOK 120TL OPENC	EUR	2,4000	2,4300	2,2600	425,4000	2	2,2600	176				
Certificate	DE000CX01LS0	FBOOK 125TS OPENC	EUR											
Certificate	DE000CQ58ZY1	FBOOK 130TL OPENC	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000CQ5AFA5	FBOOK 130TL OPENC	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000CV50R32	FBOOK 130TL OPENC	EUR											
Certificate	DE000CQ5AF62	FBOOK 130TL OPENC	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CJ3N6G7	FBOOK 131TL 1218Z	EUR	2,0400	2,0400	1,7750	306,0000	1	1,7750	150				
Certificate	DE000CV88BS2	FBOOK 140TL 1218Z	EUR											
Certificate	DE000CQ5AFB3	FBOOK 140TL OPENC	EUR											
Certificate	DE000CQ58Z28	FBOOK 160TS OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CP06P30	FBOOK 170TS OPENC	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000CP06PR8	FBOOK 170TS OPENC	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	DE000CQ5B139	FBOOK 180TL OPENC	EUR											
Certificate	DE000CP06537	FBOOK 180TS OPENC	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	DE000CP064G3	FBOOK 180TS OPENC	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CY52C37	FBOOK 180TS OPENC	EUR											
Certificate	DE000CY52AE4	FBOOK 180TS OPENC	EUR											
Certificate	DE000CQ58VQ6	FBOOK 190TS OPENC	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CQ58TV0	FBOOK 190TS OPENC	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	DE000CQ58TW8	FBOOK 200TS OPENC	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000CQ5BA82	FBOOK 200TS OPENC	EUR											
Certificate	DE000CY50W35	FBOOK 200TS OPENC	EUR											
Certificate	DE000CQ58VR4	FBOOK 200TS OPENC	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	DE000CQ58147	FBOOK 200TS OPENC	EUR											
Certificate	DE000CY52JN6	FBOOK 205TS OPENC	EUR											
Certificate	DE000CQ58TX6	FBOOK 210TS OPENC	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000CQ58VS2	FBOOK 210TS OPENC	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	DE000CQ58J18	FBOOK 220TS OPENC	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	DE000CQ58PX4	FBOOK 230TS OPENC	EUR	6,9600	6,9600	6,9600			6,9600					
Certificate	DE000CQ58PY2	FBOOK 240TS OPENC	EUR	7,8400	7,8400	7,8400			7,8400					
Certificate	DE000CV8AHN1	FBOOK 105.TL OPENZ	EUR	3,9550	3,9550	3,9550			3,9550					
Certificate	DE000VA80KX4	FBOOK 140.TL OPENV	EUR											
Certificate	DE000VA80KZ9	FBOOK 145.TL OPENV	EUR											
Certificate	NL0012775118	FBOOK 175.BS OPENB	EUR											
Certificate	NL0010155859	FBOOK 22.9TS OPENA	EUR											
Certificate	NL0010658084	FBOOK 67.4TL OPENB	EUR	76,4400	76,4400	76,4400			76,4400					
Certificate	NL0011042866	FBOOK 67.6TL OPENH	EUR	8,1100	8,1100	7,9100			7,9100					
Certificate	NL0011052253	FBOOK 73.5TL OPENH	EUR	7,6500	7,6500	7,4500			7,4500					
Certificate	NL0010892188	FBOOK 78.4TL OPENB	EUR	67,4600	67,4600	67,4600			67,4600					
Certificate	NL0011052246	FBOOK 79.1TL OPENH	EUR	7,2100	7,2100	7,0000			7,0000					
Certificate	NL0011425319	FBOOK 89.4TL OPENB	EUR	58,4700	58,4700	58,4700			58,4700					
Certificate	NL0011654579	FBOOK111.1TL OPENB	EUR	40,7100	40,7100	40,7100			40,7100					
Certificate	NL0011650742	FBOOK111.6BL OPENB	EUR	34,4900	34,4900	34,4900			34,4900					
Certificate	NL0011803945	FBOOK116.5TL OPENB	EUR	36,3100	36,3100	36,3100			36,3100					
Certificate	NL0011659933	FBOOK117.2BL OPENB	EUR	29,6000	29,6000	29,6000			29,6000					
Certificate	DE000VA8F3G8	FBOOK122.5TL OPENV	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	DE000CV89X32	FBOOK124.9TL OPENZ	EUR	2,2100	2,2150	2,2100	2210,0000	1	2,2150	1000				
Certificate	DE000CNGLAF3	FBOOK125.6TL OPENZ	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000VA71WE8	FBOOK127.3TL OPENV	EUR	2,0550	2,0550	2,0550			2,0550					
Certificate	DE000VA71WF5	FBOOK129.8TL OPENV	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000VA77PXS9	FBOOK132.2TL OPENV	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	DE000CJ3NJ11	FBOOK135.3TL OPENZ	EUR	1,5700	1,5700	1,3150	408,2000	1	1,3150	260				
Certificate	DE000VAGECZ4	FBOOK136.8TL OPENV	EUR	1,2300	1,5000	1,1500	5818,0000	4	1,1650	4500				
Certificate	DE000VA71WG3	FBOOK139.8TL OPENV	EUR											
Certificate	DE000VAGD6U6	FBOOK141.7TL OPENV	EUR											
Certificate	DE000VA80KY2	FBOOK142.5TL OPENV	EUR											
Certificate	DE000CJ3PT74	FBOOK144.3TL OPENZ	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	DE000CV89U43	FBOOK145.3TL OPENZ	EUR											
Certificate	DE000VA87EY0	FBOOK147.5TL OPENV	EUR											
Certificate	DE000VA8F5P4	FBOOK150.2TS OPENV	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VASRLT2	FBOOK151.4TL OPENV	EUR											
Certificate	NL0011597372	FBOOK152.4TS OPENH	EUR											
Certificate	DE000VA8F3E3	FBOOK152.7TS OPENV	EUR											
Certificate	NL0013146624	FBOOK153.9BS OPENB	EUR											
Certificate	DE000VA8F3F0	FBOOK155.2TS OPENV	EUR											
Certificate	NL0013012720	FBOOK157.5TS OPENB	EUR	17,8400	17,8400	17,8400			17,8400					
Certificate	DE000VA8FW67	FBOOK157.7TS OPENV	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000VA8F5S8	FBOOK160.2TS OPENV	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000CJ3PN21	FBOOK160.6TS OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000VA7PSK6	FBOOK162.6TS OPENV	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	NL0013005184	FBOOK163.9BS OPENB	EUR	13,0000	13,6000	13,0000	195,0000	1	13,6000		15			
Certificate	NL0012777007	FBOOK165.1BS OPENB	EUR											
Certificate	DE000VA7PSL4	FBOOK165.1TS OPENV	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	NL0013004641	FBOOK167.5TS OPENB	EUR	27,3700	27,3700	27,3700			27,3700					
Certificate	NL0012777247	FBOOK167.5TS OPENB	EUR											
Certificate	DE000VA7PSM2	FBOOK167.6TS OPENV	EUR	1,6350	1,6350	1,6350			1,6350					
Certificate	NL0010116786	FBOOK17.75TL OPENB	EUR	117,4300	117,4300	117,4300			117,4300					
Certificate	DE000VA7PSN0	FBOOK170.1TS OPENV	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	DE000VA6D6T8	FBOOK172.6TS OPENV	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	NL0012995575	FBOOK173.9BS OPENB	EUR	22,3800	22,3800	22,3800			22,3800					
Certificate	DE000CJ3NKA2	FBOOK175.6TS OPENZ	EUR	2,2650	2,2650	2,2650			2,2650					
Certificate	NL0012995831	FBOOK177.5TS OPENB	EUR	36,7300	36,8900	36,7300	550,9500	1	36,8900		15			
Certificate	DE000VA6D534	FBOOK177.6TS OPENV	EUR	2,5050	2,5050	2,5050			2,5050					
Certificate	DE000VA6EGV4	FBOOK180.1TS OPENV	EUR	2,7250	2,7250	2,7250			2,7250					
Certificate	DE000VASRLP0	FBOOK182.7TS OPENV	EUR	2,9450	2,9450	2,9450			2,9450					
Certificate	NL0012990469	FBOOK183.9BS OPENB	EUR	28,9100	31,1400	27,8100	29137,5000	6	31,1400		1000			
Certificate	NL0012990626	FBOOK187.5TS OPENB	EUR	46,3900	46,3900	46,3900			46,3900					
Certificate	DE000VASRLQ8	FBOOK187.7TS OPENV	EUR	3,3850	3,3850	3,3850			3,3850					
Certificate	DE000VASRLR6	FBOOK192.7TS OPENV	EUR	3,8250	3,8250	3,8250			3,8250					
Certificate	NL0012984926	FBOOK193.9BS OPENB	EUR	39,9100	39,9100	39,9100			39,9100					
Certificate	DE000CV8ADH2	FBOOK195.6TS OPENZ	EUR	4,0150	4,0150	4,0150			4,0150					
Certificate	DE000VASRLS4	FBOOK197.7TS OPENV	EUR	4,2650	4,2650	4,2650			4,2650					
Certificate	DE000VASRPH8	FBOOK202.7TS OPENV	EUR	4,7050	4,7050	4,7050			4,7050					
Certificate	NL0012984934	FBOOK203.9BS OPENB	EUR	48,6800	48,6800	48,6800			48,6800					
Certificate	NL0012985352	FBOOK207.5TS OPENB	EUR	65,4000	65,4000	65,4000			65,4000					
Certificate	DE000CV8ADJ8	FBOOK215.7TS OPENZ	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	NL0012973135	FBOOK227.5TS OPENB	EUR	84,4200	84,4200	84,4200			84,4200					
Certificate	DE000CV4Z951	FBOOK235.8TS OPENZ	EUR	15,0900	15,0900	15,0900			15,0900					
Certificate	NL0010516241	FBOOK48.92TL OPENB	EUR	91,5700	91,5700	91,5700			91,5700					
Certificate	DE000CF80DX8	FBOOK62.34TL OPENC	EUR											
Certificate	DE000CC16AQ9	FBOOK65.72TL OPENC	EUR	6,1900	6,1900	6,1900			6,1900					
Certificate	NL0010661773	FBOOK73.49TL OPENB	EUR	71,4600	71,4600	71,4600			71,4600					
Certificate	DE000CB9YG61	FBOOK77.75TL OPENZ	EUR	12,6900	12,6900	12,6900			12,6900					
Certificate	DE000CJ3NSN5	FBOOK89.78TL OPENZ	EUR	5,2900	5,2900	5,2900			5,2900					
Certificate	DE000VN61YG3	FCHI LEVOPENV	EUR	6,2950	6,2950	6,2950			6,2950					
Certificate	DE000VN61YF5	FCHI LEVOPENV	EUR	11,0050	11,0050	11,0050			11,0050					
Certificate	DE000VN61YH1	FCHI LEVOPENV	EUR	2,3350	2,3350	2,3350			2,3350					
Certificate	DE000VA234R3	FCHI SHROPEMV	EUR	3,3150	3,3150	3,3150			3,3150					
Certificate	DE000VN61YL3	FCHI SHROPEMV	EUR	0,0350	0,0350	0,0350			0,0350					
Certificate	DE000VN61YJ7	FCHI SHROPEMV	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	DE000VN61YK5	FCHI SHROPEMV	EUR	0,2850	0,2850	0,2850			0,2850					
Certificate	DE000CE6EH79	FCHMI11.93TL OPENZ	EUR	2,3300	2,3300	2,3050	116,5000	1	2,3050		50			
Certificate	DE000CJ3PQV0	FCHMI113.43TL OPENZ	EUR											
Certificate	DE000CV8ADV3	FCHMI9.925TL OPENZ	EUR	4,2950	4,2950	4,2950			4,2950					
Certificate	DE000CV8APS3	FFARM 5.81TL OPENZ	EUR	3,7700	3,7700	3,7700	79,1700	3	3,7700		21			
Certificate	DE000CV8ALY0	FFARM 6.35TL OPENZ	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	DE000CE6CQJ1	FFARM 6.89TL OPENZ	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CE6CNE9	FFARM 7.64TL OPENZ	EUR	2,1900	2,1900	2,0800	328,5000	1	2,0800		150			
Certificate	NL0013008709	FFARM 7.89BL OPENB	EUR	1,8000	1,8000	1,5300			1,5300					
Certificate	NL0013006604	FFARM 8.38BL OPENB	EUR	1,3100	1,3100	1,0400			1,0400					
Certificate	DE000CE6CND1	FFARM 8.38TL OPENZ	EUR	1,5500	1,5500	1,4000	684,9000	7	1,4000		451			
Certificate	NL0013006612	FFARM 8.88BL OPENB	EUR	0,8100	0,8100	0,5400			0,5400					
Certificate	DE000CV87Z73	FFARM 8.91TL OPENZ	EUR	0,9800	0,9800	0,8900	98,0000	1	0,8900		100			
Certificate	NL0013013329	FFARM 9.38BL OPENB	EUR											
Certificate	NL0013006760	FFARM10.91BS OPENB	EUR	1,4900	1,7500	1,4900			1,7500					
Certificate	NL0013013568	FFARM11.91BS OPENB	EUR	2,4900	2,7500	2,4900			2,7500					
Certificate	NL0012796551	FLOW 32BOC1219Z	EUR	27,9800	27,9800	27,9800			27,9800					
Certificate	NL0012796544	FLOW 34BOC0919Z	EUR	28,8600	28,8600	28,8600			28,8600					
Certificate	NL0012985162	FLOW 22.4TL OPENB	EUR	7,3900	7,6300	7,0400	1760,0000	1	7,6300		250			
Certificate	NL0012795793	FLOW 28.5BOC0919Z	EUR	26,1900	26,1900	26,1900			26,1900					
Certificate	NL0012795785	FLOW 29.5BOC0619Z	EUR	27,2200	27,2200	27,2200			27,2200					
Certificate	DE000CV4YRA6	FLOW 12.55TL OPENZ	EUR	1,6250	1,6250	1,6250			1,6250					



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	NL0012502769	FLOW 12.58TL OPENB	EUR	16,3300	16,5700	15,9800	17258,8000	2	16,5700	1060				
Certificate	NL0012490635	FLOW 14.11TL OPENB	EUR	14,9300	15,1700	14,9300	1500,0000	1	15,1700	100				
Certificate	DE000CE6FKS8	FLOW 14.21TL OPENZ	EUR	1,4300	1,4650	1,4300	929,5000	1	1,4650	650				
Certificate	DE000CE6F322	FLOW 14.47TL OPENZ	EUR	1,3750	1,3750	1,3750								
Certificate	NL0012700801	FLOW 14.84TL OPENB	EUR	14,2600	14,5000	14,2600				14,5000				
Certificate	NL0012504492	FLOW 15.39TL OPENB	EUR	13,7600	14,0000	13,7600				14,0000				
Certificate	DE000CE6EX87	FLOW 15.51TL OPENZ	EUR	1,2650	1,2650	1,2650				1,2650				
Certificate	DE000CN6FY58	FLOW 15.86TL OPENZ	EUR	0,6600	0,6600	0,6300	1260,0000	1	0,6600	2000				
Certificate	NL0012700819	FLOW 16.15TL OPENB	EUR	13,0700	13,3100	13,0700				13,3100				
Certificate	DE000CV4YVX0	FLOW 16.53TL OPENZ	EUR	1,1650	1,1650	1,1650				1,1650				
Certificate	DE000CV4YY54	FLOW 17.49TL OPENZ	EUR	1,1550	1,1550	1,1550				1,1550				
Certificate	DE000CV4YYU0	FLOW 17.55TL OPENZ	EUR	1,0000	1,0650	1,0000	1200,0000	1	1,0650	1200				
Certificate	NL0012681001	FLOW 17.66TL OPENB	EUR	11,7000	11,9400	11,7000				11,9400				
Certificate	DE000CV4ZZE8	FLOW 18.57TL OPENZ	EUR	0,9500	0,9550	0,9500	9500,0000	2	0,9550	10000				
Certificate	NL0012683072	FLOW 19.17TL OPENB	EUR	10,3200	10,5600	10,0100	4604,5000	2	10,5600	450				
Certificate	DE000CV500V7	FLOW 19.65TL OPENZ	EUR	0,9550	0,9550	0,9550				0,9550				
Certificate	DE000CV501B7	FLOW 20.08TL OPENZ	EUR	0,8150	0,8150	0,8150				0,8150				
Certificate	NL0012686612	FLOW 20.68TL OPENB	EUR	8,9400	9,1800	8,9400				9,1800				
Certificate	DE000CV505H5	FLOW 21.57TL OPENZ	EUR	0,5900	0,6650	0,5900	295,0000	1	0,6650	500				
Certificate	DE000CV50632	FLOW 21.78TL OPENZ	EUR	0,7550	0,7550	0,7550				0,7550				
Certificate	DE000CV505J1	FLOW 23.07TL OPENZ	EUR	0,4700	0,5150	0,4700	1164,5000	2	0,5150	2350				
Certificate	DE000CJ3NM32	FLOW 23.89TL OPENZ	EUR	0,5550	0,5550	0,5550				0,5550				
Certificate	NL0013000698	FLOW 23.91TL OPENB	EUR	6,0100	6,2500	6,0100				6,2500				
Certificate	DE000CJ3NZH5	FLOW 24.45TL OPENZ	EUR	0,3300	0,3750	0,3300	1470,0000	4	0,3750	4050				
Certificate	NL00130005440	FLOW 25.38TL OPENB	EUR	4,6700	4,9100	4,5000	900,0000	1	4,9100	200				
Certificate	DE000CJ3PEH5	FLOW 25.94TL OPENZ	EUR	0,2350	0,2350	0,2350				0,2350				
Certificate	DE000CJ3PFL4	FLOW 26.39TL OPENZ	EUR	0,3150	0,3150	0,3150				0,3150				
Certificate	NL0013014079	FLOW 26.88TL OPENB	EUR	3,3100	3,5800	3,3100	358,0000	1	3,5500	100				
Certificate	DE000CJ3PFQ3	FLOW 27.44TL OPENZ	EUR	0,0210	0,0210	0,0210	21,0000	1	0,0210	1000				
Certificate	NL0013018138	FLOW 29.51TS OPENB	EUR	5,1200	5,1200	4,8000				4,8000				
Certificate	NL0013016041	FLOW 32.01TS OPENB	EUR	7,8900	7,8900	7,5700				7,5700				
Certificate	DE000CV89T12	FLOW 32.44TS OPENZ	EUR	0,4550	0,4550	0,4550				0,4550				
Certificate	NL0013016058	FLOW 34.51TS OPENB	EUR	10,6600	10,6600	10,3400				10,3400				
Certificate	NL0013016066	FLOW 37.01TS OPENB	EUR	13,4400	13,4400	13,1200				13,1200				
Certificate	DE000CV87SJ7	FLOW 37.43TS OPENZ	EUR	0,9550	0,9550	0,9550				0,9550				
Certificate	NL0012782825	FLOW 39.51TS OPENB	EUR	16,2000	16,2000	15,8800				15,8800				
Certificate	NL0009176510	FMOTR 2.7TL OPENB	EUR	6,0800	6,0800	6,0800				6,0800				
Certificate	NL0010249736	FMOTR 6.9TL OPENB	EUR	2,6800	2,6800	2,6800				2,6800				
Certificate	DE000CR9PCU9	FMOTR13.37TS OPENZ	EUR	3,5050	3,5850	3,5050				3,5850				
Certificate	DE000CN6GBC8	FNV 44.29TL OPENZ	EUR	3,8950	3,9250	3,8950				3,9250				
Certificate	DE000CN6JBRO	FNV 49.61TL OPENZ	EUR	3,0050	3,0250	3,0050				3,0250				
Certificate	DE000CN6K214	FNV 56.08TL OPENZ	EUR	1,9150	1,9250	1,9150				1,9250				
Certificate	DE000CE6C3Q4	FNV 64.55TL OPENZ	EUR											
Certificate	DE000CD61561	FORTU12.16TL OPENZ	EUR	1,5800	1,6400	1,5800				1,6400				
Certificate	DE000CN6HVVH3	FORTU7.997TL OPENZ	EUR	2,6200	2,6800	2,6200				2,6800				
Certificate	NL0012277123	FRARI 89TL OPENB	EUR	32,5400	32,5400	32,5400				32,5400				
Certificate	NL0012104269	FRARI 55.2TL OPENB	EUR	59,6100	59,6100	59,6100				59,6100				
Certificate	NL0012264204	FRARI 81.4TL OPENB	EUR	38,6200	38,6200	38,6200				38,6200				
Certificate	NL0012270144	FRARI 86.6TL OPENB	EUR	34,4800	34,4800	34,4800				34,4800				
Certificate	NL0012278865	FRARI102.1TL OPENB	EUR	22,0900	22,0900	22,0900				22,0900				
Certificate	NL0012281133	FRARI104.6TL OPENB	EUR	20,0700	20,0700	20,0700				20,0700				
Certificate	DE000CV8A0T8	FRARI108.1TL OPENZ	EUR											
Certificate	NL0013005192	FRARI119.58S OPENB	EUR	1,4250	1,6650	1,4250				1,6650				
Certificate	NL0012998199	FRARI139.48S OPENB	EUR	3,4150	3,6550	3,4150				3,6550				
Certificate	NL0013002637	FRARI159.48S OPENB	EUR	5,4150	5,6550	5,4150				5,6550				
Certificate	DE000CD63281	FRARI57.26TL OPENZ	EUR	5,8550	5,8550	5,8550				5,8550				
Certificate	NL0013008691	FRARI75.27BL OPENB	EUR	3,3150	3,3150	3,0750				3,0750				
Certificate	NL0012997977	FRARI85.29BL OPENB	EUR	2,3150	2,3150	2,0750				2,0750				
Certificate	DE000CV8ALN3	FRARI86.58TL OPENZ	EUR											
Certificate	NL0012997985	FRARI95.32BL OPENB	EUR	1,3150	1,3150	1,0750				1,0750				
Certificate	NL0011657291	FREEP 8.5TL OPENB	EUR	3,8700	3,8700	3,8700				3,8700				
Certificate	NL0012026181	FREEP 10.5TL OPENB	EUR	2,2700	2,2700	2,2700				2,2700				
Certificate	NL0012371868	FREGD 73.3TS OPENH	EUR	2,2000	2,3700	2,2000				2,3700				
Certificate	NL0012054118	FREGD 90.9TS OPENH	EUR	4,0900	4,2600	4,0900				4,2600				
Certificate	DE000CJ3NKX4	FREGD41.08TL OPENZ	EUR	1,5400	1,5400	1,3800	5000,3800	1	1,3800	3247				
Certificate	NL0011226097	FREGD43.67TL OPENH	EUR	1,6100	1,6100	1,4400				1,4400				
Certificate	NL0011226089	FREGD47.91TL OPENH	EUR	1,2100	1,2100	1,0400				1,0400				
Certificate	DE000CR6YK07	FREGD51.11TL OPENZ	EUR	0,6200	0,6200	0,3900	480,0000	2	0,3900	1000				
Certificate	NL0013129703	FREGD54.03TL OPENH	EUR	0,6400	0,6400	0,4700				0,4700				
Certificate	DE000CR6YK15	FREGD55.14TL OPENZ	EUR	0,2300	0,2300	0,2300				0,2300				
Certificate	NL0013128358	FREGD56.03TL OPENH	EUR											
Certificate	NL0011721196	FREGD56.86TL 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	NL0013085061	FREGD63.81TS OPENH	EUR	1,1800	1,3500	1,1800			1,3500					
Certificate	NL0012936637	FREGD70.32TS OPENH	EUR	1,8800	2,0500	1,8800			2,0500					
Certificate	NL0012584593	FREGD72.28TS OPENH	EUR	2,0900	2,2600	2,0900			2,2600					
Certificate	NL0012915599	FREGD77.33TS OPENH	EUR	2,6300	2,8000	2,6300			2,8000					
Certificate	NL0012849368	FREGD78.24TS OPENH	EUR	2,7300	2,9000	2,7300			2,9000					
Certificate	NL0012242135	FREGD78.54TS OPENH	EUR	2,7600	2,9300	2,7600			2,9300					
Certificate	NL0012178974	FREGD83.59TS OPENH	EUR	3,3100	3,4700	3,3100			3,4700					
Certificate	NL0012053490	FREGD90.84TS OPENH	EUR	4,0800	4,2500	4,0800			4,2500					
Certificate	NL0012093801	FREGD91.14TS OPENH	EUR	4,1200	4,2800	4,1200			4,2800					
Certificate	DE000CJ3N3D1	FRES 5.46TL OPENZ	EUR	4,0450	4,0450	4,0450			4,0450					
Certificate	DE000CV8BCX9	FRES 6.36TL OPENZ	EUR	3,0950	3,0950	3,0950			3,0950					
Certificate	DE000CV8ASD9	FRES 7.42TL OPENZ	EUR	1,9450	1,9450	1,9450			1,9450					
Certificate	DE000CJ3PAR2	FRES 8.42TL OPENZ	EUR											
Certificate	NL0012311807	FRESE107.3TS OPENH	EUR	4,5900	4,7700	4,5900			4,7700					
Certificate	NL0012561666	FRESE116.7TS OPENH	EUR	5,6100	5,7900	5,6100			5,7900					
Certificate	NL0011225446	FRESE43.88TL OPENH	EUR	2,8500	2,8500	2,6800			2,6800					
Certificate	DE000CJ3PC32	FRESE51.71TL OPENZ	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	NL0011225438	FRESE52.36TL OPENH	EUR	2,0600	2,0600	1,8900			1,8900					
Certificate	DE000CR9RQQ3	FRESE59.77TL OPENZ	EUR	1,0350	1,0350	0,8250	1000,0000	1	0,8250	1000				
Certificate	NL0011225420	FRESE60.84TL OPENH	EUR	1,2700	1,2700	1,1000			1,1000					
Certificate	NL0013127418	FRESE65.83TL OPENH	EUR	0,8000	0,8000	0,6300			0,6300					
Certificate	DE000CR6Y7B3	FRESE66.75TL OPENZ	EUR	0,3550	0,3550	0,1400	3835,8400	2	0,1450	13112				
Certificate	NL0013128341	FRESE71.81TS OPENH	EUR	0,7800	0,9600	0,7800			0,9600					
Certificate	NL0013085053	FRESE71.82TS OPENH	EUR											
Certificate	NL0013085046	FRESE79.73TS OPENH	EUR	1,6300	1,8100	1,6300			1,8100					
Certificate	NL0012935712	FRESE93.66TS OPENH	EUR	3,1300	3,3100	3,1300			3,3100					
Certificate	NL0011929872	FRESE95.62TS OPENH	EUR	3,3400	3,5200	3,3400			3,5200					
Certificate	NL0011225354	FRESE98.49TS OPENH	EUR	3,6400	3,8300	3,6400			3,8300					
Certificate	NL0010048492	FT100 3930TL OPENB	EUR	37,3250	37,3250	37,3250			37,3250					
Certificate	NL0010288601	FT100 4660TL OPENB	EUR	29,2350	29,2350	29,2350			29,2350					
Certificate	NL0010733788	FTEPR STN0920V	EUR											
Certificate	DE000CE6F8P2	FTI 22.TL OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	DE000CJ3PPU4	FTI 14.5TL OPENZ	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	DE000CE6DL58	FTI 29.7TS OPENZ	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000CNGHXJ5	FTI 19.02TL OPENZ	EUR	0,9100	0,9100	0,8350	188,4500	2	0,8350	221				
Certificate	DE000CE6F5L7	FTI 20.51TL OPENZ	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	DE000VN612Y3	FTMIB LEVOPENV	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000VN612Z0	FTMIB LEVOPENV	EUR	0,0700	0,0700	0,0650	350,0000	1	0,0650	5000				
Certificate	DE000VN612X5	FTMIB LEVOPENV	EUR	3,8950	3,8950	3,8950			3,8950					
Certificate	DE000VN61221	FTMIB SHROPE NV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN61205	FTMIB SHROPE NV	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	DE000VA1ZHT2	FTMIB SHROPE NV	EUR	9,8850	9,8850	9,8850			9,8850					
Certificate	DE000VL51266	FTMIB SHROPE NV	EUR	1,7850	1,7850	1,7850			1,7850					
Certificate	DE000VN61213	FTMIB SHROPE NV	EUR	0,1050	0,1050	0,1050			0,1050					
Certificate	NL0009335876	FTS4020620TL OPENB	EUR	17,8250	17,8250	17,8250			17,8250					
Certificate	NL0009335884	FTS4028470TL OPENB	EUR	13,4450	13,4450	13,4450			13,4450					
Certificate	DE000VN612R7	FTSE LEVOPENV	EUR	8,8650	8,8650	8,8650			8,8650					
Certificate	DE000VN612T3	FTSE LEVOPENV	EUR	2,2500	2,2500	1,8900	5899,8600	2	1,8900	2628				
Certificate	DE000VN612S5	FTSE LEVOPENV	EUR	5,5500	5,5500	4,8750	8318,6200	3	4,8750	1508				
Certificate	DE000VN612W7	FTSE SHROPE NV	EUR	0,2700	0,3150	0,2700	135,0000	1	0,3150	500				
Certificate	DE000VN61ZU1	FTSE SHROPE NV	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	DE000VN61ZV9	FTSE SHROPE NV	EUR	1,0800	1,2350	1,0550	24641,1000	8	1,2350	22038				
Certificate	DE000CX002X8	FUGRO 5TL OPENC	EUR											
Certificate	LU1817292284	FUGRO 10TCIOPENS	EUR	1,4000	1,4100	1,2500	770,5000	2	1,2500	550				
Certificate	DE000CX599Q7	FUGRO 14TL OPENC	EUR											
Certificate	DE000CW3A5Z7	FUGRO 20TS OPENC	EUR											
Certificate	DE000CW0IWP2	FUGRO 25TS OPENC	EUR											
Certificate	NL0010896429	FUGRO 7.5TL OPENB	EUR	4,4100	4,4400	4,3300	754,8000	1	4,3300	170				
Certificate	NL0010896437	FUGRO 8.5TL OPENB	EUR	3,4500	3,6300	3,3700	3630,0000	1	3,3700	1000				
Certificate	DE000CV8AB89	FUGRO 8.8TL 1218Z	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	NL0012505291	FUGRO 8.9TL OPENB	EUR	2,9400	2,9400	2,8600			2,8600					
Certificate	NL0012505309	FUGRO 9.2TL OPENB	EUR	2,6600	2,6600	2,5800			2,5800					
Certificate	NL0012505317	FUGRO 9.5TL OPENB	EUR	2,3700	2,3700	2,2900	2602,0000	2	2,2900	1100				
Certificate	DE000CV8BEN6	FUGRO 9.8TL 1218Z	EUR	0,3100	0,3100	0,2650	77,5000	1	0,2650	250				
Certificate	NL0012996995	FUGRO 9.9TL OPENB	EUR	2,0300	2,0300	1,9500			1,9500					
Certificate	NL0013018054	FUGRO 10.2TL OPENB	EUR	1,6800	1,6800	1,6000			1,6000					
Certificate	NL0013018062	FUGRO 10.5TL OPENB	EUR	1,4000	1,4000	1,3200			1,3200					
Certificate	NL0013010101	FUGRO 11.8TS OPENB	EUR	1,7200	1,7700	1,7200			1,7700					
Certificate	NL0013001928	FUGRO 12.3TS OPENB	EUR	2,2400	2,2900	2,2400			2,2900					
Certificate	NL0012796932	FUGRO 12.5B0C0619Z	EUR	11,1500	11,1500	11,1500			11,1500					
Certificate	NL0013004252	FUGRO 12.8TS OPENB	EUR	2,7900	2,8400	2,7900			2,8400					
Certificate	LU1790692450	FUGRO 12.9TPIOPENS	EUR	1,9300	1,9300	1,9300			1,9300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012795694	FUGRO 13.18OC0619Z	EUR	11,3600	11,3600	11,3600			11,3600					
Certificate	NL0012795702	FUGRO 13.38OC0919Z	EUR	11,3100	11,3100	11,3100			11,3100					
Certificate	NL0012796569	FUGRO 13.48OC0919Z	EUR	11,2800	11,2800	11,2800			11,2800					
Certificate	NL0012796577	FUGRO 13.68OC1219Z	EUR	11,2600	11,2600	11,2600			11,2600					
Certificate	NL0012795363	FUGRO 13.98OC1218Z	EUR	13,2950	13,2950	13,2950			13,2950					
Certificate	NL0012795371	FUGRO 14.48OC0319Z	EUR	12,9200	12,9200	12,9200			12,9200					
Certificate	DE000CV50QM7	FUGRO 14.4TS OPENC	EUR											
Certificate	LU1784830215	FUGRO 16.2TS OPENS	EUR											
Certificate	NL0011052766	FUGRO 25.8TS OPENH	EUR	1,7500	1,7600	1,7500			1,7600					
Certificate	NL0009678168	FUGRO 49.9TS OPENB	EUR	44,3400	44,3400	44,3400			44,3400					
Certificate	NL0010150512	FUGRO 50.2TL OPENA	EUR											
Certificate	DE000CV88DB3	FUGRO 6.37TL OPENZ	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	NL0011230511	FUGRO 8.63TL OPENH	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0011052865	FUGRO 8.63TL OPENH	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CE6EBD2	FUGRO 8.87TL OPENZ	EUR	0,4600	0,4600	0,4550	108,1000	1	0,4550	235				
Certificate	NL0013128416	FUGRO 9.01TL OPENH	EUR											
Certificate	LU1612634193	FUGRO 9.37TCIOPENS	EUR	1,9000	1,9000	1,6800	950,0000	1	1,6800	500				
Certificate	NL0013128408	FUGRO10.01TL OPENH	EUR											
Certificate	DE000CJ3PPN9	FUGRO10.18TL OPENZ	EUR	0,2500	0,2500	0,1950	167,0000	2	0,1950	700				
Certificate	LU1859832187	FUGRO10.51TCIOPENS	EUR											
Certificate	LU1859906643	FUGRO10.53TCIOPENS	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0013128390	FUGRO11.01TL OPENH	EUR											
Certificate	LU1841154096	FUGRO11.09TCIOPENS	EUR											
Certificate	LU1859906213	FUGRO11.64TCIOPENS	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0013128382	FUGRO11.99TS OPENH	EUR											
Certificate	LU1840380569	FUGRO12.28TCIOPENS	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	NL0012987515	FUGRO12.33BS OPENB	EUR	1,5100	1,5600	1,5100			1,5600					
Certificate	DE000CV8AXL2	FUGRO12.59TS OPENZ	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	NL0013128374	FUGRO12.99TS OPENH	EUR											
Certificate	NL0012986210	FUGRO13.32BS OPENB	EUR	2,5000	2,5500	2,5000			2,5500					
Certificate	NL0012796940	FUGRO13.75BOC1219Z	EUR	11,2400	11,2400	11,2400			11,2400					
Certificate	NL0013128366	FUGRO13.99TS OPENH	EUR											
Certificate	NL0013001738	FUGRO14.32BS OPENB	EUR	3,5000	3,5500	3,5000			3,5500					
Certificate	DE000CE6CE82	FUGRO14.58TS OPENZ	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	LU1784830306	FUGRO14.85TS OPENS	EUR											
Certificate	NL0012996573	FUGRO4.873BL OPENB	EUR	6,6000	6,6000	6,5300			6,5300					
Certificate	NL0012488928	FUGRO5.877BL OPENB	EUR	5,6000	5,6000	5,5200			5,5200					
Certificate	NL0012281075	FUGRO6.909BL OPENB	EUR	4,5700	4,5700	4,4900			4,4900					
Certificate	NL0012280945	FUGRO7.944BL OPENB	EUR	3,5300	3,5300	3,4600			3,4600					
Certificate	DE000CE6EGE9	FUGRO8.376TL OPENZ	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	NL0011535059	FUGRO8.978BL OPENB	EUR	2,4700	2,5500	2,3900	14000,0000	6	2,3900	5500				
Certificate	DE000CN6H8G0	FUGRO9.381TL OPENZ	EUR	0,3800	0,4100	0,3550	1190,3800	3	0,3550	3001				
Certificate	NL0012996821	FUGRO9.981BL OPENB	EUR	1,4900	1,4900	1,4200			1,4200					
Certificate	NL0009706282	FVLAN 0%FRN02MAY21	EUR	114,0500	114,1200	114,0500	1140,5000	1	114,1200	1000				
Certificate	DE000CE6CDS0	FVS LEVOPENZ	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000CE6CDT8	FVS SHROOPENZ	EUR	14,0300	14,0300	14,0300			14,0300					
Certificate	DE000CV4Z5N5	FVS 12TL OPENZ	EUR	7,7950	7,7950	7,7950			7,7950					
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	9,8950	9,8950	9,8950			9,8950					
Certificate	DE000CV4ZTJ0	FVS 10.88TL OPENZ	EUR	8,8450	8,8450	8,8450			8,8450					
Certificate	NL0013002728	FVS 11.28TL OPENB	EUR	8,8400	8,8400	8,8400			8,8400					
Certificate	NL0013002736	FVS 12.28TL OPENB	EUR	7,9300	7,9300	7,9300			7,9300					
Certificate	DE000CV4Z2E1	FVS 13.07TL OPENZ	EUR	6,7650	6,7650	6,7650			6,7650					
Certificate	NL0013002744	FVS 13.28TL OPENB	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	NL0012979561	FVS 14.28TL OPENB	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	NL0013004880	FVS 15.28TL OPENB	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	NL0013006364	FVS 16.28TL OPENB	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0013013998	FVS 17.27TL OPENB	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	NL0013016785	FVS 18.26TL OPENB	EUR											
Certificate	NL0013018948	FVS 19.25TL OPENB	EUR											
Certificate	NL0013007065	FVS 19.29TS OPENB	EUR											
Certificate	NL0012970081	FVS 22.02TS OPENB	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	DE000CV88KY1	FVS 23.75TS OPENZ	EUR	12,8950	12,8950	12,8950			12,8950					
Certificate	DE000CV88BT0	FVS 27.54TS OPENZ	EUR	17,9450	17,9450	17,9450			17,9450					
Certificate	NL0012688063	FVS 27.91TS OPENB	EUR	11,8900	11,8900	11,8900			11,8900					
Certificate	DE000CV87L87	FVS 31.31TS OPENZ	EUR	22,9750	22,9750	22,9750			22,9750					
Certificate	NL0012106041	FVS 33.83TS OPENB	EUR	18,4500	18,4500	18,4500			18,4500					
Certificate	DE000CV87L95	FVS 35.06TS OPENZ	EUR	27,9750	27,9750	27,9750			27,9750					
Certificate	NL0012038277	FVS 38.62TS OPENB	EUR	23,7700	23,7700	23,7700			23,7700					
Certificate	DE000CV87LA1	FVS 38.81TS OPENZ	EUR	32,9650	32,9650	32,9650			32,9650					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012024582	FVS 43.41TS OPENB	EUR	29,1000	29,1000	29,1000			29,1000					
Certificate	DE000CD61XL6	FVS 60.77TS OPENZ	EUR	62,2550	62,2550	62,2550			62,2550					
Certificate	DE000CN6J0L5	FVS 67.32TS OPENZ	EUR	70,9850	70,9850	70,9850			70,9850					
Certificate	DE000VN61073	GAS LEVOPENV	EUR	0,0055	0,0055	0,0055								
Certificate	DE000VN61057	GAS LEVOPENV	EUR	0,4600	0,5150	0,4550	1195,0000	2	0,5150	2500				
Certificate	DE000VN61065	GAS LEVOPENV	EUR	0,0055	0,0055	0,0055								
Certificate	DE000VA23427	GAS LEVOPENV	EUR	5,5450	5,5450	5,5450			5,5450					
Certificate	DE000VN611A3	GAS SHROPEV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN61081	GAS SHROPEV	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	DE000VN61099	GAS SHROPEV	EUR	0,0250	0,0250	0,0250			0,0250					
Certificate	NL0012989263	GAS 2.83TL OPENB	EUR	1,3350	1,3350	1,3350			1,3350					
Certificate	NL0013004062	GAS 3.07TL OPENB	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	NL0013018518	GAS 3.31TS OPENB	EUR											
Certificate	NL0013004864	GAS 3.81TS OPENB	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	DE000CJ3NXU3	GAS 2.899TL OPENZ	EUR	0,4300	0,4650	0,4300			0,4650					
Certificate	DE000CD63W01	GASI 10.49TL OPENZ	EUR	3,9800	3,9800	3,9050			3,9050					
Certificate	DE000CD640K6	GASI 11.99TL OPENZ	EUR	2,4900	2,4900	2,4150			2,4150					
Certificate	DE000CF6DMR1	GASI 13.48TL OPENZ	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	NL0012493027	GASOI 507TL OPENB	EUR	16,2400	16,2400	16,2400			16,2400					
Certificate	NL0012777395	GASOI 583TL OPENB	EUR	9,8300	9,8300	9,8300			9,8300					
Certificate	NL0012994164	GASOI 658TL OPENB	EUR	3,4900	3,4900	3,4900			3,4900					
Certificate	NL0013002264	GASOI 756TS OPENB	EUR	10,1100	10,1100	10,1100			10,1100					
Certificate	NL0010910659	GAZPR 2.1TL OPENB	EUR	2,4900	2,4900	2,4500			2,4500					
Certificate	NL0013011018	GBL 84TS OPENB	EUR	9,3500	9,3500	9,0900			9,0900					
Certificate	NL0009071521	GBL 33.7TL OPENB	EUR	50,0300	50,2900	50,0300			50,2900					
Certificate	NL0010887287	GBL 54.8TL OPENB	EUR	30,3600	31,5700	30,3600	1578,5000	1	30,6200	50				
Certificate	NL0010893582	GBL 57.6TL OPENB	EUR	27,8100	28,0700	27,8100			28,0700					
Certificate	NL0011906482	GBL 67.9TL OPENB	EUR	18,1900	18,4500	18,1900			18,4500					
Certificate	NL0012115117	GBL 75.7TL OPENB	EUR	10,9600	11,2200	10,9600			11,2200					
Certificate	NL0013145899	GBL 78.2TL OPENB	EUR	8,6100	8,8700	8,6100			8,8700					
Certificate	NL0013007974	GBL 87.9TS OPENB	EUR	13,6400	13,6400	13,3800			13,3800					
Certificate	NL0012975692	GBL 91.8TS OPENB	EUR	17,7900	17,7900	17,5300			17,5300					
Certificate	NL0012680128	GBL 99.7TS OPENB	EUR	26,3500	26,3500	26,0900			26,0900					
Certificate	NL0012988215	GBL 104.58S OPENB	EUR	2,3950	2,3950	2,3750			2,3750					
Certificate	DE000CR9RUJ0	GBL 54.28TL OPENZ	EUR	2,6900	2,7700	2,6900			2,7700					
Certificate	DE000CR1JPL0	GBL 60.27TL OPENZ	EUR	2,0900	2,1700	2,0900			2,1700					
Certificate	DE000CN6KC28	GBL 66.15TL OPENZ	EUR	1,5000	1,5800	1,5000			1,5800					
Certificate	NL0013008717	GBL 67.748L OPENB	EUR	1,4450	1,4650	1,4450			1,4650					
Certificate	NL0012998009	GBL 72.758L OPENB	EUR	0,9450	0,9650	0,9450			0,9650					
Certificate	DE000CD62L88	GBL 73.08TL OPENZ	EUR	0,8100	0,9000	0,8100	7160,0000	2	0,8900	8000				
Certificate	NL0013009004	GBL 84.61BS OPENB	EUR	0,4050	0,4050	0,3750			0,3750					
Certificate	NL0012998207	GBL 94.58BS OPENB	EUR	1,4050	1,4050	1,3750			1,3750					
Certificate	NL0012999710	GBPUS 1.1TRL OPENH	EUR	17,2400	17,2400	17,2400			17,2400					
Certificate	NL0013126063	GBPUS 1.3TRSOPEH	EUR											
Certificate	NL0012171771	GBPUS 1.11TL OPENH	EUR	17,3900	17,3900	17,3900			17,3900					
Certificate	NL0012171763	GBPUS 1.12TL OPENH	EUR	16,5100	16,5100	16,5100			16,5100					
Certificate	NL0012899694	GBPUS 1.14TRL OPENH	EUR	13,7200	13,7200	13,7200			13,7200					
Certificate	NL0012899678	GBPUS 1.18TRL OPENH	EUR	10,2000	10,2000	10,2000			10,2000					
Certificate	NL0012055800	GBPUS 1.26TL OPENH	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	NL0012055644	GBPUS 1.27TL OPENH	EUR											
Certificate	NL0013127939	GBPUS 1.29TRSOPEH	EUR											
Certificate	NL0013087802	GBPUS 1.31TRSOPEH	EUR	0,7700	1,2900	0,7700	246,2500	2	1,2900	250				
Certificate	NL0013085715	GBPUS 1.32TRSOPEH	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	NL0013085095	GBPUS 1.33TS OPENH	EUR	4,2100	4,2100	4,2100			4,2100					
Certificate	NL0012863294	GBPUS 1.36TRSOPEH	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	NL0012906119	GBPUS 1.48TRSOPEH	EUR	16,2100	16,2100	16,2100			16,2100					
Certificate	NL0012904502	GBPUS 1.53TRSOPEH	EUR	20,6000	20,6000	20,6000			20,6000					
Certificate	DE000CE6EUR2	GBPUS 1.54TS OPENZ	EUR	21,0800	21,5300	21,0800			21,5300					
Certificate	NL0012904494	GBPUS 1.58TRSOPEH	EUR	24,9900	24,9900	24,9900			24,9900					
Certificate	DE000CV4ZV98	GBPUS 1.61TS OPENZ	EUR	27,2600	27,7400	27,2600			27,7400					
Certificate	NL0012904486	GBPUS 1.64TRSOPEH	EUR	30,2600	30,2600	30,2600			30,2600					
Certificate	NL0012901938	GBPUS 1.69TRSOPEH	EUR	34,6500	34,6500	34,6500			34,6500					
Certificate	NL0012906176	GBPUS.9525TRL OPENH	EUR	30,1800	30,1800	30,1800			30,1800					
Certificate	NL0012899751	GBPUS.9842TRL OPENH	EUR	27,3900	27,3900	27,3900			27,3900					
Certificate	NL0012906390	GBPUS0.932TRL OPENH	EUR	31,9400	31,9400	31,9400			31,9400					
Certificate	NL0012171938	GBPUS0.942TL OPENH	EUR	32,0000	32,0000	32,0000			32,0000					
Certificate	NL0012171920	GBPUS0.952TL OPENH	EUR	31,1100	31,1100	31,1100			31,1100					
Certificate	NL0012171912	GBPUS0.963TL OPENH	EUR	30,1900	30,1900	30,1900			30,1900					
Certificate	NL0012171904	GBPUS0.973TL OPENH	EUR	29,2900	29,2900	29,2900			29,2900					
Certificate	NL0012171896	GBPUS0.983TL OPENH	EUR	28,4000	28,4000	28,4000			28,4000					
Certificate	NL0012171888	GBPUS0.994TL OPENH	EUR	27,4500	27,4500	27,4500			27,4500					
Certificate	NL0012171870	GBPUS1.004TL OPENH	EUR	26,5500	26,5500	26,5500			26,5500					



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	NL0012171862	GBPUS1.015TL OPENH	EUR	25,6400	25,6400	25,6400			25,6400					
Certificate	NL0012906168	GBPUS1.018TRLOPENH	EUR	24,4400	24,4400	24,4400			24,4400					
Certificate	NL0012171854	GBPUS1.026TL OPENH	EUR	24,6700	24,6700	24,6700			24,6700					
Certificate	NL0012171847	GBPUS1.037TL OPENH	EUR	23,7100	23,7100	23,7100			23,7100					
Certificate	NL0012899736	GBPUS1.044TRLOPENH	EUR	22,1100	22,1100	22,1100			22,1100					
Certificate	NL0012171839	GBPUS1.047TL OPENH	EUR	22,8100	22,8100	22,8100			22,8100					
Certificate	NL0012171821	GBPUS1.058TL OPENH	EUR	21,9200	21,9200	21,9200			21,9200					
Certificate	NL0012171813	GBPUS1.068TL OPENH	EUR	20,9900	20,9900	20,9900			20,9900					
Certificate	NL0012904551	GBPUS1.073TRLOPENH	EUR	19,5600	19,5600	19,5600			19,5600					
Certificate	NL0012171805	GBPUS1.079TL OPENH	EUR	20,1100	20,1100	20,1100			20,1100					
Certificate	NL0012171797	GBPUS1.089TL OPENH	EUR	19,2200	19,2200	19,2200			19,2200					
Certificate	NL0012171789	GBPUS1.099TL OPENH	EUR	18,3200	18,3200	18,3200			18,3200					
Certificate	NL0012904544	GBPUS1.124TRLOPENH	EUR	15,1400	15,1400	15,1400			15,1400					
Certificate	NL0012089601	GBPUS1.131TL OPENH	EUR	15,5600	15,5600	15,5600			15,5600					
Certificate	DE000CE6CAT4	GBPUS1.132TL OPENZ	EUR	14,8100	14,8100	14,4700			14,4700					
Certificate	NL0012089593	GBPUS1.142TL OPENH	EUR	14,5900	14,5900	14,5900			14,5900					
Certificate	NL0012089585	GBPUS1.153TL OPENH	EUR	13,6100	13,6100	13,6100			13,6100					
Certificate	NL0012089577	GBPUS1.164TL OPENH	EUR	12,6900	12,6900	12,6900			12,6900					
Certificate	NL0012904536	GBPUS1.164TRLOPENH	EUR	11,6200	11,6200	11,6200			11,6200					
Certificate	NL0012089569	GBPUS1.174TL OPENH	EUR	11,7700	11,7700	11,7700			11,7700					
Certificate	NL0012089551	GBPUS1.185TL OPENH	EUR	10,8800	10,8800	10,8800			10,8800					
Certificate	DE000CE6C8K6	GBPUS1.194TL OPENZ	EUR	9,3350	9,3350	8,9750			8,9750					
Certificate	NL0012089544	GBPUS1.195TL OPENH	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	NL0012904528	GBPUS1.199TRLOPENH	EUR	8,5400	8,5400	8,5400			8,5400					
Certificate	NL0013017833	GBPUS1.203TL OPENB	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	NL0012089536	GBPUS1.205TL OPENH	EUR	9,0900	9,0900	9,0900			9,0900					
Certificate	NL0012089528	GBPUS1.215TL OPENH	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	NL0012201529	GBPUS1.219TRLOPENH	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	NL0012988950	GBPUS1.223TL OPENB	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	NL0012200323	GBPUS1.224TRLOPENH	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	NL0012089510	GBPUS1.226TL OPENH	EUR	7,3100	7,3100	7,3100			7,3100					
Certificate	NL0012863336	GBPUS1.232TRLOPENH	EUR	5,6500	5,6500	5,6500			5,6500					
Certificate	NL0012089502	GBPUS1.236TL OPENH	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	NL0012906382	GBPUS1.243TRLOPENH	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	NL0012089494	GBPUS1.246TL OPENH	EUR	5,5100	5,5100	5,5100			5,5100					
Certificate	NL0013085921	GBPUS1.251TRLOPENH	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	NL0013127988	GBPUS1.252TRLOPENH	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	NL0013127970	GBPUS1.253TRLOPENH	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	NL0013127962	GBPUS1.254TRLOPENH	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	NL0013127954	GBPUS1.255TRLOPENH	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	DE000CE6C923	GBPUS1.257TL OPENZ	EUR	3,8700	3,8700	3,4950			3,4950					
Certificate	NL0012200398	GBPUS1.257TRLOPENH	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	NL0013126170	GBPUS1.258TRLOPENH	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	NL0012208037	GBPUS1.258TRSOPENH	EUR											
Certificate	NL0013126477	GBPUS1.259TL OPENH	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	NL0013126162	GBPUS1.259TRLOPENH	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	NL0012208029	GBPUS1.259TRSOPENH	EUR											
Certificate	NL0013004096	GBPUS1.261TL OPENB	EUR	0,6600	0,6650	0,6150	165,0000	1	0,6150	250				
Certificate	NL0012199525	GBPUS1.261TRLOPENH	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	NL0013126154	GBPUS1.262TRLOPENH	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0013126469	GBPUS1.263TL OPENH	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0013126147	GBPUS1.263TRLOPENH	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	NL0013126139	GBPUS1.264TRLOPENH	EUR	2,7700	2,7700	2,7700			2,7700					
Certificate	NL0013126121	GBPUS1.265TRLOPENH	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0013126451	GBPUS1.267TL OPENH	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	NL0013125412	GBPUS1.267TRLOPENH	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	NL0012171755	GBPUS1.268TL OPENH	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	NL0013087901	GBPUS1.268TRLOPENH	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	NL0013124480	GBPUS1.269TL OPENH	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	NL0012198436	GBPUS1.269TRLOPENH	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	NL0013129711	GBPUS1.271TL OPENH	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	NL0013087893	GBPUS1.271TRLOPENH	EUR											
Certificate	NL0013129398	GBPUS1.271TRLOPENH	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0013124472	GBPUS1.272TL OPENH	EUR											
Certificate	NL0013129380	GBPUS1.272TRLOPENH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0013087885	GBPUS1.272TRLOPENH	EUR											
Certificate	NL0013129372	GBPUS1.273TRLOPENH	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	NL0013087877	GBPUS1.273TRLOPENH	EUR											
Certificate	NL0012889554	GBPUS1.274TRLOPENH	EUR											
Certificate	NL0013124464	GBPUS1.275TL OPENH	EUR											
Certificate	NL0013087869	GBPUS1.276TRLOPENH	EUR											
Certificate	NL0013087372	GBPUS1.277TL 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	NL0013086960	GBPUS1.277TRLOPENH	EUR											
Certificate	NL0012890222	GBPUS1.278TRLOPENH	EUR											
Certificate	NL0013085913	GBPUS1.279TRLOPENH	EUR											
Certificate	NL0013128903	GBPUS1.287TRSOPENH	EUR											
Certificate	NL0013128424	GBPUS1.287TS OPENH	EUR											
Certificate	NL0013128895	GBPUS1.288TRSOPENH	EUR											
Certificate	NL0013127947	GBPUS1.289TRSOPENH	EUR											
Certificate	NL0013127426	GBPUS1.289TS OPENH	EUR											
Certificate	NL0013127921	GBPUS1.291TRSOPENH	EUR											
Certificate	NL0013127913	GBPUS1.292TRSOPENH	EUR											
Certificate	NL0013127905	GBPUS1.293TRSOPENH	EUR											
Certificate	NL0013126113	GBPUS1.295TRSOPENH	EUR											
Certificate	NL0013126105	GBPUS1.296TRSOPENH	EUR											
Certificate	NL0013126444	GBPUS1.296TS OPENH	EUR											
Certificate	NL0013126097	GBPUS1.297TRSOPENH	EUR											
Certificate	NL0013126089	GBPUS1.298TRSOPENH	EUR											
Certificate	NL0013126071	GBPUS1.299TRSOPENH	EUR											
Certificate	NL0013126436	GBPUS1.299TS OPENH	EUR											
Certificate	NL0013126055	GBPUS1.301TRSOPENH	EUR											
Certificate	NL0013126048	GBPUS1.302TRSOPENH	EUR											
Certificate	NL0013126428	GBPUS1.302TS OPENH	EUR											
Certificate	NL0013126030	GBPUS1.303TRSOPENH	EUR											
Certificate	NL0013125404	GBPUS1.304TRSOPENH	EUR											
Certificate	NL0013126733	GBPUS1.304TS OPENH	EUR											
Certificate	NL0013087851	GBPUS1.305TRSOPENH	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0013087844	GBPUS1.306TRSOPENH	EUR	0,3600	0,9400	0,3600	227,5000	2	0,9400	500				
Certificate	NL0013124456	GBPUS1.306TS OPENH	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0013087836	GBPUS1.307TRSOPENH	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	NL0013087828	GBPUS1.308TRSOPENH	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	NL0013017866	GBPUS1.308TS OPENB	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	NL0013087810	GBPUS1.309TRSOPENH	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	NL0013124449	GBPUS1.309TS OPENH	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	NL0013087794	GBPUS1.311TRSOPENH	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	NL0013087786	GBPUS1.312TRSOPENH	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0013124431	GBPUS1.312TS OPENH	EUR	2,6200	2,6200	2,6200			2,6200					
Certificate	NL0013086945	GBPUS1.313TRSOPENH	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0013086937	GBPUS1.314TRSOPENH	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	NL0013087364	GBPUS1.314TS OPENH	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	NL0013086929	GBPUS1.315TRSOPENH	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0013125396	GBPUS1.316TRSOPENH	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0013085749	GBPUS1.317TRSOPENH	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	NL0013087356	GBPUS1.317TS OPENH	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	NL0013085731	GBPUS1.318TRSOPENH	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	NL0013085723	GBPUS1.319TRSOPENH	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	NL0013086150	GBPUS1.319TS OPENH	EUR	3,2400	3,2400	3,2400			3,2400					
Certificate	NL0013085707	GBPUS1.321TRSOPENH	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	NL0013085699	GBPUS1.322TRSOPENH	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	NL0013086143	GBPUS1.322TS OPENH	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	NL0013085681	GBPUS1.323TRSOPENH	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	NL0013085673	GBPUS1.324TRSOPENH	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	NL0013085665	GBPUS1.325TRSOPENH	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	NL0013086135	GBPUS1.325TS OPENH	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	NL0012904171	GBPUS1.327TRSOPENH	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	NL0012905509	GBPUS1.328TRSOPENH	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	NL0013083124	GBPUS1.328TS OPENH	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	NL0012905491	GBPUS1.329TRSOPENH	EUR	2,9400	2,9400	2,9400			2,9400					
Certificate	NL0012929319	GBPUS1.331TRSOPENH	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012904163	GBPUS1.333TRSOPENH	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	NL0012982250	GBPUS1.333TS OPENB	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	NL0013085087	GBPUS1.333TS OPENH	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	NL0012905483	GBPUS1.334TRSOPENH	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0013083942	GBPUS1.335TRSOPENH	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	NL0012918965	GBPUS1.336TRSOPENH	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0013085079	GBPUS1.336TS OPENH	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	NL0012905475	GBPUS1.338TRSOPENH	EUR	3,7300	3,7300	3,7300			3,7300					
Certificate	NL0012902316	GBPUS1.338TS OPENH	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	NL0013084700	GBPUS1.339TRSOPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	NL0012918957	GBPUS1.339TRSOPENH	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	NL0013083934	GBPUS1.341TRSOPENH	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0012916373	GBPUS1.342TRSOPENH	EUR	4,1500	4,1500	4,1500			4,1500					
Certificate	NL0012902308	GBPUS1.343TS OPENH	EUR	5,3900	5,3900	5,3900			5,3900					
Certificate	NL0013083926	GBPUS1.344TRSOPENH	EUR	4,2700	4,2700	4,2700			4,2700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013082423	GBPUS1.345TRSOPENH	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	NL0012866230	GBPUS1.347TRSOPENH	EUR	4,5700	4,5700	4,5700			4,5700					
Certificate	NL0012866198	GBPUS1.351TRSOPENH	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	DE000CV89JC7	GBPUS1.352TS OPENZ	EUR	4,6600	5,0700	4,6600			5,0700					
Certificate	NL0012902290	GBPUS1.353TS OPENH	EUR	6,2800	6,2800	6,2800			6,2800					
Certificate	NL0012866156	GBPUS1.355TRSOPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0012793293	GBPUS1.358TS OPENB	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	NL0012888689	GBPUS1.362TS OPENH	EUR	7,0800	7,0800	7,0800			7,0800					
Certificate	NL0012848303	GBPUS1.365TRSOPENH	EUR	6,1200	6,1200	6,1200			6,1200					
Certificate	NL0012615801	GBPUS1.369TRSOPENH	EUR	6,4700	6,4700	6,4700			6,4700					
Certificate	NL0012614663	GBPUS1.373TRSOPENH	EUR	6,8100	6,8100	6,8100			6,8100					
Certificate	NL0012612832	GBPUS1.377TRSOPENH	EUR	7,1600	7,1600	7,1600			7,1600					
Certificate	NL0012612790	GBPUS1.381TRSOPENH	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	NL0012612758	GBPUS1.385TRSOPENH	EUR	7,8600	7,8600	7,8600			7,8600					
Certificate	NL0012612717	GBPUS1.389TRSOPENH	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	NL0012903900	GBPUS1.403TS OPENH	EUR	10,7100	10,7100	10,7100			10,7100					
Certificate	NL0012614614	GBPUS1.408TRSOPENH	EUR	9,8700	9,8700	9,8700			9,8700					
Certificate	NL0012785596	GBPUS1.408TS OPENB	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	DE000CV88K12	GBPUS1.412TS OPENZ	EUR	9,9200	10,3400	9,9200			10,3400					
Certificate	NL0012784086	GBPUS1.432TS OPENB	EUR	1,5700	1,5950	1,5700	3152,5600	1	1,5950	2008				
Certificate	NL0012117649	GBPUS1.433TS OPENH	EUR	13,4100	13,4100	13,4100			13,4100					
Certificate	NL0012899645	GBPUS1.435TRSOPENH	EUR	12,2300	12,2300	12,2300			12,2300					
Certificate	NL0012117631	GBPUS1.443TS OPENH	EUR	14,2900	14,2900	14,2900			14,2900					
Certificate	NL0013082415	GBPUS1.445TRSOPENH	EUR	13,1400	13,1400	13,1400			13,1400					
Certificate	NL0012117623	GBPUS1.452TS OPENH	EUR	15,1700	15,1700	15,1700			15,1700					
Certificate	NL0012775266	GBPUS1.457TS OPENB	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	NL0012117615	GBPUS1.462TS OPENH	EUR	16,0400	16,0400	16,0400			16,0400					
Certificate	NL0012904510	GBPUS1.465TRSOPENH	EUR	14,8900	14,8900	14,8900			14,8900					
Certificate	NL0012117607	GBPUS1.472TS OPENH	EUR	16,9200	16,9200	16,9200			16,9200					
Certificate	DE000CE6D608	GBPUS1.472TS OPENZ	EUR	15,1700	15,6100	15,1700			15,6100					
Certificate	NL0012898985	GBPUS1.504TRSOPENH	EUR	18,3800	18,3800	18,3800			18,3800					
Certificate	NL0012899637	GBPUS1.515TRSOPENH	EUR	19,2600	19,2600	19,2600			19,2600					
Certificate	NL0012898969	GBPUS1.554TRSOPENH	EUR	22,7700	22,7700	22,7700			22,7700					
Certificate	NL0012898944	GBPUS1.614TRSOPENH	EUR	28,0500	28,0500	28,0500			28,0500					
Certificate	NL0012578991	GBPUS1.631TS OPENH	EUR	31,0000	31,0000	31,0000			31,0000					
Certificate	NL0012898928	GBPUS1.674TRSOPENH	EUR	33,3200	33,3200	33,3200			33,3200					
Certificate	DE0006874803	GBUGS PI OPENN	EUR	130,0000	130,0000	130,0000			130,0000					
Certificate	NL0011264189	GBUGS 79.4TL OPENB	EUR	6,5600	6,5600	6,5600			6,5600					
Certificate	NL0011264197	GBUGS 95.9TL OPENB	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	NL0011639588	GBUGS112.3TL OPENB	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	NL0011642673	GBUGS128.5TL OPENB	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	NL0012989974	GBUGS152.1TS OPENB	EUR											
Certificate	NL0013017973	GBUGS152.2TS OPENB	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	NL0012985709	GBUGS175.1TS OPENB	EUR	4,0650	4,0650	4,0650			4,0650					
Certificate	NL0013010739	GBUGS201.3TS OPENB	EUR	6,6150	6,6150	6,6150			6,6150					
Certificate	NL0012021315	GBUGS232.1TS OPENB	EUR	9,6250	9,6250	9,6250			9,6250					
Certificate	DE000VL51217	GDAXI LEVOPENV	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	DE000VL51233	GDAXI LEVOPENV	EUR	0,2650	0,2650	0,2650			0,2650					
Certificate	DE000VN61X80	GDAXI LEVOPENV	EUR	4,3950	4,3950	4,3950			4,3950					
Certificate	DE000VN61X98	GDAXI LEVOPENV	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	DE000VN61YA6	GDAXI LEVOPENV	EUR	0,2500	0,2550	0,2150	3970,0000	3	0,2150	16200				
Certificate	DE000VL51241	GDAXI LEVOPENV	EUR	0,0250	0,0250	0,0250			0,0250					
Certificate	DE000VL51209	GDAXI LEVOPENV	EUR	6,0350	6,0350	6,0350			6,0350					
Certificate	DE000VN61X72	GDAXI LEVOPENV	EUR	12,0750	12,0750	12,0750			12,0750					
Certificate	DE000VN61YE8	GDAXI SHROPENV	EUR	0,1200	0,1450	0,1100	24170,0000	9	0,1450	200000				
Certificate	DE000VN61YB4	GDAXI SHROPENV	EUR	6,4550	6,4550	6,4550			6,4550					
Certificate	DE000VN61YD0	GDAXI SHROPENV	EUR	0,6450	0,6450	0,6450			0,6450					
Certificate	DE000VN61YC2	GDAXI SHROPENV	EUR	2,8050	2,8050	2,8050			2,8050					
Certificate	DE000VA234W3	GDAXI SHROPENV	EUR	13,8800	13,8800	13,8800			13,8800					
Certificate	NL0000479152	GDRUG PI OPENN	EUR	23,9000	24,5100	23,9000			24,5100					
Certificate	NL0011521554	GE 31.2TS OPENB	EUR	22,3300	22,4200	22,3100	10048,5000	1	22,4200	450				
Certificate	NL0011530662	GE 34.5TS OPENB	EUR	25,6200	25,6200	25,6200			25,6200					
Certificate	DE000CJ3N583	GEAUT 9TL OPENZ	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CJ3NWG4	GEAUT 12TL OPENZ	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	DE000CJ3NYE5	GEAUT 10.5TL OPENZ	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CJ3PDM7	GEAUT 13.5TL OPENZ	EUR											
Certificate	DE000CJ3PHJ4	GEAUT 13.5TL OPENZ	EUR											
Certificate	DE000CJ3PUB4	GEAUT 13.5TL OPENZ	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000CE6BQB0	GENMA LEVOPENZ	EUR	0,1130	0,1210	0,1130			0,1210					
Certificate	DE000CE6BQA2	GENMA SHROPENZ	EUR	1,2780	1,2780	1,1720			1,1720					
Certificate	NL0011425384	GENMA 475TL OPENB	EUR	7,1200	7,1200	7,1000	3447,2000	2	7,1000	485				
Certificate	NL0011425392	GENMA 527TL OPENB	EUR	6,4950	6,4950	6,4950			6,4950					



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	NL0011425400	GENMA 581TL OPENB	EUR	5,8450	5,8450	5,8450			5,8450					
Certificate	NL0011442751	GENMA 634TL OPENB	EUR	5,1850	5,1850	5,1400	1028,0000	1	5,1450	200				
Certificate	NL0011649959	GENMA 687TL OPENB	EUR	4,5550	4,5550	4,5550			4,5550					
Certificate	NL0011651930	GENMA 739TL OPENB	EUR	3,9000	4,0300	3,8800	37416,0000	7	4,0300	9539				
Certificate	DE000VA7PV75	GENMA 1007TS OPENV	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000VA7PW87	GENMA 1011TS OPENV	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	DE000VA3TFH0	GENMA 1015TS OPENV	EUR											
Certificate	DE000VA3TFJ6	GENMA 1017TS OPENV	EUR											
Certificate	NL0013012958	GENMA 1026TS OPENB	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	DE000VA64XJ0	GENMA 1057TS OPENV	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	DE000VA64XK8	GENMA 1061TS OPENV	EUR	1,9950	1,9950	1,9950			1,9950					
Certificate	DE000VA6D500	GENMA 1109TS OPENV	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000VA6D518	GENMA 1111TS OPENV	EUR	2,6750	2,6750	2,6750			2,6750					
Certificate	NL0013012966	GENMA 1117TS OPENB	EUR	3,7150	3,7150	3,7150			3,7150					
Certificate	DE000VA4YOV4	GENMA 1131TS OPENV	EUR	2,1750	2,1750	2,1750			2,1750					
Certificate	DE000VA5RB46	GENMA 1133TS OPENV	EUR	2,9550	2,9550	2,9550			2,9550					
Certificate	DE000V176M20	GENMA 1135TL OPENV	EUR											
Certificate	DE000V176M05	GENMA 1155TL OPENV	EUR											
Certificate	DE000VA32492	GENMA 1155TS OPENV	EUR	3,2250	3,2250	3,2250			3,2250					
Certificate	DE000VA15TN2	GENMA 1157TS OPENV	EUR	2,4350	2,4350	2,4350			2,4350					
Certificate	DE000VA4RL52	GENMA 1174TS OPENV	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	DE000VA5ELM5	GENMA 1191TS OPENV	EUR	2,9750	2,9750	2,9750			2,9750					
Certificate	DE000VA4RM44	GENMA 1195TS OPENV	EUR	3,7850	3,7850	3,7850			3,7850					
Certificate	NL0012975700	GENMA 1217TS OPENB	EUR	5,2050	5,2050	5,2050			5,2050					
Certificate	DE000VA1SQK7	GENMA 1237TL OPENV	EUR											
Certificate	DE000VA15S06	GENMA 1237TS OPENV	EUR	4,3250	4,3250	4,3250			4,3250					
Certificate	DE000VA15S28	GENMA 1237TS OPENV	EUR											
Certificate	DE000VA15R49	GENMA 1257TS OPENV	EUR											
Certificate	DE000VA15R64	GENMA 1257TS OPENV	EUR	4,5950	4,5950	4,5950			4,5950					
Certificate	DE000VA15R72	GENMA 1277TS OPENV	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	DE000VA15R56	GENMA 1277TS OPENV	EUR											
Certificate	DE000CE6FEB7	GENMA 1295TS OPENZ	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	DE000VA15Q67	GENMA 1297TS OPENV	EUR											
Certificate	DE000VA1ZGL1	GENMA 1298TS OPENV	EUR											
Certificate	NL0012975718	GENMA 1316TS OPENB	EUR	6,6850	6,6850	6,6850			6,6850					
Certificate	DE000VA1ZGM9	GENMA 1318TS OPENV	EUR											
Certificate	DE000CJ3PMN6	GENMA573.9TL OPENZ	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	DE000CN6JDA2	GENMA643.9TL OPENZ	EUR	4,9650	5,1800	4,9650	3026,5600	2	5,1600	592				
Certificate	DE000VA8F3Y1	GENMA711.1TL OPENV	EUR	3,5450	3,5450	3,5450			3,5450					
Certificate	DE000CJ3N3A7	GENMA722.2TL OPENZ	EUR	4,2000	4,2000	4,2000			4,2000					
Certificate	DE000VA8FOH2	GENMA760.7TL OPENV	EUR	3,3350	3,3350	3,3350			3,3350					
Certificate	DE000VA8FZU9	GENMA761.1TL OPENV	EUR	2,8750	2,8750	2,8750			2,8750					
Certificate	DE000CJ3PRQ8	GENMA802.2TL OPENZ	EUR	3,3600	3,3600	3,1400	4258,0000	2	3,2300	1300				
Certificate	DE000VA8F386	GENMA810.6TS OPENV	EUR											
Certificate	DE000VA8F527	GENMA810.7TL OPENV	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	DE000VA8F5Y6	GENMA811.2TL OPENV	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	DE000VA8FZS3	GENMA855.6TS OPENV	EUR											
Certificate	DE000VA8FOD1	GENMA860.6TS OPENV	EUR											
Certificate	DE000VA80GB8	GENMA860.7TL OPENV	EUR											
Certificate	DE000VA80F29	GENMA861.2TL OPENV	EUR											
Certificate	DE000CJ3PV21	GENMA869.4TL OPENZ	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000VA8FTX6	GENMA905.7TS OPENV	EUR											
Certificate	DE000VA8FUA2	GENMA910.6TS OPENV	EUR											
Certificate	DE000VA87DY2	GENMA910.7TL OPENV	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000VA80FY2	GENMA954.9TS OPENV	EUR											
Certificate	DE000VA77GK3	GENMA956.3TS OPENV	EUR											
Certificate	DE000VA80F92	GENMA960.6TS OPENV	EUR											
Certificate	DE000VA77HJ3	GENMA960.6TS OPENV	EUR											
Certificate	DE000VA3TH65	GENMA977.1TS OPENV	EUR											
Certificate	DE000VA2T745	GENMA977.1TS OPENV	EUR											
Certificate	DE000VA3TEX0	GENMA994.6TL OPENV	EUR											
Certificate	DE000VA3TEZ5	GENMA995.3TL OPENV	EUR											
Certificate	DE000VA3TH73	GENMA997.1TS OPENV	EUR											
Certificate	DE000CV880E9	GFS 1.6TL OPENZ	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CV4ZVF4	GFS 1.82TL OPENZ	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	DE000CV4YZX1	GFS 2.05TL OPENZ	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CX598V9	GILEA 60TL OPENC	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CD61PF4	GILEA 63.5TL OPENZ	EUR	0,4700	0,4700	0,3900			0,3900					
Certificate	DE000CD638X3	GILEA58.04TL OPENZ	EUR	0,6900	0,6900	0,6200			0,6200					
Certificate	DE000CV4ZTV5	GIMV 43.1TL OPENZ	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	DE000CV89B87	GIMV 28.45TL OPENZ	EUR	2,0050	2,0050	2,0050			2,0050					
Certificate	DE000CE6D6C6	GIMV 32.76TL OPENZ	EUR	1,5950	1,5950	1,5950			1,5950					



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	DE000CE6CQM5	GIMV 36.95TL OPENZ	EUR	1,2700	1,2700	1,1950	1592,5800	3	1,1950	1254				
Certificate	DE000CE6CQL7	GIMV 41.15TL OPENZ	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000CV4YYD6	GIVN 1753TL OPENZ	EUR	3,1350	3,1350	3,1350			3,1350					
Certificate	DE000CV508T4	GIVN 1956TL OPENZ	EUR	2,2750	2,2750	2,2750			2,2750					
Certificate	DE000CV895N5	GIVN 2159TL OPENZ	EUR	1,4050	1,4050	1,4050			1,4050					
Certificate	DE000CR9PR57	GLAXO 11.TL OPENZ	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CV886G1	GLAXO 13.TL OPENZ	EUR											
Certificate	DE000CJ3PF39	GLAXO 14.5TL OPENZ	EUR											
Certificate	DE000CR9QV78	GLAXO10.17TL OPENZ	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CN6FBU2	GLAXO12.01TL OPENZ	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	DE000CR9R0A6	GLAXO9.136TL OPENZ	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	DE000CN6HWG3	GLENC 0.68TL OPENZ	EUR	3,0550	3,0550	2,9250			2,9250					
Certificate	DE000CN6K8C4	GLENC 1.22TL OPENZ	EUR	2,4750	2,4750	2,3450			2,3450					
Certificate	DE000CD63559	GLENC 1.92TL OPENZ	EUR	1,7150	1,7150	1,5750			1,5750					
Certificate	DE000CD63EL2	GLENC 2.25TL OPENZ	EUR	1,3650	1,3650	1,2250			1,2250					
Certificate	DE000CD64C38	GLENC 2.61TL OPENZ	EUR	0,9650	1,0100	0,8250	1010,0000	1	0,8250	1000				
Certificate	XS1894611869	GLPG STN1021B	EUR	101,9000	101,9000	101,2000	2038,0000	1	101,2000	2000				
Certificate	DE000CV50WZ7	GLPG 50TL OPENC	EUR	4,5600	4,5600	4,5600			4,5600					
Certificate	DE000CV50UM9	GLPG 50TL OPENC	EUR	4,5100	4,5100	4,5100			4,5100					
Certificate	DE000CV50X00	GLPG 55TL OPENC	EUR	4,0700	4,0700	4,0700			4,0700					
Certificate	DE000CV50J08	GLPG 56TL OPENC	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	DE000CV50J16	GLPG 58TL OPENC	EUR	3,6900	3,6900	3,6900			3,6900					
Certificate	DE000CV50J57	GLPG 58TL OPENC	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000CV16M30	GLPG 60TL OPENC	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	DE000CV50J65	GLPG 60TL OPENC	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	DE000CV511D9	GLPG 62TL OPENC	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	DE000CV511B3	GLPG 65TL OPENC	EUR	3,1000	3,1200	2,9500	20070,0000	4	2,9900	6600				
Certificate	DE000CV52BE2	GLPG 65TL OPENC	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	DE000CV514E1	GLPG 70TL OPENC	EUR											
Certificate	DE000CV516N7	GLPG 70TL OPENC	EUR	2,7000	2,8000	2,5500	34535,2500	28	2,6200	12881				
Certificate	DE000CQ58NF6	GLPG 75TL OPENC	EUR	2,1400	2,2200	1,9700	28155,0000	10	2,0500	13625				
Certificate	DE000CQ582J7	GLPG 75TL OPENC	EUR											
Certificate	DE000CQ58P02	GLPG 75TL OPENC	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	DE000CQ58089	GLPG 75TL OPENC	EUR											
Certificate	DE000CQ58097	GLPG 80TL OPENC	EUR											
Certificate	DE000CQ582K5	GLPG 80TL OPENC	EUR											
Certificate	DE000CQ5AK99	GLPG 85TS OPENC	EUR											
Certificate	DE000CQ5ACT2	GLPG 85TS OPENC	EUR											
Certificate	NL0012976625	GLPG 91BOC0619B	EUR	89,2200	89,3000	89,2200			89,3000					
Certificate	NL0012796957	GLPG 96BOC0619Z	EUR	90,1200	90,1200	90,1200			90,1200					
Certificate	DE000CP06MA1	GLPG 100TS OPENC	EUR	0,8500	0,8500	0,8300	1680,0000	2	0,8300	2000				
Certificate	DE000CP06PH9	GLPG 100TS OPENC	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0012796403	GLPG 101BOC0919Z	EUR	91,5200	91,5200	91,5200			91,5200					
Certificate	NL0012793038	GLPG 103BOC1218B	EUR	101,7200	101,8400	101,7200			101,8400					
Certificate	NL0012796668	GLPG 105BOC0919Z	EUR	92,1300	92,1300	92,1300			92,1300					
Certificate	NL0012796411	GLPG 105BOC1219Z	EUR	92,2500	92,2500	92,2500			92,2500					
Certificate	NL0012796676	GLPG 105BOC1219Z	EUR	92,2800	92,2800	92,2800			92,2800					
Certificate	DE000CV51AC0	GLPG 110TS OPENC	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	DE000CV51C12	GLPG 110TS OPENC	EUR	1,8900	1,8900	1,8900			1,8900					
Certificate	NL0012796684	GLPG 115BOC1219Z	EUR	92,9000	92,9000	92,9000			92,9000					
Certificate	DE000CP06K50	GLPG 120TS OPENC	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	DE000CP06K19	GLPG 120TS OPENC	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000CP06K27	GLPG 130TS OPENC	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000CP06K68	GLPG 130TS OPENC	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	NL0011898101	GLPG 41.3TL OPENB	EUR	57,4100	57,4100	56,5900			56,5900					
Certificate	NL0011818539	GLPG 43.2TL OPENB	EUR	55,6200	55,6200	54,8000			54,8000					
Certificate	NL0011898119	GLPG 45.4TL OPENB	EUR	53,6400	53,6400	52,8200			52,8200					
Certificate	NL0012016281	GLPG 50.2TL OPENB	EUR	49,2100	49,2100	48,4400	492,1000	1	48,4400	10				
Certificate	NL0012592794	GLPG 52.6TL OPENH	EUR	4,7100	4,7100	4,6100			4,6100					
Certificate	NL0012016489	GLPG 52.8TL OPENB	EUR	46,9200	46,9200	45,0500	225,2500	1	46,1000	5				
Certificate	NL0012030472	GLPG 55.5TL OPENB	EUR	44,5000	44,5000	43,6800			43,6800					
Certificate	NL0012100606	GLPG 58.3TL OPENB	EUR	41,9600	42,7700	41,1400	9420,3100	4	41,1400	223				
Certificate	NL0012108377	GLPG 61.2TL OPENB	EUR	39,2500	39,2500	38,4300			38,4300					
Certificate	NL0012580906	GLPG 62.7TL OPENH	EUR	3,7900	3,7900	3,6900			3,6900					
Certificate	NL0012488019	GLPG 66.3TL OPENB	EUR	34,6200	34,6400	33,8000	8647,5000	1	33,8000	250				
Certificate	NL0012692172	GLPG 69.3TL OPENB	EUR	31,8400	31,8400	31,0700	3820,8000	1	31,0700	120				
Certificate	NL0012700959	GLPG 69.8BL OPENB	EUR	27,1200	27,8900	26,3000	278,9000	1	26,3000	10				
Certificate	NL0012976898	GLPG 72.4TL OPENB	EUR	29,1100	29,1100	28,2900			28,2900					
Certificate	NL0012976906	GLPG 75.4TL OPENB	EUR	26,3600	26,7500	25,5400	2232,6000	2	25,5400	84				
Certificate	NL0012978407	GLPG 78.4TL OPENB	EUR	23,6000	23,6000	22,4500	4779,0000	3	22,8300	205				
Certificate	NL0012979001	GLPG 81.4TL OPENB	EUR	20,9400	21,3500	19,6900	30205,6000	4	20,1200	1440				
Certificate	NL0013017296	GLPG 95.1TS 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	LU1784830991	GLPG 96.8TS OPENS	EUR											
Certificate	NL0013001936	GLPG 101.1TS OPENB	EUR	1,7550	1,8150	1,7550			1,8150					
Certificate	LU1840348830	GLPG 103.4TPIOPENS	EUR	11,1400	11,1400	11,1400			11,1400					
Certificate	NL0012677488	GLPG 104.98S OPENB	EUR	12,2800	12,9000	12,2800			12,9000					
Certificate	NL0012910558	GLPG 105.1TS OPENH	EUR	2,2100	2,3100	2,1900	3536,0000	2	2,3100	1600				
Certificate	LU1784830728	GLPG 105.6TS OPENS	EUR											
Certificate	DE000CE6CEZ3	GLPG 105.9TS OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	NL0013002975	GLPG 107.1TS OPENB	EUR	2,4250	2,4850	2,4250			2,4850					
Certificate	LU1817318188	GLPG 107.2TPIOPENS	EUR	14,8200	14,8200	14,8200			14,8200					
Certificate	NL0012984355	GLPG 107.98S OPENB	EUR	15,2700	15,8900	15,2700			15,8900					
Certificate	NL0012985618	GLPG 110.98S OPENB	EUR	18,2500	18,8700	18,2500			18,8700					
Certificate	LU1817318261	GLPG 112.3TPIOPENS	EUR	19,8200	19,8200	19,8200			19,8200					
Certificate	NL0012997266	GLPG 113.98S OPENB	EUR	21,2500	21,8700	21,2500			21,8700					
Certificate	DE000CV8A6J6	GLPG 115.2TS OPENZ	EUR	3,0000	3,0000	3,0000			3,0000					
Certificate	DE000CV8AGL7	GLPG 124.5TS OPENZ	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000CN6JF02	GLPG 18.35TL OPENZ	EUR	3,8450	3,8450	3,8450			3,8450					
Certificate	DE000CN6EQE7	GLPG 21.54TL OPENZ	EUR	3,6950	3,6950	3,6950			3,6950					
Certificate	DE000CN6EN80	GLPG 25.32TL OPENZ	EUR	3,5250	3,5250	3,5250			3,5250					
Certificate	DE000CR9R185	GLPG 32.85TL OPENZ	EUR	3,1650	3,1650	3,1650			3,1650					
Certificate	DE000CN6ETT9	GLPG 36.54TL OPENZ	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	DE000CN6JU04	GLPG 39.44TL OPENZ	EUR	2,8650	2,8650	2,8650			2,8650					
Certificate	NL0011899190	GLPG 42.61BL OPENB	EUR	53,4700	53,4700	52,6500			52,6500					
Certificate	DE000CN6L865	GLPG 42.99TL OPENZ	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	NL0011899216	GLPG 46.86BL OPENB	EUR	49,2100	49,2100	48,3900			48,3900					
Certificate	DE000CD61LN7	GLPG 47.02TL OPENZ	EUR	2,5050	2,5050	2,5050			2,5050					
Certificate	NL0011915012	GLPG 48.97BL OPENB	EUR	47,1000	47,1000	46,2800			46,2800					
Certificate	DE000CD62508	GLPG 51.02TL OPENZ	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	NL0012016380	GLPG 51.08BL OPENB	EUR	44,9900	45,3800	44,1700	31750,0000	2	44,1700	700				
Certificate	NL0012016562	GLPG 53.19BL OPENB	EUR	42,8900	42,8900	42,0700			42,0700					
Certificate	NL0012028856	GLPG 55.29BL OPENB	EUR	40,7800	40,7800	39,9600			39,9600					
Certificate	DE000CD63MR2	GLPG 55.51TL OPENZ	EUR	2,1600	2,1700	2,1050	972,6000	2	2,1050	450				
Certificate	NL0012585293	GLPG 56.62TL OPENH	EUR	4,3400	4,3400	4,2400			4,2400					
Certificate	NL0012100044	GLPG 57.38BL OPENB	EUR	38,7400	38,7400	37,9200			37,9200					
Certificate	NL0012100929	GLPG 59.48BL OPENB	EUR	36,5900	36,5900	35,7700			35,7700					
Certificate	DE000CD645U4	GLPG 59.91TL OPENZ	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	NL0012102263	GLPG 61.57BL OPENB	EUR	34,5000	35,3600	32,7900	4275,3000	2	33,6800	130				
Certificate	NL0012113682	GLPG 63.65BL OPENB	EUR	32,4200	32,4200	31,6000			31,6000					
Certificate	LU1650907055	GLPG 65.39TCIOPENS	EUR	29,1400	29,1400	29,1400			29,1400					
Certificate	DE000CE6BH80	GLPG 65.39TL OPENZ	EUR	1,6200	1,6450	1,6200	1242,5400	1	1,6450	767				
Certificate	NL0012488100	GLPG 66.74BL OPENB	EUR	30,1800	31,0900	28,6300	3953,8500	4	29,3600	131				
Certificate	NL0012580898	GLPG 66.76TL OPENH	EUR	3,4200	3,4200	3,3200			3,3200					
Certificate	LU1573743462	GLPG 67.31TCIOPENS	EUR	27,8100	27,8100	26,7100	6787,5000	2	26,7300	250				
Certificate	LU1650954560	GLPG 69.61TCIOPENS	EUR	26,0500	26,4100	23,9200	15843,4400	13	24,8300	621				
Certificate	NL0012580880	GLPG 70.79TL OPENH	EUR	3,0500	3,1000	2,9500	9365,0000	4	2,9500	3100				
Certificate	DE000CE6E929	GLPG 71.91TL OPENZ	EUR	2,7900	2,8500	2,6800	8683,5000	4	2,6800	3120				
Certificate	LU1790451410	GLPG 72.57TCIOPENS	EUR	23,0000	23,0000	23,0000			23,0000					
Certificate	NL0012976682	GLPG 72.83BL OPENB	EUR	24,1000	24,1000	22,3900	1119,5000	1	23,2800	50				
Certificate	NL0012977359	GLPG 75.85BL OPENB	EUR	21,0700	21,4100	19,7400	2911,4000	3	20,2500	140				
Certificate	NL0012935738	GLPG 76.69TL OPENH	EUR	2,5200	2,5200	2,3900	478,0000	1	2,4200	200				
Certificate	LU1817217661	GLPG 77.23TCIOPENS	EUR	18,6800	18,6800	18,6800			18,6800					
Certificate	DE000CJ3N617	GLPG 77.91TL OPENZ	EUR	2,2100	2,2100	2,1100	3994,2400	2	2,1100	1808				
Certificate	NL0012979439	GLPG 78.87BL OPENB	EUR	18,0500	18,7700	16,0200	29792,5200	16	17,2300	1706				
Certificate	LU1817216267	GLPG 79.12TCIOPENS	EUR	16,8100	16,8100	16,8100			16,8100					
Certificate	LU1817292367	GLPG 81.44TCIOPENS	EUR	15,3800	15,6100	14,5500	4530,0600	4	14,5500	292				
Certificate	NL0012996839	GLPG 81.87BL OPENB	EUR	15,0500	15,9600	12,9400	89007,6800	25	14,2300	5968				
Certificate	DE000CJ3P567	GLPG 84.91TL OPENZ	EUR											
Certificate	LU1859906726	GLPG 85.19TCIOPENS	EUR	12,5600	12,5600	9,8800	2065,2700	6	11,1200	182				
Certificate	DE000CJ3PV88	GLPG 85.38TL OPENZ	EUR	1,4500	1,4500	1,4300	2900,0000	1	1,4300	2000				
Certificate	LU1841096891	GLPG 85.43TCIOPENS	EUR											
Certificate	LU1841096974	GLPG 87.36TCIOPENS	EUR											
Certificate	LU1859912377	GLPG 88.27TCIOPENS	EUR	9,1900	9,1900	6,8900	42075,0000	15	8,0100	5000				
Certificate	LU1859906304	GLPG 92.53TPIOPENS	EUR											
Certificate	NL0013016645	GLPG 92.998S OPENB	EUR											
Certificate	LU1859913268	GLPG 95.02TPIOPENS	EUR											
Certificate	DE000CJ3PM06	GLPG 95.89TS OPENZ	EUR											
Certificate	LU1859714146	GLPG 98.85TPIOPENS	EUR	7,0100	7,0100	7,0100			7,0100					
Certificate	NL0013004443	GLPG 98.978S OPENB	EUR	0,6450	0,7050	0,6000	210,0000	1	0,7050	350				
Certificate	NL0012370779	GMLTO 31TL OPENH	EUR	2,2300	2,2400	2,2300			2,2400					
Certificate	DE000CY52M84	GMLTO 45TL OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CW3AWX9	GMLTO 70TS OPENC	EUR											
Certificate	NL0012435267	GMLTO 70TS OPENH	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000CX00M47	GMLTO 75TS 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	DE000CW3AE57	GMLTO 80TS OPENC	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	DE000CX00N95	GMLTO 80TS OPENC	EUR											
Certificate	NL0012438279	GMLTO 12.4TL OPENH	EUR	3,9200	3,9300	3,9200				3,9300				
Certificate	NL0011991138	GMLTO 16.4TL OPENH	EUR	3,5500	3,5600	3,5500				3,5600				
Certificate	NL0011991120	GMLTO 20.6TL OPENH	EUR	3,1800	3,1900	3,1800				3,1900				
Certificate	NL0012526552	GMLTO 24.5TL OPENH	EUR	2,8200	2,8300	2,8200				2,8300				
Certificate	NL0012500672	GMLTO 25.8TL OPENB	EUR	26,4900	26,4900	26,4900				26,4900				
Certificate	NL0011416433	GMLTO 27.4TL OPENH	EUR	2,5600	2,5700	2,5600				2,5700				
Certificate	NL0012499677	GMLTO 28.8TL OPENB	EUR	23,6400	23,6400	23,6400				23,6400				
Certificate	NL0012527956	GMLTO 30.6TL OPENH	EUR	2,2700	2,2800	2,2700				2,2800				
Certificate	NL0012541767	GMLTO 30.7TL OPENH	EUR	2,2600	2,2600	2,2600				2,2600				
Certificate	NL0012693170	GMLTO 31.9TL OPENB	EUR	20,7900	20,7900	20,7900				20,7900				
Certificate	NL0012548192	GMLTO 34.3TL OPENH	EUR	1,9300	1,9300	1,9300				1,9300				
Certificate	NL0012548184	GMLTO 36.4TL OPENH	EUR	1,7400	1,7500	1,7400				1,7500				
Certificate	NL0012548176	GMLTO 38.4TL OPENH	EUR	1,5600	1,5700	1,5600				1,5700				
Certificate	NL0012548168	GMLTO 40.4TL OPENH	EUR	1,3700	1,3800	1,3700				1,3800				
Certificate	NL0012548150	GMLTO 42.5TL OPENH	EUR	1,1900	1,2000	1,1900				1,2000				
Certificate	NL0012549091	GMLTO 44.5TL OPENH	EUR	1,0100	1,0100	1,0100				1,0100				
Certificate	NL0012549943	GMLTO 46.5TL OPENH	EUR	0,8200	0,8300	0,8200				0,8300				
Certificate	NL0012370746	GMLTO 50.6TS OPENC	EUR	0,5900	0,5900	0,5900				0,5900				
Certificate	NL0012494579	GMLTO 53.4BOC1218B	EUR	53,1500	53,1500	53,1500				53,1500				
Certificate	NL0012523898	GMLTO 54.5TS OPENC	EUR	1,0200	1,0200	1,0200				1,0200				
Certificate	NL0012206783	GMLTO 57.8TS OPENC	EUR	1,3800	1,3800	1,3800				1,3800				
Certificate	NL0012437891	GMLTO 62.2TS OPENC	EUR	1,8800	1,8800	1,8800				1,8800				
Certificate	NL0011425418	GMLTO 63.6TS OPENC	EUR	18,2800	18,2800	18,2600				18,2600				
Certificate	NL0011991039	GMLTO 64.5TS OPENC	EUR	2,1300	2,1300	2,1300				2,1300				
Certificate	NL0012240147	GMLTO 73.2TS OPENC	EUR	3,1000	3,1000	3,1000				3,1000				
Certificate	NL0012330187	GMLTO 83.4TS OPENC	EUR	4,2300	4,2300	4,2300				4,2300				
Certificate	NL0011713904	GMLTO 95.8TS OPENC	EUR	5,6100	5,6100	5,6100				5,6100				
Certificate	NL0012488951	GMLTO26.86BL OPENC	EUR	24,5700	24,5700	24,5700				24,5700				
Certificate	DE000CE6F264	GMLTO26.93TL OPENC	EUR	2,3600	2,3600	2,3600				2,3600				
Certificate	NL0012500581	GMLTO28.93BL OPENC	EUR	22,5000	22,5000	22,5000				22,5000				
Certificate	DE000CE6EY0	GMLTO29.04TL OPENC	EUR	2,1500	2,1500	2,1500				2,1500				
Certificate	NL0012279590	GMLTO30.98BL OPENC	EUR	2,0300	2,0300	2,0300				2,0300				
Certificate	DE000CE6EMM0	GMLTO31.11TL OPENC	EUR	1,9400	1,9400	1,9400				1,9400				
Certificate	NL0011442587	GMLTO61.21BS OPENC	EUR	1,1700	1,1700	1,1700				1,1700				
Certificate	DE000CR95779	GMLTO61.41TS OPENC	EUR	1,1000	1,1000	1,1000				1,1000				
Certificate	NL0009938836	GMOTR11.59TL OPENC	EUR	22,1200	22,1200	22,1200				22,1200				
Certificate	NL0010132064	GMOTR13.91TL OPENC	EUR	20,2600	20,2600	20,2600				20,2600				
Certificate	NL0011903802	GMOTR25.61TL OPENC	EUR	10,8900	10,8900	10,8900				10,8900				
Certificate	NL0011917034	GMOTR28.47TL OPENC	EUR	8,6000	8,6000	8,6000				8,6000				
Certificate	DE000VN610B3	GOLD LEVOPENV	EUR	3,1350	3,1350	3,1350				3,1350				
Certificate	DE000VN610A5	GOLD LEVOPENV	EUR	5,5500	5,5750	5,5500	2220,0000	1	5,5750	400				
Certificate	DE000VN61296	GOLD LEVOPENV	EUR	9,8850	9,8850	9,8850				9,8850				
Certificate	DE000CE6C1A2	GOLD LEVOPENZ	EUR	8,5750	8,5950	8,5750				8,5950				
Certificate	DE000CE6C1B0	GOLD LEVOPENZ	EUR	5,8600	5,8600	5,8500				5,8500				
Certificate	DE000CE6C1D6	GOLD LEVOPENZ	EUR	2,4810	2,4810	2,4640				2,4640				
Certificate	NL0000778801	GOLD PI OPENC	EUR	10,7800	10,7800	10,7800				10,7800				
Certificate	DE000VN610D9	GOLD SHROPENV	EUR	3,5750	3,5750	3,5750				3,5750				
Certificate	DE000VN610C1	GOLD SHROPENV	EUR	8,5550	8,5550	8,5550				8,5550				
Certificate	DE000VN610E7	GOLD SHROPENV	EUR	1,4150	1,4150	1,4150				1,4150				
Certificate	DE000CE6C1E4	GOLD SHROPENZ	EUR	4,7150	4,7790	4,7150				4,7790				
Certificate	DE000CE6C1C8	GOLD SHROPENZ	EUR	8,0550	8,1250	8,0550				8,1250				
Certificate	NL0000457703	GOLD 602TL OPENC	EUR	57,7400	57,7400	57,7400				57,7400				
Certificate	NL0000457679	GOLD 619TL OPENC	EUR	56,3000	56,3000	56,3000				56,3000				
Certificate	NL0000459378	GOLD 639TL OPENC	EUR	54,6800	54,6800	54,6800				54,6800				
Certificate	NL0000452894	GOLD 654TL OPENC	EUR	53,4100	53,4100	53,4100				53,4100				
Certificate	NL0000174795	GOLD 668TL OPENC	EUR	52,2400	52,2400	52,2400				52,2400				
Certificate	NL0011048707	GOLD 668TL OPENC	EUR	50,6800	50,6800	50,6800				50,6800				
Certificate	NL0000430742	GOLD 670TL OPENC	EUR	52,0800	52,0800	52,0800				52,0800				
Certificate	NL0000431138	GOLD 699TL OPENC	EUR	49,6300	49,6300	49,6300				49,6300				
Certificate	NL0000171015	GOLD 724TL OPENC	EUR	47,5700	47,5700	47,5700				47,5700				
Certificate	NL0000171262	GOLD 739TL OPENC	EUR	46,2900	46,2900	46,2900				46,2900				
Certificate	NL0000172435	GOLD 765TL OPENC	EUR	44,0900	44,0900	44,0900				44,0900				
Certificate	NL0000172443	GOLD 780TL OPENC	EUR	42,8700	42,8700	42,8700				42,8700				
Certificate	NL0000174092	GOLD 791TL OPENC	EUR	41,8900	41,8900	41,8900				41,8900				
Certificate	NL0000173045	GOLD 809TL OPENC	EUR	40,4500	40,4500	40,4500				40,4500				
Certificate	NL0000377968	GOLD 829TL OPENC	EUR	36,7100	36,7100	36,7100				36,7100				
Certificate	NL0000078327	GOLD 861TL OPENC	EUR	36,0300	36,0300	36,0300				36,0300				
Certificate	DE000CV8AVT9	GOLD 900TL 1218Z	EUR	2,9550	2,9550	2,9550				2,9550				
Certificate	NL0006473126	GOLD 902TL OPENC	EUR	30,3600	30,3600	30,3600				30,3600				
Certificate	DE000CX0K6H2	GOLD 920TL OPENC	EUR	20,0300	20,0300	19,9600	801,2000	2	19,9600	40				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0006518250	GOLD 928TL OPENB	EUR	28,1100	28,1100	28,1100			28,1100					
Certificate	DE000CX0K6G4	GOLD 950TL OPENC	EUR	17,0800	17,0800	17,0800			17,0800					
Certificate	NL0006520884	GOLD 956TL OPENB	EUR	25,7600	25,7600	25,7600			25,7600					
Certificate	DE000CW42322	GOLD 980TL OPENC	EUR	16,5000	16,5000	16,5000			16,5000					
Certificate	DE000CX0K6F6	GOLD 980TL OPENC	EUR	14,4200	14,4300	14,2100	1082,2500	1	14,2100	75				
Certificate	NL0006521288	GOLD 983TL OPENB	EUR	23,4200	23,4200	23,4200			23,4200					
Certificate	DE000CV8A427	GOLD 1000TL 1218Z	EUR	2,0850	2,0850	2,0750			2,0750					
Certificate	DE000CV0JYK9	GOLD 1000TL OPENC	EUR	11,5300	11,5300	11,5300			11,5300					
Certificate	DE000CC5KZ25	GOLD 1000TL OPENC	EUR	12,6400	12,6400	12,6400			12,6400					
Certificate	DE000CP06586	GOLD 1000TL OPENC	EUR	22,3200	22,3200	22,3200			22,3200					
Certificate	LU1816980129	GOLD 1003TCIOPENS	EUR	19,5500	19,5500	19,3300			19,3300					
Certificate	NL0011408133	GOLD 1006TRLOPENH	EUR	20,1800	20,1800	20,1800			20,1800					
Certificate	NL0010876017	GOLD 1008TL OPENB	EUR	21,2300	21,2300	21,2300			21,2300					
Certificate	NL0011417688	GOLD 1010TL OPENH	EUR	21,1900	21,1900	21,1900			21,1900					
Certificate	NL0006527384	GOLD 1012TL OPENB	EUR	20,9300	20,9300	20,9300			20,9300					
Certificate	DE000CB1NF48	GOLD 1012TL OPENZ	EUR	19,4350	19,4350	19,4000			19,4000					
Certificate	DE000VA7TEN2	GOLD 1017TL OPENV	EUR	20,5550	20,5550	20,5550			20,5550					
Certificate	DE000CV0JYL7	GOLD 1020TL OPENC	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	NL0011524517	GOLD 1021BL OPENB	EUR	18,6750	18,6750	18,6750			18,6750					
Certificate	NL0011048657	GOLD 1023TL OPENH	EUR	20,0800	20,0800	20,0800			20,0800					
Certificate	DE000CF045N7	GOLD 1025TL OPENC	EUR	8,4000	8,4000	8,1000	84,0000	1	8,1000	10				
Certificate	DE000CC5KZY8	GOLD 1025TL OPENC	EUR	10,2500	10,2500	10,2500			10,2500					
Certificate	DE000VASRJL3	GOLD 1026TL OPENV	EUR	17,8250	17,8250	17,8250			17,8250					
Certificate	DE000VASREC3	GOLD 1026TL OPENV	EUR	19,4950	19,4950	19,4950			19,4950					
Certificate	DE000CV420F2	GOLD 1029TL OPENZ	EUR	2,0450	2,0450	2,0350			2,0350					
Certificate	DE000VA6EGZ5	GOLD 1038TL OPENV	EUR	16,9350	16,9350	16,9350			16,9350					
Certificate	NL0006527392	GOLD 1042TL OPENB	EUR	18,3400	18,3400	18,3400			18,3400					
Certificate	NL0011048640	GOLD 1046TL OPENH	EUR	18,1700	18,1700	18,1700			18,1700					
Certificate	DE000VA4Y1U4	GOLD 1046TL OPENV	EUR	17,7350	17,7350	17,7350			17,7350					
Certificate	DE000VA4Y1V2	GOLD 1046TL OPENV	EUR	15,9850	15,9850	15,9850			15,9850					
Certificate	DE000CR9R201	GOLD 1048TL OPENZ	EUR	16,3000	16,3000	16,2600			16,2600					
Certificate	NL0010897146	GOLD 1049BL OPENB	EUR	16,2050	16,2050	16,2050			16,2050					
Certificate	DE000CV8A419	GOLD 1050TL 1218Z	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	NL0011408125	GOLD 1051TRLOPENH	EUR	16,2500	16,2500	16,2500			16,2500					
Certificate	LU1816980392	GOLD 1053TCIOPENS	EUR	15,1100	15,1100	14,8700			14,8700					
Certificate	NL0011601257	GOLD 1056TL OPENH	EUR	17,2500	17,2500	17,2500			17,2500					
Certificate	DE000CX0KBQ1	GOLD 1060TL OPENC	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	DE000VN66XC3	GOLD 1061TL OPENV	EUR	12,6450	12,6450	12,6450			12,6450					
Certificate	NL0011417548	GOLD 1062TRLOPENH	EUR	15,2400	15,2400	15,2400			15,2400					
Certificate	DE000VA6EGH3	GOLD 1066TL OPENV	EUR	16,2250	16,2250	16,2250			16,2250					
Certificate	NL0011048632	GOLD 1068TL OPENH	EUR	16,2600	16,2600	16,2600			16,2600					
Certificate	DE000VA6EG29	GOLD 1068TL OPENV	EUR	14,2950	14,2950	14,2950			14,2950					
Certificate	DE000CR9R1Z1	GOLD 1068TL OPENZ	EUR	14,5500	14,5500	14,5000			14,5000					
Certificate	NL0012989453	GOLD 1069BL OPENB	EUR	14,5200	14,5200	14,5200			14,5200					
Certificate	DE000VLSRYU0	GOLD 1069TL OPENV	EUR	14,5150	14,5150	14,5150			14,5150					
Certificate	DE000CN6GCN3	GOLD 1071TL OPENZ	EUR	16,2400	16,2400	16,1300			16,1300					
Certificate	NL0006527400	GOLD 1072TL OPENB	EUR	15,7600	15,7600	15,7600			15,7600					
Certificate	NL0011417530	GOLD 1074TRLOPENH	EUR	14,2400	14,2400	14,2400			14,2400					
Certificate	DE000VA7PSR1	GOLD 1077TL OPENV	EUR	15,3450	15,3450	15,3450			15,3450					
Certificate	DE000CP063P6	GOLD 1080TL OPENC	EUR	15,4200	15,4200	15,4200			15,4200					
Certificate	DE000VN66XD1	GOLD 1081TL OPENV	EUR	10,8450	10,8450	10,8450			10,8450					
Certificate	NL0012989818	GOLD 1083TL OPENB	EUR	14,8200	14,8300	14,8100	666,9000	1	14,8100	45				
Certificate	NL0011417522	GOLD 1086TRLOPENH	EUR	13,1500	13,1500	13,1500			13,1500					
Certificate	DE000VL37D12	GOLD 1087TL OPENV	EUR	12,7350	12,7350	12,7350			12,7350					
Certificate	DE000CB4TDG7	GOLD 1088TL OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	NL0011048624	GOLD 1090TL OPENH	EUR	14,3500	14,3500	14,3500			14,3500					
Certificate	DE000VA6GL5	GOLD 1096TL OPENV	EUR	13,6350	13,6350	13,6350			13,6350					
Certificate	NL0011408117	GOLD 1098TRLOPENH	EUR	12,1600	12,1600	12,1600			12,1600					
Certificate	NL0009071398	GOLD 1099TL OPENB	EUR	13,4100	13,4100	13,4100			13,4100					
Certificate	DE000CV88RN9	GOLD 1100TL 1218Z	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	DE000CQ58UL9	GOLD 1100TL OPENC	EUR	10,6000	10,6000	10,6000			10,6000					
Certificate	DE000CY16Q36	GOLD 1100TL OPENC	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	LU179048978	GOLD 1102TCIOPENS	EUR	10,2300	10,2300	9,9600			9,9600					
Certificate	NL0012101489	GOLD 1102TL OPENB	EUR	13,1000	13,1100	13,1000	2358,0000	1	13,1100	180				
Certificate	DE000CV8APV7	GOLD 1104TL OPENZ	EUR	11,3600	11,3600	11,3000			11,3000					
Certificate	DE000VL37D20	GOLD 1107TL OPENV	EUR	11,2100	11,2100	10,9850	224,2000	1	10,9850	20				
Certificate	NL0010897153	GOLD 1108BL OPENB	EUR	11,0850	11,0850	11,0850			11,0850					
Certificate	NL0010441531	GOLD 1109BL OPENB	EUR	10,9850	10,9850	10,9850			10,9850					
Certificate	NL0012981088	GOLD 1109BL OPENB	EUR	10,9400	10,9400	10,9400			10,9400					
Certificate	LU1651059070	GOLD 1109TCIOPENS	EUR	6,8800	6,8800	6,6100	1350,0000	2	6,6100	200				
Certificate	NL0011048616	GOLD 1112TL OPENH	EUR	12,4300	12,4300	12,4300			12,4300					
Certificate	DE000CN6EUY7	GOLD 1112TL OPENZ	EUR	12,2000	12,2000	12,0900			12,0900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VAGEGP6	GOLD 1116TL OPENV	EUR	11,9050	11,9050	11,9050			11,9050					
Certificate	DE000VAGTY61	GOLD 1118TL OPENV	EUR	9,8950	9,8950	9,8950			9,8950					
Certificate	NL0010876025	GOLD 1120TL OPENB	EUR	11,7000	11,7000	11,5650	11700,0000	1	11,5650	1000				
Certificate	DE000CY50ZT3	GOLD 1120TL OPENC	EUR	7,9000	7,9000	7,9000			7,9000					
Certificate	NL0009170935	GOLD 1122TL OPENB	EUR	11,6100	11,6250	11,3850	3018,6000	1	11,3850	260				
Certificate	NL0011594080	GOLD 1122TL OPENH	EUR	11,5700	11,5700	11,5700			11,5700					
Certificate	DE000CB4TPD8	GOLD 1125TL OPENZ	EUR	0,9550	0,9700	0,9450	363,7500	2	0,9450	375				
Certificate	DE000VASRJM1	GOLD 1126TL OPENV	EUR	9,0050	9,0050	9,0050			9,0050					
Certificate	DE000VN66JW0	GOLD 1129TL OPENV	EUR	9,2050	9,2050	9,2050			9,2050					
Certificate	NL0012099683	GOLD 1130BL OPENB	EUR	9,1400	9,1400	9,1400			9,1400					
Certificate	DE000VN66KA4	GOLD 1130TL OPENV	EUR	7,2350	7,2350	7,2350			7,2350					
Certificate	NL0011417506	GOLD 1130TRLOPENH	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	NL0012989271	GOLD 1133TL OPENB	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	NL0011048608	GOLD 1134TL OPENH	EUR	10,5500	10,5500	10,5100	16774,5000	1	10,5100	1590				
Certificate	DE000VAGEGS0	GOLD 1136TL OPENV	EUR	10,1750	10,1750	10,1750			10,1750					
Certificate	NL0011594072	GOLD 1137TL OPENH	EUR	10,2600	10,2600	10,2600			10,2600					
Certificate	DE000VAGEG52	GOLD 1138TL OPENV	EUR	8,1250	8,1250	8,1250			8,1250					
Certificate	NL0011263561	GOLD 1141BL OPENB	EUR	8,1250	8,1250	8,1250			8,1250					
Certificate	DE000CV8AXQ1	GOLD 1141TL OPENZ	EUR	8,1200	8,1200	8,0500			8,0500					
Certificate	NL0011407705	GOLD 1141TRLOPENH	EUR	8,3800	8,3800	8,3800			8,3800					
Certificate	NL0011594064	GOLD 1142TL OPENH	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	NL0011593520	GOLD 1147TL OPENH	EUR	9,3900	9,3900	9,3900			9,3900					
Certificate	NL0011530860	GOLD 1148TL OPENB	EUR	9,5500	9,5500	9,2050	955,0000	1	9,2050	100				
Certificate	DE000CV88RM1	GOLD 1150TL 1218Z	EUR	0,7750	0,7800	0,7650	78,0000	1	0,7650	100				
Certificate	DE000CQ5BUM7	GOLD 1150TL OPENC	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	DE000CR9QX90	GOLD 1152TL OPENZ	EUR	7,1950	7,1950	7,1200			7,1200					
Certificate	DE000CR9R4Z5	GOLD 1153TL OPENZ	EUR	8,0400	8,0400	7,9300			7,9300					
Certificate	NL0011812300	GOLD 1157TL OPENB	EUR	8,6800	8,6800	8,4200	868,0000	1	8,4200	100				
Certificate	NL0011593512	GOLD 1158TL OPENH	EUR	8,4600	8,4600	8,4600			8,4600					
Certificate	DE000CP061W6	GOLD 1160TL OPENC	EUR	5,5200	5,5200	5,5200			5,5200					
Certificate	DE000CQ58FX5	GOLD 1160TL OPENC	EUR	7,3100	7,3100	7,3100			7,3100					
Certificate	NL0011594056	GOLD 1161TL OPENH	EUR	8,1900	8,1900	8,1900			8,1900					
Certificate	DE000CV8AVX1	GOLD 1161TL OPENZ	EUR	6,3400	6,3400	6,2600			6,2600					
Certificate	NL0012975833	GOLD 1164BL OPENB	EUR	6,1600	6,1600	6,1600			6,1600					
Certificate	NL0011407697	GOLD 1164TRLOPENH	EUR	6,3200	6,3200	6,3200			6,3200					
Certificate	DE000VASRJK5	GOLD 1165TL OPENV	EUR	7,5150	7,5150	7,5150			7,5150					
Certificate	DE000VASRJN9	GOLD 1166TL OPENV	EUR	5,4750	5,4750	5,4750			5,4750					
Certificate	NL0011259635	GOLD 1170BL OPENB	EUR	5,6050	5,6050	5,6050			5,6050					
Certificate	DE000CP061X4	GOLD 1170TL OPENC	EUR	4,9500	4,9500	4,6400	529,5000	2	4,6400	110				
Certificate	DE000CR9QUV7	GOLD 1172TL OPENZ	EUR	5,4200	5,4200	5,3400			5,3400					
Certificate	DE000VAGEGW2	GOLD 1176TL OPENV	EUR	6,7250	6,7250	6,7250			6,7250					
Certificate	NL0012991087	GOLD 1177TL OPENB	EUR	6,8400	7,0300	6,5600	19745,0000	5	6,7100	2900				
Certificate	DE000VAGEG86	GOLD 1178TL OPENV	EUR	4,6150	4,6150	4,6150			4,6150					
Certificate	DE000CP063Q4	GOLD 1180TL OPENC	EUR	6,8200	6,8200	6,8200			6,8200					
Certificate	DE000CP06594	GOLD 1180TL OPENC	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	DE000CJ3NYT3	GOLD 1181TL OPENZ	EUR	4,5850	4,5850	4,5000			4,5000					
Certificate	LU1841026419	GOLD 1187TCIOPENS	EUR	4,0100	4,0100	3,7200			3,7200					
Certificate	DE000VA71SY4	GOLD 1187TL OPENV	EUR	5,9250	5,9250	5,9250			5,9250					
Certificate	DE000VA71S07	GOLD 1189TL OPENV	EUR	3,7650	3,7650	3,7650			3,7650					
Certificate	NL0013011919	GOLD 1190BL OPENB	EUR	4,1100	4,1200	3,8600	4823,5000	3	3,8600	1200				
Certificate	DE000CP06YW0	GOLD 1190TL OPENC	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	DE000CJ3N799	GOLD 1191TL OPENZ	EUR	3,7450	3,7450	3,6600			3,6600					
Certificate	DE000CJ3N8N9	GOLD 1192TL OPENZ	EUR	0,4150	0,4150	0,4000	1960,0000	1	0,4050	4900				
Certificate	NL0013012115	GOLD 1197TL OPENB	EUR	5,2700	5,2700	4,9300	3138,0000	2	4,9300	600				
Certificate	DE000VA71SZ1	GOLD 1197TL OPENV	EUR	5,0650	5,0650	5,0650			5,0650					
Certificate	DE000VA71WK5	GOLD 1199TL OPENV	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	DE000CJ3PW72	GOLD 1200TL 1218Z	EUR	0,3200	0,3200	0,3150	27,2000	1	0,3150	85				
Certificate	DE000CP06YX8	GOLD 1200TL OPENC	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CP07CH5	GOLD 1200TL OPENC	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CY50LT3	GOLD 1200TL OPENC	EUR											
Certificate	DE000CJ3PWR6	GOLD 1201TL OPENZ	EUR	2,8100	2,8100	2,8100			2,8100					
Certificate	DE000VA71WJ7	GOLD 1207TL OPENV	EUR	4,2250	4,2250	4,2250			4,2250					
Certificate	DE000CY50WK9	GOLD 1210TL OPENC	EUR											
Certificate	DE000VA8F5U4	GOLD 1210TL OPENV	EUR	2,0450	2,0450	2,0450			2,0450					
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	DE000CP063R2	GOLD 1240TS OPENC	EUR	3,8900	3,8900	3,8900			3,8900					
Certificate	DE000VA80K04	GOLD 1241TS 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	DE000VA710A8	GOLD 1241TS OPENV	EUR											
Certificate	DE000CV8ALC6	GOLD 1242TS OPENZ	EUR											
Certificate	DE000CV8A674	GOLD 1242TS OPENZ	EUR											
Certificate	NL0012982243	GOLD 1248TS OPENB	EUR	3,4000	3,7300	3,4000	850,0000	1	3,7300	250				
Certificate	NL0012987572	GOLD 1249BS OPENB	EUR	1,4300	1,6700	1,3100	16090,3700	8	1,6700	10627				
Certificate	DE000CJ3PSJ1	GOLD 1249TS OPENZ	EUR											
Certificate	DE000CJ3PS00	GOLD 1250TS 1218Z	EUR											
Certificate	DE000CP06129	GOLD 1250TS OPENC	EUR	1,5700	1,5700	1,5700			1,5700					
Certificate	DE000VA4YYX6	GOLD 1253TS OPENV	EUR	1,4250	1,4250	1,4250			1,4250					
Certificate	DE000VA4YYZ1	GOLD 1256TS OPENV	EUR	3,8350	3,8350	3,8350			3,8350					
Certificate	DE000CJ3PK08	GOLD 1257TS OPENZ	EUR	0,2550	0,2650	0,2550			0,2650					
Certificate	DE000CJ3PP52	GOLD 1259TS OPENZ	EUR	2,3750	2,4800	2,3750			2,4800					
Certificate	DE000CQ581X0	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ5AJV3	GOLD 1260TL OPENC	EUR											
Certificate	DE000CY52K52	GOLD 1260TL OPENC	EUR											
Certificate	DE000CY52NN8	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ5A735	GOLD 1260TL OPENC	EUR											
Certificate	DE000CQ58WE0	GOLD 1260TS OPENC	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000CQ58UQ8	GOLD 1260TS OPENC	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0012980254	GOLD 1268TS OPENB	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0012981096	GOLD 1269BS OPENB	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000CV8A815	GOLD 1269TS OPENZ	EUR	3,2450	3,4400	2,9500	3535,5000	3		1100				
Certificate	DE000CP06YY6	GOLD 1270TS OPENC	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	DE000VA4YYY4	GOLD 1273TS OPENV	EUR	3,1550	3,1550	3,1550			3,1550					
Certificate	LU1790505447	GOLD 1275TPIOPENS	EUR	3,3800	3,7100	3,3800			3,7100					
Certificate	DE000CV0AVR7	GOLD 1275TS OPENC	EUR											
Certificate	DE000VA3TKM0	GOLD 1276TS OPENV	EUR											
Certificate	DE000VA3TKP3	GOLD 1277TS OPENV	EUR	5,4850	5,4850	5,4850			5,4850					
Certificate	DE000CV89XK1	GOLD 1278TS OPENZ	EUR	4,1150	4,2250	4,1150			4,2250					
Certificate	DE000CY52NP3	GOLD 1280TL OPENC	EUR											
Certificate	DE000CX01XL0	GOLD 1280TL OPENC	EUR											
Certificate	DE000CP063S0	GOLD 1280TS OPENC	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	DE000CQ58NX9	GOLD 1280TS OPENC	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0012975858	GOLD 1288BS OPENB	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	DE000CV8A8D5	GOLD 1289TS OPENZ	EUR	4,9900	5,1100	4,9900			5,1100					
Certificate	DE000CY52WQ2	GOLD 1290TL OPENC	EUR											
Certificate	DE000CQ58MA9	GOLD 1290TS OPENC	EUR	4,8800	4,8800	4,8800			4,8800					
Certificate	DE000VA3TKN8	GOLD 1296TS OPENV	EUR	4,8750	4,8750	4,8750			4,8750					
Certificate	DE000VA3TKQ1	GOLD 1297TS OPENV	EUR	7,2550	7,2550	7,2550			7,2550					
Certificate	DE000CV89KJ0	GOLD 1297TS OPENZ	EUR	0,6550	0,6650	0,6550			0,6650					
Certificate	DE000CV89J53	GOLD 1298TS OPENZ	EUR	5,8400	5,9600	5,8400			5,9600					
Certificate	DE000CX595Y9	GOLD 1300TL OPENC	EUR											
Certificate	DE000CV8A8Q7	GOLD 1300TS 1218Z	EUR	0,5650	0,5750	0,5650			0,5750					
Certificate	DE000CQ58PC8	GOLD 1300TS OPENC	EUR	9,1500	9,1500	9,1500			9,1500					
Certificate	DE000CP063T8	GOLD 1300TS OPENC	EUR	9,3000	9,3000	9,3000			9,3000					
Certificate	DE000CQ58MB7	GOLD 1300TS OPENC	EUR	5,7500	5,7500	5,7500			5,7500					
Certificate	NL0012972491	GOLD 1308TS OPENB	EUR	9,1200	9,1200	9,1200			9,1200					
Certificate	DE000CQ58MC5	GOLD 1310TS OPENC	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	DE000VA3KSD1	GOLD 1316TS OPENV	EUR	6,6050	6,6050	6,6050			6,6050					
Certificate	DE000VA3KSE9	GOLD 1317TS OPENV	EUR	8,9750	8,9750	8,9750			8,9750					
Certificate	DE000CV89HX7	GOLD 1318TS OPENZ	EUR	7,5900	7,7200	7,5900			7,7200					
Certificate	DE000CQ58PD6	GOLD 1320TS OPENC	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	DE000CQ58JT5	GOLD 1320TS OPENC	EUR	10,8800	10,8800	10,8800			10,8800					
Certificate	DE000CY51GG8	GOLD 1320TS OPENC	EUR											
Certificate	DE000CQ58B24	GOLD 1320TS OPENC	EUR	10,8000	10,8000	10,8000			10,8000					
Certificate	NL0012790737	GOLD 1328BS OPENB	EUR	8,6700	8,6700	8,6700			8,6700					
Certificate	LU1757003238	GOLD 1329TPIOPENS	EUR	7,9000	8,2500	7,9000			8,2500					
Certificate	NL0012786537	GOLD 1329TS OPENB	EUR	11,0000	11,0000	11,0000			11,0000					
Certificate	DE000CQ58F12	GOLD 1330TS OPENC	EUR	8,3000	8,3000	8,3000			8,3000					
Certificate	DE000VA279C4	GOLD 1337TS OPENV	EUR	10,7150	10,7150	10,7150			10,7150					
Certificate	DE000CV88UM5	GOLD 1337TS OPENZ	EUR	1,0550	1,0650	1,0550			1,0650					
Certificate	DE000CV88UT0	GOLD 1338TS OPENZ	EUR	9,3300	9,4600	9,3300			9,4600					
Certificate	DE000VA15NP0	GOLD 1339TS OPENV	EUR	8,3450	8,3450	8,3450			8,3450					
Certificate	DE000CQ5AW79	GOLD 1340TS OPENC	EUR	12,5100	12,5100	12,5100			12,5100					
Certificate	DE000CQ5AVZ9	GOLD 1340TS OPENC	EUR	9,0600	9,0600	9,0600			9,0600					
Certificate	NL0012784532	GOLD 1349TS OPENB	EUR	12,7900	12,7900	12,7900			12,7900					
Certificate	DE000CV8A435	GOLD 1350TS 1218Z	EUR	0,9950	1,0150	0,9950			1,0150					
Certificate	DE000CQ5AW04	GOLD 1350TS OPENC	EUR	9,9300	9,9300	9,9300			9,9300					
Certificate	DE000VA279D2	GOLD 1357TS OPENV	EUR	12,4850	12,4850	12,4850			12,4850					
Certificate	DE000CV886P2	GOLD 1358TS OPENZ	EUR	11,0700	11,2100	11,0700			11,2100					
Certificate	DE000CQ5AW12	GOLD 1360TS OPENC	EUR	10,8000	10,8000	10,8000			10,8000					
Certificate	DE000VA1SSU2	GOLD 1360TS OPENV	EUR	10,0750	10,0750	10,0750			10,0750					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VAGEGD2	GOLD 1364TS OPENV	EUR	13,7850	13,7850	13,7850			13,7850					
Certificate	NL0011899745	GOLD 1368BS OPENB	EUR	12,1600	12,1600	12,1600			12,1600					
Certificate	LU1756002058	GOLD 1375TPIOPENS	EUR	12,5300	12,9000	12,5300			12,9000					
Certificate	DE000VASRM76	GOLD 1376TS OPENV	EUR	14,7050	14,7050	14,7050			14,7050					
Certificate	DE000CV4ZRD7	GOLD 1377TS OPENZ	EUR	1,4550	1,4650	1,4550			1,4650					
Certificate	DE000CV88C53	GOLD 1378TS OPENZ	EUR	12,8200	12,9700	12,8200			12,9700					
Certificate	DE000CQ5AAE8	GOLD 1380TS OPENC	EUR	15,8700	15,8700	15,8700			15,8700					
Certificate	DE000CY518J1	GOLD 1380TS OPENC	EUR	15,7600	15,7600	15,7600			15,7600					
Certificate	DE000CY52NQ1	GOLD 1380TS OPENC	EUR	15,8400	15,8400	15,8400			15,8400					
Certificate	DE000CY50ZY3	GOLD 1380TS OPENC	EUR	15,7300	15,7300	15,7300			15,7300					
Certificate	DE000CQ5AMC7	GOLD 1380TS OPENC	EUR	16,0200	16,0200	16,0200			16,0200					
Certificate	DE000CX59WM8	GOLD 1380TS OPENC	EUR	11,7600	11,7600	11,7600			11,7600					
Certificate	DE000CX00UD5	GOLD 1380TS OPENC	EUR	13,5700	13,5700	13,5700			13,5700					
Certificate	DE000CY51WZ5	GOLD 1380TS OPENC	EUR	15,8200	15,8200	15,8200			15,8200					
Certificate	DE000CY51NS9	GOLD 1380TS OPENC	EUR	15,8000	15,8000	15,8000			15,8000					
Certificate	DE000CY52CT8	GOLD 1380TS OPENC	EUR	15,8400	15,8400	15,8400			15,8400					
Certificate	NL0011603147	GOLD 1384TS OPENH	EUR	15,8800	15,8800	15,8800			15,8800					
Certificate	NL0011705074	GOLD 1385TRSOPENH	EUR	13,9200	13,9200	13,9200			13,9200					
Certificate	NL0012696900	GOLD 1388BS OPENB	EUR	13,9000	13,9000	13,9000			13,9000					
Certificate	DE000CX00U47	GOLD 1390TS OPENC	EUR	12,1000	12,1000	12,1000			12,1000					
Certificate	DE000CY51888	GOLD 1390TS OPENC	EUR	13,0700	13,0700	13,0700			13,0700					
Certificate	NL0010377610	GOLD 1392TS OPENB	EUR	16,5900	16,5900	16,5900			16,5900					
Certificate	DE000VA77SP5	GOLD 1392TS OPENV	EUR	16,3850	16,3850	16,3850			16,3850					
Certificate	NL0010377040	GOLD 1397BS OPENB	EUR	14,6950	14,6950	14,6950			14,6950					
Certificate	NL0012694616	GOLD 1399TS OPENB	EUR	17,2700	17,2700	17,2700			17,2700					
Certificate	DE000CN6IEK9	GOLD 1399TS OPENZ	EUR	14,6500	14,8000	14,6500			14,8000					
Certificate	DE000CV88RP4	GOLD 1400TS 1218Z	EUR	1,4350	1,4450	1,4350			1,4450					
Certificate	DE000VA71SX6	GOLD 1402TS OPENV	EUR	17,3550	17,3550	17,3550			17,3550					
Certificate	DE000VN66XA7	GOLD 1402TS OPENV	EUR	11,8050	11,8050	11,8050			11,8050					
Certificate	NL0011730817	GOLD 1405TS OPENH	EUR	17,7700	17,7700	17,7700			17,7700					
Certificate	LU1651060839	GOLD 1408TPIOPENS	EUR	14,0600	14,4300	14,0600			14,4300					
Certificate	DE000CX00U54	GOLD 1410TS OPENC	EUR	13,8300	13,8300	13,8300			13,8300					
Certificate	DE000CY52WS8	GOLD 1410TS OPENC	EUR	14,9100	14,9100	14,9100			14,9100					
Certificate	DE000VA71WH1	GOLD 1412TS OPENV	EUR	18,2550	18,2550	18,2550			18,2550					
Certificate	DE000CN6KFD9	GOLD 1417TS OPENZ	EUR	18,5700	18,6800	18,5700			18,6800					
Certificate	DE000CN6LC84	GOLD 1417TS OPENZ	EUR	16,2600	16,4100	16,2600			16,4100					
Certificate	DE000CX00UE3	GOLD 1420TS OPENC	EUR	17,1000	17,1000	17,1000			17,1000					
Certificate	DE000CQ5AMD5	GOLD 1420TS OPENC	EUR	19,6200	19,6200	19,6200			19,6200					
Certificate	DE000CY52NR9	GOLD 1420TS OPENC	EUR	19,4400	19,4400	19,4400			19,4400					
Certificate	DE000CY517Y2	GOLD 1420TS OPENC	EUR	19,3400	19,3400	19,3400			19,3400					
Certificate	DE000CQ5AAF5	GOLD 1420TS OPENC	EUR	19,4700	19,4700	19,4700			19,4700					
Certificate	DE000CY51NT7	GOLD 1420TS OPENC	EUR	19,3900	19,3900	19,3900			19,3900					
Certificate	DE000CY52962	GOLD 1420TS OPENC	EUR	19,4400	19,4400	19,4400			19,4400					
Certificate	DE000CQ58FZ0	GOLD 1420TS OPENC	EUR	19,8400	19,8400	19,8400			19,8400					
Certificate	DE000CQ5A2N0	GOLD 1420TS OPENC	EUR	15,7800	15,7800	15,7800			15,7800					
Certificate	DE000VA87E05	GOLD 1421TS OPENV	EUR	19,1850	19,1850	19,1850			19,1850					
Certificate	DE000VN66XB5	GOLD 1422TS OPENV	EUR	13,5150	13,5150	13,5150			13,5150					
Certificate	DE000CX01D70	GOLD 1425TS OPENC	EUR	15,2500	15,2500	15,2500			15,2500					
Certificate	NL0011048350	GOLD 1427TS OPENH	EUR	19,8000	19,8000	19,8000			19,8000					
Certificate	DE000CN6LC92	GOLD 1437TS OPENZ	EUR	18,0000	18,1700	18,0000			18,1700					
Certificate	DE000CY518K9	GOLD 1440TS OPENC	EUR	21,1400	21,1400	21,1400			21,1400					
Certificate	DE000CY50ZZ0	GOLD 1440TS OPENC	EUR	21,1100	21,1100	21,1100			21,1100					
Certificate	DE000CY50WP8	GOLD 1440TS OPENC	EUR	17,3900	17,3900	17,3900			17,3900					
Certificate	DE000VL2FMC5	GOLD 1441TS OPENV	EUR	15,2450	15,2450	15,2450			15,2450					
Certificate	NL0011705066	GOLD 1444TRSOPENH	EUR	19,0600	19,0600	19,0600			19,0600					
Certificate	NL0011730809	GOLD 1444TS OPENH	EUR	21,2800	21,2800	21,2800			21,2800					
Certificate	NL0010377644	GOLD 1447TS OPENB	EUR	21,5600	21,5600	21,5600			21,5600					
Certificate	DE000CV88RQ2	GOLD 1450TS 1218Z	EUR	1,8750	1,8850	1,8750			1,8850					
Certificate	DE000CY16QB1	GOLD 1450TS OPENC	EUR	21,8200	21,8200	21,8200			21,8200					
Certificate	DE000CY16Q28	GOLD 1450TS OPENC	EUR	18,0800	18,0800	18,0800			18,0800					
Certificate	LU1651918119	GOLD 1453TPIOPENS	EUR	18,1200	18,5200	18,1200			18,5200					
Certificate	DE000CD61CH8	GOLD 1456TS OPENZ	EUR	19,6800	19,8500	19,6800			19,8500					
Certificate	DE000CN6KFE7	GOLD 1457TS OPENZ	EUR	22,5600	22,6700	22,5600			22,6700					
Certificate	DE000CY51BD6	GOLD 1460TS OPENC	EUR	19,1700	19,1700	19,1700			19,1700					
Certificate	DE000VL2FMD3	GOLD 1461TS OPENV	EUR	16,9550	16,9550	16,9550			16,9550					
Certificate	NL0011417449	GOLD 1467TRSOPENH	EUR	21,1200	21,1200	21,1200			21,1200					
Certificate	NL0010377131	GOLD 1473TS OPENB	EUR	23,8900	23,8900	23,8900			23,8900					
Certificate	DE000CX01XN6	GOLD 1475TS OPENC	EUR	19,7400	19,7400	19,7400			19,7400					
Certificate	DE000CD61XA9	GOLD 1475TS OPENZ	EUR	21,2800	21,4600	21,2800			21,4600					
Certificate	DE000CY518L7	GOLD 1480TS OPENC	EUR	24,7400	24,7400	24,7400			24,7400					
Certificate	DE000CY52970	GOLD 1480TS OPENC	EUR	24,8300	24,8300	24,8300			24,8300					
Certificate	NL0011730791	GOLD 1483TS OPENH	EUR	24,7900	24,7900	24,7900			24,7900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD61XB7	GOLD 1495TS OPENZ	EUR	23,0300	23,2100	23,0300			23,2100					
Certificate	DE000CE6CFH8	GOLD 1497TS OPENZ	EUR	2,6550	2,6650	2,6550			2,6650					
Certificate	DE000CV88RR0	GOLD 1500TS 1218Z	EUR	2,3050	2,3250	2,3050			2,3250					
Certificate	LU1651918382	GOLD 1503TRIOFENS	EUR	22,4600	22,8700	22,4600			22,8700					
Certificate	NL0011048343	GOLD 1504TS OPENZ	EUR	26,5100	26,6700	26,5100	2651,0000	1	26,6700	100				
Certificate	DE000CD62197	GOLD 1515TS OPENZ	EUR	24,7900	24,9800	24,7900			24,9800					
Certificate	DE000CV518C6	GOLD 1520TS OPENC	EUR	24,4000	24,4000	24,4000			24,4000					
Certificate	DE000CQ5AW87	GOLD 1520TS OPENC	EUR	28,7200	28,7200	28,7200			28,7200					
Certificate	DE000CQ5AAG3	GOLD 1520TS OPENC	EUR	28,4500	28,4500	28,4500			28,4500					
Certificate	DE000CV51729	GOLD 1520TS OPENC	EUR	28,3200	28,3200	28,3200			28,3200					
Certificate	DE000CQ5B1Y8	GOLD 1520TS OPENC	EUR	24,8800	24,8800	24,8800			24,8800					
Certificate	DE000CT9M2Y7	GOLD 1526TS OPENC	EUR	21,6700	21,6700	21,6700			21,6700					
Certificate	DE000CE6EQR0	GOLD 1534TS OPENZ	EUR	26,4400	26,6300	26,4400			26,6300					
Certificate	DE000CE6EQW0	GOLD 1536TS OPENZ	EUR	3,0450	3,0550	3,0450			3,0550					
Certificate	DE000CV88RS8	GOLD 1550TS 1218Z	EUR	2,7450	2,7650	2,7450			2,7650					
Certificate	DE000CV518M5	GOLD 1560TS OPENC	EUR	31,9200	31,9200	31,9200			31,9200					
Certificate	DE000CV52WT6	GOLD 1560TS OPENC	EUR	27,9900	27,9900	27,9900			27,9900					
Certificate	NL0011417654	GOLD 1573TS OPENH	EUR	32,8200	32,8200	32,8200			32,8200					
Certificate	DE000CE6EQX8	GOLD 1576TS OPENZ	EUR	3,4450	3,4550	3,4450			3,4550					
Certificate	NL0011417423	GOLD 1580TRIOFENS	EUR	31,0400	31,0400	31,0400			31,0400					
Certificate	DE000CN6JEL7	GOLD 1598TS OPENZ	EUR	32,0800	32,2900	32,0800			32,2900					
Certificate	DE000CV50889	GOLD 1616TS OPENZ	EUR	3,8450	3,8550	3,8450			3,8550					
Certificate	NL0011417647	GOLD 1631TS OPENH	EUR	38,0300	38,0300	38,0300			38,0300					
Certificate	DE000CV87HK8	GOLD 1638TS OPENZ	EUR	35,5700	35,7900	35,5700			35,7900					
Certificate	DE000CV50897	GOLD 1656TS OPENZ	EUR	4,2450	4,2550	4,2450			4,2550					
Certificate	NL0011048335	GOLD 1657TS OPENH	EUR	40,4200	40,4200	40,4200			40,4200					
Certificate	DE000CV87HL6	GOLD 1678TS OPENZ	EUR	39,0700	39,3100	39,0700			39,3100					
Certificate	NL0009900315	GOLD 1682TS OPENB	EUR	42,6300	42,6300	42,6300			42,6300					
Certificate	NL0011603139	GOLD 1754TS OPENH	EUR	49,0800	49,0800	49,0800			49,0800					
Certificate	DE000CV87HM4	GOLD 1758TS OPENZ	EUR	46,0700	46,3300	46,0700			46,3300					
Certificate	NL0011705058	GOLD 1767TRIOFENS	EUR	47,4800	47,4800	47,4800			47,4800					
Certificate	NL0011048327	GOLD 1811TS OPENH	EUR	54,1500	54,1500	54,1500			54,1500					
Certificate	NL0011730783	GOLD 1874TS OPENH	EUR	59,8600	59,8600	59,8600			59,8600					
Certificate	NL0011048715	GOLD 579.2TL OPENH	EUR	58,3300	58,3300	58,3300			58,3300					
Certificate	NL0011048699	GOLD 756.9TL OPENH	EUR	43,0300	43,0300	43,0300			43,0300					
Certificate	NL0011601265	GOLD 827.7TL OPENH	EUR	36,9300	36,9300	36,9300			36,9300					
Certificate	DE000CV89YQ6	GOLD 830.2TL OPENZ	EUR	35,3400	35,3600	35,3400			35,3600					
Certificate	NL0011600994	GOLD 871.4TRLOPENH	EUR	32,0200	32,0200	32,0200			32,0200					
Certificate	DE000CB1NF30	GOLD 911.7TL OPENZ	EUR	28,1900	28,1900	28,1900			28,1900					
Certificate	DE000CN6HP69	GOLD 931.5TL OPENZ	EUR	26,4600	26,4600	26,4500			26,4500					
Certificate	NL0011048673	GOLD 934.5TL OPENH	EUR	27,7300	27,7300	27,7300			27,7300					
Certificate	NL0011264742	GOLD 935.1BL OPENB	EUR	26,2450	26,2450	26,2450			26,2450					
Certificate	NL0011423561	GOLD 951.6TL OPENH	EUR	26,2600	26,2600	26,2600			26,2600					
Certificate	DE000CN6HP51	GOLD 951.7TL OPENZ	EUR	24,7000	24,7000	24,6900			24,6900					
Certificate	NL0011423553	GOLD 962.5TL OPENH	EUR	25,3200	25,3200	25,3200			25,3200					
Certificate	DE000CN6HP44	GOLD 971.8TL OPENZ	EUR	22,9400	22,9400	22,9200			22,9200					
Certificate	NL0011048665	GOLD 978.8TL OPENH	EUR	23,9100	23,9100	23,9100			23,9100					
Certificate	DE000CN6HP36	GOLD 991.9TL OPENZ	EUR	21,1700	21,1700	21,1500			21,1500					
Certificate	NL0011423546	GOLD 995.3TL OPENH	EUR	22,4900	22,4900	22,4900			22,4900					
Certificate	DE000CJ3PSD4	GOLDC 6.04TL OPENZ	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	DE000CJ3N1P9	GOLDC 7.04TL OPENZ	EUR	2,4650	2,4650	2,4650			2,4650					
Certificate	DE000CV8AYY3	GOLDC 8.04TL OPENZ	EUR	1,6500	1,6550	1,6500	214,5000	1	1,6550	130				
Certificate	NL0012906598	GOLDF 777TRLOPENH	EUR	40,3200	40,3200	40,3200			40,3200					
Certificate	NL0012906507	GOLDF 1023TRLOPENH	EUR	18,7200	18,7200	18,7200			18,7200					
Certificate	NL0012910335	GOLDF 1039TRLOPENH	EUR	17,3400	17,3400	17,3400			17,3400					
Certificate	NL0013079924	GOLDF 1074TRLOPENH	EUR	14,2300	14,2300	14,2300			14,2300					
Certificate	NL0012209902	GOLDF 1079TRLOPENH	EUR	15,2700	15,2700	15,2700			15,2700					
Certificate	NL0011995592	GOLDF 1101TL OPENH	EUR	13,3600	13,3600	13,3600			13,3600					
Certificate	NL0012052393	GOLDF 1110TRLOPENH	EUR	11,0200	11,0200	11,0200			11,0200					
Certificate	NL0013079916	GOLDF 1134TRLOPENH	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	NL0013079908	GOLDF 1137TRLOPENH	EUR	8,7200	8,7200	8,7200			8,7200					
Certificate	NL0012916068	GOLDF 1141TRLOPENH	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	NL0012895833	GOLDF 1145TRLOPENH	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	NL0012938625	GOLDF 1149TRLOPENH	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	NL0012938609	GOLDF 1154TRLOPENH	EUR	7,2000	7,2000	7,2000			7,2000					
Certificate	NL0011735824	GOLDF 1157TRLOPENH	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	NL0013079890	GOLDF 1162TRLOPENH	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	NL0012938591	GOLDF 1167TRLOPENH	EUR	6,0800	6,0800	6,0800			6,0800					
Certificate	NL0012889174	GOLDF 1171TL OPENH	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	NL0012938575	GOLDF 1172TRLOPENH	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	NL0012889646	GOLDF 1176TRLOPENH	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0012889620	GOLDF 1181TRLOPENH	EUR	4,8600	4,8600	4,8600			4,8600					



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	NL0012891477	GOLDF 1185TRLOPENH	EUR	4,7000	4,8500	4,4300	4839,1500	6	4,5200	1019				
Certificate	NL0013083223	GOLDF 1194TL OPENH	EUR	5,3800	5,3800	5,3800			5,3800					
Certificate	NL0013082464	GOLDF 1194TRLOPENH	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	NL0013082977	GOLDF 1200TRLOPENH	EUR	3,2000	3,2000	3,0300	1916,5000	2	3,0300	600				
Certificate	NL0013087000	GOLDF 1205TRLOPENH	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	NL0013086994	GOLDF 1210TRLOPENH	EUR	2,4800	2,6700	2,2600	163858,2000	20	2,2900	64610				
Certificate	NL0012905533	GOLDF 1241TRSOPENH	EUR											
Certificate	NL0012935522	GOLDF 1241TS OPENH	EUR											
Certificate	NL0012905525	GOLDF 1243TRSOPENH	EUR											
Certificate	NL0012930564	GOLDF 1245TRSOPENH	EUR	1,3900	1,6400	1,3900	139,0000	1	1,6400	100				
Certificate	NL0012930952	GOLDF 1252TS OPENH	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	NL0012930044	GOLDF 1255TRSOPENH	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	NL0012930945	GOLDF 1262TS OPENH	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	NL0012930002	GOLDF 1265TRSOPENH	EUR	3,4000	3,4000	3,4000			3,4000					
Certificate	NL0012520282	GOLDF 1270TRSOPENH	EUR											
Certificate	NL0012925945	GOLDF 1272TS OPENH	EUR	5,7300	5,8400	5,7300	1146,0000	1	5,8400	200				
Certificate	NL0012924922	GOLDF 1275TRSOPENH	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	NL0012548630	GOLDF 1280TS OPENH	EUR											
Certificate	NL0012923809	GOLDF 1282TS OPENH	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	NL0012922868	GOLDF 1283TRSOPENH	EUR	4,9300	4,9300	4,9300			4,9300					
Certificate	NL0012919435	GOLDF 1288TRSOPENH	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	NL0011995030	GOLDF 1289TRSOPENH	EUR											
Certificate	NL0012922553	GOLDF 1292TS OPENH	EUR	7,6400	7,6400	7,6400			7,6400					
Certificate	NL0013086986	GOLDF 1293TRSOPENH	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	NL0011995576	GOLDF 1294TS OPENH	EUR											
Certificate	NL0012919401	GOLDF 1295TRSOPENH	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	NL0012918775	GOLDF 1302TS OPENH	EUR	8,5300	8,5300	8,5300			8,5300					
Certificate	NL0012551279	GOLDF 1304TRLOPENH	EUR											
Certificate	NL0012916472	GOLDF 1305TRSOPENH	EUR	6,9000	6,9000	6,9000			6,9000					
Certificate	NL0012556492	GOLDF 1309TL OPENH	EUR											
Certificate	NL0012861926	GOLDF 1317TS OPENH	EUR	9,8800	9,8800	9,8800			9,8800					
Certificate	NL0012863559	GOLDF 1318TRSOPENH	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	NL0012863542	GOLDF 1320TRSOPENH	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	NL0012863500	GOLDF 1330TRSOPENH	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	NL0012614333	GOLDF 1334TS OPENH	EUR	11,4700	11,4700	11,4700			11,4700					
Certificate	NL0012847826	GOLDF 1343TRSOPENH	EUR	10,1900	10,1900	10,1900			10,1900					
Certificate	NL0012614325	GOLDF 1344TS OPENH	EUR	12,3700	12,3700	12,3700			12,3700					
Certificate	NL0012613046	GOLDF 1345TRSOPENH	EUR	10,4100	10,4100	10,4100			10,4100					
Certificate	NL0012848428	GOLDF 1353TRSOPENH	EUR	11,0700	11,0700	11,0700			11,0700					
Certificate	NL0012614317	GOLDF 1354TS OPENH	EUR	13,2500	13,2500	13,2500			13,2500					
Certificate	NL0012864284	GOLDF 1358TRSOPENH	EUR	11,5200	11,5200	11,5200			11,5200					
Certificate	NL0012520274	GOLDF 1360TRSOPENH	EUR											
Certificate	NL0012848410	GOLDF 1363TRSOPENH	EUR	11,9400	11,9400	11,9400			11,9400					
Certificate	NL0012551451	GOLDF 1367TS OPENH	EUR	14,3900	14,3900	14,3900			14,3900					
Certificate	NL0012847776	GOLDF 1372TRSOPENH	EUR	12,8000	12,8000	12,8000			12,8000					
Certificate	NL0012614309	GOLDF 1374TS OPENH	EUR	15,0500	15,0500	15,0500			15,0500					
Certificate	NL0012848394	GOLDF 1375TRSOPENH	EUR	13,0300	13,0300	13,0300			13,0300					
Certificate	NL0011998273	GOLDF 1382TS OPENH	EUR	15,7600	15,7600	15,7600			15,7600					
Certificate	NL0012048706	GOLDF 1384TS OPENH	EUR	15,8800	15,8800	15,8800			15,8800					
Certificate	NL0012199921	GOLDF 1387TS OPENH	EUR	16,1400	16,1400	16,1400			16,1400					
Certificate	NL0012906499	GOLDF 1408TRSOPENH	EUR	15,9500	15,9500	15,9500			15,9500					
Certificate	NL0012548598	GOLDF 1417TS OPENH	EUR	18,8300	18,8300	18,8300			18,8300					
Certificate	NL0012906481	GOLDF 1418TRSOPENH	EUR	16,8300	16,8300	16,8300			16,8300					
Certificate	NL0013084015	GOLDF 1430TRSOPENH	EUR	17,8400	17,8400	17,8400			17,8400					
Certificate	NL0012906507	GOLDF 1448TRSOPENH	EUR	19,4700	19,4700	19,4700			19,4700					
Certificate	NL0012195416	GOLDF 1450TRSOPENH	EUR	19,5900	19,5900	19,5900			19,5900					
Certificate	NL0012368104	GOLDF 1464TS OPENH	EUR	23,0900	23,0900	23,0900			23,0900					
Certificate	NL0012095566	GOLDF 1464TS OPENH	EUR	23,0800	23,0800	23,0800			23,0800					
Certificate	NL0012847768	GOLDF 1470TRSOPENH	EUR	21,3500	21,3500	21,3500			21,3500					
Certificate	NL0012548580	GOLDF 1476TS OPENH	EUR	24,2000	24,2000	24,2000			24,2000					
Certificate	NL0012329296	GOLDF 1477TS OPENH	EUR	24,2400	24,2400	24,2400			24,2400					
Certificate	NL0012906473	GOLDF 1488TRSOPENH	EUR	22,9800	22,9800	22,9800			22,9800					
Certificate	NL0012549208	GOLDF 1496TS OPENH	EUR	25,9900	25,9900	25,9900			25,9900					
Certificate	NL0012313522	GOLDF 1497TS OPENH	EUR	26,0000	26,0000	26,0000			26,0000					
Certificate	NL0012906465	GOLDF 1498TRSOPENH	EUR	23,8500	23,8500	23,8500			23,8500					
Certificate	NL0011892609	GOLDF 1515TRSOPENH	EUR	25,3200	25,3200	25,3200			25,3200					
Certificate	NL0012432157	GOLDF 1522TS OPENH	EUR	28,2500	28,2500	28,2500			28,2500					
Certificate	NL0012211528	GOLDF 1528TS OPENH	EUR	28,8300	28,8300	28,8300			28,8300					
Certificate	NL0013084007	GOLDF 1530TRSOPENH	EUR	26,6200	26,6200	26,6200			26,6200					
Certificate	NL0012311179	GOLDF 1536TS OPENH	EUR	29,5400	29,5400	29,5400			29,5400					
Certificate	NL0012906457	GOLDF 1538TRSOPENH	EUR	27,3700	27,3700	27,3700			27,3700					
Certificate	NL0012847750	GOLDF 1540TRSOPENH	EUR	27,5000	27,5000	27,5000			27,5000					



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	NL0011891601	GOLDF 1547TS OPENH	EUR	30,5400	30,5400	30,5400			30,5400					
Certificate	NL0012519086	GOLDF 1566TS OPENH	EUR	32,2600	32,2600	32,2600			32,2600					
Certificate	NL0011894324	GOLDF 1567TS OPENH	EUR	32,3400	32,3400	32,3400			32,3400					
Certificate	NL0012437974	GOLDF 1586TS OPENH	EUR	34,0000	34,0000	34,0000			34,0000					
Certificate	NL0012437966	GOLDF 1596TS OPENH	EUR	34,8900	34,8900	34,8900			34,8900					
Certificate	NL0012565857	GOLDF 1606TS OPENH	EUR	35,8400	35,8400	35,8400			35,8400					
Certificate	NL0011896113	GOLDF 1609TS OPENH	EUR	36,0600	36,0600	36,0600			36,0600					
Certificate	NL0012847701	GOLDF 1640TRSOPENH	EUR	36,2800	36,2800	36,2800			36,2800					
Certificate	NL0012848378	GOLDF 1670TRSOPENH	EUR	38,9100	38,9100	38,9100			38,9100					
Certificate	NL0012847677	GOLDF 1699TRSOPENH	EUR	41,5400	41,5400	41,5400			41,5400					
Certificate	NL0012311161	GOLDF 1705TS OPENH	EUR	44,6800	44,6800	44,6800			44,6800					
Certificate	NL0012048698	GOLDF 1719TS OPENH	EUR	45,9800	45,9800	45,9800			45,9800					
Certificate	NL0011996210	GOLDF 1745TRSOPENH	EUR	45,5400	45,5400	45,5400			45,5400					
Certificate	NL0012330823	GOLDF 1818TRSOPENH	EUR	51,9400	51,9400	51,9400			51,9400					
Certificate	NL0011891668	GOLDF 1898TRSOPENH	EUR	58,9900	58,9900	58,9900			58,9900					
Certificate	NL0012848360	GOLDF 1948TRSOPENH	EUR	63,4100	63,4100	63,4100			63,4100					
Certificate	NL0012313514	GOLDF 1964TS OPENH	EUR	67,8700	67,8700	67,8700			67,8700					
Certificate	NL0012516694	GOLDF 1973TRSOPENH	EUR	65,5400	65,5400	65,5400			65,5400					
Certificate	NL0012432140	GOLDF 2029TS OPENH	EUR	73,7400	73,7400	73,7400			73,7400					
Certificate	NL0012437792	GOLDF 2090TS OPENH	EUR	79,2000	79,2000	79,2000			79,2000					
Certificate	NL0012439780	GOLDF 2153TS OPENH	EUR	84,8900	84,8900	84,8900			84,8900					
Certificate	NL0012906580	GOLDF 802.TRLOPENH	EUR	38,1200	38,1200	38,1200			38,1200					
Certificate	NL0012906630	GOLDF626.4TRLOPENH	EUR	53,5500	53,5500	53,5500			53,5500					
Certificate	NL0012906622	GOLDF651.4TRLOPENH	EUR	51,3500	51,3500	51,3500			51,3500					
Certificate	NL0012906614	GOLDF676.5TRLOPENH	EUR	49,1500	49,1500	49,1500			49,1500					
Certificate	NL0012906606	GOLDF701.7TRLOPENH	EUR	46,9400	46,9400	46,9400			46,9400					
Certificate	NL0012847909	GOLDF746.8TRLOPENH	EUR	42,9700	42,9700	42,9700			42,9700					
Certificate	NL0012057822	GOLDF805.4TL OPENH	EUR	38,8500	38,8500	38,8500			38,8500					
Certificate	NL0012906572	GOLDF827.1TRLOPENH	EUR	35,9200	35,9200	35,9200			35,9200					
Certificate	NL0012906564	GOLDF852.3TRLOPENH	EUR	33,7100	33,7100	33,7100			33,7100					
Certificate	NL0012896062	GOLDF887.3TL OPENH	EUR	31,8000	31,8000	31,8000			31,8000					
Certificate	NL0012906556	GOLDF892.3TRLOPENH	EUR	30,1900	30,1900	30,1900			30,1900					
Certificate	NL0012906549	GOLDF912.4TRLOPENH	EUR	28,4300	28,4300	28,4300			28,4300					
Certificate	NL0012906531	GOLDF922.4TRLOPENH	EUR	27,5500	27,5500	27,5500			27,5500					
Certificate	NL0012902654	GOLDF925.1TRLOPENH	EUR	27,3100	27,3100	27,3100			27,3100					
Certificate	NL0012906523	GOLDF942.6TRLOPENH	EUR	25,7700	25,7700	25,7700			25,7700					
Certificate	NL0011990619	GOLDF955.9TRLOPENH	EUR	24,6000	24,6000	24,6000			24,6000					
Certificate	NL0012906515	GOLDF972.6TRLOPENH	EUR	23,1300	23,1300	23,1300			23,1300					
Certificate	NL0012851133	GOLDF996.9TRLOPENH	EUR	21,0000	21,0000	21,0000			21,0000					
Certificate	NL0012847891	GOLDF997.2TRLOPENH	EUR	20,9700	20,9700	20,9700			20,9700					
Certificate	DE000CJ3N6J1	GOPRO 4.9TL 1218Z	EUR	1,2700	1,2700	0,7450	2160,0000	3	0,7450	2000				
Certificate	DE000CJ3N765	GOPRO 5.6TL 1218Z	EUR											
Certificate	DE000CJ3N6H5	GOPRO 4.55TL 1218Z	EUR	1,0200	1,0450	1,0200	102,0000	1	1,0450	100				
Certificate	DE000CV8ACU7	GOPRO 5.25TL 1218Z	EUR	0,4550	0,4550	0,4550			0,4550					
Certificate	DE000CJ3PV21	GOPRO 6.22TL OPENZ	EUR											
Certificate	DE000CV89U68	GOPRO4.094TL OPENZ	EUR	1,4450	1,4450	1,4450			1,4450					
Certificate	DE000CV8AHP6	GOPRO4.604TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	DE000CV89U76	GOPRO5.112TL OPENZ	EUR	0,6000	0,6000	0,5750	360,0000	1	0,5750	600				
Certificate	DE000CV89YE2	GOPRO5.616TL OPENZ	EUR											
Certificate	NL0000455905	GOUD CT OPENN	EUR	1077,0000	1078,5000	1077,0000			1078,5000					
Certificate	DE000CJ3PAL5	GRMN 45.31TL OPENZ	EUR	1,9950	1,9950	1,9950			1,9950					
Certificate	DE000CV8ASY5	GRMN 52.31TL OPENZ	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000CJ3PWJ3	GRMN 60.55TL OPENZ	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	NL0012988216	GRVNV 24.6TS OPENB	EUR	3,8350	3,8350	3,7550			3,7550					
Certificate	DE000CV89RM9	GRVNV11.43TL OPENZ	EUR	11,4900	11,4900	11,4900			11,4900					
Certificate	DE000CV4ZUQ3	GRVNV13.47TL OPENZ	EUR	9,4500	9,4500	9,4500			9,4500					
Certificate	DE000CV4ZQ87	GRVNV14.48TL OPENZ	EUR	8,4450	8,4450	8,4450			8,4450					
Certificate	NL0012682777	GRVNV15.04TL OPENB	EUR	8,8550	8,8750	8,8550			8,8750					
Certificate	DE000CD63RB5	GRVNV15.49TL OPENZ	EUR	7,4350	7,4350	7,4350			7,4350					
Certificate	NL0010933560	GRVNV16.07TL OPENB	EUR	7,8950	7,9150	7,8950			7,9150					
Certificate	DE000CD63G35	GRVNV16.49TL OPENZ	EUR	6,4450	6,4450	6,4450			6,4450					
Certificate	NL0012998884	GRVNV17.04BL OPENB	EUR	0,6150	0,6150	0,6150			0,6150					
Certificate	NL0012034094	GRVNV17.15TL OPENB	EUR	6,8850	6,9050	6,8450	513,7500	1	6,9050	75				
Certificate	DE000CD63DQ3	GRVNV17.49TL OPENZ	EUR	5,4200	5,4200	5,4200			5,4200					
Certificate	NL0012977557	GRVNV18.03BL OPENB	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	NL0012785844	GRVNV18.16TL OPENB	EUR	5,9550	5,9750	5,9550			5,9750					
Certificate	DE000CV89VH1	GRVNV18.48TL OPENZ	EUR	4,4550	4,4550	4,4550			4,4550					
Certificate	NL0012977565	GRVNV19.04BL OPENB	EUR	0,4150	0,4150	0,4150			0,4150					
Certificate	NL0012983340	GRVNV19.16TL OPENB	EUR	5,0250	5,0450	5,0250			5,0450					
Certificate	DE000CJ3NPV7	GRVNV19.47TL OPENZ	EUR	3,4550	3,4550	3,4550			3,4550					
Certificate	NL0013012016	GRVNV20.05BL OPENB	EUR	0,3150	0,3150	0,3150			0,3150					
Certificate	NL0013145907	GRVNV20.16TL OPENB	EUR	4,0950	4,1150	4,0950			4,1150					



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	DE000CJ3PU06	GRVNV20.97TL OPENZ	EUR											
Certificate	DE000CJ3PVM9	GRVNV20.97TL OPENZ	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	NL0013146442	GRVNV21.06BL OPENB	EUR	0,2150	0,2150	0,2150			0,2150					
Certificate	NL0012996490	GRVNV21.61TS OPENB	EUR											
Certificate	NL0012977805	GRVNV21.82BS OPENB	EUR											
Certificate	NL0012786313	GRVNV23.07TS OPENB	EUR	2,1950	2,1950	2,1150			2,1150					
Certificate	DE000CE6E4W8	GRVNV23.64TS OPENZ	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	NL0012982839	GRVNV23.79BS OPENB	EUR	0,1450	0,1450	0,1350			0,1350					
Certificate	NL0013146632	GRVNV25.79BS OPENB	EUR	0,3450	0,3450	0,3350			0,3350					
Certificate	DE000CN6FG88	GRVNV26.13TS OPENZ	EUR	3,3950	3,3950	3,3950			3,3950					
Certificate	DE000CJ3PU14	GRVNV28.63TS OPENZ	EUR	5,8900	5,8900	5,8900			5,8900					
Certificate	NL0010135000	GS 113TL OPENB	EUR	10,7700	10,7700	10,7700			10,7700					
Certificate	XS1219743553	GSCI STN0419B	EUR	75,3500	75,3500	75,3500			75,3500					
Certificate	DE000CJ3NLH5	GVCHD6.976TL OPENZ	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	DE000CV8A3N5	GVCHD7.984TL OPENZ	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	DE000CV8AX34	GWPH 108.4TL OPENZ	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CV8AX42	GWPH 129.9TL OPENZ	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000CJ3PSE2	GWPH 93.38TL OPENZ	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	NL0012938302	HEIDL 72TS OPENH	EUR	1,6000	1,6700	1,6000			1,6700					
Certificate	NL0011990346	HEIDL 103.TS OPENH	EUR	4,9300	5,0100	4,9300			5,0100					
Certificate	NL0011989876	HEIDL104.9TS OPENH	EUR	5,1300	5,2100	5,1300			5,2100					
Certificate	NL0012541650	HEIDL115.4TS OPENH	EUR	6,2600	6,3400	6,2600			6,3400					
Certificate	NL0011225545	HEIDL35.79TL OPENH	EUR	2,8000	2,8000	2,7400			2,7400					
Certificate	DE000CJ3N476	HEIDL40.68TL OPENZ	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000CN6ERD7	HEIDL49.74TL OPENZ	EUR	1,1100	1,1300	1,1100			1,1300					
Certificate	NL0011225529	HEIDL52.76TL OPENH	EUR	1,2200	1,2700	1,1600	403,7500	2	1,1600	325				
Certificate	NL0013125644	HEIDL58.08TS OPENH	EUR											
Certificate	NL0013128432	HEIDL58.09TL OPENH	EUR	0,7200	0,7200	0,6600			0,6600					
Certificate	NL0013127434	HEIDL60.08TS OPENH	EUR											
Certificate	NL0013081680	HEIDL63.98TS OPENH	EUR	0,7400	0,8100	0,7400			0,8100					
Certificate	NL0012905137	HEIDL70.12TS OPENH	EUR	1,4000	1,4700	1,4000			1,4700					
Certificate	NL0012920896	HEIDL73.63TS OPENH	EUR	1,7800	1,8500	1,7800			1,8500					
Certificate	NL0012919757	HEIDL75.59TS OPENH	EUR	1,9900	2,0600	1,9900			2,0600					
Certificate	NL0012917165	HEIDL77.56TS OPENH	EUR	2,2000	2,2700	2,2000			2,2700					
Certificate	NL0012911945	HEIDL79.49TS OPENH	EUR	2,4100	2,4800	2,4100			2,4800					
Certificate	NL0012861280	HEIDL81.17TS OPENH	EUR	2,5900	2,6600	2,5900			2,6600					
Certificate	NL0011992573	HEIDL83.68TL OPENH	EUR											
Certificate	NL0012580914	HEIDL84.41TS OPENH	EUR	2,9300	3,0100	2,9300			3,0100					
Certificate	NL0012582225	HEIDL86.39TS OPENH	EUR	3,1500	3,2200	3,1500			3,2200					
Certificate	NL0012565246	HEIDL88.27TS OPENH	EUR	3,3500	3,4200	3,3500			3,4200					
Certificate	NL0012561674	HEIDL90.14TS OPENH	EUR	3,5500	3,6300	3,5500			3,6300					
Certificate	NL0012312896	HEIDL93.88TS OPENH	EUR	3,9500	4,0300	3,9500			4,0300					
Certificate	NL0012246367	HEIDL98.61TS OPENH	EUR	4,4600	4,5400	4,4600			4,5400					
Certificate	NL0011993852	HEIDL99.37TS OPENH	EUR	4,5400	4,6200	4,5400			4,6200					
Certificate	NL0012245559	HEIDL99.39TS OPENH	EUR	4,5500	4,6200	4,5500			4,6200					
Certificate	NL0012102735	HEIJM 6.1TL OPENB	EUR	4,0650	4,1050	4,0650	97,9200	1	4,0950	24				
Certificate	NL0012033849	HEIJM 3.51TL OPENB	EUR	6,3150	6,3450	6,3150			6,3450					
Certificate	NL0010124293	HEIJM 4.02TL OPENB	EUR	5,8650	5,8650	5,8650			5,8650					
Certificate	NL0012034102	HEIJM 4.55TL OPENB	EUR	5,4150	5,4450	5,4150			5,4450					
Certificate	NL0012035893	HEIJM 5.06TL OPENB	EUR	4,9650	4,9950	4,9650			4,9950					
Certificate	NL0012102404	HEIJM 5.58TL OPENB	EUR	4,5050	4,5350	4,5050			4,5350					
Certificate	NL0012257836	HEIJM 6.61TL OPENB	EUR	3,6150	3,6450	3,6150			3,6450					
Certificate	NL0012488993	HEIJM 7.11TL OPENB	EUR	3,1750	3,2050	3,1300	313,0000	1	3,2050	100				
Certificate	NL0012504518	HEIJM 7.36TL OPENB	EUR	2,9550	2,9850	2,9550			2,9850					
Certificate	NL0012489223	HEIJM 7.62TL OPENB	EUR	2,7350	2,7650	2,7350			2,7650					
Certificate	NL0012489470	HEIJM 8.14TL OPENB	EUR	2,2950	2,3400	2,2800	3237,0000	3	2,3250	1400				
Certificate	NL0013145915	HEIJM 8.64TL OPENB	EUR	1,8450	1,8750	1,8450			1,8750					
Certificate	NL0013016074	HEIJM 8.97TS OPENB	EUR											
Certificate	NL0013145923	HEIJM 9.14TL OPENB	EUR	1,4150	1,4450	1,4150			1,4450					
Certificate	NL0013014541	HEIJM 9.47TS OPENB	EUR											
Certificate	NL0013012974	HEIJM 9.97TS OPENB	EUR											
Certificate	NL0013012982	HEIJM10.47TS OPENB	EUR	2,9950	2,9950	2,9650			2,9650					
Certificate	NL0013011851	HEIJM10.97TS OPENB	EUR	3,5850	3,5850	3,5550			3,5550					
Certificate	NL0013011869	HEIJM11.47TS OPENB	EUR	4,1750	4,1750	4,1450			4,1450					
Certificate	NL0013010127	HEIJM11.97TS OPENB	EUR	4,7750	4,7750	4,7450			4,7450					
Certificate	NL0013005929	HEIJM12.47TS OPENB	EUR	5,3550	5,3550	5,3250			5,3250					
Certificate	NL0013001944	HEIJM12.96TS OPENB	EUR	5,9350	5,9350	5,9050			5,9050					
Certificate	NL0012791909	HEIJM13.45TS OPENB	EUR	6,5050	6,5050	6,4750			6,4750					
Certificate	NL0012993539	HEIJM13.97TS OPENB	EUR	7,1150	7,1150	7,0850			7,0850					
Certificate	DE000CX59UA7	HEINK 50TL OPENC	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	NL0011042163	HEINK 53TL OPENH	EUR	31,0000	31,0000	30,1500			30,1500					
Certificate	DE000CC60NZ1	HEINK 58TL OPENC	EUR	26,8900	26,8900	26,8900			26,8900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CX000X2	HEINK 60TL OPENC	EUR	2,1500	2,1500	2,1500			2,1500					
Certificate	DE000CW42PP3	HEINK 60TL OPENC	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000CC60P04	HEINK 60TL OPENC	EUR	24,9000	24,9000	24,9000			24,9000					
Certificate	DE000CC60C41	HEINK 60TL OPENC	EUR	21,8200	21,8200	21,8200			21,8200					
Certificate	DE000CC60C58	HEINK 62TL OPENC	EUR	19,7200	19,7200	19,7200			19,7200					
Certificate	DE000CV889B6	HEINK 64TL 1218Z	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	NL0011425525	HEINK 64TL OPENB	EUR	20,6700	20,6700	19,9700			19,9700					
Certificate	DE000CC8ATM1	HEINK 64TL OPENC	EUR	17,8300	17,8300	17,8300			17,8300					
Certificate	DE000CX00336	HEINK 65TL OPENC	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000CX0K1H3	HEINK 65TL OPENC	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	DE000CP06TY6	HEINK 65TL OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CC8AE29	HEINK 65TL OPENC	EUR	16,6800	16,6800	16,6800			16,6800					
Certificate	DE000CV8BA14	HEINK 69TL 1218Z	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	DE000CY0AYM2	HEINK 70TL OPENC	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CY0AZC0	HEINK 70TL OPENC	EUR	1,4800	1,4800	1,4500	2960,0000	1	1,4500	2000				
Certificate	DE000CP06ZU1	HEINK 70TL OPENC	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000CP06WP8	HEINK 70TL OPENC	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CP06ZV9	HEINK 72TL OPENC	EUR	1,1400	1,1400	1,1400			1,1400					
Certificate	DE000CP06WQ6	HEINK 72TL OPENC	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	DE000CV8ABA1	HEINK 74TL 1218Z	EUR	1,3000	1,3000	1,1500	325,0000	1	1,1500	250				
Certificate	DE000CY50X34	HEINK 75TL OPENC	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CY16FR0	HEINK 75TL OPENC	EUR	1,0100	1,0100	0,9700	350,5000	2	0,9700	350				
Certificate	DE000CY16AP5	HEINK 75TL OPENC	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CY50UQ0	HEINK 75TL OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CQ5BZ00	HEINK 76TL OPENC	EUR	0,3900	0,3900	0,3900			0,3900					
Certificate	DE000CX59PQ3	HEINK 80TS OPENC	EUR											
Certificate	DE000CP06WS2	HEINK 82TS OPENC	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CP067V5	HEINK 85TS OPENC	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CP06792	HEINK 85TS OPENC	EUR	0,6000	0,6000	0,6000			0,6000					
Certificate	DE000CQ5BZ18	HEINK 86TS OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	LU1817099010	HEINK 89TPIOPENS	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	DE000CQ5BV12	HEINK 90TS OPENC	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	DE000CP060F3	HEINK 90TS OPENC	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0012987275	HEINK 92B0C0619B	EUR	83,3000	83,3000	82,5500			82,5500					
Certificate	NL0012649016	HEINK 92B0C1218Z	EUR	89,0350	89,0350	89,0350			89,0350					
Certificate	NL0012494587	HEINK 99B0C1218B	EUR	80,0000	80,0000	79,2500			79,2500					
Certificate	DE000CP060G1	HEINK 100TS OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CQ5B2L3	HEINK 100TS OPENC	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	DE000CY50S25	HEINK 100TS OPENC	EUR	2,2300	2,2300	2,2300			2,2300					
Certificate	DE000CY52483	HEINK 100TS OPENC	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CY16JD2	HEINK 100TS OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	DE000CY16HZ9	HEINK 100TS OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0012604698	HEINK 105TS OPENH	EUR	33,4200	34,2200	33,4200			34,2200					
Certificate	DE000CY50NU7	HEINK 110TS OPENC	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	DE000CQ5B2M1	HEINK 110TS OPENC	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	DE000CY50X42	HEINK 110TS OPENC	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000CQ5AWP8	HEINK 110TS OPENC	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	NL0011042197	HEINK 27.4TL OPENH	EUR	54,7600	54,7600	53,9100			53,9100					
Certificate	NL0011042189	HEINK 35.9TL OPENH	EUR	46,8500	46,8500	46,0000			46,0000					
Certificate	NL0010176335	HEINK 37.1TL OPENB	EUR	45,0100	45,0100	45,0100			45,0100					
Certificate	NL0010657144	HEINK 42.4TL OPENB	EUR	40,0500	40,0500	40,0500			40,0500					
Certificate	NL0011042171	HEINK 44.4TL OPENH	EUR	38,9300	38,9300	38,0800			38,0800					
Certificate	NL0010887451	HEINK 47.7TL OPENB	EUR	35,8400	35,8400	35,1400			35,1400					
Certificate	NL0011042155	HEINK 57.2TL OPENH	EUR	27,0500	27,0500	26,2000			26,2000					
Certificate	NL0010921391	HEINK 57.6TL OPENB	EUR	26,5800	26,5800	25,8800			25,8800					
Certificate	DE000CR1JCA1	HEINK 58.6TL OPENZ	EUR	22,2300	22,2300	20,8800			20,8800					
Certificate	NL0011042148	HEINK 61.5TL OPENH	EUR	23,0900	23,0900	22,2400			22,2400					
Certificate	NL0010928503	HEINK 61.9TL OPENB	EUR	22,6300	22,6300	21,9300			21,9300					
Certificate	NL0012048524	HEINK 65.6TL OPENH	EUR	19,2000	19,2000	18,3600			18,3600					
Certificate	NL0012094064	HEINK 69.2TL OPENH	EUR	15,9300	15,9300	15,0900			15,0900					
Certificate	NL0012489975	HEINK 69.3TL OPENB	EUR	15,6800	15,6800	14,9800			14,9800					
Certificate	NL0012171946	HEINK 71.2TL OPENH	EUR	14,0600	14,0600	13,2200			13,2200					
Certificate	NL0011996079	HEINK 71.6TS OPENH	EUR											
Certificate	NL0012111355	HEINK 72.3TL OPENB	EUR	12,8800	12,9200	12,1800	69960,0000	3	12,1800	5500				
Certificate	NL0012175319	HEINK 73.2TL OPENH	EUR	12,1600	12,1600	11,3300			11,3300					
Certificate	DE000VAD3E7	HEINK 73.6TL OPENV	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	NL0013009681	HEINK 73.8TL OPENB	EUR	11,5600	11,5600	10,7300	5390,0000	1	10,8600	500				
Certificate	NL0013012800	HEINK 75.3TL OPENB	EUR	10,0900	10,0900	9,3900			9,3900					
Certificate	NL0012202949	HEINK 75.3TL OPENH	EUR	10,2300	10,2300	9,3900			9,3900					
Certificate	NL0013019086	HEINK 76.8TL OPENB	EUR	8,7300	8,7300	8,0300			8,0300					
Certificate	DE000VA80KH7	HEINK 76.8TL OPENV	EUR											
Certificate	DE000VA80KK1	HEINK 77.8TL 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	NL0013128440	HEINK 78.5TL OPENH	EUR	7,2800	7,2800	6,4500			6,4500					
Certificate	NL0013018146	HEINK 79.2TS OPENB	EUR											
Certificate	NL0013004260	HEINK 82.2TS OPENB	EUR	8,6600	9,3600	8,6600				9,3600				
Certificate	NL0012899975	HEINK 82.8TS OPENH	EUR	9,4300	10,2300	9,4300				10,2300				
Certificate	NL0012958864	HEINK 85.1TS OPENB	EUR	11,8400	12,5400	11,8400				12,5400				
Certificate	NL0012989131	HEINK 88.1TS OPENB	EUR	15,0300	15,8900	15,0300	1430,1000	1		15,7300	90			
Certificate	NL0012936652	HEINK 88.4TS OPENH	EUR	15,5600	16,3700	15,5600				16,3700				
Certificate	NL0012985824	HEINK 89.8BS OPENB	EUR	10,1300	10,8300	10,1300				10,8300				
Certificate	NL0012933618	HEINK 92.2TS OPENH	EUR	19,6400	20,4400	19,6400				20,4400				
Certificate	NL0011728753	HEINK 93.9TS OPENH	EUR	21,5200	22,3200	21,5200				22,3200				
Certificate	LU1790554817	HEINK 94.6TPIOPENS	EUR	14,2900	14,2900	14,2900				14,2900				
Certificate	NL0011241187	HEINK 94.7TS OPENH	EUR	22,3800	23,1900	22,3800				23,1900				
Certificate	NL0012275671	HEINK 96.9TS OPENB	EUR	24,5900	25,2900	24,5900				25,2900				
Certificate	NL0012889083	HEINK 98.5TS OPENH	EUR	26,3900	27,1900	26,3900				27,1900				
Certificate	NL0012971931	HEINK 99.9TS OPENB	EUR	27,7900	28,4900	27,7900				28,4900				
Certificate	NL0012931216	HEINK100.1TS OPENH	EUR	28,1700	28,9700	28,1700				28,9700				
Certificate	NL0012246375	HEINK105.5TS OPENH	EUR	34,0200	34,8100	34,0200				34,8100				
Certificate	DE000CV875K5	HEINK106.2TS OPENZ	EUR	5,4000	5,4000	5,4000				5,4000				
Certificate	DE000CF80AP0	HEINK48.16TL OPENC	EUR											
Certificate	DE000CD63X18	HEINK53.54TL OPENZ	EUR	27,3000	27,3000	25,9500	6420,0000	1		25,9500	240			
Certificate	LU1841030361	HEINK60.34TCIOPENS	EUR	19,5000	19,5000	19,5000				19,5000				
Certificate	DE000CR4JJ35	HEINK62.03TL OPENZ	EUR	18,8150	18,8150	17,4650				17,4650				
Certificate	DE000CR6Y955	HEINK62.93TL OPENZ	EUR	17,9300	17,9300	16,5900				16,5900				
Certificate	NL0011539267	HEINK65.53BL OPENB	EUR	15,1000	15,1000	14,4000				14,4000				
Certificate	DE000CR6XCW5	HEINK65.99TL OPENZ	EUR	14,8700	14,8700	13,5300				13,5300				
Certificate	DE000VA7TEH4	HEINK66.74TL OPENV	EUR	1,2800	1,2800	1,2800				1,2800				
Certificate	NL0011532023	HEINK67.69BL OPENB	EUR	12,9600	12,9600	12,2600				12,2600				
Certificate	LU1493003252	HEINK68.14TCIOPENS	EUR	11,5500	11,5500	11,5500				11,5500				
Certificate	DE000VA7PV26	HEINK68.72TL OPENV	EUR	1,0800	1,0800	1,0800				1,0800				
Certificate	NL0012109375	HEINK69.78BL OPENB	EUR	10,8700	10,8700	10,1700				10,1700				
Certificate	DE000VAGEFN3	HEINK70.67TL OPENV	EUR	0,8800	0,8800	0,8800				0,8800				
Certificate	LU1840980673	HEINK70.88TCIOPENS	EUR	8,9700	8,9700	8,9700				8,9700				
Certificate	DE000CE6BG24	HEINK70.95TL OPENZ	EUR	1,9850	1,9850	1,7200				1,7200				
Certificate	DE000VAGEFR4	HEINK71.67TL OPENV	EUR	0,7800	0,7800	0,7800				0,7800				
Certificate	NL0013010556	HEINK71.95BL OPENB	EUR	8,7000	8,7000	8,0000				8,0000				
Certificate	LU1840912916	HEINK73.02TCIOPENS	EUR	6,8300	6,8300	6,8300				6,8300				
Certificate	NL0012111611	HEINK73.96BL OPENB	EUR	6,6900	6,6900	5,9900	12140,2000	2		5,9900	2020			
Certificate	DE000VA7PSH2	HEINK74.72TL OPENV	EUR	0,4800	0,4800	0,4800				0,4800				
Certificate	DE000VA71273	HEINK75.76TL OPENV	EUR	0,3900	0,3900	0,3900				0,3900				
Certificate	NL0013013808	HEINK75.96BL OPENB	EUR	4,6900	4,6900	3,7900	4209,0000	3		3,9900	1100			
Certificate	LU1859906999	HEINK76.21TCIOPENS	EUR	3,7600	3,7600	3,7600				3,7600				
Certificate	LU1841152983	HEINK77.03TCIOPENS	EUR											
Certificate	LU1841029272	HEINK77.94TPIOPENS	EUR											
Certificate	DE000VA8FZK0	HEINK79.54TS OPENV	EUR											
Certificate	DE000VA7TC82	HEINK80.62TS OPENV	EUR											
Certificate	NL0013007008	HEINK80.84BS OPENB	EUR	1,1700	1,8700	1,1700				1,8700				
Certificate	LU1840912080	HEINK81.37TPIOPENS	EUR	2,2900	2,2900	2,2900				2,2900				
Certificate	DE000VA7PXU5	HEINK81.62TS OPENV	EUR	0,2600	0,2600	0,2600				0,2600				
Certificate	DE000VAGECD1	HEINK83.74TS OPENV	EUR	0,4200	0,4500	0,4200	420,0000	1		0,4400	1000			
Certificate	NL0012996912	HEINK83.83BS OPENB	EUR	4,1600	4,8600	4,1600				4,8600				
Certificate	LU1817217406	HEINK85.48TPIOPENS	EUR	6,1500	6,1500	6,1500				6,1500				
Certificate	DE000VAGD690	HEINK85.77TS OPENV	EUR	0,6400	0,6400	0,6400				0,6400				
Certificate	DE000CJ3N252	HEINK86.28TS OPENZ	EUR	1,1700	1,4400	1,1700	73,3400	8		1,4300	57			
Certificate	NL0012994875	HEINK86.81BS OPENB	EUR	7,1400	7,8400	7,1400				7,8400				
Certificate	DE000VASRQX3	HEINK87.81TS OPENV	EUR	0,8400	0,8400	0,8400				0,8400				
Certificate	DE000VASRQY1	HEINK89.81TS OPENV	EUR	1,0400	1,0400	1,0400				1,0400				
Certificate	DE000VASRQZ8	HEINK91.81TS OPENV	EUR	1,2400	1,2400	1,2400				1,2400				
Certificate	NL0012490163	HEINK92.18BS OPENB	EUR	12,5100	13,2100	12,5100				13,2100				
Certificate	DE000VASRQ07	HEINK93.81TS OPENV	EUR	1,4400	1,4400	1,4400				1,4400				
Certificate	DE000VASRQ15	HEINK95.81TS OPENV	EUR	1,6400	1,6400	1,6400				1,6400				
Certificate	DE000CE6D4Q1	HEINK96.23TS OPENZ	EUR	3,4100	3,4100	3,4100				3,4100				
Certificate	DE000VASRQ23	HEINK97.81TS OPENV	EUR	1,8400	1,8400	1,8400				1,8400				
Certificate	NL0011721337	HENKE 89TL OPENH	EUR	1,3500	1,3500	1,3400				1,3400				
Certificate	NL0011714027	HENKE 92TL OPENH	EUR	1,0800	1,0800	1,0700				1,0700				
Certificate	NL0011721345	HENKE 84.8TL OPENH	EUR	1,7400	1,7400	1,7300				1,7300				
Certificate	DE000CR9P6H0	HENKE 86.4TL OPENZ	EUR	1,0650	1,0650	1,0300				1,0300				
Certificate	NL0013128457	HENKE 94.5TL OPENH	EUR	0,8400	0,8400	0,8400				0,8400				
Certificate	NL0013082605	HENKE100.2TS OPENH	EUR	1,1300	1,1500	1,1300				1,1500				
Certificate	NL0012905145	HENKE104.7TS OPENH	EUR	1,6100	1,6300	1,6100				1,6300				
Certificate	NL0012888697	HENKE114.6TS OPENH	EUR	2,6700	2,6900	2,6700				2,6900				
Certificate	NL0012565261	HENKE116.3TS OPENH	EUR	2,8600	2,8800	2,8600				2,8800				
Certificate	NL0012333819	HENKE124.2TS OPENH	EUR	3,7000	3,7200	3,7000				3,7200				



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	NL0011225552	HENKE127.2TS OPENH	EUR	4,0200	4,0400	4,0200			4,0400					
Certificate	NL0012210108	HENKE151.2TS OPENH	EUR	6,6100	6,6300	6,6100			6,6300					
Certificate	DE000CJ3NUE3	HENKE67.42TL OPENZ	EUR	2,9200	2,9200	2,9200				2,9200				
Certificate	DE000CR9RQT7	HENKE77.43TL OPENZ	EUR	1,9550	1,9550	1,9200				1,9200				
Certificate	DE000CV893G7	HERMS466.9TL OPENZ	EUR	2,9550	2,9550	2,9550				2,9550				
Certificate	DE000CJ3N3M2	HFSH 7.25TL OPENZ	EUR	0,8000	0,8000	0,8000				0,8000				
Certificate	DE000CV4YZR3	HFSH 8.25TL OPENZ	EUR	0,6200	0,6200	0,6200				0,6200				
Certificate	DE000CV4VRD0	HFSH 9.11TL OPENZ	EUR	2,3250	2,3250	2,3250				2,3250				
Certificate	DE000CJ3PRY2	HLAN 95TL OPENZ	EUR	2,6450	2,6450	2,6450				2,6450				
Certificate	DE000CJ3PB41	HLAN 105TL OPENZ	EUR	2,1550	2,1550	2,1550				2,1550				
Certificate	DE000CJ3PB58	HLAN 120TL OPENZ	EUR	1,4450	1,4450	1,4450				1,4450				
Certificate	DE000CJ3PB66	HLAN 135TL OPENZ	EUR	0,7250	0,7250	0,7250				0,7250				
Certificate	NL0013015357	HLAN 119.4TL OPENB	EUR	3,5500	3,5500	3,4700				3,4700				
Certificate	NL0013005713	HLAN 126.9TL OPENB	EUR	2,8600	2,8600	2,7800				2,7800				
Certificate	NL0013005721	HLAN 134.4TL OPENB	EUR	2,1800	2,1800	2,1000				2,1000				
Certificate	NL0013005762	HLAN 150.5TS OPENB	EUR	2,3500	2,4100	2,3500				2,4100				
Certificate	NL0013005770	HLAN 165.5TS OPENB	EUR	4,0100	4,0700	4,0100				4,0700				
Certificate	DE000CV887N5	HMB 116.TL OPENZ	EUR	0,8450	0,8450	0,8450				0,8450				
Certificate	DE000CJ3NJ82	HMB 126.TL OPENZ	EUR	0,6550	0,6550	0,6550				0,6550				
Certificate	DE000CJ3NS02	HMB 141.TL OPENZ	EUR	0,3650	0,3650	0,3650				0,3650				
Certificate	DE000CV4ZTT9	HMB 106.1TL OPENZ	EUR	1,0350	1,0350	1,0350				1,0350				
Certificate	DE000CJ3NY38	HMB 155.9TL OPENZ	EUR											
Certificate	DE000CV87TK3	HMB 85.96TL OPENZ	EUR	1,4250	1,4250	1,4250				1,4250				
Certificate	DE000CV880X9	HMB 96.11TL OPENZ	EUR	1,2250	1,2250	1,2250				1,2250				
Certificate	NL0011525654	HOMED106.4TL OPENB	EUR	6,9500	6,9500	6,9500				6,9500				
Certificate	DE000CD62361	HSBC 4.095TL OPENZ	EUR	2,7050	2,7050	2,7050				2,7050				
Certificate	DE000CD62LF1	HSBC 4.771TL OPENZ	EUR	1,9350	1,9350	1,9350				1,9350				
Certificate	DE000CD641B3	HSBC 5.778TL OPENZ	EUR	0,7950	0,7950	0,7950				0,7950				
Certificate	NL0000456457	HSCEI PI OPENN	EUR	118,2000	118,2000	118,2000				118,2000				
Certificate	NL0011218367	HSCEI STN1019V	EUR	103,9500	103,9500	103,9500				103,9500				
Certificate	NL0000450922	HSCEI 1360TL OPENB	EUR	10,3000	10,3000	10,3000				10,3000				
Certificate	NL0006473597	HSCEI 2050TL OPENB	EUR	9,7300	9,7300	9,7300				9,7300				
Certificate	NL0006518359	HSCEI 3590TL OPENB	EUR	8,1400	8,1400	8,1400				8,1400				
Certificate	NL0009067479	HSCEI 4500TL OPENB	EUR	7,1900	7,1900	7,1900				7,1900				
Certificate	NL0009069947	HSCEI 5510TL OPENB	EUR	6,1300	6,1300	6,1300				6,1300				
Certificate	NL0009995448	HSCEI 6530TL OPENB	EUR	5,0800	5,0800	5,0800				5,0800				
Certificate	NL0012277933	HSCEI 8690TL OPENB	EUR	2,7300	2,8200	2,7300	10920,0000	2	2,8200	4000				
Certificate	NL0012277958	HSCEI 9730TL OPENB	EUR	1,8800	1,8800	1,7300	2820,0000	1	1,7300	1500				
Certificate	NL0012976286	HSCEI11470TS OPENB	EUR	2,1400	2,1400	2,1400				2,1400				
Certificate	NL0012976294	HSCEI11970TS OPENB	EUR	2,7500	2,7500	2,7500				2,7500				
Certificate	NL0012976302	HSCEI12470TS OPENB	EUR	3,3600	3,3600	3,3600				3,3600				
Certificate	NL0011252796	HSCEI13950TS OPENB	EUR	5,1600	5,1600	5,1600				5,1600				
Certificate	DE0005718605	HSI PI OPENN	EUR	295,5400	295,5400	295,5400				295,5400				
Certificate	NL0006467334	HSI 3560TL OPENB	EUR	25,6050	25,6050	25,6050				25,6050				
Certificate	NL0009172667	HSI 6300TL OPENB	EUR	22,7050	22,7050	22,7050				22,7050				
Certificate	NL0009172675	HSI 9930TL OPENB	EUR	18,8550	18,8550	18,8550				18,8550				
Certificate	NL0010609160	HSI 15260TL OPENB	EUR	13,1750	13,1750	13,1750				13,1750				
Certificate	NL0012277990	HSI 18300TL OPENB	EUR	9,9400	9,9400	9,9400				9,9400				
Certificate	NL0012278006	HSI 21420TL OPENB	EUR	7,0200	7,1000	6,6300	25989,7000	4	6,6300	3690				
Certificate	NL0012278014	HSI 23490TL OPENB	EUR	4,4300	4,4300	4,4300				4,4300				
Certificate	NL0012278022	HSI 24530TL OPENB	EUR	3,3300	3,3300	3,3300				3,3300				
Certificate	NL0012976328	HSI 29070TS OPENB	EUR	5,3700	5,3700	5,3700				5,3700				
Certificate	NL0012976336	HSI 31060TS OPENB	EUR	7,7500	7,7500	7,7500				7,7500				
Certificate	DE000CJ3PHU1	HUGO 39.06TL OPENZ	EUR	2,5400	2,5400	2,5400				2,5400				
Certificate	DE000CE6DQL5	HUGO 49.09TL OPENZ	EUR	1,5400	1,5400	1,5400				1,5400				
Certificate	DE000CE6CCZ7	HUGO 55.07TL OPENZ	EUR	0,9500	0,9500	0,9500				0,9500				
Certificate	NL0000458172	IABBP PI OPENN	EUR	95,9500	99,4000	95,9500				99,4000				
Certificate	NL0000847689	IAEET PI OPENN	EUR	1,3600	1,4000	1,3600				1,4000				
Certificate	NL0006303281	IAVIT PI OPENN	EUR	18,7200	18,7200	18,6900				18,6900				
Certificate	NL0000290195	IAWUT PI OPENN	EUR	32,2800	32,9100	32,2800				32,9100				
Certificate	DE000CJ3PUL3	IBAB 8.36TL OPENZ	EUR	0,8950	0,8950	0,8950				0,8950				
Certificate	DE000CJ3N633	IBAB 9.36TL OPENZ	EUR	0,8050	0,8050	0,8050				0,8050				
Certificate	DE000CV4ZCG2	IBAB 10.36TL OPENZ	EUR	0,7500	0,7500	0,7150	1949,2500	2	0,7150	2599				
Certificate	DE000CJ3NLR4	IBAB 11.47TL OPENZ	EUR	0,6050	0,6050	0,6050				0,6050				
Certificate	NL0013015894	IBAB 11.52TL OPENB	EUR	0,7300	0,7300	0,6700				0,6700				
Certificate	NL0013009707	IBAB 12.53TL OPENB	EUR	0,6400	0,6400	0,5800				0,5800				
Certificate	DE000CV4ZCE7	IBAB 12.55TL OPENZ	EUR	0,5050	0,5050	0,5050				0,5050				
Certificate	NL0013005812	IBAB 13.53TL OPENB	EUR	0,5500	0,5500	0,4900				0,4900				
Certificate	DE000CJ3PV96	IBAB 13.59TL OPENZ	EUR	0,4050	0,4050	0,4050				0,4050				
Certificate	DE000CV4ZCD9	IBAB 13.64TL OPENZ	EUR											
Certificate	DE000CJ3PWA2	IBAB 14.59TL OPENZ	EUR	0,3150	0,3150	0,3150				0,3150				
Certificate	DE000CJ3PW80	IBAB 15.59TL OPENZ	EUR	0,2150	0,2150	0,2150				0,2150				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013015670	IBAB 16.45TS OPENB	EUR											
Certificate	NL0013001969	IBAB 19.45TS OPENB	EUR	0,4800	0,5400	0,4800			0,5400					
Certificate	NL0012994040	IBAB 22.43TS OPENB	EUR	0,8200	0,8800	0,8200			0,8800					
Certificate	NL0012993315	IBAB 25.42TS OPENB	EUR	1,1600	1,2200	1,1600			1,2200					
Certificate	DE000CE6EAD4	IBAB 33.02TS OPENZ	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000CV505N3	IBERD4.516TL OPENZ	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	DE000CE6CA03	IBERD5.216TL OPENZ	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	NL0010131066	IBEX 4670TL OPENB	EUR	44,8500	44,8500	44,8500			44,8500					
Certificate	NL0010134136	IBEX 5780TL OPENB	EUR	34,0600	34,0600	34,0600			34,0600					
Certificate	DE000CN6JQA4	IBEX 6281TL OPENZ	EUR	27,7800	27,7800	27,2800			27,2800					
Certificate	NL0010443057	IBEX 6340TL OPENB	EUR	28,5900	28,5900	28,5900			28,5900					
Certificate	DE000CN6HNC1	IBEX 6801TL OPENZ	EUR	22,5900	22,5900	22,0900			22,0900					
Certificate	NL0010445706	IBEX 6900TL OPENB	EUR	23,2100	23,2100	23,2100			23,2100					
Certificate	DE000CX0JRX5	IBEX 7000TL OPENC	EUR	18,1000	18,1000	18,1000			18,1000					
Certificate	DE000CX0JS51	IBEX 7000TL OPENC	EUR	19,0500	19,0500	19,0500			19,0500					
Certificate	DE000CN6H3U2	IBEX 7321TL OPENZ	EUR	17,3800	17,3800	16,8800			16,8800					
Certificate	DE000CX005F8	IBEX 7500TL OPENC	EUR	13,1100	13,1100	13,1100			13,1100					
Certificate	DE000CX004V8	IBEX 7500TL OPENC	EUR	12,1600	12,1600	12,1600			12,1600					
Certificate	DE000CD626D0	IBEX 7832TL OPENZ	EUR	12,2700	12,2700	11,7700			11,7700					
Certificate	DE000CX590N3	IBEX 8200TL OPENC	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	DE000CD63YLO	IBEX 8336TL OPENZ	EUR	7,2300	7,2300	6,7300			6,7300					
Certificate	DE000CP063N1	IBEX 8500TL OPENC	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	DE000CP07C75	IBEX 9500TS OPENC	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	DE000CP06VN5	IBEX 9500TS OPENC	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	DE000CJ3N740	IBEX 9674TS OPENZ	EUR	6,1900	6,6800	6,1900			6,6800					
Certificate	DE000CE6BU18	IBEX 10369TS OPENZ	EUR	13,1400	13,6300	13,1400			13,6300					
Certificate	NL0011048897	IBEX 10390TS OPENH	EUR	22,5200	23,1800	22,5200	1641,6000	1	23,1800	72				
Certificate	DE000CQ5AMA1	IBEX 10500TS OPENC	EUR	12,6400	12,6400	12,6400			12,6400					
Certificate	DE000CQ5AJU5	IBEX 10500TS OPENC	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	NL0011048889	IBEX 10760TS OPENH	EUR	26,5100	27,1700	26,5100			27,1700					
Certificate	DE000CE6C2X2	IBEX 11061TS OPENZ	EUR	20,0700	20,5600	20,0700			20,5600					
Certificate	DE000CY51WX0	IBEX 11500TS OPENC	EUR	19,2700	19,2700	19,2700			19,2700					
Certificate	DE000CY50MT1	IBEX 11500TS OPENC	EUR	15,6800	15,6800	15,6800			15,6800					
Certificate	DE000CY16UK4	IBEX 11500TS OPENC	EUR	12,2000	12,2000	12,2000			12,2000					
Certificate	DE000CE6C899	IBEX 11758TS OPENZ	EUR	27,0400	27,5300	27,0400			27,5300					
Certificate	DE000CY16RS3	IBEX 12000TS OPENC	EUR	16,5900	16,5900	16,5900			16,5900					
Certificate	DE000CY50MU9	IBEX 12000TS OPENC	EUR	20,4600	20,4600	20,4600			20,4600					
Certificate	DE000CY51YA4	IBEX 12000TS OPENC	EUR	21,7900	21,7900	21,7900			21,7900					
Certificate	NL0011048871	IBEX 12220TS OPENH	EUR	42,4400	43,1100	42,4400			43,1100					
Certificate	DE000CE6CU58	IBEX 12455TS OPENZ	EUR	34,0000	34,4900	34,0000			34,4900					
Certificate	DE000CY16U30	IBEX 13000TS OPENC	EUR	27,5200	27,5200	27,5200			27,5200					
Certificate	DE000CY16RT1	IBEX 13000TS OPENC	EUR	25,9500	25,9500	25,9500			25,9500					
Certificate	NL0011048863	IBEX 13690TS OPENH	EUR	58,3900	59,0500	58,3900			59,0500					
Certificate	NL0009172253	IBM 80TL OPENB	EUR	35,5200	35,5200	35,5200			35,5200					
Certificate	NL0011637277	IBM 107.2TL OPENB	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	NL0011240395	IBM 111.8TL OPENH	EUR	1,1700	1,1700	0,9300			0,9300					
Certificate	NL0011651534	IBM 113.5TL OPENB	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	NL0013146129	IBM 124.3TS OPENB	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	NL0013014558	IBM 136.8TS OPENB	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	NL0013010135	IBM 150.5TS OPENB	EUR	4,1950	4,1950	4,1950			4,1950					
Certificate	NL0012682975	IBM 165.6TS OPENB	EUR	5,6350	5,6350	5,6350			5,6350					
Certificate	NL0011240346	IBM 173.4TS OPENH	EUR	6,0000	6,2800	6,0000			6,2800					
Certificate	NL0012031686	IBM 182.7TS OPENB	EUR	7,2550	7,2550	7,2550			7,2550					
Certificate	NL0011052089	IBM 188.4TS OPENH	EUR	7,4200	7,7100	7,4200			7,7100					
Certificate	NL0011408976	ICAAG205.8TL OPENH	EUR											
Certificate	NL0011408968	ICAAG221.5TL OPENH	EUR											
Certificate	NL0011714035	ICAAG338.8TS OPENH	EUR											
Certificate	DE000CJ3NOG0	ICAG 4.32TL OPENZ	EUR	2,2550	2,2550	2,2550			2,2550					
Certificate	DE000CV4YZY9	ICAG 5.02TL OPENZ	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000CJ3NVA9	ICICI 6.34TL OPENZ	EUR											
Certificate	DE000CV8ASZ2	ICICI 7.41TL OPENZ	EUR											
Certificate	DE000CJ3PSF9	ICICI 8.41TL OPENZ	EUR											
Certificate	DE000CN6KYM1	IFSfu13949TL OPENZ	EUR	5,4200	5,4200	5,4200			5,4200					
Certificate	DE000CE6C7N2	IFSfu15564TL OPENZ	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	DE000CE6C7P7	IFSfu17072TL OPENZ	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000CV894D2	IFSfu22801TS OPENZ	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	DE000CV87ER0	IFSfu24798TS OPENZ	EUR	5,5700	5,5700	5,5700			5,5700					
Certificate	DE000CV508E6	IFSfu26795TS OPENZ	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	NL0012031348	IMCD 33.3TL OPENB	EUR	30,9500	30,9500	29,9500			29,9500					
Certificate	DE000CV89FA9	IMCD 53.4TL OPENZ	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000CV89FC5	IMCD 73.3TS OPENZ	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	DE000CN6KVU0	IMCD 33.66TL OPENZ	EUR	2,8950	2,8950	2,8550			2,8550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD63QL6	IMCD 36.81TL OPENZ	EUR	2,5850	2,5850	2,5550			2,5550					
Certificate	NL0012038764	IMCD 37.39TL OPENB	EUR	27,1400	27,1400	26,1400			26,1400					
Certificate	NL0012102743	IMCD 39.41TL OPENB	EUR	25,2600	25,2600	24,2600			24,2600					
Certificate	DE000CE6BNC5	IMCD 39.51TL OPENZ	EUR	2,2050	2,2050	2,1650			2,1650					
Certificate	DE000CD64AG8	IMCD 39.93TL OPENZ	EUR	2,2850	2,2850	2,2550			2,2550					
Certificate	DE000CE6BPL1	IMCD 42.49TL OPENZ	EUR	1,9050	1,9050	1,8650			1,8650					
Certificate	NL0012119820	IMCD 43.46TL OPENB	EUR	21,5000	21,5000	20,5000			20,5000					
Certificate	DE000CE6BLK2	IMCD 43.55TL OPENZ	EUR	1,9450	1,9450	1,9050			1,9050					
Certificate	DE000CE6C6F0	IMCD 45.46TL OPENZ	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	NL0012122030	IMCD 45.48TL OPENB	EUR	19,6100	19,6100	18,6100			18,6100					
Certificate	NL0012281810	IMCD 47.48TL OPENB	EUR	17,7500	17,7500	16,7500			16,7500					
Certificate	DE000CV88M28	IMCD 49.42TL OPENZ	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	NL0013019094	IMCD 49.48TL OPENB	EUR	15,9200	15,9200	14,9200			14,9200					
Certificate	NL0013016421	IMCD 50.16BL OPENB	EUR	1,2250	1,2250	1,1250			1,1250					
Certificate	NL0013019102	IMCD 51.48TL OPENB	EUR	14,0600	14,0600	13,0600			13,0600					
Certificate	NL0012977573	IMCD 52.66BL OPENB	EUR	0,9750	0,9750	0,8750			0,8750					
Certificate	NL0013019110	IMCD 53.48TL OPENB	EUR	12,2000	12,2000	11,2000			11,2000					
Certificate	NL0012977581	IMCD 55.18BL OPENB	EUR	0,7250	0,7250	0,6250			0,6250					
Certificate	NL0012971048	IMCD 55.42TL OPENB	EUR											
Certificate	NL0013019128	IMCD 55.47TL OPENB	EUR	10,3400	10,3400	9,3400			9,3400					
Certificate	DE000CJ3PVN7	IMCD 57.41TL OPENZ	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	NL0013014996	IMCD 60.03BS OPENB	EUR											
Certificate	NL0013015654	IMCD 61.65TS OPENB	EUR											
Certificate	NL0013007982	IMCD 64.65TS OPENB	EUR	8,0600	8,9600	8,0600			8,9600					
Certificate	NL0013007719	IMCD 65.02BS OPENB	EUR	0,3750	0,4650	0,3750			0,4650					
Certificate	DE000CJ3N484	IMCD 65.34TS OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	NL0013005614	IMCD 67.63TS OPENB	EUR	11,2800	12,1800	11,2800			12,1800					
Certificate	NL0012979546	IMCD 70.01BS OPENB	EUR	0,8750	0,9650	0,8750			0,9650					
Certificate	NL0012990659	IMCD 70.54TS OPENB	EUR	14,4300	15,3300	14,4300			15,3300					
Certificate	NL0012994578	IMCD 73.61TS OPENB	EUR	17,7400	18,6400	17,7400			18,6400					
Certificate	NL0012990477	IMCD 74.98BS OPENB	EUR	1,3650	1,4550	1,3650			1,4550					
Certificate	DE000CV880A7	IMCD 83.31TS OPENZ	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	DE000CQ5BYL1	INBEV 50TL OPENC	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000CP06Y23	INBEV 50TL OPENC	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0011993399	INBEV 57TL OPENH	EUR	1,5400	1,5500	1,3600	27,9000	1	1,3600	18				
Certificate	DE000VA8F4R3	INBEV 58TL 0319V	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000VA8F1K4	INBEV 60TL 0319V	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000VA8F4P7	INBEV 60TL 1218V	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CQ5ARW4	INBEV 60TL OPENC	EUR	1,2100	1,2100	1,0900	18,1500	1	1,0900	15				
Certificate	DE000CY52UY0	INBEV 60TL OPENC	EUR	0,8700	0,8700	0,8700	226,2000	1	0,8700	260				
Certificate	NL0010609806	INBEV 61TL OPENB	EUR	11,6150	11,6150	9,9350			9,9350					
Certificate	DE000VA8F1N8	INBEV 62TL 0319V	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000VA8F1F4	INBEV 62TL 1218V	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	DE000VA71UJ1	INBEV 64TL 0319V	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	DE000VA8F1G2	INBEV 64TL 1218V	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	DE000VA8F4M4	INBEV 68TS 0319V	EUR											
Certificate	DE000VA87EK9	INBEV 68TS 0319V	EUR											
Certificate	DE000VA87EN3	INBEV 68TS 1218V	EUR											
Certificate	DE000VA8F4U7	INBEV 68TS 1218V	EUR											
Certificate	NL0013127160	INBEV 68TS OPENH	EUR											
Certificate	DE000VA8F1D9	INBEV 70TS 0319V	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	DE000VA8F1T5	INBEV 70TS 1218V	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0013125529	INBEV 70TS OPENH	EUR	0,7400	0,9200	0,7400			0,9200					
Certificate	DE000VA8F1E7	INBEV 72TS 0319V	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000VA8F1V1	INBEV 72TS 1218V	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000VA8FX90	INBEV 74TS 0319V	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000VA8FYD8	INBEV 74TS 1218V	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CP06Z12	INBEV 75TS OPENC	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CP06V29	INBEV 75TS OPENC	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000VA71NV1	INBEV 76TS 0319V	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	DE000VA71N02	INBEV 76TS 1218V	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	DE000VA7PTQ1	INBEV 78TS 0319V	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	DE000VA64XR3	INBEV 78TS 1218V	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	NL0012796122	INBEV 80BON1219Z	EUR											
Certificate	DE000VA7PTR9	INBEV 80TS 0319V	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	DE000VA6D724	INBEV 80TS 1218V	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000CP06TK5	INBEV 80TS OPENC	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CP06Z20	INBEV 80TS OPENC	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000VA7PTS7	INBEV 82TS 0319V	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	DE000VA6D237	INBEV 82TS 1218V	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000VA7PVN4	INBEV 84TS 0319V	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000VA6D245	INBEV 84TS 1218V	EUR	1,8600	1,8600	1,8600			1,8600					



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	NL0012796700	INBEV 86BOC1219Z	EUR	67,2600	67,2600	67,2600			67,2600					
Certificate	DE000VA5RQP9	INBEV 86TS 1218V	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000VA5RME2	INBEV 88TS 1218V	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000VA4YTU2	INBEV 90TS 1218V	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CQ58SU4	INBEV 90TS OPENC	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	DE000CP06206	INBEV 90TS OPENC	EUR	2,7200	2,7200	2,7200			2,7200					
Certificate	DE000CQ5ANR3	INBEV 90TS OPENC	EUR											
Certificate	DE000VA320T8	INBEV 92TS 1218V	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0012795231	INBEV 93BOC1218Z	EUR	65,5800	65,5800	65,5800			65,5800					
Certificate	DE000VA320U6	INBEV 94TS 1218V	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	NL0012580427	INBEV 95TS OPENH	EUR	3,4400	3,6200	3,4400			3,6200					
Certificate	DE000VA321L3	INBEV 96TS 1218V	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	DE000VA323K1	INBEV 98TS 1218V	EUR	3,2600	3,2600	3,2600			3,2600					
Certificate	NL0012539944	INBEV 98TS OPENH	EUR	3,7700	3,9400	3,7700			3,9400					
Certificate	DE000CV52804	INBEV 100TS OPENC	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	DE000CV529L4	INBEV 100TS OPENC	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	NL0012583405	INBEV 101TS OPENH	EUR	4,0900	4,2700	4,0900			4,2700					
Certificate	DE000CV50230	INBEV 110TS OPENC	EUR	4,2800	4,2800	4,2800			4,2800					
Certificate	DE000CV50032	INBEV 110TS OPENC	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000CX0J969	INBEV 125TS OPENC	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	DE000CV42UQ1	INBEV 130TS OPENC	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	NL0012332027	INBEV 141TS OPENH	EUR	8,4100	8,5900	8,4100			8,5900					
Certificate	DE000CJ3NUC7	INBEV 46.TL OPENZ	EUR	4,1350	4,1350	4,1350			4,1350					
Certificate	NL0013004351	INBEV 64.8L OPENB	EUR	5,1300	5,1300	3,4650	4418,0000	5	3,4650	997				
Certificate	NL0012331979	INBEV 26.6TL OPENH	EUR	4,3800	4,3800	4,1900			4,1900					
Certificate	NL0012331987	INBEV 32.7TL OPENH	EUR	3,8100	3,8100	3,6200	363,0000	1	3,6200	100				
Certificate	NL0011993407	INBEV 41.6TL OPENH	EUR	2,9800	2,9800	2,8000			2,8000					
Certificate	NL0010127148	INBEV 45.8TL OPENB	EUR	25,7950	25,7950	24,1150	500,0000	1	24,1150	20				
Certificate	NL0010127932	INBEV 50.3TL OPENB	EUR	21,6350	21,6350	19,9550	6030,9000	2	19,9550	282				
Certificate	NL0011995246	INBEV 50.8TL OPENH	EUR	2,1200	2,1200	1,9400			1,9400					
Certificate	NL0012331995	INBEV 63.3TL OPENH	EUR	0,9600	0,9600	0,7700	6080,0000	3	0,7700	6500				
Certificate	NL0013012149	INBEV 63.5TL OPENB	EUR	9,3950	9,3950	7,6950	55234,0000	7	7,6950	6200				
Certificate	NL0013017221	INBEV 69.3TS OPENB	EUR	6,5450	8,1950	6,5450			8,1950					
Certificate	NL0013014152	INBEV 74.3TS OPENB	EUR	11,9350	13,5850	11,9350			13,5850					
Certificate	DE000VA7P585	INBEV 76.6TS OPENV	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0013079247	INBEV 77.1TS OPENH	EUR	1,5100	1,6900	1,5100			1,6900					
Certificate	NL0012995781	INBEV 79.3TS OPENB	EUR	17,2850	18,9350	17,2850			18,9350					
Certificate	NL0012894083	INBEV 81.2TS OPENH	EUR	1,9500	2,1300	1,9500			2,1300					
Certificate	NL0012894075	INBEV 83.2TS OPENH	EUR	2,1700	2,3500	2,1700			2,3500					
Certificate	NL0012994024	INBEV 84.2TS OPENB	EUR	24,3050	24,3050	24,3050			24,3050					
Certificate	NL0012890719	INBEV 87.1TS OPENH	EUR	2,5900	2,7700	2,5900			2,7700					
Certificate	NL0012984611	INBEV 89.2TS OPENB	EUR	28,0050	29,6550	28,0050			29,6550					
Certificate	NL0012595094	INBEV 91.1TS OPENH	EUR	3,0300	3,2000	3,0300			3,2000					
Certificate	NL0012693477	INBEV 92.58S OPENB	EUR	24,8850	26,5350	24,8850			26,5350					
Certificate	NL0012580435	INBEV 93.1TS OPENH	EUR	3,2300	3,4100	3,2300			3,4100					
Certificate	DE000CE6DKR5	INBEV101.5TS OPENZ	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	DE000VL61MR9	INBEV101.6TS OPENV	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	NL0012925994	INBEV103.2TS OPENH	EUR	4,3300	4,5100	4,3300			4,5100					
Certificate	NL0011421862	INBEV106.7TS OPENH	EUR	4,7000	4,8800	4,7000			4,8800					
Certificate	NL0012592687	INBEV106.8TS OPENH	EUR	4,7200	4,9000	4,7200			4,9000					
Certificate	NL0012585129	INBEV106.9TS OPENH	EUR	4,7300	4,9100	4,7300			4,9100					
Certificate	NL0011081377	INBEV108.6TS OPENB	EUR	48,9550	50,6050	48,9550			50,6050					
Certificate	NL0011041876	INBEV109.4TS OPENH	EUR	5,0000	5,1800	5,0000			5,1800					
Certificate	NL0012048383	INBEV115.5TS OPENH	EUR	5,6500	5,8300	5,6500			5,8300					
Certificate	NL0011995162	INBEV120.8TS OPENH	EUR	6,2400	6,4100	6,2400			6,4100					
Certificate	NL0011995154	INBEV126.5TS OPENH	EUR	6,8500	7,0300	6,8500			7,0300					
Certificate	NL0011995147	INBEV132.3TS OPENH	EUR	7,4700	7,6500	7,4700			7,6500					
Certificate	NL0012549034	INBEV139.4TS OPENH	EUR	8,2400	8,4200	8,2400			8,4200					
Certificate	NL0012559611	INBEV139.9TS OPENH	EUR	8,3000	8,4700	8,3000			8,4700					
Certificate	NL0012332035	INBEV146.8TS OPENH	EUR	9,0400	9,2200	9,0400			9,2200					
Certificate	NL0012329445	INBEV155.5TS OPENH	EUR	9,9800	10,1600	9,9800			10,1600					
Certificate	DE000VA8F5R0	INBEV54.77TL OPENV	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000CV88D37	INBEV55.01TL OPENZ	EUR	2,7300	2,7300	2,3250	23309,0000	7	2,3250	8800				
Certificate	DE000VA8F5S8	INBEV55.77TL OPENV	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000VA8F5T6	INBEV56.77TL OPENV	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000VA8F3N4	INBEV57.77TL OPENV	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	NL0013017528	INBEV58.04BL OPENB	EUR	11,1250	11,1250	9,4250			9,4250					
Certificate	DE000VA8F3P9	INBEV58.77TL OPENV	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000VA8F3Q7	INBEV59.77TL OPENV	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	DE000CJ3N8C2	INBEV60.49TL OPENZ	EUR	1,5300	1,5300	1,2550	8350,0000	2	1,2550	5500				
Certificate	NL0013017536	INBEV60.94BL OPENB	EUR	8,2250	8,2250	6,5250			6,5250					
Certificate	DE000VA71WA6	INBEV61.72TL OPENV	EUR	0,5300	0,5300	0,5300			0,5300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA71R08	INBEV62.72TL OPENV	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000VA8F3R5	INBEV63.77TL OPENV	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000VA80KE4	INBEV64.79TL OPENV	EUR											
Certificate	DE000VA8F5K5	INBEV66.49TS OPENV	EUR											
Certificate	DE000VA87EX2	INBEV67.46TS OPENV	EUR											
Certificate	DE000VA8F5N9	INBEV67.49TS OPENV	EUR											
Certificate	DE000VA80KC8	INBEV68.46TS OPENV	EUR											
Certificate	DE000VA8F5Q2	INBEV68.49TS OPENV	EUR											
Certificate	NL0013017627	INBEV69.08BS OPENB	EUR	1,4550	3,1050	1,4550				3,1050				
Certificate	DE000VA8F3H6	INBEV69.49TS OPENV	EUR	0,3200	0,3200	0,3200				0,3200				
Certificate	DE000VA8F3J2	INBEV70.49TS OPENV	EUR	0,4200	0,4200	0,4200				0,4200				
Certificate	DE000VA8F3K0	INBEV71.49TS OPENV	EUR	0,5200	0,5200	0,5200				0,5200				
Certificate	DE000VA8F3L8	INBEV72.49TS OPENV	EUR	0,6200	0,6200	0,6200				0,6200				
Certificate	NL0013017635	INBEV72.53BS OPENB	EUR	4,9150	6,5650	4,9150				6,5650				
Certificate	DE000VA8F3M6	INBEV73.49TS OPENV	EUR	0,7200	0,7200	0,7200				0,7200				
Certificate	DE000CJ3PLZ2	INBEV73.63TS OPENZ	EUR	1,4550	1,4550	1,4550				1,4550				
Certificate	DE000VA8FSN9	INBEV74.51TS OPENV	EUR	0,8200	0,8200	0,8200				0,8200				
Certificate	DE000VA71RX8	INBEV75.54TS OPENV	EUR	0,9200	0,9200	0,9200				0,9200				
Certificate	NL0013008899	INBEV76.14BS OPENB	EUR	8,5250	10,1750	8,5250				10,1750				
Certificate	DE000VA64Zf3	INBEV77.61TS OPENV	EUR	1,1100	1,1100	1,1100				1,1100				
Certificate	DE000VA64XZ6	INBEV78.61TS OPENV	EUR	1,2100	1,2100	1,2100				1,2100				
Certificate	DE000VA6D716	INBEV79.76TS OPENV	EUR	1,3100	1,3100	1,3100				1,3100				
Certificate	NL0012995526	INBEV79.94BS OPENB	EUR	12,3250	13,9750	12,3250				13,9750				
Certificate	DE000CV8BE10	INBEV81.61TS OPENZ	EUR	2,8200	3,0350	2,8200	22560,0000	2		3,0350	8000			
Certificate	DE000VASRRX1	INBEV81.78TS OPENV	EUR	1,5100	1,5100	1,5100				1,5100				
Certificate	DE000VASRRY9	INBEV83.78TS OPENV	EUR	1,7100	1,7100	1,7100				1,7100				
Certificate	NL0012993919	INBEV83.93BS OPENB	EUR	17,9650	17,9650	17,9650				17,9650				
Certificate	DE000VASRQK4	INBEV85.79TS OPENV	EUR	1,9000	1,9000	1,9000				1,9000				
Certificate	DE000VASRMD4	INBEV87.83TS OPENV	EUR	2,1000	2,1000	2,1000				2,1000				
Certificate	DE000VA1GMD6	INBEV89.02TS OPENV	EUR											
Certificate	DE000VA4YTS6	INBEV90.06TS OPENV	EUR	2,3000	2,3000	2,3000				2,3000				
Certificate	DE000CV8AUE3	INBEV91.59TS OPENZ	EUR	5,0300	5,0300	5,0300				5,0300				
Certificate	DE000VL61MX7	INBEV95.56TS OPENV	EUR	2,5000	2,5000	2,5000				2,5000				
Certificate	DE000VL61MY5	INBEV97.56TS OPENV	EUR	2,6900	2,6900	2,6900				2,6900				
Certificate	DE000VL61M22	INBEV99.56TS OPENV	EUR	2,8900	2,8900	2,8900				2,8900				
Certificate	NL0000456465	INDIA PI OPENN	EUR	93,4000	95,9500	93,4000				95,9500				
Certificate	NL0000290302	INDIA PI OPENN	EUR	14,7500	15,0800	14,7500				15,0800				
Certificate	DE000CV87M52	INDIT19.15TL OPENZ	EUR	1,2700	1,2700	1,2700				1,2700				
Certificate	DE000CN6JRC8	INDIT21.16TL OPENZ	EUR	0,9500	0,9500	0,8600				0,8600				
Certificate	DE000CV87ZQ7	INDIT23.14TL OPENZ	EUR	0,5300	0,5300	0,4700	4710,6400	1		0,4700	8888			
Certificate	NL0011896568	INFIN 12TL OPENH	EUR	7,8900	7,8900	7,3900				7,3900				
Certificate	NL0012312979	INFIN 5.9TL OPENH	EUR	13,5800	13,5800	13,0900				13,0900				
Certificate	NL0011928742	INFIN 13.3TL OPENH	EUR	6,6800	6,6800	6,1800				6,1800				
Certificate	NL0011993936	INFIN 15.1TL OPENH	EUR	4,9900	4,9900	4,4900				4,4900				
Certificate	NL0012919765	INFIN 24.3TS OPENH	EUR	7,0500	7,5800	7,0500				7,5800				
Certificate	NL0012917173	INFIN 24.8TS OPENH	EUR	7,5800	8,1100	7,5800				8,1100				
Certificate	NL0012057533	INFIN 25.5TS OPENH	EUR	8,3600	8,8700	8,3600				8,8700				
Certificate	NL0012312961	INFIN 7.43TL OPENH	EUR	12,1600	12,1600	11,6600				11,6600				
Certificate	NL0012312953	INFIN 8.97TL OPENH	EUR	10,7300	10,7300	10,2300				10,2300				
Certificate	NL0011714183	INFIN10.75TL OPENH	EUR	9,0500	9,0500	8,5600				8,5600				
Certificate	NL0011714167	INFIN11.27TL OPENH	EUR	8,5600	8,5600	8,0700				8,0700				
Certificate	DE000CN6K2G8	INFIN11.56TL OPENZ	EUR	6,9400	7,0300	6,9400				7,0300				
Certificate	NL0011896576	INFIN11.74TL OPENH	EUR	8,1200	8,1200	7,6300				7,6300				
Certificate	NL0011896550	INFIN12.26TL OPENH	EUR	7,6500	7,6500	7,1500				7,1500				
Certificate	NL0011926860	INFIN12.52TL OPENH	EUR	7,3900	7,3900	6,9000				6,9000				
Certificate	NL0011927827	INFIN12.78TL OPENH	EUR	7,1600	7,1600	6,6600				6,6600				
Certificate	NL0011927819	INFIN13.04TL OPENH	EUR	6,9200	6,9200	6,4200				6,4200				
Certificate	DE000CJ3PPP4	INFIN13.14TL OPENZ	EUR	5,4500	5,4500	5,4500				5,4500				
Certificate	NL0011929377	INFIN13.55TL OPENH	EUR	6,4400	6,4400	5,9400				5,9400				
Certificate	NL0011934120	INFIN13.82TL OPENH	EUR	6,1900	6,1900	5,6900				5,6900				
Certificate	NL0011934336	INFIN14.08TL OPENH	EUR	5,9500	5,9500	5,4500				5,4500				
Certificate	NL0011975651	INFIN14.58TL OPENH	EUR	5,4600	5,4600	4,9800				4,9800				
Certificate	DE000CD62KN7	INFIN14.64TL OPENZ	EUR	3,8850	4,4300	3,8850	1761,5000	2		3,9700	400			
Certificate	NL0012333801	INFIN15.34TL OPENH	EUR	4,7700	4,7700	4,2700				4,2700				
Certificate	NL0011996319	INFIN15.55TL OPENH	EUR											
Certificate	NL0012049316	INFIN15.62TL OPENH	EUR	4,4900	4,4900	4,0100				4,0100				
Certificate	NL0012314496	INFIN15.84TL OPENH	EUR											
Certificate	NL0011997523	INFIN16.05TL OPENH	EUR											
Certificate	DE000CJ3VPV2	INFIN16.65TL OPENZ	EUR	2,0000	2,0000	2,0000				2,0000				
Certificate	NL0013125651	INFIN17.08TS OPENH	EUR											
Certificate	NL0013128465	INFIN17.34TL OPENH	EUR	2,8900	2,8900	2,4000				2,4000				
Certificate	NL0013124498	INFIN18.08TS 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	NL0013129729	INFIN18.83TS OPENH	EUR											
Certificate	NL0012897953	INFIN21.04TS OPENH	EUR	3,5400	4,0700	3,5400			4,0700					
Certificate	NL0012938310	INFIN22.41TS OPENH	EUR	5,0200	5,5500	5,0200			5,5500					
Certificate	NL0012920904	INFIN23.32TS OPENH	EUR	5,9900	6,5300	5,9900			6,5300					
Certificate	NL0012093819	INFIN25.53TS OPENH	EUR	8,3800	8,9000	8,3800			8,9000					
Certificate	NL0012861298	INFIN26.19TS OPENH	EUR	9,0800	9,6100	9,0800			9,6100					
Certificate	NL0012557763	INFIN26.64TS OPENH	EUR	9,5700	10,1000	9,5700			10,1000					
Certificate	NL0012542195	INFIN26.72TS OPENH	EUR	9,6500	10,1800	9,6500			10,1800					
Certificate	NL0012206825	INFIN27.09TS OPENH	EUR	10,0600	10,5800	10,0600			10,5800					
Certificate	NL0012312920	INFIN28.74TS OPENH	EUR	11,8300	12,3600	11,8300			12,3600					
Certificate	NL0012312912	INFIN30.19TS OPENH	EUR	13,3800	13,9200	13,3800			13,9200					
Certificate	NL0012519037	INFIN31.92TS OPENH	EUR	15,2400	15,7700	15,2400			15,7700					
Certificate	NL0012524995	INFIN31.98TS OPENH	EUR	15,3000	15,8400	15,3000			15,8400					
Certificate	NL0012546469	INFIN33.62TS OPENH	EUR	17,0700	17,6000	17,0700			17,6000					
Certificate	NL0012527964	INFIN34.93TS OPENH	EUR	18,4900	19,0100	18,4900			19,0100					
Certificate	NL0012540595	INFIN35.01TS OPENH	EUR	18,5700	19,0900	18,5700			19,0900					
Certificate	NL0012561021	INFIN36.47TS OPENH	EUR	20,1300	20,6600	20,1300			20,6600					
Certificate	NL0012538110	INFIN37.91TS OPENH	EUR	21,6800	22,2200	21,6800			22,2200					
Certificate	DE000CJ3PSG7	INFOS 6.3TL OPENZ	EUR	0,2850	0,2850	0,2850			0,2850					
Certificate	DE000CV8AT14	INFOS7.299TL OPENZ	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	DE000CJ3NKR6	INFOS8.349TL OPENZ	EUR	0,1150	0,1150	0,1150			0,1150					
Certificate	DE000CE6BQM7	ING LEVOPENZ	EUR	18,3000	18,3000	18,3000	183,0000	1	18,3000	10				
Certificate	DE000CE6BQC8	ING SHROPENZ	EUR											
Certificate	XS1365096327	ING STN0219B	EUR	109,1000	109,1000	109,1000			109,1000					
Certificate	XS1758704230	ING STN0221B	EUR	72,0500	72,0500	71,0500	4318,0000	2	71,0500	6000				
Certificate	XS1649307003	ING STN0720B	EUR	77,2000	77,2000	77,2000		1	77,2000	1000				
Certificate	XS1536788042	ING STN1219B	EUR	97,0000	98,0000	97,0000	1950,0000	2	98,0000	2000				
Certificate	DE000VA8FUZ9	ING 9TL 0319V	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	DE000CX0KWWV5	ING 9TL OPENC	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	LU1859832260	ING 10TCIOPENS	EUR	1,5600	1,5600	1,4800	234,0000	1	1,4800	150				
Certificate	DE000VA7PSY7	ING 10TL 0319V	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	DE000VAGEAG8	ING 10TL 1218V	EUR	1,3250	1,3250	1,3250			1,3250					
Certificate	DE000CV8BEQ9	ING 10TL 1218Z	EUR	1,3700	1,4500	1,3700	1202,0000	2	1,4500	840				
Certificate	DE000CX01Q59	ING 10TL OPENC	EUR											
Certificate	DE000CX0KYW1	ING 10TL OPENC	EUR	2,2500	2,2500	2,2200	450,0000	1	2,2200	200				
Certificate	DE000CX59PR1	ING 10TL OPENC	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000CX59PS9	ING 11TL OPENC	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000VA8FR56	ING 11TS 0319V	EUR											
Certificate	DE000VA8FR64	ING 11TS 1218V	EUR											
Certificate	NL0012796981	ING 12BOC1219Z	EUR											
Certificate	DE000VA7PSV3	ING 12TS 0319V	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	DE000VASRRU7	ING 12TS 1218V	EUR	0,7950	0,7950	0,7950			0,7950					
Certificate	DE000CJ3PE30	ING 12TS 1218Z	EUR											
Certificate	DE000CP062G7	ING 12TS OPENC	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	DE000CP060H9	ING 12TS OPENC	EUR	0,6400	0,7600	0,5900	6539,5000	9	0,7600	10150				
Certificate	NL0012795579	ING 13BOC0619Z	EUR											
Certificate	DE000CV16AQ3	ING 13TL OPENC	EUR											
Certificate	DE000VASELT0	ING 13TS 1218V	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	DE000CQ5BE62	ING 13TS OPENC	EUR											
Certificate	DE000CP065G0	ING 13TS OPENC	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000VA322P2	ING 14TS 1218V	EUR	2,7950	2,7950	2,7950			2,7950					
Certificate	DE000CQ582P4	ING 14TS OPENC	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000CQ5AZ35	ING 14TS OPENC	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	DE000CQ5A7Q2	ING 15TS OPENC	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	DE000CY52QT8	ING 16TS OPENC	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000CY52YE4	ING 16TS OPENC	EUR	4,6100	4,6900	4,6000	463,5000	2	4,6900	100				
Certificate	NL0012648315	ING 18BOC0619Z	EUR											
Certificate	DE000CV16F05	ING 18TS OPENC	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	NL0009900224	ING 2.3TL OPENB	EUR	9,1950	9,1950	9,1950			9,1950					
Certificate	NL0010174165	ING 2.5TL OPENB	EUR	8,9550	8,9550	8,9550			8,9550					
Certificate	NL0010175436	ING 2.9TL OPENB	EUR	8,7850	8,7850	8,6250			8,6250					
Certificate	NL0010175758	ING 3.3TL OPENB	EUR	8,2950	8,2950	8,2950			8,2950					
Certificate	NL0010378568	ING 3.7TL OPENB	EUR	7,9150	7,9150	7,9150			7,9150					
Certificate	NL0010380408	ING 4.4TL OPENB	EUR	7,2650	7,2650	7,2650			7,2650					
Certificate	NL0010441309	ING 4.8TL OPENB	EUR	7,0050	7,0050	6,8450			6,8450					
Certificate	NL0010442323	ING 5.3TL OPENB	EUR	6,3950	6,3950	6,3950			6,3950					
Certificate	NL0010445599	ING 5.9TL OPENB	EUR	6,0300	6,0300	5,8750	5073,0000	3	5,8750	850				
Certificate	NL0010515508	ING 6.5TL OPENB	EUR	5,3250	5,3250	5,3250			5,3250					
Certificate	NL0010153235	ING 6.6TL OPENA	EUR											
Certificate	NL0010887501	ING 6.6TL OPENB	EUR	5,3200	5,3200	5,1650	12811,1800	3	5,1650	2449				
Certificate	DE000CV8BEP1	ING 8.5TL 1218Z	EUR											
Certificate	DE000CX00369	ING 8.5TL OPENC	EUR	4,7100	4,7100	4,7100			4,7100					



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	DE000VA7TDW5	ING 9.5TL 0319V	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	DE000VA8FUV2	ING 9.5TL 1218V	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	DE000CV8APH6	ING 9.5TL 1218Z	EUR											
Certificate	DE000CP065R7	ING 9.5TL OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000CX0KYV3	ING 9.5TL OPENC	EUR	2,7600	2,7600	2,7400	386,4000	1	2,7400	140				
Certificate	DE000CP065B1	ING 9.5TL OPENC	EUR	2,1000	2,1000	1,8300	5360,0000	3	1,8300	2600				
Certificate	DE000VA87EC6	ING 10.5TL 0319V	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	DE000VA87EB8	ING 10.5TL 1218V	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000VA8F4K8	ING 10.5TS 0319V	EUR											
Certificate	DE000VA8F4L6	ING 10.5TS 1218V	EUR											
Certificate	LU1859914076	ING 10.7TCIOPENS	EUR	0,8300	0,8900	0,7800	46946,3700	18	0,7900	54383				
Certificate	DE000VA641M0	ING 11.5TS 0319V	EUR											
Certificate	DE000VA7PS13	ING 11.5TS 1218V	EUR											
Certificate	DE000CP06PK3	ING 11.5TS OPENC	EUR											
Certificate	DE000CP06NW3	ING 11.5TS OPENC	EUR											
Certificate	NL0012994883	ING 11.8BS OPENB	EUR	0,5250	0,6900	0,5250	732,0000	4	0,6850	1200				
Certificate	NL0013003247	ING 12.1BOC0919B	EUR	11,3000	11,3000	11,2300			11,2300					
Certificate	NL0012796379	ING 12.1BOC1219Z	EUR											
Certificate	NL0012796361	ING 12.2BOC0919Z	EUR											
Certificate	NL0012988943	ING 12.3BS OPENB	EUR	1,0250	1,1850	1,0250	16,5000	1	1,1850	15				
Certificate	LU1816972027	ING 12.3TPIOPENS	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000VA7PSW1	ING 12.5TS 0319V	EUR	1,3050	1,3050	1,3050			1,3050					
Certificate	DE000VASRDL6	ING 12.5TS 1218V	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	DE000CP065Z0	ING 12.5TS OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	DE000CQ5BK73	ING 12.5TS OPENC	EUR											
Certificate	DE000CQ58T73	ING 12.5TS OPENC	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000VA3THR5	ING 12.5TS OPENV	EUR											
Certificate	NL0012796619	ING 12.6BOC1219Z	EUR											
Certificate	NL0012988752	ING 12.7TS OPENB	EUR	2,2850	2,4450	2,2850			2,4450					
Certificate	LU1790555038	ING 13.3TPIOPENS	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000VA3ZYX5	ING 13.5TS 1218V	EUR	2,2950	2,2950	2,2950			2,2950					
Certificate	DE000CV8AVR3	ING 13.5TS 1218Z	EUR											
Certificate	DE000CQ5B088	ING 13.5TS OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CP06610	ING 13.5TS OPENC	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000CQ5B2N9	ING 13.5TS OPENC	EUR	2,3600	2,4800	2,3600	12,1400	5	2,4800	5				
Certificate	NL0012976633	ING 13.6BOC0619B	EUR	12,0800	12,0800	11,9200	15559,3800	2	11,9200	1298				
Certificate	NL0012795587	ING 13.6BOC0919Z	EUR											
Certificate	DE000CV89713	ING 13.6TS OPENZ	EUR											
Certificate	DE000CQ5AWQ6	ING 14.5TS OPENC	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000CQ5APM9	ING 14.5TS OPENC	EUR											
Certificate	NL0012579122	ING 14.5TS OPENH	EUR	4,2500	4,4100	4,2500			4,4100					
Certificate	DE000CV8ABD5	ING 15.5TS 1218Z	EUR											
Certificate	DE000CV52VM3	ING 15.5TS OPENC	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	DE000CV52BJ1	ING 15.5TS OPENC	EUR											
Certificate	DE000CV52YF1	ING 15.5TS OPENC	EUR	4,1800	4,1800	4,1800			4,1800					
Certificate	DE000CV527Q7	ING 15.5TS OPENC	EUR											
Certificate	NL0012236194	ING 16.5BON1218Z	EUR											
Certificate	DE000CV52QV4	ING 16.5TS OPENC	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	NL0012649024	ING 16.6BOC1218Z	EUR											
Certificate	NL0012649032	ING 16.9BOC0619Z	EUR											
Certificate	NL0012494595	ING 17.5BOC1218B	EUR	11,4100	11,4100	11,2500			11,2500					
Certificate	DE000CV51AH9	ING 17.5TS OPENC	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	NL0012676266	ING 17.9BOC1218B	EUR	11,4200	11,4200	11,2600			11,2600					
Certificate	NL0011051529	ING 2.04TL OPENH	EUR	9,5500	9,5500	9,3900			9,3900					
Certificate	NL0011039508	ING 3.33TL OPENH	EUR	8,3500	8,3500	8,1900			8,1900					
Certificate	NL0011040241	ING 4.13TL OPENH	EUR	7,6100	7,6100	7,4500			7,4500					
Certificate	NL0011040233	ING 5.72TL OPENH	EUR	6,1300	6,1300	5,9700			5,9700					
Certificate	NL0011230487	ING 6.03TL OPENH	EUR	5,8400	5,8400	5,6800	87,1500	1	5,6800	15				
Certificate	NL0011051487	ING 6.41TL OPENH	EUR	5,4900	5,4900	5,3200			5,3200					
Certificate	NL0011040225	ING 6.52TL OPENH	EUR	5,3900	5,3900	5,2300			5,2300					
Certificate	NL0011051479	ING 6.81TL OPENH	EUR	5,1200	5,1200	4,9500			4,9500					
Certificate	NL0011039474	ING 6.91TL OPENH	EUR	5,0200	5,0200	4,8600			4,8600					
Certificate	NL0011906516	ING 7.65TL OPENB	EUR	4,3250	4,3250	4,1550	4749,2000	2	4,1650	1120				
Certificate	NL0011914221	ING 8.16TL OPENB	EUR	3,8450	3,8450	3,6850	30554,2500	4	3,6850	8175				
Certificate	DE000CD624J2	ING 8.16TL OPENZ	EUR	3,5000	3,5000	3,5000	350,0000	1	3,5000	100				
Certificate	LU1840913054	ING 8.66TCIOPENS	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	NL0011914874	ING 8.68TL OPENB	EUR	3,3650	3,3650	3,1900	344,5200	1	3,2050	108				
Certificate	NL0012579205	ING 8.68TL OPENH	EUR	3,3700	3,3700	3,2100	3280,0000	1	3,2100	1000				
Certificate	NL0011914635	ING 8.95TL OPENB	EUR	3,1250	3,1250	2,9650	9624,0000	4	2,9650	3200				
Certificate	DE000CD62KB2	ING 9.18TL OPENZ	EUR	2,5300	2,5300	2,4000	2466,4800	3	2,4000	1016				
Certificate	NL0012020358	ING 9.44TL OPENB	EUR	2,6550	2,6550	2,4950	35207,5000	3	2,4950	13850				
Certificate	LU1840913138	ING 9.74TCIOPENS	EUR	1,7200	1,7200	1,7200			1,7200					



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	DE000CP06555	ING 9.75TL OPENC	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	DE000CP065C9	ING 9.75TL OPENC	EUR	1,6000	1,6000	1,5700	87739,2000	2	1,5700	54837				
Certificate	DE000CJ3PKM2	ING 9.88TL OPENZ	EUR											
Certificate	NL0012023980	ING 9.96TL OPENB	EUR	2,1750	2,1750	2,0100	20709,0000	7	2,0150	10100				
Certificate	NL0013124506	ING 10.01TL OPENH	EUR	2,1400	2,1400	1,9800			1,9800					
Certificate	DE000VA80JL1	ING 10.13TL OPENV	EUR											
Certificate	LU1784828748	ING 10.28TL OPENS	EUR											
Certificate	DE000VA87EF9	ING 10.33TL OPENV	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	DE000CJ3PVQ0	ING 10.38TL OPENZ	EUR											
Certificate	LU1859913938	ING 10.46TCIOPENS	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000VA87EG7	ING 10.53TL OPENV	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000VA8FV19	ING 10.58TS OPENV	EUR											
Certificate	LU1859830561	ING 10.63TPIOPENS	EUR											
Certificate	NL0013015662	ING 10.71TS OPENB	EUR											
Certificate	DE000VA87EH5	ING 10.73TL OPENV	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	DE000CQ5BZ26	ING 10.75TS OPENC	EUR											
Certificate	DE000VA8FR98	ING 10.78TS OPENV	EUR											
Certificate	NL0013013865	ING 10.81BS OPENB	EUR											
Certificate	DE000VA8FS84	ING 10.98TS OPENV	EUR											
Certificate	LU1841029355	ING 11.05TPIOPENS	EUR											
Certificate	DE000CJ3PPD0	ING 11.06TS OPENZ	EUR											
Certificate	DE000CJ3PFS9	ING 11.17TS OPENZ	EUR											
Certificate	DE000VA7TBC1	ING 11.19TS OPENV	EUR											
Certificate	NL0013005937	ING 11.21TS OPENB	EUR											
Certificate	NL0012796965	ING 11.25BOC0619Z	EUR											
Certificate	DE000CP06U09	ING 11.25TS OPENC	EUR											
Certificate	NL0013006273	ING 11.31BS OPENB	EUR											
Certificate	DE000VA7PWS1	ING 11.39TS OPENV	EUR											
Certificate	NL0012907117	ING 11.47TS OPENH	EUR											
Certificate	LU1840979402	ING 11.55TPIOPENS	EUR											
Certificate	DE000VA7PPB1	ING 11.59TS OPENV	EUR											
Certificate	NL0013001951	ING 11.71TS OPENB	EUR	1,2050	1,3650	1,2050	396,0000	1	1,3650	300				
Certificate	NL0012796973	ING 11.75BOC0919Z	EUR											
Certificate	DE000CP065X5	ING 11.75TS OPENC	EUR											
Certificate	DE000CP065E5	ING 11.75TS OPENC	EUR											
Certificate	DE000CP06MF0	ING 11.75TS OPENC	EUR	0,4000	0,5300	0,4000	23000,0000	5	0,5300	50000				
Certificate	DE000VA6D4X5	ING 11.81TS OPENV	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	DE000VA6D294	ING 12.01TS OPENV	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	DE000CV88C12	ING 12.06TS OPENZ	EUR											
Certificate	NL0012889091	ING 12.09TS OPENH	EUR	1,6500	1,8100	1,6500			1,8100					
Certificate	NL0012989149	ING 12.21TS OPENB	EUR	1,7450	1,9050	1,7450			1,9050					
Certificate	DE000VASRDK8	ING 12.22TS OPENV	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	DE000CP060J5	ING 12.25TS OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CP065Y3	ING 12.25TS OPENC	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	NL0013003304	ING 12.35BOC0719B	EUR	11,3700	11,3700	11,2800			11,2800					
Certificate	DE000VASRMK9	ING 12.42TS OPENV	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	DE000CV88ED7	ING 12.56TS OPENZ	EUR											
Certificate	NL0012938328	ING 12.59TS OPENH	EUR	2,1800	2,3400	2,1800			2,3400					
Certificate	NL0012796148	ING 12.65BON0919Z	EUR											
Certificate	NL0012796155	ING 12.65BON1219Z	EUR											
Certificate	DE000VASRCP9	ING 12.72TS OPENV	EUR	1,4250	1,4250	1,4250			1,4250					
Certificate	DE000CP065F2	ING 12.75TS OPENC	EUR	1,2400	1,5100	1,2400	3700,1100	18	1,5100	2665				
Certificate	DE000CP06602	ING 12.75TS OPENC	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0012988539	ING 12.79BS OPENB	EUR	1,5150	1,6750	1,5150			1,6750					
Certificate	DE000VASRML7	ING 13.02TS OPENV	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	DE000CV898L6	ING 13.06TS OPENZ	EUR											
Certificate	NL0012789564	ING 13.29BS OPENB	EUR	2,0050	2,1650	2,0050			2,1650					
Certificate	NL0012935449	ING 13.29TS OPENH	EUR	2,9500	3,1100	2,9500			3,1100					
Certificate	DE000VASRMM5	ING 13.42TS OPENV	EUR	2,1150	2,1150	2,1150			2,1150					
Certificate	NL0012789234	ING 13.45TS OPENB	EUR	3,1050	3,2650	3,1050			3,2650					
Certificate	DE000VA15SW5	ING 13.53TS OPENV	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	LU1757001372	ING 13.62TPIOPENS	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	DE000CQ5AZ27	ING 13.75TS OPENC	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	NL0012586630	ING 13.84TS OPENH	EUR	3,5400	3,7000	3,5400			3,7000					
Certificate	LU1756863715	ING 13.89TPIOPENS	EUR	2,3800	2,3800	2,3800			2,3800					
Certificate	DE000VA15K61	ING 14.04TS OPENV	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	DE000CV881Y5	ING 14.06TS OPENZ	EUR											
Certificate	NL0012793046	ING 14.13BOC1218B	EUR	11,4100	11,4100	11,2500			11,2500					
Certificate	LU1784829399	ING 14.14TS OPENS	EUR											
Certificate	NL0012687313	ING 14.26BS OPENB	EUR	2,9850	3,1450	2,9850			3,1450					
Certificate	DE000CQ5A5H5	ING 14.75TS OPENC	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0013000482	ING 14.76BS OPENB	EUR	3,4850	3,6450	3,4850			3,6450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012579114	ING 14.99TS OPENH	EUR	4,7800	4,9400	4,7800			4,9400					
Certificate	DE000VL76NS3	ING 15.03TS OPENV	EUR	2,8950	2,8950	2,8950			2,8950					
Certificate	DE000CV505P8	ING 15.05TS OPENZ	EUR											
Certificate	DE000CO5A0Z8	ING 15.25TS OPENC	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	NL0013000490	ING 15.26BS OPENB	EUR	3,9750	4,1350	3,9750			4,1350					
Certificate	LU1784829126	ING 15.42TS OPENS	EUR											
Certificate	NL0012579106	ING 15.49TS OPENH	EUR	5,3100	5,4700	5,3100			5,4700					
Certificate	DE000CV50657	ING 15.54TS OPENZ	EUR											
Certificate	DE000VL76I26	ING 15.55TS OPENV	EUR	3,3850	3,3850	3,3850			3,3850					
Certificate	DE000CV52BK9	ING 15.75TS OPENC	EUR											
Certificate	DE000CV527R5	ING 15.75TS OPENC	EUR											
Certificate	DE000CV52VN1	ING 15.75TS OPENC	EUR	3,6700	3,6700	3,6700			3,6700					
Certificate	NL0011051388	ING 15.97TS OPENH	EUR	5,8400	6,0000	5,8400			6,0000					
Certificate	NL0012579098	ING 15.98TS OPENH	EUR	5,8400	6,0100	5,8400			6,0100					
Certificate	DE000CV52QU6	ING 16.25TS OPENC	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	NL0012579080	ING 16.47TS OPENH	EUR	6,3800	6,5400	6,3800			6,5400					
Certificate	NL0012264246	ING 16.74TS OPENB	EUR	6,6350	6,7950	6,6350			6,7950					
Certificate	NL0012579072	ING 16.96TS OPENH	EUR	6,9100	7,0700	6,9100			7,0700					
Certificate	NL0012579064	ING 17.45TS OPENH	EUR	7,4400	7,6000	7,4400			7,6000					
Certificate	DE000VL37FH4	ING 17.68TS OPENV	EUR	6,2950	6,2950	6,2950			6,2950					
Certificate	NL0012579056	ING 17.94TS OPENH	EUR	7,9700	8,1300	7,9700			8,1300					
Certificate	NL0011051370	ING 17.97TS OPENH	EUR	8,0000	8,1600	8,0000			8,1600					
Certificate	NL0012601819	ING 19.91TS OPENH	EUR	10,1000	10,2600	10,1000			10,2600					
Certificate	NL0012580971	ING 20.21TS OPENH	EUR	10,4200	10,5800	10,4200			10,5800					
Certificate	NL0012595151	ING 20.25TS OPENH	EUR	10,4700	10,6300	10,4700			10,6300					
Certificate	NL0012580963	ING 21.68TS OPENH	EUR	12,0100	12,1700	12,0100			12,1700					
Certificate	DE000CG29M52	ING 4.477TL OPENC	EUR											
Certificate	NL0011636469	ING 5.716BL OPENB	EUR	5,8850	5,8850	5,7250			5,7250					
Certificate	NL0013014780	ING 6.325BL OPENB	EUR	5,2750	5,2750	5,1150			5,1150					
Certificate	DE000CJ3PFR1	ING 6.464TL OPENZ	EUR											
Certificate	NL0013011356	ING 6.825BL OPENB	EUR	4,7750	4,7750	4,6150			4,6150					
Certificate	NL0011904982	ING 7.325BL OPENB	EUR	4,2750	4,2750	4,1150			4,1150					
Certificate	DE000CV89P65	ING 7.371TL OPENZ	EUR											
Certificate	DE000CF3A6C9	ING 7.419TL OPENC	EUR											
Certificate	DE000CF3A6U1	ING 7.675TL OPENC	EUR	5,3100	5,3100	5,3100			5,3100					
Certificate	NL0012996078	ING 8.166BL OPENB	EUR	3,4350	3,4350	3,2750	99,8500	4	3,2750	30				
Certificate	DE000CV883Q7	ING 8.377TL OPENZ	EUR	3,0000	3,0000	3,0000	3600,0000	1	3,0000	1200				
Certificate	NL0012993711	ING 8.669BL OPENB	EUR	2,9350	2,9350	2,7750			2,7750					
Certificate	DE000VA8FSC2	ING 8.723TL OPENV	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	DE000CJ3PEJ1	ING 8.878TL OPENZ	EUR											
Certificate	DE000VA71VH3	ING 8.923TL OPENV	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	NL0011914775	ING 9.171BL OPENB	EUR	2,4250	2,4250	2,2500	36117,1000	4	2,2500	15490				
Certificate	DE000VAGEAP9	ING 9.306TL OPENV	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	DE000CD62H01	ING 9.379TL OPENZ	EUR	1,9700	1,9700	1,9000	3147,1500	3	1,9000	1645				
Certificate	DE000VAGEAR5	ING 9.506TL OPENV	EUR	1,7700	1,7750	1,7700	265,5000	1	1,7750	150				
Certificate	NL0012020606	ING 9.699BL OPENB	EUR	1,9050	1,9050	1,7350	25126,0000	11	1,7450	14125				
Certificate	DE000VAD64Y3	ING 9.704TL OPENV	EUR	1,6400	1,6400	1,5750	32,8000	1	1,5750	20				
Certificate	DE000CD62JC2	ING 9.879TL OPENZ	EUR	1,5100	1,5800	1,4100	21569,2700	16	1,4200	14263				
Certificate	DE000VAD6344	ING 9.903TL OPENV	EUR	1,3750	1,3750	1,3750			1,3750					
Certificate	NL0009557792	INTEL 13TL OPENB	EUR	31,1200	31,1200	31,1200			31,1200					
Certificate	NL0009626548	INTEL 14.8TL OPENB	EUR	29,6300	29,6300	29,6300			29,6300					
Certificate	NL0010379327	INTEL 19.1TL OPENB	EUR	26,1900	26,1900	26,1900			26,1900					
Certificate	NL0010610119	INTEL 21.7TL OPENB	EUR	24,1400	24,1400	24,1400			24,1400					
Certificate	NL0011902838	INTEL32.53BL OPENB	EUR	13,0600	13,0600	13,0600			13,0600					
Certificate	NL0013015365	INTER 11TL OPENB	EUR	0,8600	0,8600	0,8200			0,8200					
Certificate	DE000CE6E978	INTER 11.7TL OPENZ	EUR	0,6100	0,6200	0,6100	610,0000	1	0,6200	1000				
Certificate	DE000CJ3N625	INTER 9.12TL OPENZ	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CE6E2E0	INTER10.12TL OPENZ	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CE6BT86	INTER11.19TL OPENZ	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	NL0013009699	INTER12.01TL OPENB	EUR	0,6800	0,6800	0,6400			0,6400					
Certificate	DE000CD64DV1	INTER12.25TL OPENZ	EUR	0,5200	0,5200	0,5100	104,0000	1	0,5100	200				
Certificate	NL0012999312	INTER13.02TL OPENB	EUR	0,4900	0,4900	0,4500			0,4500					
Certificate	DE000CE6FQGO	INTER13.31TL OPENZ	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	NL0013145931	INTER14.02TL OPENB	EUR											
Certificate	NL0013011877	INTER14.96TS OPENB	EUR	0,4600	0,5000	0,4600			0,5000					
Certificate	NL0012999346	INTER16.96TS OPENB	EUR	0,9100	0,9500	0,9100			0,9500					
Certificate	DE000CV88JB1	INTER17.06TS OPENZ	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CD64DW9	INTER18.93TS OPENZ	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0012999353	INTER18.97TS OPENB	EUR	1,3500	1,3900	1,3500			1,3900					
Certificate	NL0011410162	INVEB223.8TL OPENH	EUR	18,6500	18,6500	18,6500			18,6500					
Certificate	NL0011714290	INVEB242.9TL OPENH	EUR	16,9700	16,9700	16,9700			16,9700					
Certificate	NL0011892203	INVEB254.9TL OPENH	EUR	15,9400	15,9400	15,9400			15,9400					



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	NL0011926878	INVEB265.1TL OPENH	EUR	15,0100	15,0100	15,0100			15,0100					
Certificate	NL0011929906	INVEB273.7TL OPENH	EUR	14,2500	14,2500	14,2500			14,2500					
Certificate	NL0011935598	INVEB284.1TL OPENH	EUR	13,3400	13,3400	13,3400			13,3400					
Certificate	NL0012048557	INVEB291.2TL OPENH	EUR	12,7100	12,7100	12,7100			12,7100					
Certificate	NL0012681829	INVEB291.7BL OPENB	EUR											
Certificate	NL0011993969	INVEB295.9TL OPENH	EUR	12,2900	12,2900	12,2900			12,2900					
Certificate	NL0012049852	INVEB306.6TL OPENH	EUR	11,3600	11,3600	11,3600			11,3600					
Certificate	NL0012051379	INVEB316.8TL OPENH	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	NL0012699862	INVEB322.3BL OPENB	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	NL0012053862	INVEB326.8TL OPENH	EUR	9,5800	9,5800	9,5800			9,5800					
Certificate	NL0012057582	INVEB336.3TL OPENH	EUR	8,7400	8,7400	8,7400			8,7400					
Certificate	NL0012565329	INVEB341.9TL OPENH	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	NL0012579213	INVEB351.9TL OPENH	EUR	7,3600	7,3600	7,3600			7,3600					
Certificate	NL0012689947	INVEB352.7BL OPENB	EUR											
Certificate	NL0012929624	INVEB361.2TL OPENH	EUR	6,5400	6,5400	6,5400			6,5400					
Certificate	NL0012930812	INVEB367.1TL OPENH	EUR	6,0200	6,0200	6,0200			6,0200					
Certificate	NL0012930804	INVEB372.1TL OPENH	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0013128473	INVEB384.5TL OPENH	EUR	4,4900	4,4900	4,4900			4,4900					
Certificate	NL0013087380	INVEB391.4TS OPENH	EUR											
Certificate	NL0013081698	INVEB403.9TS OPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0012848071	INVEB421.6TS OPENH	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	NL0012057566	INVEB423.1TS OPENH	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	NL0012849400	INVEB423.6TS OPENH	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	NL0012700066	INVEB426.2BS OPENB	EUR											
Certificate	NL0012555916	INVEB434.1TS OPENH	EUR	8,5300	8,5300	8,5300			8,5300					
Certificate	NL0012202964	INVEB440.5TS OPENH	EUR	9,2200	9,2200	9,2200			9,2200					
Certificate	NL0012549513	INVEB462.1TS OPENH	EUR	11,5500	11,5500	11,5500			11,5500					
Certificate	NL0012210660	INVEB464.8TS OPENH	EUR	11,8400	11,8400	11,8400			11,8400					
Certificate	NL0012988067	INVEB465.9BS OPENB	EUR											
Certificate	NL0012609689	INVEB486.4TS OPENH	EUR	14,1700	14,1700	14,1700			14,1700					
Certificate	NL0011813787	INXN 29.2TL OPENB	EUR	29,0250	29,0250	29,0250			29,0250					
Certificate	DE000C3NX70	ISPMI1.373TL OPENZ	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	DE000C3N096	ISPMI1.573TL OPENZ	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	DE000CE6CB77	ISPMI1.772TL OPENZ	EUR	0,2450	0,2450	0,2450			0,2450					
Certificate	NL0013126741	JDCOM 22TL OPENH	EUR											
Certificate	DE000C3N1Q7	JDCOM 16.8TL OPENZ	EUR	0,7150	0,7150	0,7150			0,7150					
Certificate	DE000C3NVB7	JDCOM 18.8TL OPENZ	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	NL0013081722	JDCOM 21.6TL OPENH	EUR											
Certificate	NL0013129745	JDCOM 22.2TL OPENH	EUR											
Certificate	NL0013127442	JDCOM 22.6TS OPENH	EUR											
Certificate	NL0013129737	JDCOM 22.8TL OPENH	EUR											
Certificate	NL0013125677	JDCOM 22.8TS OPENH	EUR											
Certificate	NL0013125669	JDCOM 23.4TS OPENH	EUR											
Certificate	NL0013016439	JDCOM18.17BL OPENB	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	NL0013005077	JDCOM19.68BL OPENB	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	NL0013125693	JDCOM19.82TL OPENH	EUR											
Certificate	NL0013125685	JDCOM20.62TL OPENH	EUR											
Certificate	NL0013079197	JDCOM21.08TL OPENH	EUR											
Certificate	NL0012998892	JDCOM21.19BL OPENB	EUR	4,8700	4,9500	3,4100	19370,0000	4	3,4100	4000				
Certificate	DE000CV8B9K7	JDCOM21.37TL OPENZ	EUR	0,4900	0,5000	0,3350	29000,0000	3	0,3350	60000				
Certificate	NL0013126758	JDCOM21.61TL OPENH	EUR											
Certificate	NL0013124514	JDCOM23.99TS OPENH	EUR											
Certificate	NL0013086192	JDCOM24.39TS OPENH	EUR											
Certificate	NL0013013576	JDCOM24.56BS OPENB	EUR											
Certificate	NL0012907893	JDCOM24.98TS OPENH	EUR											
Certificate	NL0012907885	JDCOM25.38TS OPENH	EUR											
Certificate	NL0012907638	JDCOM25.77TS OPENH	EUR											
Certificate	NL0012907620	JDCOM26.17TS OPENH	EUR											
Certificate	NL0012993877	JDCOM26.29BL OPENB	EUR											
Certificate	NL0012907612	JDCOM26.37TS OPENH	EUR											
Certificate	DE000CV8A583	JDCOM26.54TL OPENZ	EUR											
Certificate	NL0012907604	JDCOM26.97TS OPENH	EUR											
Certificate	NL0013002215	JDCOM27.07BS OPENB	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0012907596	JDCOM27.57TS OPENH	EUR											
Certificate	NL0012995609	JDCOM29.57BS OPENB	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0012907588	JDCOM29.97TS OPENH	EUR											
Certificate	NL0012989735	JDCOM34.58BS OPENB	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	NL0012719150	JDCOM47.06BS OPENB	EUR	20,9400	20,9400	20,9400			20,9400					
Certificate	DE000CR9PZL9	JOHNS81.61TL OPENZ	EUR	5,3600	5,3600	5,1700			5,1700					
Certificate	DE000CR6XPQ9	JOHNS82.67TL OPENZ	EUR	5,4600	5,4600	5,2700			5,2700					
Certificate	JE00B297KF09	JPINTDE 200625	EUR	134,6700	134,6700	134,6700			134,6700					
Certificate	NL0013014103	K S 14TL OPENB	EUR	4,7300	4,7300	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	NL0013018690	K S 8.6TL OPENB	EUR	9,6400	9,6400	9,6300			9,6300					
Certificate	NL0011647912	K S 12.6TL OPENB	EUR	6,0800	6,0800	6,0700			6,0700					
Certificate	NL0011534367	K S 15.3TL OPENB	EUR	3,5800	3,5800	3,5700			3,5700					
Certificate	NL0013018153	K S 16.9TS OPENB	EUR											
Certificate	NL0012990212	K S 20.3TS OPENB	EUR	5,2100	5,2200	5,2100			5,2200					
Certificate	NL0012793525	K S 24.4TS OPENB	EUR	9,7600	9,7700	9,7600			9,7700					
Certificate	DE000CJ3PAE0	K S 10.65TL OPENZ	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	DE000CJ3PHV9	K S 12.67TL OPENZ	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	DE000CN6JP34	K S 14.17TL OPENZ	EUR	3,0350	3,5500	3,0350	7295,0000	2	3,3100	2100				
Certificate	DE000CJ3PQW8	K S 15.67TL OPENZ	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000CE6BQV8	KBC LEVOPENZ	EUR	46,9350	46,9350	46,9350			46,9350					
Certificate	DE000CE6BQL9	KBC SHROPENZ	EUR	9,3800	9,3800	9,3800			9,3800					
Certificate	NL0010280178	KBC 16TL OPENB	EUR	47,0100	47,0100	46,2400			46,2400					
Certificate	DE000CX59GG3	KBC 45TL OPENC	EUR	2,1400	2,1400	2,1400			2,1400					
Certificate	NL0011978952	KBC 46TL OPENH	EUR	2,2000	2,2000	2,1300			2,1300					
Certificate	NL0011978945	KBC 47TL OPENH	EUR	2,1100	2,1100	2,0400			2,0400					
Certificate	NL0011990361	KBC 48TL OPENH	EUR	2,0200	2,0200	1,9600			1,9600					
Certificate	DE000CX59A74	KBC 50TL OPENC	EUR	1,9300	1,9300	1,9300			1,9300					
Certificate	DE000CX59GH1	KBC 50TL OPENC	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CX59KS0	KBC 55TL OPENC	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CP062K9	KBC 55TL OPENC	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	DE000CP060N7	KBC 55TL OPENC	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	DE000CX59Q27	KBC 55TL OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000CY50305	KBC 60TL OPENC	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CY16WY1	KBC 60TL OPENC	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CQ5AWS2	KBC 65TL OPENC	EUR											
Certificate	DE000CQ58Z67	KBC 65TS OPENC	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000CP06WU8	KBC 68TS OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0012796163	KBC 70BON1219Z	EUR											
Certificate	DE000CQ58FG0	KBC 70TS OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	DE000CQ58E96	KBC 70TS OPENC	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CQ5AKE7	KBC 75TS OPENC	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CQ5AD07	KBC 75TS OPENC	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000CQ58BV20	KBC 80TS OPENC	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000CQ5AD15	KBC 80TS OPENC	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CQ5A7V2	KBC 80TS OPENC	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0011994009	KBC 81TS OPENH	EUR	3,3500	3,4200	3,3500			3,4200					
Certificate	DE000CY52QZ5	KBC 85TS OPENC	EUR	2,2100	2,2100	2,2100			2,2100					
Certificate	DE000CY51GZ8	KBC 90TS OPENC	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	DE000CQ5APQ0	KBC 90TS OPENC	EUR	2,7300	2,7300	2,7300			2,7300					
Certificate	DE000CY16WZ8	KBC 90TS OPENC	EUR	2,4800	2,4800	2,4800			2,4800					
Certificate	NL0010046579	KBC 3.9TL OPENB	EUR	58,3000	58,3000	57,5300			57,5300					
Certificate	DE000CK6UX27	KBC 13.8TL OPENZ	EUR	48,2050	48,2050	48,2050			48,2050					
Certificate	NL0010284618	KBC 19.3TL OPENB	EUR	43,9500	43,9500	43,1800			43,1800					
Certificate	NL0011042296	KBC 24.3TL OPENH	EUR	4,0800	4,0800	4,0200			4,0200					
Certificate	NL0010517561	KBC 27.9TL OPENB	EUR	35,9700	35,9700	35,2000			35,2000					
Certificate	NL0011891346	KBC 31.3TL OPENH	EUR	3,4700	3,4700	3,4000			3,4000					
Certificate	NL0010903977	KBC 32.7TL OPENB	EUR	31,4900	31,4900	30,6900			30,6900					
Certificate	NL0010903985	KBC 35.4TL OPENB	EUR	28,9900	28,9900	28,1900			28,1900					
Certificate	NL0011928981	KBC 39.7TL OPENH	EUR	2,7400	2,7400	2,6700			2,6700					
Certificate	NL0011933957	KBC 40.3TL OPENH	EUR	2,6900	2,6900	2,6200			2,6200					
Certificate	NL0011934724	KBC 42.4TL OPENH	EUR	2,5100	2,5100	2,4400			2,4400					
Certificate	NL0011935606	KBC 42.9TL OPENH	EUR	2,4700	2,4700	2,4000			2,4000					
Certificate	NL0011970538	KBC 43.9TL OPENH	EUR	2,3800	2,3800	2,3100			2,3100					
Certificate	NL0011970520	KBC 44.9TL OPENH	EUR	2,2900	2,2900	2,2200			2,2200					
Certificate	NL0012021166	KBC 45.7TL OPENB	EUR	19,3900	19,3900	18,5900			18,5900					
Certificate	NL0011990924	KBC 49.1TL OPENH	EUR	1,9200	1,9200	1,8600			1,8600					
Certificate	NL0012024095	KBC 49.38L OPENB	EUR	13,2400	13,2400	12,4400			12,4400					
Certificate	NL0012894661	KBC 50.3TL OPENH	EUR	1,8200	1,8200	1,7600			1,7600					
Certificate	NL0011996996	KBC 51.2TL OPENH	EUR	1,7400	1,7400	1,6800			1,6800					
Certificate	NL0012196422	KBC 53.1TL OPENH	EUR	1,5800	1,5800	1,5100			1,5100					
Certificate	NL0012115133	KBC 53.5TL OPENB	EUR	12,1400	12,1400	11,3200	3122,2000	2	11,3400	270				
Certificate	NL0011994058	KBC 54.2TL OPENH	EUR											
Certificate	NL0012365381	KBC 54.3TL OPENH	EUR	1,4700	1,4700	1,4100			1,4100					
Certificate	NL0012199665	KBC 55.2TL OPENH	EUR	1,3900	1,3900	1,3200			1,3200					
Certificate	NL0012116750	KBC 56.1TL OPENB	EUR	9,7700	9,7700	8,9700			8,9700					
Certificate	NL0012214530	KBC 56.2TL OPENH	EUR	1,3000	1,3000	1,2400			1,2400					
Certificate	NL0011997317	KBC 56.2TL OPENH	EUR											
Certificate	NL0012214522	KBC 57.3TL OPENH	EUR	1,2200	1,2200	1,1500			1,1500					
Certificate	NL0012214514	KBC 58.3TL OPENH	EUR	1,1300	1,1300	1,0600			1,0600					
Certificate	NL0012260095	KBC 58.6TL OPENB	EUR	7,4100	7,4100	6,6100			6,6100					
Certificate	NL0012214506	KBC 59.3TL OPENH	EUR	1,0400	1,0400	0,9700			0,9700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013015019	KBC 63.78S OPENB	EUR	2,4800	3,2200	2,4800			3,2200					
Certificate	NL0013085400	KBC 66.1TS OPENH	EUR	1,6000	1,6700	1,6000			1,6700					
Certificate	NL0013011885	KBC 66.6TS OPENB	EUR	10,0700	10,8100	10,0700			10,8100					
Certificate	NL0012909626	KBC 69.1TS OPENH	EUR	1,9500	2,0300	1,9500			2,0300					
Certificate	NL0012793533	KBC 71.6TS OPENB	EUR	15,5200	16,2600	15,5200			16,2600					
Certificate	NL0012594980	KBC 72.8TS OPENH	EUR	2,3800	2,4600	2,3800			2,4600					
Certificate	NL0012847131	KBC 74.9TS OPENH	EUR	2,6400	2,7100	2,6400			2,7100					
Certificate	NL0012555940	KBC 76.2TS OPENH	EUR	2,7900	2,8700	2,7900			2,8700					
Certificate	NL0012555932	KBC 78.2TS OPENH	EUR	3,0200	3,1000	3,0200			3,1000					
Certificate	NL0012676084	KBC 81.6TS OPENB	EUR	26,3000	27,0400	26,3000			27,0400					
Certificate	NL0012313001	KBC 90.1TS OPENH	EUR	4,4200	4,5000	4,4200			4,5000					
Certificate	NL0012312995	KBC 95.9TS OPENH	EUR	5,1000	5,1800	5,1000			5,1800					
Certificate	NL0012312987	KBC 101.7TS OPENH	EUR	5,7900	5,8600	5,7900			5,8600					
Certificate	NL0012520449	KBC 108.5TS OPENH	EUR	6,5800	6,6600	6,5800			6,6600					
Certificate	NL0012557862	KBC 115.5TS OPENH	EUR	7,4100	7,4800	7,4100			7,4800					
Certificate	DE000C279T69	KBC 28.65TL OPENZ	EUR	32,9650	32,9650	32,9650			32,9650					
Certificate	DE000C27DPG0	KBC 37.39TL OPENZ	EUR	24,2350	24,2350	24,0600	384,9600	1	24,0600	16				
Certificate	NL0011909072	KBC 41.37BL OPENB	EUR	21,1700	21,1700	20,3700			20,3700					
Certificate	DE000CV89BW2	KBC 42.97TL OPENZ	EUR											
Certificate	NL0011916838	KBC 44.01BL OPENB	EUR	18,5300	18,5300	17,7300			17,7300					
Certificate	DE000CD62ML7	KBC 44.45TL OPENZ	EUR	18,7350	18,7350	18,7350			18,7350					
Certificate	DE000CD62ME2	KBC 47.05TL OPENZ	EUR	14,5900	14,8400	14,5900	2077,6000	1	14,8400	140				
Certificate	DE000CD63AN6	KBC 50.03TL OPENZ	EUR	11,6350	11,6350	11,6350			11,6350					
Certificate	NL0012029680	KBC 51.93BL OPENB	EUR	10,6100	10,6100	9,8100			9,8100					
Certificate	DE000CD63Y66	KBC 52.69TL OPENZ	EUR	10,8150	10,8150	10,8150			10,8150					
Certificate	DE000CD63PO7	KBC 53.01TL OPENZ	EUR	8,6800	8,6800	8,6800			8,6800					
Certificate	NL0012037030	KBC 54.56BL OPENB	EUR	7,9800	7,9800	7,1400	1651,8000	3	7,1800	230				
Certificate	DE000CE68TQ2	KBC 55.99TL OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	NL0012116008	KBC 57.16BL OPENB	EUR	5,3800	5,3800	4,5800			4,5800					
Certificate	DE000CE6CGD5	KBC 58.96TL OPENZ	EUR	0,3200	0,3200	0,2500	1785,0000	4	0,2500	6000				
Certificate	NL0012793905	KBC 68.69BS OPENB	EUR	7,4700	8,2100	7,4700			8,2100					
Certificate	DE000CV898M4	KBC 70.17TS OPENZ	EUR											
Certificate	NL0012771174	KBC 73.61BS OPENB	EUR	12,3900	13,1300	12,3900			13,1300					
Certificate	DE000CV883R5	KBC 74.16TS OPENZ	EUR											
Certificate	DE000CE6E5Z8	KBC 78.12TS OPENZ	EUR											
Certificate	DE000CV885A6	KBC 82.12TS OPENZ	EUR											
Certificate	NL0012700090	KBC 83.34BS OPENB	EUR	22,1200	22,8600	22,1200			22,8600					
Certificate	DE000CV42MK3	KBC 86.11TS OPENZ	EUR											
Certificate	DE000CD62Z82	KBCA 23.47TL OPENZ	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	DE000CD62Z90	KBCA 25.94TL OPENZ	EUR	1,5550	1,5550	1,5550			1,5550					
Certificate	DE000CD62ZA2	KBCA 28.42TL OPENZ	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000CD63Z57	KBCA 33.06TL OPENZ	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	NL0013014798	KBCA 35.19BL OPENB	EUR	0,7300	0,7300	0,6100			0,6100					
Certificate	DE000CD64C53	KBCA 36.15TL OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	NL0012996599	KBCA 37.18BL OPENB	EUR	0,5300	0,5300	0,4100	1380,0000	1	0,4100	3000				
Certificate	NL0012992739	KBCA 39.19BL OPENB	EUR	0,3300	0,3300	0,2100			0,2100					
Certificate	DE000CE6CKW7	KBCA 39.25TL OPENZ	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	NL0013015001	KBCA 43.22BS OPENB	EUR	0,2300	0,3400	0,2300			0,3400					
Certificate	NL0012993018	KBCA 46.21BS OPENB	EUR	0,5300	0,6400	0,5300			0,6400					
Certificate	DE000CV89R89	KBCA 47.31TS OPENZ	EUR	0,8950	0,8950	0,8950			0,8950					
Certificate	NL0012993026	KBCA 49.19BS OPENB	EUR	0,8200	0,9400	0,8200			0,9400					
Certificate	DE000CV42ZL3	KBCA 52.13TS OPENZ	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	DE000CV425G9	KBCA 57.87TS OPENZ	EUR	1,9950	1,9950	1,9950			1,9950					
Certificate	DE000VL51258	KC1 LEVOPENV	EUR											
Certificate	NL0012779102	KER 351.7L OPENB	EUR	10,1500	10,4900	10,0000	9251,6300	7	10,1500	905				
Certificate	NL0013015902	KER 361.7L OPENB	EUR	8,5200	8,5200	8,5200			8,5200					
Certificate	NL0013010168	KER 407.7S OPENB	EUR											
Certificate	NL0013007990	KER 427.7S OPENB	EUR	4,0400	4,0400	3,9800	239,4000	1	3,9800	60				
Certificate	NL0012026207	KER 173.2TL OPENB	EUR	27,9600	27,9600	27,9600			27,9600					
Certificate	NL0012261069	KER 239.2TL OPENB	EUR	21,3500	21,3500	21,3500			21,3500					
Certificate	NL0012261077	KER 248.7TL OPENB	EUR	20,3900	20,3900	20,3900			20,3900					
Certificate	NL0012265763	KER 258.1TL OPENB	EUR	19,4500	19,4500	19,4500			19,4500					
Certificate	NL0012272058	KER 267.3TL OPENB	EUR	18,5400	18,5400	18,5400			18,5400					
Certificate	DE000CJ3N2X1	KER 269.3TL OPENZ	EUR	3,0200	3,0200	3,0200			3,0200					
Certificate	NL0012493597	KER 285.8TL OPENB	EUR	16,6800	16,6800	16,6800			16,6800					
Certificate	NL0012500508	KER 313.8TL OPENB	EUR	13,8700	13,8700	13,8700			13,8700					
Certificate	DE000CV4YZ04	KER 314.8TL OPENZ	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	NL0012502991	KER 323.1TL OPENB	EUR	12,9400	12,9400	12,7700	127,8000	1	12,9400	10				
Certificate	NL0012503007	KER 332.6TL OPENB	EUR	11,9900	11,9900	11,9900			11,9900					
Certificate	DE000CJ3PLH0	KER 354.6TL OPENZ	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0013005945	KER 446.9TS OPENB	EUR	6,1900	6,1900	5,9300	59,3000	1	6,1700	10				
Certificate	NL0013004955	KER 466.8TS OPENB	EUR	8,3300	8,3300	8,3100			8,3100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012985493	KER 486.2TS OPENB	EUR	10,4300	10,4300	10,4100			10,4100					
Certificate	NL0013004278	KER 506.7TS OPENB	EUR	12,6400	12,6400	12,6200			12,6200					
Certificate	DE000CV8AYG0	KGF 1.808TL OPENZ	EUR	0,9400	0,9400	0,9400				0,9400				
Certificate	DE000CD64FX2	KGF 2.309TL OPENZ	EUR	0,4000	0,4000	0,3700				0,3700				
Certificate	NL0013016447	KIN 36.2BL OPENB	EUR	1,3650	1,4350	1,3650				1,4350				
Certificate	DE000CE6D4V1	KIN 38.3TL OPENZ	EUR	1,4450	1,4450	1,4450				1,4450				
Certificate	DE000CE6D3A7	KIN 42.6TL OPENZ	EUR	1,0450	1,0450	1,0450				1,0450				
Certificate	DE000CJ3PM14	KIN 26.97TL OPENZ	EUR	2,4850	2,4850	2,4850				2,4850				
Certificate	DE000CJ3NOE5	KIN 30.47TL OPENZ	EUR	2,1650	2,1650	2,1650				2,1650				
Certificate	DE000CE6D6E2	KIN 34.47TL OPENZ	EUR	1,7500	1,7950	1,7500	2164,3900	6		1,7950	1227			
Certificate	NL0013005085	KIN 39.21BL OPENB	EUR	1,0550	1,1350	1,0550				1,1350				
Certificate	NL0013004393	KIN 42.21BL OPENB	EUR	0,7550	0,8350	0,7550				0,8350				
Certificate	NL0013018377	KIN 45.21BL OPENB	EUR	0,4550	0,5350	0,4550				0,5350				
Certificate	DE000CJ3PWC8	KIN 46.24TL OPENZ	EUR	0,7050	0,7050	0,7050				0,7050				
Certificate	NL0013016652	KIN 47.69BS OPENB	EUR											
Certificate	NL0013005200	KIN 52.67BS OPENB	EUR	0,4850	0,4850	0,3850				0,3850				
Certificate	NL0012993034	KIN 57.64BS OPENB	EUR	0,9750	0,9750	0,8750				0,8750				
Certificate	NL0012993042	KIN 62.61BS OPENB	EUR	1,4750	1,4750	1,3750				1,3750				
Certificate	NL0012031355	KLPIR 25.3TL OPENB	EUR	7,0700	7,0700	6,4500				6,4500				
Certificate	NL0011818661	KLPIR 27.8TL OPENB	EUR	4,6800	4,6800	4,0600				4,0600				
Certificate	NL0011092424	KLPIR 38.4TS OPENB	EUR	11,0700	11,6400	11,0700				11,6400				
Certificate	DE000CV88979	KLPIR19.81TL OPENZ	EUR	5,0700	5,0700	5,0700				5,0700				
Certificate	NL0013010572	KLPIR24.48BL OPENB	EUR	0,6550	0,6550	0,5850				0,5850				
Certificate	DE000CE6E8X7	KLPIR24.84TL OPENZ	EUR	2,5500	2,5500	2,5500				2,5500				
Certificate	NL0012994743	KLPIR25.98BL OPENB	EUR	0,5050	0,5050	0,4350				0,4350				
Certificate	NL0012979686	KLPIR27.49BL OPENB	EUR	0,3550	0,3550	0,2850				0,2850				
Certificate	DE000CNGH8K2	KLPIR28.34TL OPENZ	EUR	1,0500	1,0500	0,8200				0,8200				
Certificate	NL0013146459	KLPIR28.99BL OPENB	EUR	0,2050	0,2050	0,1350				0,1350				
Certificate	NL0013004765	KLPIR30.37BS OPENB	EUR											
Certificate	NL0012977839	KLPIR33.36BS OPENB	EUR	0,3350	0,3950	0,3350				0,3950				
Certificate	NL0012977847	KLPIR36.32BS OPENB	EUR	0,6350	0,6850	0,6350				0,6850				
Certificate	DE000CV89VP4	KNIN 101.3TL OPENZ	EUR	3,5650	3,5650	3,5650				3,5650				
Certificate	DE000CV508U2	KNIN 121.9TL OPENZ	EUR	1,8050	1,8050	1,8050				1,8050				
Certificate	XS1408340252	KPN STN0519B	EUR	76,7000	76,7000	76,7000				76,7000				
Certificate	DE000CQ580D4	KPN 2TL OPENC	EUR	0,4100	0,4100	0,4100				0,4100				
Certificate	DE000CP06644	KPN 2TL OPENC	EUR	0,6700	0,6700	0,6700				0,6700				
Certificate	DE000CQ582Q2	KPN 2TL OPENC	EUR	0,6900	0,6900	0,6900				0,6900				
Certificate	DE000CV52BP8	KPN 3TL OPENC	EUR											
Certificate	DE000CV52A13	KPN 3TL OPENC	EUR											
Certificate	DE000CQ582T6	KPN 3TS OPENC	EUR	1,0900	1,0900	1,0900				1,0900				
Certificate	DE000CQ580G7	KPN 3TS OPENC	EUR	0,6600	0,6600	0,6600				0,6600				
Certificate	NL0010154480	KPN 4TL OPENA	EUR											
Certificate	NL0010380127	KPN 0.6TL OPENB	EUR	1,8450	1,8450	1,8450				1,8450				
Certificate	NL0010439741	KPN 0.7TL OPENB	EUR	1,7350	1,7350	1,7350				1,7350				
Certificate	NL0010446142	KPN 1.1TL OPENB	EUR	1,3750	1,3750	1,3750				1,3750				
Certificate	DE000CP06WTO	KPN 1.5TL OPENC	EUR	0,8900	0,8900	0,8900				0,8900				
Certificate	DE000CP065H8	KPN 1.7TL OPENC	EUR	0,6900	0,6900	0,6900				0,6900				
Certificate	DE000CP06628	KPN 1.7TL OPENC	EUR	0,9200	0,9200	0,9200				0,9200				
Certificate	NL0011044581	KPN 1.7TL OPENH	EUR	0,8700	0,8700	0,8400				0,8400				
Certificate	DE000CP06636	KPN 1.8TL OPENC	EUR	0,8400	0,8400	0,8400				0,8400				
Certificate	DE000CP065J4	KPN 1.8TL OPENC	EUR	0,5900	0,5900	0,5900				0,5900				
Certificate	NL0011044573	KPN 1.8TL OPENH	EUR	0,7700	0,7700	0,7400				0,7400				
Certificate	DE000CP065K2	KPN 1.9TL OPENC	EUR	0,4900	0,4900	0,4900				0,4900				
Certificate	DE000CP065L0	KPN 2.1TL OPENC	EUR	0,2900	0,2900	0,2900				0,2900				
Certificate	DE000CP06651	KPN 2.1TL OPENC	EUR	0,5900	0,5900	0,5900				0,5900				
Certificate	DE000CJ3PE48	KPN 2.2TL 1218Z	EUR	0,1550	0,1550	0,1550				0,1550				
Certificate	NL0013003254	KPN 2.5BOC0919B	EUR	2,3000	2,3000	2,3000				2,3000				
Certificate	DE000CP062J1	KPN 2.5TS OPENC	EUR	0,5800	0,5800	0,5800				0,5800				
Certificate	DE000CQ58T99	KPN 2.5TS OPENC	EUR	0,2200	0,2200	0,2200				0,2200				
Certificate	DE000CP06685	KPN 2.6TS OPENC	EUR	0,6900	0,6900	0,6900				0,6900				
Certificate	DE000CP065P1	KPN 2.6TS OPENC	EUR	0,3200	0,3200	0,3200				0,3200				
Certificate	DE000CP065Q9	KPN 2.7TS OPENC	EUR	0,4200	0,4200	0,4200				0,4200				
Certificate	NL0012649057	KPN 2.8BOC1218Z	EUR	2,7650	2,7650	2,7650				2,7650				
Certificate	NL0012648794	KPN 2.8BOC0619Z	EUR	2,5450	2,5450	2,5450				2,5450				
Certificate	NL0012649073	KPN 2.9BOC0619Z	EUR	2,6850	2,6850	2,6850				2,6850				
Certificate	NL0012649065	KPN 2.9BOC1218Z	EUR	2,7450	2,7450	2,7450				2,7450				
Certificate	NL0012236236	KPN 3.18ON1218Z	EUR	2,3400	2,3400	2,3400				2,3400				
Certificate	NL0012649081	KPN 3.3BOC0619Z	EUR	2,6150	2,6150	2,6150				2,6150				
Certificate	NL0012648414	KPN 3.3BOC1218Z	EUR	2,3400	2,3400	2,3400				2,3400				
Certificate	NL0012648422	KPN 3.4BOC0619Z	EUR	2,6450	2,6450	2,6450				2,6450				
Certificate	NL0012236285	KPN 3.4BOC1218Z	EUR	2,3400	2,3400	2,3400				2,3400				
Certificate	NL0010248548	KPN 4.2TS OPENB	EUR	2,2650	2,2650	2,2650				2,2650				



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	NL0009809987	KPN 7.1TS OPENB	EUR	5,4050	5,4050	5,4050			5,4050					
Certificate	NL0010887550	KPN 1.26TL OPENB	EUR	1,1950	1,1950	1,1750			1,1750					
Certificate	NL0011044607	KPN 1.32TL OPENH	EUR	1,2600	1,2600	1,2300			1,2300					
Certificate	NL0010893657	KPN 1.59TL OPENB	EUR	0,8950	0,8950	0,8750			0,8750					
Certificate	DE000CV882B1	KPN 1.75TL OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	NL0010923660	KPN 1.83TL OPENB	EUR	0,6550	0,6550	0,6350			0,6350					
Certificate	DE000CV8ABK0	KPN 1.85TL 1218Z	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	DE000CR4GYN8	KPN 1.87TL OPENZ	EUR	0,5250	0,5250	0,4750			0,4750					
Certificate	NL0011044565	KPN 1.89TL OPENH	EUR	0,6700	0,6700	0,6400			0,6400					
Certificate	DE000CV881Q1	KPN 1.95TL OPENZ	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	NL0011044557	KPN 1.99TL OPENH	EUR	0,5700	0,5700	0,5400			0,5400					
Certificate	LU1817100552	KPN 2.04TCIOPENS	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CV88CJ8	KPN 2.05TL 1218Z	EUR	0,2950	0,2950	0,2950			0,2950					
Certificate	NL0012893267	KPN 2.06TL OPENH	EUR	0,4500	0,4500	0,4300			0,4300					
Certificate	NL0010931887	KPN 2.12TL OPENB	EUR	0,3950	0,3950	0,3750			0,3750					
Certificate	DE000CV88CT7	KPN 2.17TL OPENZ	EUR	0,2650	0,2650	0,2650			0,2650					
Certificate	LU1859832427	KPN 2.19TCIOPENS	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000C058Z59	KPN 2.25TL OPENC	EUR	0,1400	0,1400	0,1400			0,1400					
Certificate	DE000CJ3PV56	KPN 2.27TL OPENZ	EUR	0,0980	0,0980	0,0800	173,7000	2	0,0800	1800				
Certificate	NL0013018161	KPN 2.42TS OPENB	EUR	0,2550	0,2750	0,2550			0,2750					
Certificate	NL0012888713	KPN 2.43TS OPENH	EUR	0,2800	0,3000	0,2800			0,3000					
Certificate	NL0012864755	KPN 2.53TS OPENH	EUR	0,3800	0,4000	0,3800			0,4000					
Certificate	NL0012936264	KPN 2.63TS OPENH	EUR	0,4900	0,5100	0,4900			0,5100					
Certificate	NL0012682991	KPN 2.67TS OPENB	EUR	0,5250	0,5450	0,5250			0,5450					
Certificate	NL0012864748	KPN 2.73TS OPENH	EUR	0,5900	0,6200	0,5900			0,6200					
Certificate	NL0012976641	KPN 2.75BOC0619B	EUR	2,4400	2,4400	2,4100			2,4100					
Certificate	DE000CP06ZY3	KPN 2.75TS OPENC	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	NL0011051180	KPN 2.94TS OPENH	EUR	0,9100	0,9400	0,9100			0,9400					
Certificate	NL0012369805	KPN 3.13TS OPENH	EUR	1,0400	1,0600	1,0400			1,0600					
Certificate	NL0012494603	KPN 3.25BOC1218B	EUR	2,3800	2,3800	2,3600			2,3600					
Certificate	NL0012993729	KPN 1.436BL OPENB	EUR	0,9850	0,9850	0,9650			0,9650					
Certificate	DE000CV89BX0	KPN 1.485TL OPENZ	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0012775076	KPN 1.586BL OPENB	EUR	0,8350	0,8350	0,8150			0,8150					
Certificate	DE000CZ7D080	KPN 1.691TL OPENZ	EUR	0,7050	0,7050	0,6450	660,0000	1	0,6450	1000				
Certificate	NL0012684468	KPN 1.737BL OPENB	EUR	0,6850	0,6850	0,6650			0,6650					
Certificate	DE000CZ7E039	KPN 1.771TL OPENZ	EUR	0,6250	0,6250	0,5750			0,5750					
Certificate	DE000CX59KQ4	KPN 1.862TL OPENC	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	LU1719605922	KPN 1.873TCIOPENS	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	NL0012016182	KPN 1.889BL OPENB	EUR	0,5250	0,5250	0,5050			0,5050					
Certificate	DE000VASRRB7	KPN 1.921TL OPENV	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	DE000CV50947	KPN 1.965TL OPENZ	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	DE000VASRRCS	KPN 2.021TL OPENV	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0011443270	KPN 2.047BL OPENB	EUR	0,3550	0,3550	0,3350	210,0000	1	0,3350	600				
Certificate	DE000CR4H359	KPN 2.066TL OPENZ	EUR	0,3350	0,3350	0,2750	435,0000	1	0,2750	1500				
Certificate	DE000VASRRD3	KPN 2.121TL OPENV	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	DE000CV88C20	KPN 2.169TL OPENZ	EUR	0,1800	0,1800	0,1750	900,0000	1	0,1750	5000				
Certificate	NL0012998918	KPN 2.198BL OPENB	EUR	0,2250	0,2250	0,2050			0,2050					
Certificate	DE000VA6ED06	KPN 2.223TL OPENV	EUR	0,1300	0,1350	0,1300	208,0000	2	0,1300	1600				
Certificate	DE000CJ3PA42	KPN 2.272TL OPENZ	EUR											
Certificate	NL0013017726	KPN 2.411BS OPENB	EUR	0,1150	0,1350	0,1150			0,1350					
Certificate	DE000VA8F3X3	KPN 2.418TS OPENV	EUR	0,1000	0,1000	0,1000			0,1000					
Certificate	DE000VASRRA9	KPN 2.527TS OPENV	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CV505Q6	KPN 2.576TS OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	DE000VA6ED22	KPN 2.624TS OPENV	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	LU1719345917	KPN 2.685TCIOPENS	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	NL0012681936	KPN 2.711BS OPENB	EUR	0,4150	0,4350	0,4150			0,4350					
Certificate	DE000VA71W68	KPN 2.719TS OPENV	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000CV4ZZF5	KPN 2.824TS OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	NL0012693766	KPN 2.911TS OPENB	EUR	0,7850	0,8050	0,7850			0,8050					
Certificate	LU1612244134	KPN 2.998TCIOPENS	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0011443346	KPN 3.003BS OPENB	EUR	0,6850	0,7050	0,6850			0,7050					
Certificate	DE000CR9PEN0	KPN 3.072TS OPENZ	EUR	0,6950	0,7450	0,6950			0,7450					
Certificate	LU1612320686	KPN 3.186TCIOPENS	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CN6KQ63	KPN 3.417TS OPENZ	EUR	1,0350	1,0850	1,0350			1,0850					
Certificate	NL0012269484	KPN 3.556BS OPENB	EUR	1,2550	1,2750	1,2550			1,2750					
Certificate	NL0013015910	KVV 11.4TL OPENB	EUR	5,3750	5,3750	5,3750			5,3750					
Certificate	NL0013009715	KVV 13.4TL OPENB	EUR	3,5950	3,5950	3,5950			3,5950					
Certificate	NL0013010184	KVV 18.1TS OPENB	EUR	3,6750	3,6750	3,6750			3,6750					
Certificate	NL0012980031	KVV 20.1TS OPENB	EUR	5,8050	5,8050	5,8050			5,8050					
Certificate	NL0012978753	KVV 22.1TS OPENB	EUR	7,9450	7,9450	7,9450			7,9450					
Certificate	DE000CJ3N8Y6	KVV 9.76TL OPENZ	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	DE000CV8AZR4	KVV 10.76TL OPENZ	EUR	1,2050	1,2050	1,2050			1,2050					



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	DE000CV89SU0	KVV 11.87TL OPENZ	EUR	1,0050	1,0050	1,0050			1,0050					
Certificate	DE000CV89SV8	KVV 12.95TL OPENZ	EUR	0,8100	0,8100	0,8050	405,0000	1	0,8050	500				
Certificate	DE000CV89SW6	KVV 14.03TL OPENZ	EUR	0,6000	0,6050	0,6000	2400,0000	6	0,6050	4000				
Certificate	DE000CJ3PM22	KVV 15.03TL OPENZ	EUR	0,4150	0,4150	0,4150								
Certificate	NL0011977848	LANXE 50.1TL OPENH	EUR	1,0600	1,0600	1,0500				1,0500				
Certificate	NL0012057616	LANXE 82.9TS OPENH	EUR	3,1800	3,1800	3,1800				3,1800				
Certificate	DE000CJ3PAH3	LANXE37.41TL OPENZ	EUR	2,0000	2,0000	2,0000	12000,0000	2	2,0000	6000				
Certificate	NL0011927900	LANXE38.78TL OPENH	EUR	2,1100	2,1100	2,1100				2,1100				
Certificate	DE000CD62MF9	LANXE45.46TL OPENZ	EUR	1,0900	1,2000	1,0900				1,2000				
Certificate	NL0011976055	LANXE47.01TL OPENH	EUR	1,3500	1,3500	1,3400				1,3400				
Certificate	NL0013126766	LANXE58.02TS OPENH	EUR	0,5100	0,5100	0,5100				0,5100				
Certificate	NL0013079353	LANXE63.96TS OPENH	EUR	1,1500	1,1500	1,1500				1,1500				
Certificate	NL0012897979	LANXE67.39TS OPENH	EUR	1,5100	1,5200	1,5100				1,5200				
Certificate	NL0012894281	LANXE70.34TS OPENH	EUR	1,8300	1,8300	1,8300				1,8300				
Certificate	NL0012559843	LANXE72.17TS OPENH	EUR	2,0300	2,0300	2,0300				2,0300				
Certificate	NL0012581045	LANXE72.38TS OPENH	EUR	2,0500	2,0500	2,0500				2,0500				
Certificate	NL0012915631	LANXE78.09TS OPENH	EUR	2,6700	2,6700	2,6700				2,6700				
Certificate	NL0012581557	LANXE78.28TS OPENH	EUR	2,6900	2,6900	2,6900				2,6900				
Certificate	NL0012557920	LANXE80.01TS OPENH	EUR	2,8700	2,8700	2,8700				2,8700				
Certificate	FR0013123726	LDAX1 LEVOPENS	EUR											
Certificate	DE000CV89NE5	LEGRD41.38TL OPENZ	EUR	1,5900	1,5900	1,5900				1,5900				
Certificate	DE000CV4YXL1	LEGRD51.38TL OPENZ	EUR	0,6000	0,6000	0,6000				0,6000				
Certificate	DE000CV87TW8	LHN 31.3TL OPENZ	EUR	0,9700	0,9700	0,9700				0,9700				
Certificate	DE000CV8BC46	LHN 26.26TL OPENZ	EUR	1,4700	1,4700	1,4700				1,4700				
Certificate	DE000CJ3PPR0	LHN 35.29TL OPENZ	EUR	0,5700	0,5700	0,5700				0,5700				
Certificate	DE000CJ3PFH2	LHNS 31.25TL OPENZ	EUR	2,8600	2,8600	2,8600				2,8600				
Certificate	DE000CV8AV69	LHNS 36.25TL OPENZ	EUR	2,0100	2,0100	2,0100				2,0100				
Certificate	DE000CJ3PPR0	LHNS 41.75TL OPENZ	EUR	1,0700	1,0700	1,0700				1,0700				
Certificate	DE000CP06WV6	LIGHT 14TL OPENC	EUR	0,8400	0,8400	0,8400				0,8400				
Certificate	DE000CP06ZZ0	LIGHT 16TL OPENC	EUR	0,6900	0,6900	0,6900				0,6900				
Certificate	DE000CP06WW4	LIGHT 16TL OPENC	EUR	0,6400	0,6400	0,6400				0,6400				
Certificate	DE000CP069H0	LIGHT 18TL OPENC	EUR	0,4900	0,4900	0,4900				0,4900				
Certificate	LU1859904861	LIGHT 19TCIOPENS	EUR	3,4000	3,4000	3,4000				3,4000				
Certificate	DE000CQ5BZ75	LIGHT 20TL OPENC	EUR	0,2400	0,2400	0,2400				0,2400				
Certificate	DE000CQ5ASY8	LIGHT 23TL OPENC	EUR											
Certificate	DE000CP06PL1	LIGHT 25TS OPENC	EUR	0,4500	0,4500	0,4500				0,4500				
Certificate	DE000CP06NX1	LIGHT 25TS OPENC	EUR	0,3600	0,3600	0,3600				0,3600				
Certificate	DE000CP069J6	LIGHT 26TS OPENC	EUR	0,5500	0,5500	0,5500				0,5500				
Certificate	DE000CP06941	LIGHT 26TS OPENC	EUR	0,3500	0,4500	0,3500	70,0000	1	0,4500	200				
Certificate	DE000CQ5BKK5	LIGHT 18.TL OPENC	EUR	0,4300	0,4300	0,4300				0,4300				
Certificate	DE000CQ5B2U4	LIGHT 20.1TL OPENC	EUR											
Certificate	NL0012785539	LIGHT 26.78S OPENB	EUR	4,0300	4,9800	4,0300				4,9800				
Certificate	DE000CQ5B2W0	LIGHT 27.9TS OPENC	EUR	0,7400	0,7400	0,7400				0,7400				
Certificate	DE000CQ5B2X8	LIGHT 29.9TS OPENC	EUR	0,9400	0,9400	0,9400				0,9400				
Certificate	NL0012690796	LIGHT 35.2TS OPENB	EUR	15,1600	16,1100	15,1600				16,1100				
Certificate	DE000CJ3N294	LIGHT13.14TL OPENZ	EUR	1,7700	1,7700	1,7700				1,7700				
Certificate	NL0013018419	LIGHT16.12BL OPENB	EUR	6,9700	6,9700	5,9900				5,9900				
Certificate	DE000CV88KN4	LIGHT16.17TL OPENZ	EUR	1,1600	1,1600	1,1600				1,1600				
Certificate	DE000CD611L5	LIGHT16.42TL OPENZ	EUR	7,1000	7,1000	6,4450	710,0000	1	6,4450	100				
Certificate	NL0012025951	LIGHT16.73TL OPENB	EUR	7,3400	7,3400	6,3600				6,3600				
Certificate	NL0013018427	LIGHT17.12BL OPENB	EUR	5,9700	5,9700	4,9900				4,9900				
Certificate	LU1841120865	LIGHT17.37TCIOPENS	EUR	4,8900	4,8900	4,8800	244,5000	1	4,8800	50				
Certificate	DE000CJ3N0A3	LIGHT17.67TL OPENZ	EUR	0,8700	0,8700	0,8700				0,8700				
Certificate	NL0013018716	LIGHT17.79TL OPENB	EUR	6,3600	6,3600	5,3800				5,3800				
Certificate	NL0013005101	LIGHT18.13BL OPENB	EUR	4,9700	4,9700	3,9900				3,9900				
Certificate	DE000CD611K7	LIGHT18.52TL OPENZ	EUR	4,4550	4,4550	4,4550				4,4550				
Certificate	NL0012026231	LIGHT18.79TL OPENB	EUR	5,4300	5,4300	4,4500	2067,5000	2	4,4500	450				
Certificate	NL0013018799	LIGHT19.12BL OPENB	EUR	3,9700	3,9700	2,9900				2,9900				
Certificate	DE000CJ3PQ10	LIGHT19.17TL OPENZ	EUR	0,5700	0,5700	0,5700				0,5700				
Certificate	DE000CV89L93	LIGHT19.19TL OPENZ	EUR											
Certificate	LU1841120949	LIGHT19.54TCIOPENS	EUR											
Certificate	NL0013019151	LIGHT19.78TL OPENB	EUR	4,5000	4,5000	3,5200				3,5200				
Certificate	DE000CQ580H5	LIGHT20.02TL OPENC	EUR											
Certificate	NL0013018807	LIGHT20.12BL OPENB	EUR	2,9700	2,9700	1,9900				1,9900				
Certificate	LU1859907450	LIGHT20.17TCIOPENS	EUR	2,2600	2,2600	2,2600				2,2600				
Certificate	DE000CJ3PU89	LIGHT20.67TL OPENZ	EUR											
Certificate	DE000CJ3PVW8	LIGHT20.67TL OPENZ	EUR	0,2800	0,2800	0,2800				0,2800				
Certificate	NL0013018492	LIGHT20.73BS OPENB	EUR											
Certificate	NL0013146012	LIGHT20.78TL OPENB	EUR	3,5700	3,5700	2,5900				2,5900				
Certificate	LU1859912708	LIGHT21.09TCIOPENS	EUR	1,3800	1,3800	1,3800				1,3800				
Certificate	NL0013146533	LIGHT21.12BL OPENB	EUR	1,9700	1,9700	0,9900				0,9900				
Certificate	NL0013018203	LIGHT21.34TS 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	LU1859831296	LIGHT21.53TPIOPENS	EUR											
Certificate	LU1859906569	LIGHT21.61TPIOPENS	EUR											
Certificate	LU1841120279	LIGHT22.43TPIOPENS	EUR											
Certificate	NL0013005226	LIGHT22.72BS OPENB	EUR											
Certificate	DE000CQ5AV05	LIGHT22.98TL OPENC	EUR											
Certificate	NL0013002561	LIGHT23.34TS OPENB	EUR	2,3600	3,3100	2,3600			3,3100					
Certificate	DE000CJ3NOB1	LIGHT23.77TS OPENZ	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	LU1841120352	LIGHT23.88TPIOPENS	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	NL0013002231	LIGHT24.71BS OPENB	EUR	2,0400	2,9900	2,0400			2,9900					
Certificate	NL0013002579	LIGHT25.34TS OPENB	EUR	4,5250	5,5000	4,5250	275,0000	1	5,4700	50				
Certificate	DE000CV88KP9	LIGHT26.76TS OPENZ	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	LU1859913342	LIGHT26.89TPIOPENS	EUR	5,4300	5,4300	5,4300			5,4300					
Certificate	NL0012786131	LIGHT27.33TS OPENB	EUR	6,6600	7,6100	6,6600			7,6100					
Certificate	NL0012785547	LIGHT28.67BS OPENB	EUR	6,0000	6,9500	6,0000			6,9500					
Certificate	DE000CQ5AWT0	LIGHT28.67TS OPENC	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CV89NH8	LIGHT28.77TS OPENZ	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CQ5BOK9	LIGHT29.94TS OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CV4YYX4	LIGHT31.74TS OPENZ	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	DE000CJ3NP39	LIND1122.4TL OPENZ	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0012209258	LIND1147.3TL OPENH	EUR											
Certificate	DE000CE6DD58	LINDE 103.TL OPENZ	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	DE000CD62LA2	LINDE 86.2TL OPENZ	EUR	7,9400	7,9400	7,9400			7,9400					
Certificate	NL0011935630	LINDE125.2TL OPENH	EUR	4,1100	4,1100	3,2000			3,2000					
Certificate	NL0011975156	LINDE135.5TL OPENH	EUR	2,6200	2,6200	1,7100			1,7100					
Certificate	DE000CN6GLP9	LINDE67.97TL OPENZ	EUR	10,7500	10,7500	10,7500			10,7500					
Certificate	DE000CN6K2H6	LINDE76.52TL OPENZ	EUR	9,4300	9,4300	9,4300			9,4300					
Certificate	DE000CV87RQ4	LISP 4093TL OPENZ	EUR	2,3450	2,3450	2,3450			2,3450					
Certificate	DE000CE6CBE4	LISP 4600TL OPENZ	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000CE6E3M1	LISP 5195TL OPENZ	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	DE000CV88CY8	LISP 5690TL OPENZ	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	DE000CV89XL9	LISP 6183TL OPENZ	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	DE000CJ3NX21	LLOYD0.381TL OPENZ	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	DE000CN6J8W5	LLOYD0.438TL OPENZ	EUR	1,7850	1,8050	1,7850			1,8050					
Certificate	DE000CD625P6	LLOYD0.486TL OPENZ	EUR	1,2450	1,2650	1,2450			1,2650					
Certificate	DE000CD63Q25	LLOYD0.536TL OPENZ	EUR	0,6750	0,6950	0,6750			0,6950					
Certificate	DE000CR9SBA7	LMRTN208.9TL OPENZ	EUR	2,0000	2,0000	2,0000			2,0000					
Certificate	DE000CN6KY97	LMRTN229.5TL OPENZ	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CJ3N4Q1	LOGIT26.66TL OPENZ	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CJ3NU57	LOGIT31.16TL OPENZ	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0011800321	LOREA 148.TL OPENB	EUR	6,2850	6,4150	6,2850			6,4150					
Certificate	DE000CJ3NP47	LOREA 175.TL OPENZ	EUR	2,6650	2,6650	2,6650			2,6650					
Certificate	NL0012556179	LOREA 265.TS OPENH	EUR	8,6100	8,6100	8,5500			8,5500					
Certificate	NL0011418157	LOREA106.2TL OPENH	EUR	10,1800	10,2300	10,1800			10,2300					
Certificate	NL0011418140	LOREA116.7TL OPENH	EUR	9,2000	9,2600	9,2000			9,2600					
Certificate	NL0011418132	LOREA127.2TL OPENH	EUR	8,2300	8,2800	8,2300			8,2800					
Certificate	NL0010913471	LOREA127.4TL OPENB	EUR	8,2050	8,3350	8,2050			8,3350					
Certificate	DE000CR9QDV3	LOREA129.1TL OPENZ	EUR	7,2750	7,2750	7,2350			7,2350					
Certificate	NL0011418124	LOREA137.7TL OPENH	EUR	7,2500	7,3000	7,2500			7,3000					
Certificate	DE000CR6YDJ8	LOREA145.1TL OPENZ	EUR	2,8400	2,8400	2,8250			2,8250					
Certificate	NL0011732300	LOREA154.9TL OPENH	EUR	5,6500	5,7000	5,6500			5,7000					
Certificate	NL0012179030	LOREA168.4TL OPENH	EUR	4,4000	4,4500	4,4000			4,4500					
Certificate	NL0012779847	LOREA178.2TL OPENB	EUR	3,4650	3,5950	3,4650			3,5950					
Certificate	NL0012610232	LOREA178.5TL OPENH	EUR	3,4600	3,5100	3,4600			3,5100					
Certificate	NL0013145949	LOREA188.2TL OPENB	EUR	2,5450	2,6750	2,5450			2,6750					
Certificate	NL0013128515	LOREA194.6TL OPENH	EUR	1,9600	2,0100	1,9600			2,0100					
Certificate	NL0013007362	LOREA205.4TS OPENB	EUR	2,1350	2,1350	2,0050			2,0050					
Certificate	NL0011418058	LOREA214.2TS OPENH	EUR	3,1200	3,1200	3,0600			3,0600					
Certificate	NL0012786099	LOREA220.1TS OPENB	EUR	3,7250	3,7250	3,5950			3,5950					
Certificate	NL0012611693	LOREA224.1TS OPENH	EUR	4,1900	4,1900	4,1300			4,1300					
Certificate	NL0012792527	LOREA235.1TS OPENB	EUR	5,3450	5,3450	5,2150			5,2150					
Certificate	NL0012864862	LOREA244.4TS OPENH	EUR	6,3800	6,3800	6,3300			6,3300					
Certificate	NL0012592844	LOREA262.4TS OPENH	EUR	8,3300	8,3300	8,2700			8,2700					
Certificate	NL0012565451	LOREA266.7TS OPENH	EUR	8,7900	8,7900	8,7300			8,7300					
Certificate	NL0012586747	LOREA266.8TS OPENH	EUR	8,8000	8,8000	8,7400			8,7400					
Certificate	NL0012536759	LOREA292.3TS OPENH	EUR	11,5500	11,5500	11,5000			11,5000					
Certificate	NL0012538458	LOREA293.8TS OPENH	EUR	11,7200	11,7200	11,6700			11,6700					
Certificate	NL0012526602	LOREA293.8TS OPENH	EUR	11,7200	11,7200	11,6600			11,6600					
Certificate	NL0012546501	LOREA293.9TS OPENH	EUR	11,7400	11,7400	11,6800			11,6800					
Certificate	NL0012864854	LOREA323.6TS OPENH	EUR	14,9400	14,9400	14,8800			14,8800					
Certificate	NL0011054234	LUFTH 4.6TL OPENH	EUR	15,4400	15,4400	15,3700			15,3700					
Certificate	NL0012311021	LUFTH 16.9TL OPENH	EUR	3,9500	3,9500	3,8800			3,8800					
Certificate	NL0013127467	LUFTH 18.3TS 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	NL0011054226	LUFTH 6.72TL OPENH	EUR	13,4000	13,4000	13,3900			13,3900					
Certificate	NL0011054218	LUFTH 7.78TL OPENH	EUR	12,4100	12,4100	12,4000			12,4000					
Certificate	NL0011989124	LUFTH 8.51TL OPENH	EUR	11,7900	11,7900	11,7200			11,7200					
Certificate	NL0011992359	LUFTH10.01TL OPENH	EUR	10,3300	10,3300	10,3200			10,3200					
Certificate	NL0012055891	LUFTH10.52TL OPENH	EUR	9,9100	9,9100	9,8400			9,8400					
Certificate	DE000CD63C96	LUFTH10.52TL OPENZ	EUR	4,2950	4,5550	4,2950			4,5550					
Certificate	NL0012175426	LUFTH11.78TL OPENH	EUR	8,6700	8,6700	8,6600			8,6600					
Certificate	NL0012196430	LUFTH12.29TL OPENH	EUR	8,2500	8,2500	8,1800			8,1800					
Certificate	NL0012201859	LUFTH13.32TL OPENH	EUR	7,2900	7,2900	7,2200			7,2200					
Certificate	DE000CE6C7Y9	LUFTH14.22TL OPENZ	EUR	2,7150	2,7150	2,7150			2,7150					
Certificate	NL0012212047	LUFTH14.34TL OPENH	EUR	6,2800	6,2800	6,2700			6,2700					
Certificate	NL0013014459	LUFTH14.94TL OPENB	EUR	5,8400	5,8800	5,8400			5,8800					
Certificate	NL0012243315	LUFTH15.37TL OPENH	EUR	5,3800	5,3800	5,3100			5,3100					
Certificate	DE000CJ3N443	LUFTH15.73TL OPENZ	EUR	1,9650	1,9650	1,9650			1,9650					
Certificate	NL0012307011	LUFTH16.38TL OPENH	EUR	4,4300	4,4300	4,3600			4,3600					
Certificate	NL0013005804	LUFTH16.45TL OPENB	EUR	4,4400	4,4800	4,4400			4,4800					
Certificate	DE000CJ3PVK3	LUFTH17.23TL OPENZ	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	DE000CV89N00	LUFTH17.24TL OPENZ	EUR											
Certificate	NL0012370803	LUFTH17.37TL OPENH	EUR											
Certificate	NL0013018047	LUFTH17.94TL OPENB	EUR											
Certificate	NL0013124548	LUFTH19.28TS OPENH	EUR											
Certificate	NL0013010077	LUFTH19.86TS OPENB	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0012907687	LUFTH20.78TS OPENH	EUR	2,6200	2,7300	2,6200			2,7300					
Certificate	NL0012904916	LUFTH22.31TS OPENH	EUR	4,3300	4,3800	4,3300			4,3800					
Certificate	NL0013002520	LUFTH22.84TS OPENB	EUR	4,9500	4,9500	4,8900			4,8900					
Certificate	NL0012934731	LUFTH24.18TS OPENH	EUR	6,3500	6,3900	6,3500			6,3900					
Certificate	NL001290659	LUFTH25.03TS OPENH	EUR	7,2000	7,3000	7,2000			7,3000					
Certificate	NL0012611107	LUFTH25.42TS OPENH	EUR	7,6800	7,7200	7,6800			7,7200					
Certificate	NL0012610190	LUFTH25.43TS OPENH	EUR	7,6800	7,7300	7,6800			7,7300					
Certificate	NL0012785125	LUFTH25.82TS OPENB	EUR	8,1700	8,1700	8,1100			8,1100					
Certificate	NL0012849434	LUFTH25.98TS OPENH	EUR	8,2300	8,3200	8,2300			8,3200					
Certificate	NL0012596225	LUFTH26.31TS OPENH	EUR	8,6300	8,6800	8,6300			8,6800					
Certificate	NL0012861439	LUFTH26.96TS OPENH	EUR	9,2700	9,3800	9,2700			9,3800					
Certificate	NL0012581029	LUFTH27.21TS OPENH	EUR	9,6000	9,6400	9,6000			9,6400					
Certificate	NL0012581011	LUFTH28.19TS OPENH	EUR	10,6000	10,7000	10,6000			10,7000					
Certificate	NL0012558282	LUFTH28.59TS OPENH	EUR	11,0300	11,1300	11,0300			11,1300					
Certificate	NL0012685697	LUFTH28.77TS OPENB	EUR	11,3600	11,3600	11,3000			11,3000					
Certificate	NL0012565360	LUFTH29.64TS OPENH	EUR	12,2100	12,2600	12,2100			12,2600					
Certificate	NL0012525927	LUFTH30.26TS OPENH	EUR	12,8200	12,9200	12,8200			12,9200					
Certificate	NL0012542047	LUFTH31.34TS OPENH	EUR	13,9800	14,0800	13,9800			14,0800					
Certificate	NL0012529184	LUFTH32.23TS OPENH	EUR	14,9400	15,0500	14,9400			15,0500					
Certificate	NL0012536643	LUFTH34.22TS OPENH	EUR	17,0800	17,1900	17,0800			17,1900					
Certificate	NL0012543904	LUFTH36.24TS OPENH	EUR	19,2500	19,3600	19,2500			19,3600					
Certificate	DE000CR9RR14	LUFTH7.784TL OPENZ	EUR	5,6600	5,9200	5,6600			5,9200					
Certificate	DE000CR9PJ23	LUFTH8.901TL OPENZ	EUR	5,1000	5,3600	5,1000			5,3600					
Certificate	NL0010903365	LUXOT 22TL OPENB	EUR											
Certificate	NL0010903373	LUXOT 29TL OPENB	EUR											
Certificate	DE000CV8ASU5	LUXOT40.51TL OPENZ	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CV8ASV3	LUXOT45.51TL OPENZ	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CV8ASW1	LUXOT50.51TL OPENZ	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CX59Q50	LVMH 160TL OPENC	EUR	12,4300	12,4300	12,4300			12,4300					
Certificate	DE000CX59KT8	LVMH 160TL OPENC	EUR	11,7800	11,7800	11,7800			11,7800					
Certificate	DE000CY0AU4K	LVMH 170TL OPENC	EUR	11,5300	11,5300	11,5300			11,5300					
Certificate	DE000CX59UF6	LVMH 170TL OPENC	EUR	10,6300	10,6300	10,6300			10,6300					
Certificate	DE000CX59VC1	LVMH 170TL OPENC	EUR	11,4600	11,4600	11,4600			11,4600					
Certificate	DE000CY0AZG1	LVMH 180TL OPENC	EUR	10,5600	10,5600	10,5600			10,5600					
Certificate	DE000CY0ATL4	LVMH 180TL OPENC	EUR	9,6400	9,6400	9,6400			9,6400					
Certificate	DE000CY500W2	LVMH 200TL OPENC	EUR	7,5900	7,5900	7,5900			7,5900					
Certificate	DE000CY50H00	LVMH 200TL OPENC	EUR	8,6100	8,6100	8,6100			8,6100					
Certificate	DE000CY50727	LVMH 210TL OPENC	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	DE000CY50H18	LVMH 210TL OPENC	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	DE000CY51AL1	LVMH 220TL OPENC	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	DE000CY524Q4	LVMH 230TL OPENC	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	DE000CQ5AFQ1	LVMH 240TL OPENC	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000CQ5AHL8	LVMH 250TL OPENC	EUR	2,9800	2,9800	2,9800			2,9800					
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	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000CQ5APX6	LVMH 340TS OPENC	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	DE000CV888L7	LVMH 245.TL OPENZ	EUR	1,7600	1,7600	1,7600			1,7600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL000992189	LVMH 77.4TL OPENB	EUR	23,0450	23,0450	23,0450			23,0450					
Certificate	NL0011415500	LVMH 106.5TL OPENH	EUR	17,8400	18,0300	17,8400			18,0300					
Certificate	NL0010918751	LVMH 118.8TL OPENB	EUR	16,6850	16,9150	16,6850			16,9150					
Certificate	NL0011415484	LVMH 122.2TL OPENH	EUR	16,3700	16,5600	16,3700			16,5600					
Certificate	NL0011931258	LVMH 135.2TL OPENH	EUR	15,1600	15,3500	15,1600			15,3500					
Certificate	NL0011979372	LVMH 147.8TL OPENH	EUR	13,9900	14,1800	13,9900			14,1800					
Certificate	NL0012022503	LVMH 149.7TL OPENB	EUR	13,8150	14,0350	13,8150			14,0350					
Certificate	NL0012212054	LVMH 159.3TL OPENH	EUR	12,9200	13,1100	12,9200			13,1100					
Certificate	NL0012054472	LVMH 173.1TL OPENH	EUR	11,6400	11,8300	11,6400			11,8300					
Certificate	NL0012051767	LVMH 173.7TL OPENH	EUR	11,5900	11,7800	11,5900			11,7800					
Certificate	DE000CD64D52	LVMH 177.4TL OPENZ	EUR	96,2450	102,5250	96,2450			102,5250					
Certificate	NL0012199301	LVMH 186.6TL OPENH	EUR	10,3900	10,5800	10,3900			10,5800					
Certificate	NL0012209266	LVMH 196.6TL OPENH	EUR	9,4600	9,6500	9,4600			9,6500					
Certificate	DE000CE6CC76	LVMH 199.3TL OPENZ	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0012122881	LVMH 200.7TL OPENB	EUR	9,0650	9,2850	9,0650			9,2850					
Certificate	NL0012365811	LVMH 208.5TL OPENH	EUR	8,3500	8,5400	8,3500			8,5400					
Certificate	NL0012239347	LVMH 210.5TL OPENH	EUR	8,1600	8,3500	8,1600			8,3500					
Certificate	NL0012557912	LVMH 223.1TL OPENH	EUR	6,9900	7,1800	6,9900			7,1800					
Certificate	DE000CE6F1W3	LVMH 225.1TL OPENZ	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	NL0012500524	LVMH 230.8TL OPENB	EUR	6,2650	6,4950	6,2650	632,0000	1	6,4950	100				
Certificate	NL0012581037	LVMH 232.3TL OPENH	EUR	6,1300	6,3200	6,1300			6,3200					
Certificate	NL0012602775	LVMH 253.8TL OPENH	EUR	4,1300	4,3200	4,1300			4,3200					
Certificate	NL0013127475	LVMH 282.8TS OPENH	EUR	2,8600	2,8600	2,6600			2,6600					
Certificate	NL0012313167	LVMH 324.3TS OPENH	EUR	7,3400	7,3400	7,1400			7,1400					
Certificate	NL0012313159	LVMH 343.6TS OPENH	EUR	9,4300	9,4300	9,2300			9,2300					
Certificate	NL0012545669	LVMH 364.1TS OPENH	EUR	11,6500	11,6500	11,4500			11,4500					
Certificate	NL0012526206	LVMH 370.2TS OPENH	EUR	12,3000	12,3000	12,1000			12,1000					
Certificate	NL0012539308	LVMH 371.2TS OPENH	EUR	12,4100	12,4100	12,2100			12,2100					
Certificate	NL0012601843	LVMH 395.7TS OPENH	EUR	15,0700	15,0700	14,8700			14,8700					
Certificate	NL0012604722	LVMH 435.3TS OPENH	EUR	19,3500	19,3500	19,1500			19,1500					
Certificate	NL0012606396	LVMH 435.7TS OPENH	EUR	19,3800	19,3800	19,1800			19,1800					
Certificate	NL0012608053	LVMH 437.3TS OPENH	EUR	19,5600	19,5600	19,3600			19,3600					
Certificate	NL0012901144	LVMH 461.8TS OPENH	EUR	22,2100	22,2100	22,0100			22,0100					
Certificate	NL0012864813	LVMH 474.7TS OPENH	EUR	23,6100	23,6100	23,4000			23,4000					
Certificate	NL0012313175	LVMH 77.52TL OPENH	EUR	20,5300	20,7200	20,5300			20,7200					
Certificate	DE000CK1CMU0	LVMH 98.97TL OPENZ	EUR	177,1750	183,4350	177,1750			183,4350					
Certificate	DE000CV89MM0	MAERS 5397TL OPENZ	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000CV89V18	MAERS 5892TL OPENZ	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000CV87UE4	MAERS 6400TL OPENZ	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	DE000CV89Q98	MAERS 6893TL OPENZ	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	DE000CV87RP6	MAERS 7400TL OPENZ	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	DE000CD63EB3	MASTE 110.TL OPENZ	EUR	7,9300	7,9300	7,5700			7,5700					
Certificate	DE000CR6VBA1	MASTE88.48TL OPENZ	EUR	9,8100	9,8100	9,4600			9,4600					
Certificate	NL0011445705	MCDON 103TL OPENB	EUR	6,9100	6,9100	6,9100			6,9100					
Certificate	NL0010248456	MCDON 58.1TL OPENB	EUR	10,5900	10,5900	10,5900			10,5900					
Certificate	NL0013002538	MCDON186.3TS OPENB	EUR	2,1900	2,3250	2,1900	32,8500	1	2,3250	15				
Certificate	NL0013016090	MCDON196.3TS OPENB	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	DE000CR9RWR9	MDAX 17070TL OPENZ	EUR	7,6000	7,6000	7,4800			7,4800					
Certificate	DE000CR9PS49	MDAX 18329TL OPENZ	EUR	6,3550	6,3550	6,2350			6,2350					
Certificate	DE000CN6JST0	MDAX 19586TL OPENZ	EUR	5,0900	5,0900	4,9750			4,9750					
Certificate	DE000CD626E8	MDAX 20813TL OPENZ	EUR	3,8750	3,8750	3,7550			3,7550					
Certificate	DE000CD64144	MDAX 22019TL OPENZ	EUR	2,6750	2,6750	2,5550			2,5550					
Certificate	DE000CJ3PKG4	MDAX 24605TS OPENZ	EUR											
Certificate	DE000CJ3NZY0	MDAX 26602TS OPENZ	EUR	2,1150	2,2250	2,1150			2,2250					
Certificate	DE000CE6CGY1	MDAX 28578TS OPENZ	EUR	4,0850	4,1950	4,0850			4,1950					
Certificate	DE000CE6DNE7	MDAX 30061TS OPENZ	EUR	5,5600	5,6800	5,5600			5,6800					
Certificate	DE000CE6FAF6	MDAX 31560TS OPENZ	EUR	7,0600	7,1800	7,0600			7,1800					
Certificate	DE000CV88X33	MDAX 35557TS OPENZ	EUR	11,0600	11,1700	11,0600			11,1700					
Certificate	DE000CV8AT48	MEDTR62.14TL OPENZ	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	DE000CV8AT55	MEDTR72.51TL OPENZ	EUR	1,8150	1,8150	1,8150			1,8150					
Certificate	DE000CV8AT63	MEDTR82.88TL OPENZ	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	DE000CJ3NR03	MEDTR92.86TL OPENZ	EUR											
Certificate	NL0012370886	MERCK 30.8TL OPENH	EUR	6,6400	6,6400	6,5800			6,5800					
Certificate	NL0012370878	MERCK 38.9TL OPENH	EUR	5,8800	5,8800	5,8100			5,8100					
Certificate	NL0012370860	MERCK 47.1TL OPENH	EUR	5,1200	5,1200	5,0500			5,0500					
Certificate	NL0012586671	MERCK 51.1TL OPENH	EUR	4,7500	4,7500	4,6800			4,6800					
Certificate	NL0012565394	MERCK 55.6TL OPENH	EUR	4,3200	4,3200	4,2600			4,2600					
Certificate	NL0011416508	MERCK 63.2TL OPENH	EUR	3,6100	3,6100	3,5400			3,5400					
Certificate	NL0011416490	MERCK 67.4TL OPENH	EUR	3,2200	3,2200	3,1500			3,1500					
Certificate	NL0011729090	MERCK 71.6TL OPENH	EUR	2,8200	2,8200	2,7600			2,7600					
Certificate	NL0012601017	MERCK 75.2TL OPENH	EUR	2,4900	2,4900	2,4200			2,4200					
Certificate	NL0012606701	MERCK 79.3TL OPENH	EUR	2,1100	2,1100	2,0400			2,0400					



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	NL0012929426	MERCK 83.2TL OPENH	EUR	1,7400	1,7400	1,6700			1,6700					
Certificate	NL0013127491	MERCK 87.2TL OPENH	EUR	1,3700	1,3700	1,3100			1,3100					
Certificate	NL0012370845	MERCK 98.8TS OPENH	EUR	1,1200	1,2000	1,1200			1,2000					
Certificate	NL0012370837	MERCK106.5TS OPENH	EUR	1,9600	2,0400	1,9600			2,0400					
Certificate	NL0011729066	MERCK116.6TS OPENH	EUR	3,0400	3,1200	3,0400			3,1200					
Certificate	NL0011054481	MERCK121.8TS OPENH	EUR	3,5900	3,6800	3,5900			3,6800					
Certificate	NL0012539316	MERCK131.3TS OPENH	EUR	4,6200	4,7000	4,6200			4,7000					
Certificate	NL0011737192	MERCK132.1TS OPENH	EUR	4,7000	4,7900	4,7000			4,7900					
Certificate	NL0012556021	MERCK139.5TS OPENH	EUR	5,5000	5,5800	5,5000			5,5800					
Certificate	NL0011929948	MERCK140.3TS OPENH	EUR	5,5900	5,6700	5,5900			5,6700					
Certificate	DE000CNGJH67	MERCK61.11TL OPENZ	EUR	3,4500	3,4500	3,3300			3,3300					
Certificate	DE000CR9RR48	MERCK68.38TL OPENZ	EUR	2,7300	2,7300	2,6000			2,6000					
Certificate	DE000CV88P25	MERCK78.32TL OPENZ	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CJ3PV4	MERCK88.33TL OPENZ	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0000290534	MEXIC PI OPENN	EUR											
Certificate	DE000CV87LY1	MHG 144.TL OPENZ	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CR9SMH9	MHG 82.3TL OPENZ	EUR	2,5800	2,5800	2,5500			2,5500					
Certificate	DE000CNGKKW9	MHG 108.7TL OPENZ	EUR	2,0200	2,0200	1,9900			1,9900					
Certificate	DE000CE6CL26	MHG 123.9TL OPENZ	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	DE000CV8AH34	MHG 163.9TL OPENZ	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CJ3PA26	MHG 183.8TL OPENZ	EUR	0,4000	0,4500	0,4000	12797,5000	5	0,4200	30500				
Certificate	DE000CR9PK21	MHG 67.51TL OPENZ	EUR	2,8900	2,8900	2,8600			2,8600					
Certificate	NL0012891303	MICHL 112TS OPENH	EUR	27,0000	29,5700	27,0000			29,5700					
Certificate	NL0012600431	MICHL120.1TS OPENH	EUR	35,7900	38,3400	35,7900			38,3400					
Certificate	NL0011729033	MICHL127.1TS OPENH	EUR	43,3800	45,9300	43,3800			45,9300					
Certificate	NL0011732185	MICHL127.4TS OPENH	EUR	43,6200	46,1900	43,6200			46,1900					
Certificate	NL0012862460	MICHL139.9TS OPENH	EUR	57,1300	59,7200	57,1300			59,7200					
Certificate	NL0011973870	MICHL142.6TS OPENH	EUR	60,1200	62,6700	60,1200			62,6700					
Certificate	NL0011979380	MICHL142.7TS OPENH	EUR	60,1700	62,7200	60,1700			62,7200					
Certificate	NL0011996509	MICHL142.9TS OPENH	EUR	60,3800	62,9700	60,3800			62,9700					
Certificate	NL0012900013	MICHL155.9TS OPENH	EUR	74,5000	77,0500	74,5000			77,0500					
Certificate	NL0012536684	MICHL172.5TS OPENH	EUR	92,4100	94,9600	92,4100			94,9600					
Certificate	NL0012539712	MICHL176.1TS OPENH	EUR	96,2700	98,8200	96,2700			98,8200					
Certificate	NL0009862820	MICHL24.32TL OPENB	EUR	6,9150	6,9150	6,9150			6,9150					
Certificate	NL0010438149	MICHL54.45TL OPENB	EUR	41,2350	41,2350	41,2350			41,2350					
Certificate	NL0012900021	MICHL60.59TL OPENH	EUR	37,8400	37,8400	35,2900			35,2900					
Certificate	DE000CV89Q56	MICHL69.44TL OPENZ	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0011650080	MICHL72.52TL OPENB	EUR	27,0550	27,0550	24,5150			24,5150					
Certificate	NL0011890249	MICHL74.72TL OPENH	EUR	24,7100	24,7100	22,1300			22,1300					
Certificate	DE000CV89BY8	MICHL79.43TL OPENZ	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	NL0011927918	MICHL82.84TL OPENH	EUR	17,1400	17,1400	14,5800			14,5800					
Certificate	NL0013127483	MICHL88.25TL OPENH	EUR	12,1000	12,1000	9,5500			9,5500					
Certificate	NL0013086218	MICHL96.11TS OPENH	EUR	9,8400	12,3900	9,8400			12,3900					
Certificate	DE000CY52222	MICRO 25TL OPENC	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CP06XX0	MICRO 30TL OPENC	EUR	0,9500	0,9500	0,8900	237,5000	1	0,8900	250				
Certificate	DE000CV8BCL4	MICRO 34TL 1218Z	EUR											
Certificate	DE000CY52230	MICRO 34TL OPENC	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CP06XY8	MICRO 35TL OPENC	EUR											
Certificate	DE000CY52248	MICRO 38TS OPENC	EUR											
Certificate	DE000CY52255	MICRO 40TS OPENC	EUR											
Certificate	DE000CP06Y05	MICRO 44TS OPENC	EUR	0,3500	0,3600	0,3500	271,9500	1	0,3600	777				
Certificate	DE000CP06Y13	MICRO 50TS OPENC	EUR	0,8800	0,8800	0,8800			0,8800					
Certificate	DE000CP06Y21	MICRO 55TS OPENC	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CJ3PMK2	MICRO25.12TL OPENZ	EUR	1,3200	1,3200	1,3150	2838,0000	2	1,3150	2150				
Certificate	DE000CV8B003	MICRO30.64TL OPENZ	EUR	0,8900	0,9200	0,8350	2777,0000	7	0,8350	3100				
Certificate	DE000CJ3PKN0	MITRA11.84TL OPENZ	EUR	2,9200	2,9300	2,7750	27115,0000	10	2,7750	9300				
Certificate	DE000CJ3N1K0	MITRA13.84TL OPENZ	EUR	2,4150	2,4150	2,4150			2,4150					
Certificate	DE000CV88DE8	MITRA15.84TL OPENZ	EUR	2,1900	2,1900	2,0450	2649,9000	2	2,0450	1210				
Certificate	NL0013017080	MITRA16.99TL OPENB	EUR	1,8950	2,0000	1,8450	500,0000	1	1,8450	250				
Certificate	DE000CV88DF5	MITRA17.87TL OPENZ	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	NL0013007222	MITRA18.99TL OPENB	EUR	1,5250	1,5250	1,4750			1,4750					
Certificate	DE000CV88DG3	MITRA19.79TL OPENZ	EUR	1,4900	1,5000	1,2850	3555,5000	4	1,3250	2550				
Certificate	NL0013007230	MITRA20.99TL OPENB	EUR	1,1650	1,1650	1,1150			1,1150					
Certificate	DE000CJ3PR29	MITRA21.29TL OPENZ	EUR	1,2000	1,2000	1,0550	1382,4000	3	1,0550	1215				
Certificate	DE000CV88DH1	MITRA21.81TL OPENZ	EUR											
Certificate	NL0013145956	MITRA22.99TL OPENB	EUR	0,7950	0,7950	0,7450			0,7450					
Certificate	NL0013014251	MITRA25.97TS OPENB	EUR	0,7950	0,8550	0,7950			0,8550					
Certificate	NL0013004971	MITRA29.97TS OPENB	EUR	1,6850	1,7450	1,6850			1,7450					
Certificate	NL0012999395	MITRA33.93TS OPENB	EUR	2,5650	2,6250	2,5650			2,6250					
Certificate	NL0012999403	MITRA37.93TS OPENB	EUR	3,4550	3,5150	3,4550			3,5150					
Certificate	DE000CJ3NU99	MKS 2.14TL OPENZ	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CV4YYC8	MKS 2.48TL OPENZ	EUR	0,7900	0,7900	0,7900			0,7900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV87WA8	MKS 1.964TL OPENZ	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CV509G9	MKS 2.465TL OPENZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CN6KAKS	MLXIS 44.4TL OPENZ	EUR	1,8700	1,8700	1,6000	7227,0000	3	1,6000	3900				
Certificate	NL0013017734	MLXIS 55.3BS OPENB	EUR											
Certificate	DE000CJ3NUF0	MLXIS 71.9TS OPENZ	EUR	0,9400	1,1900	0,9400	5230,0000	4	1,1900	5500				
Certificate	NL0012993059	MLXIS 79.2BS OPENB	EUR	1,7300	2,0600	1,7300			2,0600					
Certificate	DE000CR9R9L4	MLXIS34.02TL OPENZ	EUR	0,7300	0,7300	0,6650	1095,0000	1	0,6650	1500				
Certificate	DE000CR9RYW5	MLXIS37.36TL OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	NL0013017585	MLXIS43.78BL OPENB	EUR	2,1700	2,1700	1,8200			1,8200					
Certificate	NL0013016462	MLXIS46.79BL OPENB	EUR	1,8700	1,8700	1,5200			1,5200					
Certificate	DE000CN6LJE7	MLXIS48.57TL OPENZ	EUR	1,4800	1,4800	1,1900	3943,0000	4	1,1900	2700				
Certificate	NL0013016470	MLXIS49.79BL OPENB	EUR	1,5700	1,5700	1,2200	4230,0000	1	1,2200	3000				
Certificate	DE000CJ3PU48	MLXIS52.57TL OPENZ	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0013146475	MLXIS52.79BL OPENB	EUR	1,2700	1,2700	0,9200	540,0000	1	0,9200	500				
Certificate	NL0013146483	MLXIS55.79BL OPENB	EUR	0,9700	0,9700	0,6200			0,6200					
Certificate	DE000CJ3PL49	MLXIS57.92TS OPENZ	EUR											
Certificate	NL0013016678	MLXIS61.25BS OPENB	EUR											
Certificate	DE000CJ3PLI6	MLXIS64.91TS OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0013004781	MLXIS67.25BS OPENB	EUR	0,5400	0,8600	0,5400			0,8600					
Certificate	NL0012995617	MLXIS73.24BS OPENB	EUR	1,1300	1,4600	1,1300			1,4600					
Certificate	DE000CV8B987	MLXIS79.89TS OPENZ	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	DE000CV8RT38	MLXIS81.98TS OPENZ	EUR											
Certificate	NL0012993067	MLXIS85.17BS OPENB	EUR	2,3300	2,6500	2,3300			2,6500					
Certificate	DE000CV89QX8	MLXIS89.86TS OPENZ	EUR	2,9900	2,9900	2,9900			2,9900					
Certificate	DE000CE6FC16	MLXIS99.81TS OPENZ	EUR	3,9800	3,9800	3,9800			3,9800					
Certificate	DE000CX00R34	MNST 30.92TL OPENC	EUR											
Certificate	DE000CX00R26	MNST 34.35TL OPENC	EUR											
Certificate	DE000CX00R18	MNST 37.79TL OPENC	EUR											
Certificate	DE000CX012Z5	MNST 62.53TS OPENC	EUR											
Certificate	DE000CN6JOD2	MODLZ 33.3TL OPENZ	EUR	8,1800	8,1800	7,4300			7,4300					
Certificate	DE000CJ3PR01	MONC 19.91TL OPENZ	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000CJ3N641	MONC 23.41TL OPENZ	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CJ3NVL6	MONC 26.91TL OPENZ	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	NL0000696565	MOOIV PI OPENN	EUR	18,5000	19,0400	18,5000			19,0400					
Certificate	DE000CE6CKV2	MORPH56.73TL OPENZ	EUR											
Certificate	DE000CE6ENQ9	MORPH63.77TL OPENZ	EUR											
Certificate	DE000CE6F1A9	MORPH71.72TL OPENZ	EUR	2,4900	2,4900	2,4900	249,0000	1	2,4900	100				
Certificate	DE000CV87QA0	MORPH74.53TL OPENZ	EUR	2,2000	2,2000	2,2000	1100,0000	1	2,2000	500				
Certificate	DE000CP06164	MSOFT 115TS OPENC	EUR											
Certificate	DE000CP07B68	MSOFT 115TS OPENC	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CQ5BVX2	MSOFT 115TS OPENC	EUR											
Certificate	DE000CP06UP2	MSOFT 115TS OPENC	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CQ5BEL3	MSOFT 120TS OPENC	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000CQ5BJ42	MSOFT 120TS OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	DE000CP06PT4	MSOFT 125TS OPENC	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000CP06MM6	MSOFT 125TS OPENC	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CP06172	MSOFT 130TS OPENC	EUR	1,9900	2,1300	1,9900	995,0000	1	2,1300	500				
Certificate	DE000CP06227	MSOFT 130TS OPENC	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0009069301	MSOFT 9.2TL OPENB	EUR	85,3600	85,3600	85,3600			85,3600					
Certificate	NL0009173210	MSOFT 14.4TL OPENB	EUR	81,0700	81,0700	81,0700			81,0700					
Certificate	NL0010520151	MSOFT 30.5TL OPENB	EUR	67,8900	67,8900	67,8900			67,8900					
Certificate	NL0011052402	MSOFT 34.7TL OPENH	EUR	65,3700	65,3700	64,4700			64,4700					
Certificate	NL0011043013	MSOFT 35.2TL OPENH	EUR	64,9000	64,9000	64,0000			64,0000					
Certificate	NL0010658969	MSOFT 37.8TL OPENB	EUR	61,8900	61,8900	61,8900			61,8900					
Certificate	NL0011432307	MSOFT 41.8TL OPENB	EUR	58,6200	58,6200	58,6200			58,6200					
Certificate	NL0011908140	MSOFT 51.5TL OPENB	EUR	50,6800	50,6800	50,6800			50,6800					
Certificate	NL0012025613	MSOFT 57.1TL OPENB	EUR	46,1200	46,1200	46,1200			46,1200					
Certificate	NL0013006299	MSOFT115.9BS OPENB	EUR	9,3650	9,3650	9,3650			9,3650					
Certificate	NL0012786107	MSOFT117.4TS OPENB	EUR	18,7050	18,7050	18,7050			18,7050					
Certificate	NL0012981492	MSOFT127.5BS OPENB	EUR	19,5550	19,5550	19,5550			19,5550					
Certificate	NL0012983076	MSOFT129.1TS OPENB	EUR	29,8050	29,8050	29,8050			29,8050					
Certificate	NL0013004799	MSOFT140.2BS OPENB	EUR	30,7450	30,7450	30,7450			30,7450					
Certificate	NL0011447529	MSOFT42.52BL OPENB	EUR	55,9100	55,9100	55,9100			55,9100					
Certificate	DE000CD62JN9	MSOFT59.12TL OPENZ	EUR	41,5500	41,5500	40,9500			40,9500					
Certificate	NL0012516181	MUENC 165TL OPENH	EUR	3,5700	3,5700	3,5200			3,5200					
Certificate	DE000CE6E202	MUENC 167.TL OPENZ	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000CD618Z0	MUENC113.3TL OPENZ	EUR	7,7200	7,7200	7,5900			7,5900					
Certificate	NL0011225701	MUENC113.8TL OPENH	EUR	8,3500	8,3500	8,3100			8,3100					
Certificate	DE000CR9P841	MUENC129.3TL OPENZ	EUR	6,1300	6,1300	5,9900			5,9900					
Certificate	NL0011225693	MUENC130.7TL OPENH	EUR	6,7600	6,7600	6,7200			6,7200					
Certificate	NL0011927934	MUENC134.3TL OPENH	EUR	6,4300	6,4300	6,3900			6,3900					
Certificate	NL0011935648	MUENC144.5TL OPENH	EUR	5,4700	5,4700	5,4300			5,4300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD62L80	MUENCI147.1TL OPENZ	EUR	4,3500	4,3500	4,2100			4,2100					
Certificate	NL0011978960	MUENCI149.5TL OPENH	EUR	5,0100	5,0100	4,9700			4,9700					
Certificate	NL0011988969	MUENCI154.8TL OPENH	EUR	4,5100	4,5100	4,4700			4,4700					
Certificate	NL0012179022	MUENCI159.9TL OPENH	EUR	4,0400	4,0400	4,0000			4,0000					
Certificate	NL0012591838	MUENCI175.1TL OPENH	EUR	2,6200	2,6200	2,5800			2,5800					
Certificate	NL0012899470	MUENCI179.9TL OPENH	EUR	2,1600	2,1600	2,1200			2,1200					
Certificate	NL0013128481	MUENCI184.7TL OPENH	EUR	1,7200	1,7200	1,6800			1,6800					
Certificate	DE000CE6CDW2	NASDAQ LEVOPENZ	EUR	11,4750	11,4750	9,0650			9,0650					
Certificate	DE000CE6CDU6	NASDAQ LEVOPENZ	EUR	11,4700	11,4700	11,2500			11,2500					
Certificate	DE000CE6CDV4	NASDAQ LEVOPENZ	EUR	18,9700	18,9700	16,9500			16,9500					
Certificate	DE000CE6CDY8	NASDAQ SHROPENZ	EUR	0,0580	0,0720	0,0580			0,0720					
Certificate	DE000CE6CDX0	NASDAQ SHROPENZ	EUR	1,2570	1,4070	1,2570			1,4070					
Certificate	NL0011411582	NASDAQ 2980TL OPENH	EUR	36,7600	36,7600	36,7600			36,7600					
Certificate	NL0011411558	NASDAQ 3780TL OPENH	EUR	30,2300	30,2300	30,2300			30,2300					
Certificate	NL0011411541	NASDAQ 3940TL OPENH	EUR	28,9300	28,9300	28,9300			28,9300					
Certificate	NL0011411533	NASDAQ 4100TL OPENH	EUR	27,6200	27,6200	27,6200			27,6200					
Certificate	DE0005437446	NASDAQ PI OPENN	EUR	61,9700	61,9700	61,9700			61,9700					
Certificate	NL0009565852	NASDAQ 1780TL OPENB	EUR	46,2600	46,2600	46,2600			46,2600					
Certificate	NL0009667161	NASDAQ 2040TL OPENB	EUR	44,1700	44,1700	44,1700			44,1700					
Certificate	NL0010126223	NASDAQ 2520TL OPENB	EUR	40,1800	40,1800	40,1800			40,1800					
Certificate	NL0010255592	NASDAQ 2630TL OPENB	EUR	39,2500	39,2500	39,2500			39,2500					
Certificate	NL0010380721	NASDAQ 2880TL OPENB	EUR	37,1900	37,1900	37,1900			37,1900					
Certificate	NL0010445714	NASDAQ 3140TL OPENB	EUR	35,0300	35,0300	35,0300			35,0300					
Certificate	NL0010518056	NASDAQ 3280TL OPENB	EUR	33,8000	33,8000	33,8000			33,8000					
Certificate	DE000C27DN84	NASDAQ 3398TL OPENZ	EUR	32,9150	32,9150	31,6250			31,6250					
Certificate	NL0010523825	NASDAQ 3510TL OPENB	EUR	31,9200	31,9200	31,9200			31,9200					
Certificate	DE000CF80B19	NASDAQ 3514TL OPENC	EUR	28,6500	28,6500	28,6500			28,6500					
Certificate	NL0010655759	NASDAQ 3630TL OPENB	EUR	30,9400	30,9400	30,9400			30,9400					
Certificate	DE000C27DY65	NASDAQ 3678TL OPENZ	EUR	30,4950	30,4950	29,2050			29,2050					
Certificate	NL0010657540	NASDAQ 3750TL OPENB	EUR	29,9300	29,9300	29,9300			29,9300					
Certificate	DE000CR1HPW1	NASDAQ 3957TL OPENZ	EUR	28,0900	28,0900	26,7950			26,7950					
Certificate	DE000CX00L30	NASDAQ 4000TL OPENC	EUR	24,1200	24,1200	24,1200			24,1200					
Certificate	DE000CR1HML1	NASDAQ 4108TL OPENZ	EUR	26,3150	26,3150	25,0150			25,0150					
Certificate	DE000CX0KXG6	NASDAQ 4200TL OPENC	EUR	22,4600	22,4600	22,4600			22,4600					
Certificate	DE000CR9RY64	NASDAQ 4232TL OPENZ	EUR	25,7150	25,7150	24,4050			24,4050					
Certificate	DE000CN6JT63	NASDAQ 4442TL OPENZ	EUR	23,3900	23,3900	22,0850			22,0850					
Certificate	DE000CN6K776	NASDAQ 4448TL OPENZ	EUR	23,8500	23,8500	22,5350			22,5350					
Certificate	DE000CY0AL55	NASDAQ 4500TL OPENC	EUR	19,8500	19,8500	19,8500			19,8500					
Certificate	DE000CX59H69	NASDAQ 4500TL OPENC	EUR	19,8000	19,8000	19,8000			19,8000					
Certificate	DE000CX59ZV6	NASDAQ 4500TL OPENC	EUR	19,8400	19,8400	19,8400			19,8400					
Certificate	DE000CX59NQ8	NASDAQ 4500TL OPENC	EUR	19,8000	19,8000	19,8000			19,8000					
Certificate	DE000CX59BZ4	NASDAQ 4500TL OPENC	EUR	20,2700	20,2700	20,2700			20,2700					
Certificate	DE000CX0KXH4	NASDAQ 4500TL OPENC	EUR	19,6200	19,6200	19,6200			19,6200					
Certificate	NL0012023865	NASDAQ 4540TL OPENB	EUR	22,3150	22,3150	22,3150			22,3150					
Certificate	DE000CN6K7Z7	NASDAQ 4550TL OPENZ	EUR	22,4400	22,4400	21,1250			21,1250					
Certificate	DE000CX59C07	NASDAQ 4600TL OPENC	EUR	19,3200	19,3200	19,3200			19,3200					
Certificate	DE000CX0KZU2	NASDAQ 4600TL OPENC	EUR	18,6900	18,6900	18,6900			18,6900					
Certificate	DE000CD61U47	NASDAQ 4656TL OPENZ	EUR	21,5100	21,5100	20,1900			20,1900					
Certificate	DE000CD61W45	NASDAQ 4661TL OPENZ	EUR	22,0150	22,0150	20,6950			20,6950					
Certificate	DE000CX59R55	NASDAQ 4700TL OPENC	EUR	18,5400	18,5400	18,5400			18,5400					
Certificate	DE000CX59LY6	NASDAQ 4700TL OPENC	EUR	17,9100	17,9100	17,9100			17,9100					
Certificate	NL0012028021	NASDAQ 4738BL OPENB	EUR	19,5850	19,5850	19,5850			19,5850					
Certificate	NL0012023881	NASDAQ 4750TL OPENB	EUR	20,4850	20,4850	20,4850			20,4850					
Certificate	DE000CD61V79	NASDAQ 4763TL OPENZ	EUR	20,5800	20,5800	19,2600			19,2600					
Certificate	DE000CY0AL63	NASDAQ 4800TL OPENC	EUR	17,0300	17,0300	17,0300			17,0300					
Certificate	DE000CY0ALR8	NASDAQ 4800TL OPENC	EUR	17,6600	17,6600	17,6600			17,6600					
Certificate	NL0012028385	NASDAQ 4850TL OPENB	EUR	19,5950	19,5950	19,5950			19,5950					
Certificate	DE000CD626N9	NASDAQ 4869TL OPENZ	EUR	19,6550	19,6550	18,3250			18,3250					
Certificate	DE000CD62A24	NASDAQ 4875TL OPENZ	EUR	20,1650	20,1650	18,8450			18,8450					
Certificate	DE000CY0ASV5	NASDAQ 4900TL OPENC	EUR	16,2000	16,2000	16,2000			16,2000					
Certificate	DE000CD628P0	NASDAQ 4974TL OPENZ	EUR	18,7200	18,7200	17,4000			17,4000					
Certificate	DE000CY0AV61	NASDAQ 5000TL OPENC	EUR	15,9300	15,9300	15,9300			15,9300					
Certificate	DE000CY0ASW3	NASDAQ 5000TL OPENC	EUR	15,2700	15,2700	15,2700			15,2700					
Certificate	DE000CD62DX1	NASDAQ 5080TL OPENZ	EUR	17,7900	17,7900	16,4700			16,4700					
Certificate	DE000CD641T5	NASDAQ 5085TL OPENZ	EUR	18,3550	18,3550	17,0250			17,0250					
Certificate	DE000CY0AZY4	NASDAQ 5100TL OPENC	EUR	14,9800	14,9800	14,9800			14,9800					
Certificate	DE000CJ3N6B8	NASDAQ 5150TL 1218Z	EUR	17,2600	17,2600	15,9300			15,9300					
Certificate	DE000CD63ZX2	NASDAQ 5185TL OPENZ	EUR	16,8850	16,8850	15,5550			15,5550					
Certificate	DE000CY16BL2	NASDAQ 5200TL OPENC	EUR	13,4300	13,4300	13,4300			13,4300					
Certificate	DE000CY16CU1	NASDAQ 5200TL OPENC	EUR	14,1100	14,1100	14,1100			14,1100					
Certificate	NL0012107114	NASDAQ 5226BL OPENB	EUR	15,3050	15,3050	15,3050			15,3050					
Certificate	NL0012107924	NASDAQ 5280BL OPENB	EUR	14,8350	14,8350	14,8350			14,8350					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD64CC3	NASDQ 5288TL OPENZ	EUR	15,9750	15,9750	14,6450			14,6450					
Certificate	DE000CD64E10	NASDQ 5294TL OPENZ	EUR	16,5500	16,5500	15,2150			15,2150					
Certificate	DE000CY16H78	NASDQ 5300TL OPENC	EUR	13,2100	13,2100	13,2100			13,2100					
Certificate	DE000CD64F50	NASDQ 5392TL OPENZ	EUR	15,0700	15,0700	13,7300			13,7300					
Certificate	DE000CY16U00	NASDQ 5400TL OPENC	EUR	11,6900	11,6900	11,6900			11,6900					
Certificate	DE000CY16TW1	NASDQ 5400TL OPENC	EUR	12,4000	12,4000	12,4000			12,4000					
Certificate	NL0012112486	NASDQ 5441BL OPENB	EUR	13,4250	13,4250	13,4250			13,4250					
Certificate	NL0013082332	NASDQ 5463TRL OPENH	EUR	13,0700	13,0700	13,0700			13,0700					
Certificate	NL0012114540	NASDQ 5494BL OPENB	EUR	12,9550	12,9550	12,9550			12,9550					
Certificate	DE000CE6BHP9	NASDQ 5495TL OPENZ	EUR	14,1700	14,1700	12,8350			12,8350					
Certificate	DE000CY50446	NASDQ 5500TL OPENC	EUR	11,5400	11,5400	11,5400			11,5400					
Certificate	DE000CY16XY9	NASDQ 5500TL OPENC	EUR	10,7600	10,7600	10,7600			10,7600					
Certificate	DE000CE6BN66	NASDQ 5504TL OPENZ	EUR	14,7450	14,7450	13,3950			13,3950					
Certificate	NL0013125271	NASDQ 5555TRL OPENH	EUR	12,2600	12,2600	12,2600			12,2600					
Certificate	NL0012260889	NASDQ 5590TL OPENB	EUR	14,6600	14,6600	13,3250	2137,5000	2	13,3250	150				
Certificate	DE000CE6BMX3	NASDQ 5598TL OPENZ	EUR	13,2700	13,2700	11,9200			11,9200					
Certificate	DE000CY50K88	NASDQ 5600TL OPENC	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	DE000CY50KQ1	NASDQ 5600TL OPENC	EUR	10,7200	10,7200	10,7200			10,7200					
Certificate	NL0013125263	NASDQ 5605TRL OPENH	EUR	11,8200	11,8200	11,8200			11,8200					
Certificate	NL0013081532	NASDQ 5613TL OPENH	EUR	12,7000	12,7000	12,7000			12,7000					
Certificate	DE000VL9VUP2	NASDQ 5673TL OPENV	EUR	11,4800	11,4800	10,3750	149,2400	1	10,3750	13				
Certificate	NL0012898613	NASDQ 5687TRL OPENH	EUR	11,0900	11,0900	11,0900			11,0900					
Certificate	DE000CY50MJ2	NASDQ 5700TL OPENC	EUR	9,8300	9,8300	9,8300			9,8300					
Certificate	DE000CY50LK2	NASDQ 5700TL OPENC	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	DE000CE6CH55	NASDQ 5700TL OPENZ	EUR	12,3700	12,3700	11,0300			11,0300					
Certificate	DE000CE6CJF4	NASDQ 5712TL OPENZ	EUR	12,9450	12,9450	11,5950			11,5950					
Certificate	NL0012265870	NASDQ 5740TL OPENB	EUR	11,9850	11,9850	11,9850			11,9850					
Certificate	DE000CV8AC54	NASDQ 5750TL 1218Z	EUR	12,0200	12,0200	10,6700			10,6700					
Certificate	NL0012265284	NASDQ 5760BL OPENB	EUR	10,6150	10,6150	10,6150			10,6150					
Certificate	NL0013083694	NASDQ 5762TRL OPENH	EUR	10,4300	10,4300	10,4300			10,4300					
Certificate	DE000CY517M7	NASDQ 5800TL OPENC	EUR	9,0200	9,0200	9,0200			9,0200					
Certificate	DE000CY51824	NASDQ 5800TL OPENC	EUR	8,2700	8,2700	8,2700			8,2700					
Certificate	DE000CY50GK2	NASDQ 5800TS OPENC	EUR											
Certificate	DE000CE6CKR7	NASDQ 5803TL OPENZ	EUR	11,4700	11,4700	10,1300			10,1300					
Certificate	NL0013083686	NASDQ 5813TRL OPENH	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	NL0012266852	NASDQ 5814BL OPENB	EUR	10,1350	10,1350	10,1350			10,1350					
Certificate	NL0012276992	NASDQ 5840TL OPENB	EUR	11,1750	11,1750	11,1750			11,1750					
Certificate	NL0013083678	NASDQ 5863TRL OPENH	EUR	9,5600	9,5600	9,5600			9,5600					
Certificate	NL0012898258	NASDQ 5880TL OPENH	EUR	10,3900	10,3900	10,3900			10,3900					
Certificate	NL0012277446	NASDQ 5900TL OPENB	EUR	10,6550	10,6550	10,6550			10,6550					
Certificate	DE000CY51LFO	NASDQ 5900TL OPENC	EUR	7,4800	7,4800	7,4800			7,4800					
Certificate	DE000CY51NF6	NASDQ 5900TL OPENC	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	DE000CE6D8E8	NASDQ 5905TL OPENZ	EUR	10,5850	10,5850	9,2350			9,2350					
Certificate	DE000CE6DYJ3	NASDQ 5919TL OPENZ	EUR	11,1600	11,1600	9,8050			9,8050					
Certificate	NL0012277388	NASDQ 5920BL OPENB	EUR	10,2000	10,2000	9,2150	605,0000	2	9,2150	60				
Certificate	NL0012898605	NASDQ 5939TRL OPENH	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	NL0012498448	NASDQ 6000TL OPENB	EUR	9,8050	9,8050	9,8050			9,8050					
Certificate	DE000CY52822	NASDQ 6000TL OPENC	EUR	7,3800	7,3800	7,3800			7,3800					
Certificate	DE000CE6DYB0	NASDQ 6007TL OPENZ	EUR	9,6950	9,6950	8,3450			8,3450					
Certificate	NL0013083660	NASDQ 6013TRL OPENH	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	NL0012491476	NASDQ 6023BL OPENB	EUR	8,3050	8,3050	8,3050			8,3050					
Certificate	LU1859907880	NASDQ 6063TCIOPENS	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	NL0013083652	NASDQ 6063TRL OPENH	EUR	7,7900	7,7900	7,7900			7,7900					
Certificate	NL0012499487	NASDQ 6073BL OPENB	EUR	7,8650	7,8650	7,8650			7,8650					
Certificate	DE000CY51WN1	NASDQ 6100TL OPENC	EUR	6,4900	6,4900	6,4900			6,4900					
Certificate	DE000CY51W42	NASDQ 6100TL OPENC	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	DE000CE6EK41	NASDQ 6108TL OPENZ	EUR	8,8150	8,8150	7,4650			7,4650					
Certificate	NL0013083645	NASDQ 6113TRL OPENH	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	NL0012925457	NASDQ 6114TL OPENH	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	DE000CE6FDG8	NASDQ 6127TL OPENZ	EUR	9,3650	9,3650	8,0050			8,0050					
Certificate	NL0012501910	NASDQ 6160TL OPENB	EUR	8,4450	8,4450	8,4450			8,4450					
Certificate	LU1859907963	NASDQ 6175TCIOPENS	EUR	6,8500	6,8500	6,8500			6,8500					
Certificate	NL0012504799	NASDQ 6177BL OPENB	EUR	6,9550	6,9550	6,9550			6,9550					
Certificate	NL0012924849	NASDQ 6186TRL OPENH	EUR	7,3300	7,3300	6,7100	146,6000	1	6,7100	20				
Certificate	NL0012505010	NASDQ 6200TL OPENB	EUR	8,0450	8,0450	8,0450			8,0450					
Certificate	DE000CY522K8	NASDQ 6200TL OPENC	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	DE000CE6F1M4	NASDQ 6208TL OPENZ	EUR	7,9450	7,9450	6,5850			6,5850					
Certificate	DE000VA8F006	NASDQ 6236TL OPENV	EUR	6,2650	6,2650	6,2650			6,2650					
Certificate	NL0012925440	NASDQ 6240TL OPENH	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	DE000VL76G29	NASDQ 6250TL OPENV	EUR	5,0000	5,0000	4,9850	100,0000	1	4,9850	20				
Certificate	NL0013083637	NASDQ 6264TRL OPENH	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	LU1840978008	NASDQ 6280TCIOPENS	EUR	5,7700	5,7700	5,7700			5,7700					



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	NL0012507057	NASDQ 6281BL OPENB	EUR	6,0350	6,0350	6,0350			6,0350					
Certificate	DE000VA8F014	NASDQ 6286TL OPENV	EUR	5,8250	5,8250	5,8250			5,8250					
Certificate	DE000CQ5AM14	NASDQ 6300TL OPENC	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	DE000CQ5AGC9	NASDQ 6300TL OPENC	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	DE000CE6FBK4	NASDQ 6309TL OPENZ	EUR	7,0550	7,0550	5,7050			5,7050					
Certificate	NL0012925432	NASDQ 6316TL OPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	DE000VA1GKL3	NASDQ 6327TL OPENV	EUR	4,5450	4,5450	4,5450			4,5450					
Certificate	NL0012508881	NASDQ 6333BL OPENB	EUR	5,5850	5,5850	5,5850			5,5850					
Certificate	DE000CV50848	NASDQ 6335TL OPENZ	EUR	7,5750	7,5750	6,2050			6,2050					
Certificate	NL0012924831	NASDQ 6339TRLOPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CV8AC62	NASDQ 6350TL 1218Z	EUR	6,7900	6,7900	5,4200			5,4200					
Certificate	DE000VA1GKN9	NASDQ 6377TL OPENV	EUR	4,0950	4,0950	4,0950			4,0950					
Certificate	NL0012687149	NASDQ 6384BL OPENB	EUR	5,5100	5,5100	5,1350	1940,3200	2	5,1350	362				
Certificate	NL0012925424	NASDQ 6392TL OPENH	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	NL0012687453	NASDQ 6400TL OPENB	EUR	7,5000	7,5000	6,0150	21310,0000	4	6,3650	3400				
Certificate	DE000CQ5AM22	NASDQ 6400TL OPENC	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000CQ5AJM2	NASDQ 6400TL OPENC	EUR	3,7700	3,7700	3,5700	497,6400	1	3,5700	132				
Certificate	DE000CV50780	NASDQ 6408TL OPENZ	EUR	6,1900	6,1900	4,8350			4,8350					
Certificate	NL0012924823	NASDQ 6415TRLOPENH	EUR	4,7100	4,7100	4,7100			4,7100					
Certificate	LU1859908003	NASDQ 6430TCIOPENS	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	NL0012925416	NASDQ 6438TL OPENH	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	DE000VA1ZE79	NASDQ 6442TL OPENV	EUR	3,6550	3,6550	3,6550			3,6550					
Certificate	NL0013127855	NASDQ 6442TRLOPENH	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	NL0012779664	NASDQ 6450TL OPENB	EUR	7,3000	7,3000	5,9350	1684,0000	2	5,9350	250				
Certificate	NL0012925408	NASDQ 6468TL OPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	NL0012924815	NASDQ 6491TRLOPENH	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000VA1ZEV5	NASDQ 6492TL OPENV	EUR											
Certificate	NL0013018963	NASDQ 6500TL OPENB	EUR	4,4850	4,4850	4,4850			4,4850					
Certificate	DE000CQ5BFQ9	NASDQ 6500TL OPENC	EUR											
Certificate	DE000CQ5AXU6	NASDQ 6500TL OPENC	EUR											
Certificate	DE000CP06YG3	NASDQ 6500TL OPENC	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	DE000CQ5BEW0	NASDQ 6500TL OPENC	EUR											
Certificate	DE000CP07BR6	NASDQ 6500TL OPENC	EUR	6,1600	6,1600	4,6500	1921,9000	3	4,6900	390				
Certificate	DE000CQ5AXH3	NASDQ 6500TL OPENC	EUR											
Certificate	DE000CV50798	NASDQ 6510TL OPENZ	EUR	5,3100	5,3100	3,9450			3,9450					
Certificate	NL0012925390	NASDQ 6519TL OPENH	EUR	6,1300	6,1300	4,7500	8904,0000	5	4,8800	1500				
Certificate	NL0013125255	NASDQ 6526TRLOPENH	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	NL0012780050	NASDQ 6539BL OPENB	EUR	5,1400	5,2350	3,5350	35734,3000	10	3,7750	8410				
Certificate	LU1840978180	NASDQ 6541TCIOPENS	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000VA1ZEW3	NASDQ 6542TL OPENV	EUR											
Certificate	NL0013125248	NASDQ 6546TRLOPENH	EUR	4,4700	4,7200	3,5100	11990,0000	6	3,5600	3000				
Certificate	NL0013018971	NASDQ 6550TL OPENB	EUR	5,2300	5,2350	4,0000	13480,0000	3	4,0450	3000				
Certificate	NL0012925382	NASDQ 6560TL OPENH	EUR	6,0400	6,0400	4,5300	30200,0000	1	4,5300	5000				
Certificate	NL0012924807	NASDQ 6568TRLOPENH	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	NL0013128077	NASDQ 6581TL OPENH	EUR	4,3500	4,3500	4,3500			4,3500					
Certificate	DE000CJ3PUA6	NASDQ 6585TL OPENZ	EUR	5,4200	5,4200	4,0450			4,0450					
Certificate	DE000VA80GN3	NASDQ 6586TL OPENV	EUR											
Certificate	NL0012786438	NASDQ 6587BL OPENB	EUR											
Certificate	NL0013146293	NASDQ 6588BL OPENB	EUR	4,7000	4,7050	3,0850	259140,0000	21	3,3450	68000				
Certificate	NL0012925374	NASDQ 6588TL OPENH	EUR											
Certificate	DE000CV88K87	NASDQ 6589TL OPENZ	EUR											
Certificate	DE000VA1ZEX1	NASDQ 6592TL OPENV	EUR											
Certificate	NL0013145618	NASDQ 6600TL OPENB	EUR	4,8500	4,8500	3,6150	43,6500	1	3,6150	9				
Certificate	NL0012785653	NASDQ 6600TL OPENB	EUR											
Certificate	DE000CQ5AXJ9	NASDQ 6600TL OPENC	EUR											
Certificate	DE000CQ5AXV4	NASDQ 6600TL OPENC	EUR											
Certificate	NL0013127848	NASDQ 6602TRLOPENH	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	NL0013125230	NASDQ 6603TRLOPENH	EUR											
Certificate	DE000CV88MH2	NASDQ 6607TL OPENZ	EUR											
Certificate	DE000CJ3PSP8	NASDQ 6609TL OPENZ	EUR	4,4450	4,4450	3,0850			3,0850					
Certificate	NL0012925366	NASDQ 6618TL OPENH	EUR											
Certificate	NL0013128069	NASDQ 6621TL OPENH	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	NL0013127830	NASDQ 6622TRLOPENH	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	DE000VA80GQ6	NASDQ 6636TL OPENV	EUR											
Certificate	NL0012787261	NASDQ 6638BL OPENB	EUR											
Certificate	NL0012924799	NASDQ 6641TRLOPENH	EUR											
Certificate	DE000VA1ZEX6	NASDQ 6642TL OPENV	EUR											
Certificate	NL0013127020	NASDQ 6643TRLOPENH	EUR	3,8400	4,0000	2,7400	1982,0700	4	2,7400	527				
Certificate	NL0012925358	NASDQ 6644TL OPENH	EUR											
Certificate	DE000CV8AGC6	NASDQ 6650TL 1218Z	EUR											
Certificate	DE000CJ3PUH1	NASDQ 6650TL 1218Z	EUR	4,1750	4,1750	2,8050			2,8050					
Certificate	NL0012787535	NASDQ 6650TL 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	NL0013145626	NASDQ 6650TL OPENB	EUR	4,4100	4,4100	3,1850	846610,9200	11	3,1850	212162				
Certificate	NL0012785034	NASDQ 6670TS OPENB	EUR											
Certificate	NL0012925341	NASDQ 6679TL OPENH	EUR											
Certificate	NL0013129620	NASDQ 6680TL OPENH	EUR	3,5000	3,5000	3,5000			3,5000					
Certificate	NL0013127822	NASDQ 6682TRL OPENH	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0013125222	NASDQ 6683TRL OPENH	EUR											
Certificate	NL0013010390	NASDQ 6685BL OPENB	EUR											
Certificate	DE000VA80GT0	NASDQ 6686TL OPENV	EUR											
Certificate	LU1840978263	NASDQ 6687TCI OPENS	EUR											
Certificate	NL0013127814	NASDQ 6702TRL OPENH	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	DE000CV88N92	NASDQ 6707TL OPENZ	EUR											
Certificate	DE000CJ3PT17	NASDQ 6709TL OPENZ	EUR	3,5850	3,5850	2,2150			2,2150					
Certificate	NL0012925333	NASDQ 6710TL OPENH	EUR											
Certificate	NL0012924781	NASDQ 6717TRL OPENH	EUR											
Certificate	NL0013127806	NASDQ 6720TR SOPENH	EUR											
Certificate	LU1756866817	NASDQ 6730TCI OPENS	EUR											
Certificate	NL0013010408	NASDQ 6735BL OPENB	EUR											
Certificate	DE000VA87D71	NASDQ 6736TL OPENV	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	NL0013129612	NASDQ 6740TL OPENH	EUR	2,9800	2,9800	2,9800			2,9800					
Certificate	NL0012925325	NASDQ 6740TL OPENH	EUR											
Certificate	NL0013127012	NASDQ 6740TRL OPENH	EUR											
Certificate	NL0013128838	NASDQ 6741TRL OPENH	EUR	1,9000	1,9000	1,9000			1,9000					
Certificate	NL0013125214	NASDQ 6743TRL OPENH	EUR											
Certificate	NL0013083629	NASDQ 6752TRL OPENH	EUR											
Certificate	NL0012925317	NASDQ 6755TL OPENH	EUR											
Certificate	NL0012925309	NASDQ 6776TL OPENH	EUR											
Certificate	NL0013127004	NASDQ 6780TRL OPENH	EUR											
Certificate	NL0013128820	NASDQ 6781TRL OPENH	EUR	3,0100	3,0100	1,5700	8052,3600	10	1,5700	3908				
Certificate	NL0013017429	NASDQ 6782BL OPENB	EUR											
Certificate	NL0013125206	NASDQ 6783TRL OPENH	EUR											
Certificate	DE000VA87D89	NASDQ 6786TL OPENV	EUR											
Certificate	NL0013129604	NASDQ 6800TL OPENH	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	NL0013126998	NASDQ 6800TRL OPENH	EUR											
Certificate	NL0013125198	NASDQ 6800TR SOPENH	EUR											
Certificate	NL0013128812	NASDQ 6801TRL OPENH	EUR	2,2000	2,3800	1,4200	2776,0000	7	1,4200	1500				
Certificate	DE000CJ3PQD8	NASDQ 6806TL OPENZ	EUR											
Certificate	DE000CJ3PWM7	NASDQ 6809TL OPENZ	EUR	2,5400	2,5400	1,3650	12700,0000	3	1,3650	5000				
Certificate	NL0013017890	NASDQ 6810TL OPENB	EUR											
Certificate	NL0013126980	NASDQ 6820TRL OPENH	EUR											
Certificate	NL0013128804	NASDQ 6820TR SOPENH	EUR											
Certificate	NL0013125180	NASDQ 6820TR SOPENH	EUR											
Certificate	NL0013126329	NASDQ 6840TL OPENH	EUR											
Certificate	NL0013126972	NASDQ 6840TRL OPENH	EUR											
Certificate	NL0013125172	NASDQ 6840TR SOPENH	EUR											
Certificate	NL0013128796	NASDQ 6840TR SOPENH	EUR											
Certificate	DE000CV88U69	NASDQ 6844TL OPENZ	EUR											
Certificate	NL0013126964	NASDQ 6850TRL OPENH	EUR											
Certificate	NL0013125164	NASDQ 6850TR SOPENH	EUR											
Certificate	DE000VA2T5R0	NASDQ 6855TL OPENV	EUR											
Certificate	NL0013017908	NASDQ 6860TL OPENB	EUR											
Certificate	NL0013129331	NASDQ 6880TRL OPENH	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	NL0013125156	NASDQ 6880TR SOPENH	EUR											
Certificate	NL0013126956	NASDQ 6880TR SOPENH	EUR											
Certificate	NL0013127111	NASDQ 6880TS OPENH	EUR											
Certificate	NL0013129323	NASDQ 6900TRL OPENH	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	NL0013126949	NASDQ 6900TR SOPENH	EUR											
Certificate	NL0013125149	NASDQ 6900TR SOPENH	EUR											
Certificate	NL0013127103	NASDQ 6900TS OPENH	EUR											
Certificate	DE000CJ3PSQ6	NASDQ 6919TS OPENZ	EUR											
Certificate	NL0013129315	NASDQ 6920TRL OPENH	EUR	0,6000	0,7000	0,3000	11515,0000	15	0,3000	22900				
Certificate	NL0013126931	NASDQ 6920TR SOPENH	EUR											
Certificate	NL0013125131	NASDQ 6920TR SOPENH	EUR											
Certificate	NL0013019029	NASDQ 6920TS OPENB	EUR											
Certificate	DE000CJ3PN47	NASDQ 6920TS OPENZ	EUR											
Certificate	NL0012969406	NASDQ 6930TL OPENB	EUR											
Certificate	NL0013016934	NASDQ 6930TS OPENB	EUR											
Certificate	NL0013129307	NASDQ 6940TRL OPENH	EUR	0,3600	0,3600	0,1300	2142,0000	4	0,2000	8400				
Certificate	NL0013125123	NASDQ 6940TR SOPENH	EUR											
Certificate	NL0013126923	NASDQ 6940TR SOPENH	EUR											
Certificate	NL0013129299	NASDQ 6950TRL OPENH	EUR	1,5100	1,5100	0,2800	7177,7000	12	0,2800	5968				
Certificate	DE000VA2T5T6	NASDQ 6955TL OPENV	EUR											
Certificate	DE000CV89DW8	NASDQ 6979TL 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	NL0013125974	NASDQ 6980TRL0PENH	EUR											
Certificate	NL0013129281	NASDQ 6980TRS0PENH	EUR											
Certificate	NL0013127798	NASDQ 6980TRS0PENH	EUR											
Certificate	NL0013125503	NASDQ 6999TS 0PENH	EUR											
Certificate	DE000CQ58EY6	NASDQ 7000TL 0PENH	EUR											
Certificate	DE000CQ58NN0	NASDQ 7000TL 0PENH	EUR											
Certificate	DE000CQ58F55	NASDQ 7000TL 0PENH	EUR											
Certificate	NL0013125966	NASDQ 7000TRL0PENH	EUR											
Certificate	DE000CY52ZL6	NASDQ 7000TS 0PENH	EUR											
Certificate	NL0013016272	NASDQ 70108S 0PENH	EUR											
Certificate	DE000VA8F4D3	NASDQ 7016TS 0PENH	EUR											
Certificate	NL0013125958	NASDQ 7019TRS0PENH	EUR											
Certificate	DE000CJ3PN54	NASDQ 7019TS 0PENH	EUR											
Certificate	NL0013016942	NASDQ 7020TS 0PENH	EUR											
Certificate	NL0013125941	NASDQ 7038TRS0PENH	EUR											
Certificate	LU1859907708	NASDQ 7043TPIO0ENS	EUR											
Certificate	NL0013125933	NASDQ 7048TRS0PENH	EUR											
Certificate	NL0013125495	NASDQ 7049TS 0PENH	EUR											
Certificate	DE000CJ3PNV7	NASDQ 7052TS 0PENH	EUR											
Certificate	DE000VA8F0V3	NASDQ 7066TS 0PENH	EUR											
Certificate	DE000CV880H2	NASDQ 7071TS 0PENH	EUR											
Certificate	NL0013125925	NASDQ 7078TRS0PENH	EUR											
Certificate	NL0013125917	NASDQ 7098TRS0PENH	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	NL0013012545	NASDQ 7100TL 0PENH	EUR											
Certificate	DE000CQ58JM0	NASDQ 7100TL 0PENH	EUR											
Certificate	DE000CQ58NP5	NASDQ 7100TL 0PENH	EUR											
Certificate	DE000CY52ZM4	NASDQ 7100TS 0PENH	EUR	1,4700	1,4700	1,4700			1,4700					
Certificate	NL0013016280	NASDQ 71108S 0PENH	EUR	0,4200	1,6150	0,4200	5998,0000	4	1,6150	4600				
Certificate	DE000VA8F0X9	NASDQ 7116TS 0PENH	EUR	1,5450	1,5450	1,5450			1,5450					
Certificate	NL0013125115	NASDQ 7118TRS0PENH	EUR	1,6300	1,6300	1,5700	97,3400	1	1,6100	62				
Certificate	DE000CJ3PME5	NASDQ 7118TS 0PENH	EUR											
Certificate	NL0013125487	NASDQ 7119TS 0PENH	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	NL0013016959	NASDQ 7120TS 0PENH	EUR	0,9300	2,2700	0,9300	960,0000	2	2,2350	600				
Certificate	NL0012978928	NASDQ 71278L 0PENH	EUR											
Certificate	NL0013125909	NASDQ 7138TRS0PENH	EUR	0,4400	1,7700	0,4400	220,0000	1	1,7700	500				
Certificate	DE000CJ3PMU1	NASDQ 7150TS 1218Z	EUR											
Certificate	DE000VA8F0Z4	NASDQ 7166TS 0PENH	EUR	1,9750	1,9750	1,9750			1,9750					
Certificate	NL0012980072	NASDQ 71758L 0PENH	EUR											
Certificate	NL0013126915	NASDQ 7179TRS0PENH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0013085533	NASDQ 7197TRS0PENH	EUR	0,8100	2,3000	0,8000	19884,6000	21	2,2600	14690				
Certificate	NL0013126311	NASDQ 7199TS 0PENH	EUR	2,0700	3,5000	2,0700	45425,0000	9	3,5000	17500				
Certificate	DE000CQ58UE4	NASDQ 7200TL 0PENH	EUR											
Certificate	DE000CY52ZN2	NASDQ 7200TS 0PENH	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	NL0013016298	NASDQ 72108S 0PENH	EUR	1,1400	2,5550	1,0200	350577,0000	37	2,4950	221240				
Certificate	DE000VA8FUX4	NASDQ 7216TS 0PENH	EUR	2,4050	2,4050	2,4050			2,4050					
Certificate	NL0013085525	NASDQ 7217TRS0PENH	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	DE000CJ3PHE5	NASDQ 7218TS 0PENH	EUR	1,0950	2,5100	1,0800	7257,5000	7	2,4650	4250				
Certificate	NL0013016967	NASDQ 7220TS 0PENH	EUR	1,9300	3,1250	1,9300	965,0000	1	3,1250	500				
Certificate	NL0013085517	NASDQ 7237TRS0PENH	EUR	1,1400	2,6000	1,1400	1765,0000	2	2,6000	1000				
Certificate	DE000VA8FU02	NASDQ 7266TS 0PENH	EUR	2,8450	2,8450	2,8450			2,8450					
Certificate	NL0012928220	NASDQ 7268TRL0PENH	EUR											
Certificate	NL0013084551	NASDQ 7276TRS0PENH	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	NL0013085251	NASDQ 7279TS 0PENH	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	NL0012928212	NASDQ 7288TRL0PENH	EUR											
Certificate	NL0013085855	NASDQ 7297TRS0PENH	EUR	2,0000	3,1200	2,0000	1624,0000	2	3,1200	700				
Certificate	DE000CJ3PHZ0	NASDQ 7302TS 0PENH	EUR	2,7000	4,0850	2,7000			4,0850					
Certificate	NL0013008535	NASDQ 73108S 0PENH	EUR	2,0000	3,4650	1,9950	7605,6000	16	3,3650	2550				
Certificate	DE000VA71L04	NASDQ 7315TS 0PENH	EUR	3,2850	3,2850	3,2850			3,2850					
Certificate	DE000CJ3PE63	NASDQ 7317TS 0PENH	EUR	1,9550	3,3350	1,9200	23904,0000	17	3,3350	10600				
Certificate	NL0013009517	NASDQ 7330TS 0PENH	EUR	4,0150	4,0150	4,0150			4,0150					
Certificate	NL0013081052	NASDQ 7335TRS0PENH	EUR	2,0700	3,4500	2,0700	10445,0000	3	3,4500	4100				
Certificate	NL0013081508	NASDQ 7350TS 0PENH	EUR	4,8600	4,8600	4,8600			4,8600					
Certificate	LU1840975160	NASDQ 7365TPIO0ENS	EUR	3,7200	3,7200	3,7200			3,7200					
Certificate	DE000VA71L20	NASDQ 7365TS 0PENH	EUR	2,7100	3,7250	2,6750	8235,0000	7	3,7250	2546				
Certificate	NL0013083496	NASDQ 7376TRS0PENH	EUR	3,8100	3,8100	3,8100			3,8100					
Certificate	DE000CP07BU0	NASDQ 7400TS 0PENH	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	DE000CP06VE4	NASDQ 7400TS 0PENH	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	NL0013008543	NASDQ 74108S 0PENH	EUR	3,0000	4,2450	3,0000	1076,9000	3	4,2450	280				
Certificate	NL0013079817	NASDQ 7415TRS0PENH	EUR	3,0000	4,1700	3,0000	3651,9200	3	4,1400	1048				
Certificate	DE000VA71L46	NASDQ 7415TS 0PENH	EUR	4,1650	4,1650	4,1650			4,1650					
Certificate	DE000CJ3N7T8	NASDQ 7417TS 0PENH	EUR	2,8150	4,1950	2,8150			4,1950					
Certificate	NL0013081490	NASDQ 7420TS 0PENH	EUR	5,4800	5,4800	5,4800			5,4800					



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	NL0013009525	NASDQ 7430TS OPENB	EUR	3,6400	4,9800	3,6400	302454,7100	4	4,9050	61004				
Certificate	NL0013084544	NASDQ 7436TRSOPENH	EUR	2,9200	4,3400	2,9200	42025,0000	8	4,3400	12500				
Certificate	NL0013078520	NASDQ 7445TRSOPENH	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	DE000CJ3N6D4	NASDQ 7450TS 1218Z	EUR	3,1450	4,4950	3,1450			4,4950					
Certificate	DE000VA71L61	NASDQ 7465TS OPENV	EUR	4,6050	4,6050	4,6050			4,6050					
Certificate	NL0013086861	NASDQ 7478TRSOPENH	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	NL0013081482	NASDQ 7480TS OPENH	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	NL0013078173	NASDQ 7494TRSOPENH	EUR	4,8500	4,8500	4,8500			4,8500					
Certificate	DE000CP07BV8	NASDQ 7500TS OPENC	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	DE000CP06VF1	NASDQ 7500TS OPENC	EUR	4,9200	4,9200	4,9200			4,9200					
Certificate	NL0013008550	NASDQ 7510BS OPENB	EUR	4,9700	5,1250	4,9550	894,6000	1	5,1250	180				
Certificate	DE000VA77DT1	NASDQ 7515TS OPENV	EUR	5,0450	5,0450	5,0450			5,0450					
Certificate	DE000CJ3N2J0	NASDQ 7516TS OPENZ	EUR	3,6750	5,0600	3,6750			5,0600					
Certificate	NL0013007131	NASDQ 7530TS OPENB	EUR	5,7950	5,7950	5,7950			5,7950					
Certificate	NL0013078165	NASDQ 7534TRSOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0013080005	NASDQ 7550TS OPENH	EUR	6,6600	6,6600	6,6600			6,6600					
Certificate	DE000CJ3N6S2	NASDQ 7552TS OPENZ	EUR	4,9200	6,3100	4,9200			6,3100					
Certificate	DE000VA77A68	NASDQ 7565TS OPENV	EUR	5,4850	5,4850	5,4850			5,4850					
Certificate	NL0013078157	NASDQ 7574TRSOPENH	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0013084536	NASDQ 7596TRSOPENH	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CP069C1	NASDQ 7600TS OPENC	EUR											
Certificate	DE000CP07BW6	NASDQ 7600TS OPENC	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	DE000CP069T5	NASDQ 7600TS OPENC	EUR											
Certificate	DE000CP06YI7	NASDQ 7600TS OPENC	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	NL0013079130	NASDQ 7600TS OPENH	EUR	7,1100	7,1100	7,1100			7,1100					
Certificate	NL0013006869	NASDQ 7609BS OPENB	EUR	4,5800	6,2750	4,5650	4883,0000	6	6,0050	920				
Certificate	DE000VA77A76	NASDQ 7615TS OPENV	EUR	5,9250	5,9250	5,9250			5,9250					
Certificate	DE000CJ3N0L0	NASDQ 7615TS OPENZ	EUR	4,5450	5,9300	4,5450			5,9300					
Certificate	NL0013006463	NASDQ 7630TS OPENB	EUR	5,3000	6,6750	5,3000	5820,0000	2	6,6750	1000				
Certificate	NL0013078140	NASDQ 7634TRSOPENH	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	DE000VA7PWH4	NASDQ 7665TS OPENV	EUR	6,3650	6,3650	6,3650			6,3650					
Certificate	LU1840975244	NASDQ 7675TPIOPENS	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	NL0012890362	NASDQ 7697TRSOPENH	EUR	6,0600	6,6100	6,0600	28390,0000	7	6,6100	4500				
Certificate	NL0012924997	NASDQ 7699TS OPENH	EUR	7,9900	7,9900	7,9900			7,9900					
Certificate	NL0012980098	NASDQ 7709BS OPENB	EUR	5,5200	6,8750	5,5150	12615,0000	4	6,8750	2000				
Certificate	DE000CV4Z9S6	NASDQ 7715TS OPENZ	EUR	5,4100	6,8000	5,4100			6,8000					
Certificate	NL0012890354	NASDQ 7717TRSOPENH	EUR	6,8000	6,8000	6,8000			6,8000					
Certificate	NL0012924377	NASDQ 7727TRSOPENH	EUR	6,8700	6,8700	6,8700			6,8700					
Certificate	NL0012924989	NASDQ 7729TS OPENH	EUR	8,2500	8,2500	8,2500			8,2500					
Certificate	NL0013005416	NASDQ 7730TS OPENB	EUR	6,0100	7,7000	6,0100	47261,0000	10	7,5650	7100				
Certificate	DE000VA2T5M1	NASDQ 7741TS OPENV	EUR	6,9000	6,9000	6,7700	1367,0000	2	6,8050	200				
Certificate	DE000CJ3N2I1	NASDQ 7750TS 1218Z	EUR	5,7100	7,0900	5,7100			7,0900					
Certificate	NL0012890347	NASDQ 7757TRSOPENH	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	NL0012900658	NASDQ 7777TS OPENH	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	NL0012892962	NASDQ 7779TRSOPENH	EUR	7,3400	7,3400	7,3400			7,3400					
Certificate	DE000VA2T5N9	NASDQ 7791TS OPENV	EUR	7,2450	7,2450	7,2450			7,2450					
Certificate	DE000CQ5AC81	NASDQ 7800TS OPENC	EUR	6,6000	6,7600	6,6000	66,0000	1	6,7600	10				
Certificate	DE000CQ5BQE2	NASDQ 7800TS OPENC	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	DE000CQ5BFU1	NASDQ 7800TS OPENC	EUR	8,0800	8,0800	8,0800			8,0800					
Certificate	NL0012924369	NASDQ 7801TRSOPENH	EUR	7,5400	7,5400	7,5400			7,5400					
Certificate	DE000CV4YU90	NASDQ 7802TS OPENZ	EUR	7,1450	8,5550	7,1450			8,5550					
Certificate	NL0012924971	NASDQ 7804TS OPENH	EUR	8,9300	8,9300	8,9300			8,9300					
Certificate	NL0012983860	NASDQ 7809BS OPENB	EUR	7,7550	7,7550	7,7550			7,7550					
Certificate	DE000CV4ZB19	NASDQ 7818TS OPENZ	EUR	6,3000	7,7000	6,3000			7,7000					
Certificate	NL0012900856	NASDQ 7827TRSOPENH	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	NL0012984041	NASDQ 7830TS OPENB	EUR	9,6500	9,9250	9,6500	965,0000	1	9,9250	100				
Certificate	NL0012894018	NASDQ 7833TS OPENH	EUR	9,2000	9,2000	9,2000			9,2000					
Certificate	DE000VA2T5P4	NASDQ 7841TS OPENV	EUR	7,6000	7,6850	7,6000	205,2000	1	7,6850	27				
Certificate	NL0012892954	NASDQ 7859TRSOPENH	EUR	8,0400	8,0400	8,0400			8,0400					
Certificate	NL0012894000	NASDQ 7873TS OPENH	EUR	9,5600	9,5600	9,5600			9,5600					
Certificate	NL0012892947	NASDQ 7879TRSOPENH	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	DE000VA4RNNH6	NASDQ 7885TS OPENV	EUR	8,1250	8,1250	8,1250			8,1250					
Certificate	NL0012893994	NASDQ 7893TS OPENH	EUR	9,7400	9,7400	9,7400			9,7400					
Certificate	NL0012892939	NASDQ 7899TRSOPENH	EUR	8,3800	8,3800	8,3800			8,3800					
Certificate	NL0012892921	NASDQ 7919TRSOPENH	EUR	7,0200	8,5700	7,0200	2152,0000	2	8,5700	300				
Certificate	DE000CV4ZJG7	NASDQ 7920TS OPENZ	EUR	7,1900	8,6000	7,1900			8,6000					
Certificate	NL0012924963	NASDQ 7929TS OPENH	EUR	10,0500	10,0500	10,0500			10,0500					
Certificate	NL0012676852	NASDQ 7930TS OPENB	EUR	9,5000	10,8550	9,5000	950,0000	1	10,8550	100				
Certificate	DE000VA3EB68	NASDQ 7938TS OPENV	EUR	8,3300	8,5650	8,3050	2275,5000	2	8,5650	270				
Certificate	NL0012924351	NASDQ 7951TRSOPENH	EUR	8,8400	8,8400	8,8400			8,8400					
Certificate	NL0012893986	NASDQ 7973TS OPENH	EUR	10,4500	10,4500	10,4500			10,4500					
Certificate	NL0012892913	NASDQ 7979TRSOPENH	EUR	9,0900	9,0900	9,0900			9,0900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012893978	NASDQ 7993TS OPENH	EUR	10,6200	10,6200	10,6200			10,6200					
Certificate	NL0012893457	NASDQ 7999TRSOPENH	EUR	9,2600	9,2600	9,2600			9,2600					
Certificate	DE000CY52588	NASDQ 8000TS OPENC	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	DE000CP063E0	NASDQ 8000TS OPENC	EUR	10,1700	10,1700	10,1700			10,1700					
Certificate	DE000CQ58UG9	NASDQ 8000TS OPENC	EUR	9,1200	9,1200	9,1200			9,1200					
Certificate	DE000CY52GG6	NASDQ 8000TS OPENC	EUR	9,3300	9,3300	9,3300			9,3300					
Certificate	DE000CV429X6	NASDQ 8000TS OPENZ	EUR	8,9100	10,3250	8,9100			10,3250					
Certificate	NL0012677405	NASDQ 8003BS OPENB	EUR	9,4550	9,4550	9,4550			9,4550					
Certificate	NL0012894562	NASDQ 8014TS OPENH	EUR	10,8200	10,8200	10,8200			10,8200					
Certificate	DE000CV42KZ5	NASDQ 8022TS OPENZ	EUR	8,0900	9,4900	8,0900			9,4900					
Certificate	LU1790486127	NASDQ 8027TPIOPENS	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	NL0012892905	NASDQ 8028TRSOPENH	EUR	9,5200	9,5200	9,5200			9,5200					
Certificate	NL0012992481	NASDQ 8030TS OPENB	EUR	11,7350	11,7350	11,7350			11,7350					
Certificate	DE000VA4YRX0	NASDQ 8034TS OPENV	EUR	9,4350	9,4350	9,4350			9,4350					
Certificate	NL0012893960	NASDQ 8043TS OPENH	EUR	11,0800	11,0800	11,0800			11,0800					
Certificate	DE000CV8AC88	NASDQ 8050TS 1218Z	EUR	8,3200	9,7100	8,3200			9,7100					
Certificate	NL0012894554	NASDQ 8074TS OPENH	EUR	11,3600	11,3600	11,3600			11,3600					
Certificate	NL0013079544	NASDQ 8075TRSOPENH	EUR	9,9400	9,9400	9,9400			9,9400					
Certificate	NL0012892897	NASDQ 8078TRSOPENH	EUR	9,9600	9,9600	9,9600			9,9600					
Certificate	DE000VA4YRY8	NASDQ 8084TS OPENV	EUR	9,7600	9,8750	9,7600	1952,0000	1	9,8750	200				
Certificate	NL0012893952	NASDQ 8093TS OPENH	EUR	11,5300	11,5300	11,5300			11,5300					
Certificate	NL0012992226	NASDQ 8103BS OPENB	EUR	10,3350	10,3350	10,3350			10,3350					
Certificate	NL0012894547	NASDQ 8114TS OPENH	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	NL0012993406	NASDQ 8120TS OPENZ	EUR	12,5550	12,5550	12,5550			12,5550					
Certificate	DE000CV4ZPF6	NASDQ 8124TS OPENZ	EUR	8,9800	10,3900	8,9800			10,3900					
Certificate	NL0012892889	NASDQ 8128TRSOPENH	EUR	10,4100	10,4100	10,4100			10,4100					
Certificate	DE000VA4Y1M1	NASDQ 8132TS OPENV	EUR	10,3250	10,3250	10,3250			10,3250					
Certificate	NL0012893945	NASDQ 8143TS OPENH	EUR	11,9800	11,9800	11,9800			11,9800					
Certificate	NL0012894539	NASDQ 8174TS OPENH	EUR	12,2500	12,2500	12,2500			12,2500					
Certificate	NL0012892871	NASDQ 8178TRSOPENH	EUR	10,8500	10,8500	10,8500			10,8500					
Certificate	DE000VA4Y1N9	NASDQ 8182TS OPENV	EUR	10,7650	10,7650	10,7650			10,7650					
Certificate	NL0012893937	NASDQ 8193TS OPENH	EUR	12,4300	12,4300	12,4300			12,4300					
Certificate	DE000CP061P0	NASDQ 8200TS OPENC	EUR	10,9200	10,9200	10,9200			10,9200					
Certificate	DE000CP063F7	NASDQ 8200TS OPENC	EUR	11,9500	11,9500	11,9500			11,9500					
Certificate	DE000CV4ZLC2	NASDQ 8200TS OPENZ	EUR	10,6900	12,1050	10,6900			12,1050					
Certificate	NL0012994362	NASDQ 8203BS OPENB	EUR	11,2150	11,2150	11,2150			11,2150					
Certificate	NL0013003189	NASDQ 8210TS OPENB	EUR	11,8950	11,8950	11,8950			11,8950					
Certificate	NL0012894521	NASDQ 8214TS OPENH	EUR	12,6100	12,6100	12,6100			12,6100					
Certificate	DE000VASRM35	NASDQ 8226TS OPENV	EUR	11,2350	11,2350	11,2350			11,2350					
Certificate	DE000CV4ZPY7	NASDQ 8226TS OPENZ	EUR	9,8700	11,2900	9,8700	3288,0000	1	11,2900	300				
Certificate	NL0012892863	NASDQ 8228TRSOPENH	EUR	11,2900	11,2900	11,2900			11,2900					
Certificate	NL0012893929	NASDQ 8243TS OPENH	EUR	12,8700	12,8700	12,8700			12,8700					
Certificate	NL0012894513	NASDQ 8274TS OPENH	EUR	13,1500	13,1500	13,1500			13,1500					
Certificate	DE000VASRM43	NASDQ 8276TS OPENV	EUR	11,6750	11,6750	11,6750			11,6750					
Certificate	NL0012892855	NASDQ 8278TRSOPENH	EUR	11,7300	11,7300	11,7300			11,7300					
Certificate	NL0012893911	NASDQ 8293TS OPENH	EUR	13,3100	13,3100	13,3100			13,3100					
Certificate	LU1817097402	NASDQ 8308TPIOPENS	EUR	11,7500	11,7500	11,7500			11,7500					
Certificate	NL0013003890	NASDQ 8310TS OPENB	EUR	12,7550	12,7550	12,7550			12,7550					
Certificate	NL0012894505	NASDQ 8314TS OPENH	EUR	13,5100	13,5100	13,5100			13,5100					
Certificate	NL0012892848	NASDQ 8328TRSOPENH	EUR	12,1600	12,1600	12,1600			12,1600					
Certificate	NL0012893903	NASDQ 8343TS OPENH	EUR	13,7700	13,7700	13,7700			13,7700					
Certificate	DE000CV8AC96	NASDQ 8350TS 1218Z	EUR	10,9300	12,3300	10,9300			12,3300					
Certificate	DE000VA6D393	NASDQ 8371TS OPENV	EUR	12,5150	12,5150	12,5150			12,5150					
Certificate	NL0012894497	NASDQ 8374TS OPENH	EUR	14,0500	14,0500	14,0500			14,0500					
Certificate	NL0012892830	NASDQ 8378TRSOPENH	EUR	12,5900	12,5900	12,5900			12,5900					
Certificate	NL0012893895	NASDQ 8393TS OPENH	EUR	14,2200	14,2200	14,2200			14,2200					
Certificate	DE000CP061Q8	NASDQ 8400TS OPENC	EUR	12,6700	12,6700	12,6700			12,6700					
Certificate	DE000CP063G5	NASDQ 8400TS OPENC	EUR	13,7300	13,7300	13,7300			13,7300					
Certificate	DE000CV4ZQ53	NASDQ 8401TS OPENZ	EUR	12,4700	13,8950	12,4700	190,0500	1	13,8950	15				
Certificate	NL0012894489	NASDQ 8414TS OPENH	EUR	14,4000	14,4000	14,4000			14,4000					
Certificate	DE000VA6D4A3	NASDQ 8421TS OPENV	EUR	12,9550	12,9550	12,9550			12,9550					
Certificate	DE000CV8B5F5	NASDQ 8427TS OPENZ	EUR	11,6400	13,0500	11,6400			13,0500					
Certificate	NL0012892822	NASDQ 8428TRSOPENH	EUR	13,0400	13,0400	13,0400			13,0400					
Certificate	NL0012892814	NASDQ 8478TRSOPENH	EUR	13,4700	13,4700	13,4700			13,4700					
Certificate	NL0012893887	NASDQ 8493TS OPENH	EUR	15,1200	15,1200	15,1200			15,1200					
Certificate	DE000CQ5BNR1	NASDQ 8500TS OPENC	EUR	13,3400	13,3400	13,3400			13,3400					
Certificate	DE000CQ5BAZ1	NASDQ 8500TS OPENC	EUR	14,2700	14,2700	14,2700			14,2700					
Certificate	NL0013003908	NASDQ 8510TS OPENB	EUR	14,5150	14,5150	14,5150			14,5150					
Certificate	NL0012892806	NASDQ 8528TRSOPENH	EUR	13,9200	13,9200	13,9200			13,9200					
Certificate	NL0012892798	NASDQ 8578TRSOPENH	EUR	14,3500	14,3500	14,3500			14,3500					
Certificate	NL0012893879	NASDQ 8593TS OPENH	EUR	16,0000	16,0000	16,0000			16,0000					
Certificate	DE000CV8BAV7	NASDQ 8627TS OPENZ	EUR	13,3800	14,8100	13,3800			14,8100					



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	NL0012892780	NASDQ 8628TRSOPENH	EUR	14,8000	14,8000	14,8000			14,8000					
Certificate	DE000CV8B6V0	NASDQ 8648TS OPENZ	EUR	14,6600	16,0900	14,6600			16,0900					
Certificate	NL0012892772	NASDQ 8677TRSOPENH	EUR	15,2300	15,2300	15,2300			15,2300					
Certificate	NL0012893861	NASDQ 8693TS OPENH	EUR	16,9100	16,9100	16,9100			16,9100					
Certificate	NL0013003916	NASDQ 8710TS OPENB	EUR	16,2750	16,2750	16,2750			16,2750					
Certificate	DE000CV8BAW5	NASDQ 8727TS OPENZ	EUR	14,2600	15,6900	14,2600			15,6900					
Certificate	NL0012895635	NASDQ 8731TRSOPENH	EUR	15,7100	15,7100	15,7100			15,7100					
Certificate	NL0012893853	NASDQ 8793TS OPENH	EUR	17,8000	17,8000	17,8000			17,8000					
Certificate	DE000CV8BAX3	NASDQ 8827TS OPENZ	EUR	15,1400	16,5700	15,1400			16,5700					
Certificate	NL0012895627	NASDQ 8831TRSOPENH	EUR	16,5700	16,5700	16,5700			16,5700					
Certificate	DE000CV87KA3	NASDQ 8899TS OPENZ	EUR	16,9050	18,3450	16,9050			18,3450					
Certificate	NL0012895619	NASDQ 8931TRSOPENH	EUR	17,4600	17,4600	17,4600			17,4600					
Certificate	DE000CV87QJ1	NASDQ 8936TS OPENZ	EUR	16,0900	17,5200	16,0900			17,5200					
Certificate	DE000CV8ACA9	NASDQ 8950TS 1218Z	EUR	16,1600	17,5800	16,1600			17,5800					
Certificate	NL0012898225	NASDQ 8996TS OPENH	EUR	19,6100	19,6100	19,6100			19,6100					
Certificate	DE000CP061R6	NASDQ 9000TS OPENC	EUR	17,9300	17,9300	17,9300			17,9300					
Certificate	DE000CP063H3	NASDQ 9000TS OPENC	EUR	19,0700	19,0700	19,0700			19,0700					
Certificate	NL0012895601	NASDQ 9031TRSOPENH	EUR	18,3400	18,3400	18,3400			18,3400					
Certificate	NL0012895593	NASDQ 9131TRSOPENH	EUR	19,2200	19,2200	19,2200			19,2200					
Certificate	NL0012898217	NASDQ 9196TS OPENH	EUR	21,4100	21,4100	21,4100			21,4100					
Certificate	NL0012895585	NASDQ 9230TRSOPENH	EUR	20,0800	20,0800	20,0800			20,0800					
Certificate	NL0012905822	NASDQ 9248TS OPENH	EUR	21,8800	21,8800	21,8800			21,8800					
Certificate	NL0012898761	NASDQ 9283TRSOPENH	EUR	20,5400	20,5400	20,5400			20,5400					
Certificate	NL0012905814	NASDQ 9298TS OPENH	EUR	22,3300	22,3300	22,3300			22,3300					
Certificate	NL0012895577	NASDQ 9330TRSOPENH	EUR	20,9700	20,9700	20,9700			20,9700					
Certificate	NL0012905806	NASDQ 9348TS OPENH	EUR	22,7800	22,7800	22,7800			22,7800					
Certificate	NL0012901367	NASDQ 9386TRSOPENH	EUR	21,4600	21,4600	21,4600			21,4600					
Certificate	DE000CV87YE6	NASDQ 9396TS OPENZ	EUR	21,3150	22,7750	21,3150			22,7750					
Certificate	NL0012905798	NASDQ 9398TS OPENH	EUR	23,2300	23,2300	23,2300			23,2300					
Certificate	NL0012895569	NASDQ 9430TRSOPENH	EUR	21,8500	21,8500	21,8500			21,8500					
Certificate	NL0012905780	NASDQ 9448TS OPENH	EUR	23,6800	23,6800	23,6800			23,6800					
Certificate	NL0012905707	NASDQ 9490TRSOPENH	EUR	22,3700	22,3700	22,3700			22,3700					
Certificate	NL0012905772	NASDQ 9498TS OPENH	EUR	24,1300	24,1300	24,1300			24,1300					
Certificate	DE000CV8B6M9	NASDQ 9550TS 1218Z	EUR	21,3900	22,8300	21,3900			22,8300					
Certificate	DE000CV8B482	NASDQ 9739TS OPENZ	EUR	23,1200	24,5800	23,1200			24,5800					
Certificate	DE000CV8AQW3	NASDQ 9886TS OPENZ	EUR	25,6800	27,1400	25,6800			27,1400					
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	31,2150	31,2150	31,2150			31,2150					
Certificate	DE000VN61Y22	NDX LEVOPENV	EUR	17,4000	17,4000	12,9500	12783,8600	11		877				
Certificate	DE000VN61Y30	NDX LEVOPENV	EUR	2,2400	2,2450	1,4800	28149,3500	15	1,5050	14103				
Certificate	DE000VA23401	NDX SHROPENV	EUR	4,5400	4,5400	4,5400			4,5400					
Certificate	DE000VN61Y55	NDX SHROPENV	EUR	0,0150	0,0150	0,0150			0,0150					
Certificate	DE000VA23419	NDX SHROPENV	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	DE000VN61Y63	NDX SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VL51274	NDX SHROPENV	EUR	0,0150	0,0150	0,0150			0,0150					
Certificate	DE000VN61Y48	NDX SHROPENV	EUR	0,1550	0,1550	0,1550			0,1550					
Certificate	NL0010520169	NESTL 58TL OPENB	EUR	26,8650	26,8650	26,8650			26,8650					
Certificate	NL0009071653	NESTL 20.7TL OPENB	EUR	57,2350	57,2350	57,2350			57,2350					
Certificate	NL0009179050	NESTL 29.9TL OPENB	EUR											
Certificate	NL0010044145	NESTL 43.4TL OPENB	EUR	38,7850	38,7850	38,7850			38,7850					
Certificate	NL0010112504	NESTL 46.7TL OPENB	EUR	36,1050	36,1050	36,1050			36,1050					
Certificate	NL0010130415	NESTL 51.8TL OPENB	EUR	31,9450	31,9450	31,9450			31,9450					
Certificate	NL0010894697	NESTL 55.4TL OPENB	EUR	29,0650	29,0650	28,3250			28,3250					
Certificate	NL0011426820	NESTL 64.2TL OPENB	EUR	21,8350	21,8350	21,0750			21,0750					
Certificate	NL0012118814	NESTL 71.1TL OPENB	EUR	16,2750	16,2750	15,5050			15,5050					
Certificate	NL0013014475	NESTL 78.3TL OPENB	EUR	10,3850	10,3850	9,5950			9,5950					
Certificate	NL0012993547	NESTL 84.8TS OPENB	EUR											
Certificate	NL0012993554	NESTL 89.8TS OPENB	EUR	10,7350	11,5750	10,7350			11,5750					
Certificate	NL0013146137	NESTL 94.8TS OPENB	EUR	15,5050	16,3550	15,5050			16,3550					
Certificate	DE000CV89AS2	NESTL47.04TL OPENZ	EUR	32,3500	32,3500	32,3500			32,3500					
Certificate	DE000CR1JPQ9	NESTL57.16TL OPENZ	EUR	2,3450	2,3450	2,3450			2,3450					
Certificate	DE000CR6X5G7	NESTL62.57TL OPENZ	EUR	1,8750	1,8750	1,8750			1,8750					
Certificate	DE000CB9YK73	NESTL67.08TL OPENZ	EUR	1,4850	1,4850	1,4850			1,4850					
Certificate	DE000CV8A849	NESTL77.02TL OPENZ	EUR	6,1700	6,1700	6,1700			6,1700					
Certificate	NL0013125701	NETEA 198TS OPENH	EUR											
Certificate	NL0013129760	NETEA 202TL OPENH	EUR	2,8800	2,8800	2,7800			2,7800					
Certificate	NL0013127525	NETEA 202TS OPENH	EUR											
Certificate	NL0013126501	NETEA 204TS OPENH	EUR											
Certificate	NL0013126493	NETEA 208TS 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	NL0013128499	NETEA 194.TL OPENH	EUR	3,5400	3,5400	3,4400			3,4400					
Certificate	DE000CV8AXU3	NETEA148.3TL OPENZ	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000CV8AT71	NETEA169.5TL OPENZ	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	NL0013124563	NETEA170.2TL OPENH	EUR	5,5000	5,5000	5,4100			5,4100					
Certificate	NL0013125719	NETEA180.2TL OPENH	EUR	4,6800	4,6800	4,5800			4,5800					
Certificate	NL0012907786	NETEA185.8TL OPENH	EUR	4,2100	4,2100	4,1200			4,1200					
Certificate	DE000CJ3NKS4	NETEA190.5TL OPENZ	EUR											
Certificate	NL0013126519	NETEA192.1TL OPENH	EUR	3,6900	3,6900	3,6000			3,6000					
Certificate	DE000CJ3PWK1	NETEA195.2TL OPENZ	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	NL0013086234	NETEA217.9TS OPENH	EUR											
Certificate	NL0013086226	NETEA223.9TS OPENH	EUR											
Certificate	NL0012907737	NETEA229.8TS OPENH	EUR	1,9200	2,0000	1,9200			2,0000					
Certificate	NL0012907729	NETEA237.8TS OPENH	EUR	2,6700	2,7500	2,6700			2,7500					
Certificate	NL0012907711	NETEA243.7TS OPENH	EUR	3,2200	3,3100	3,2200			3,3100					
Certificate	NL0012907950	NETEA254.8TS OPENH	EUR	4,2500	4,3400	4,2500			4,3400					
Certificate	NL0012907703	NETEA269.7TS OPENH	EUR	5,6400	5,7400	5,6400			5,7400					
Certificate	DE000CN6KTU4	NEWMG 28TL OPENZ	EUR	2,4000	2,4000	2,3100			2,3100					
Certificate	DE000CN6HEM9	NEWMG15.22TL OPENZ	EUR	7,7300	7,7300	7,6600			7,6600					
Certificate	DE000CN6GBE4	NEWMG17.09TL OPENZ	EUR	6,9500	6,9500	6,8800			6,8800					
Certificate	DE000CN6J0J9	NEWMG18.73TL OPENZ	EUR	6,2700	6,2700	6,1900			6,1900					
Certificate	DE000CN6JAR2	NEWMG22.56TL OPENZ	EUR	4,6700	4,6700	4,5800			4,5800					
Certificate	DE000VL23R46	NG1 SHROPE NV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VA23435	NG1 SHROPE NV	EUR	0,2650	0,2650	0,2650			0,2650					
Certificate	DE000VL23R20	NG1 3 LEVOPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VL23R38	NG1 3 LEVOPENV	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	NL0012507388	NGAS 2.08TL OPENB	EUR	2,4950	2,4950	2,4950			2,4950					
Certificate	NL0012695969	NGAS 2.33TL OPENB	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	NL0012676597	NGAS 2.58TL OPENB	EUR	1,7050	1,7050	1,7050			1,7050					
Certificate	NL0012680318	NGAS 3.56TS OPENB	EUR	1,3550	1,3550	1,3550			1,3550					
Certificate	DE000CV4ZSN4	NGAS 2.122TL OPENZ	EUR	1,0850	1,1250	1,0850			1,1250					
Certificate	DE000CE6BRE2	NGAS 2.452TL OPENZ	EUR	0,8100	0,8450	0,8100			0,8450					
Certificate	DE000CE6DG06	NGAS 3.534TS OPENZ	EUR	0,4200	0,4200	0,4000			0,4000					
Certificate	DE000CE6CBG9	NGAS 3.904TS OPENZ	EUR	0,7800	0,7800	0,7450			0,7450					
Certificate	DE000CV4ZQA5	NGRID5.588TL OPENZ	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CR1JPX5	NGRID6.803TL OPENZ	EUR	0,9300	0,9300	0,8500			0,8500					
Certificate	DE000CV88616	NIBC 6.1TL OPENZ	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	DE000CV88608	NIBC 5.46TL OPENZ	EUR	3,1150	3,1150	3,1150			3,1150					
Certificate	DE000CV88624	NIBC 6.85TL OPENZ	EUR	1,8300	1,8300	1,8150	1178,5200	4	1,8150	644				
Certificate	DE000CV88632	NIBC 7.38TL OPENZ	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000CX595G6	NIKE 50TL OPENC	EUR											
Certificate	DE000CR6YBE3	NIKE 46.28TL OPENZ	EUR	5,5200	5,5200	5,2800			5,2800					
Certificate	NL0011900832	NIKE 48.52TL OPENB	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	DE000CR6YBFO	NIKE 50.07TL OPENZ	EUR	4,8600	4,8600	4,6100			4,6100					
Certificate	NL0006467656	NIKEI 4840TL OPENB	EUR	133,5200	133,5200	133,5200			133,5200					
Certificate	NL0009067875	NIKEI 6030TL OPENB	EUR	125,3400	125,3400	125,3400			125,3400					
Certificate	DE000CM3ZVH3	NIKEI 6440TL OPENZ	EUR	1,2350	1,2350	1,2150			1,2150					
Certificate	NL0009071216	NIKEI 6730TL OPENB	EUR	120,1200	120,1200	120,1200			120,1200					
Certificate	NL0009702828	NIKEI 7240TL OPENB	EUR	116,3100	116,3100	116,3100			116,3100					
Certificate	DE000CM74HE8	NIKEI 8590TL OPENZ	EUR	1,0750	1,0750	1,0550			1,0550					
Certificate	NL0010376992	NIKEI11120TL OPENB	EUR	87,3000	87,3000	87,3000			87,3000					
Certificate	NL0010376976	NIKEI11680TL OPENB	EUR	83,1300	83,1300	83,1300			83,1300					
Certificate	DE000CZ2GBV3	NIKEI12151TL OPENZ	EUR	7,8700	7,8700	7,6400			7,6400					
Certificate	NL0010898698	NIKEI12660TL OPENB	EUR	75,8650	75,8650	75,8650			75,8650					
Certificate	DE000CZ2GBW1	NIKEI12726TL OPENZ	EUR	7,4300	7,4300	7,2000			7,2000					
Certificate	DE000CZ2GBX9	NIKEI13301TL OPENZ	EUR	6,9800	6,9800	6,7500			6,7500					
Certificate	DE000CF3A3L7	NIKEI13319TL OPENC	EUR	6,6900	6,6900	6,6900			6,6900					
Certificate	DE000CZ2GBY7	NIKEI13876TL OPENZ	EUR	6,5400	6,5400	6,3100			6,3100					
Certificate	DE000CX00922	NIKEI14000TL OPENC	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	DE000CF80D50	NIKEI14038TL OPENC	EUR	6,0700	6,0700	6,0700			6,0700					
Certificate	NL0011805031	NIKEI14400TL OPENB	EUR	62,8550	62,8550	62,8550			62,8550					
Certificate	DE000CX00930	NIKEI14500TL OPENC	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	DE000CX008W7	NIKEI14500TL OPENC	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000CR6XNP6	NIKEI14949TL OPENZ	EUR	5,7150	5,7150	5,4750			5,4750					
Certificate	DE000CR6XNQ4	NIKEI15490TL OPENZ	EUR	5,2950	5,2950	5,0550			5,0550					
Certificate	NL0012262158	NIKEI17400TL OPENB	EUR	42,8200	42,8200	40,4250	8564,0000	1	40,4250	200				
Certificate	NL0012262166	NIKEI17910TL OPENB	EUR	39,0000	39,0000	36,5950	2145,0000	1	36,5950	55				
Certificate	NL0012262174	NIKEI18430TL OPENB	EUR	32,7550	32,7550	32,7550			32,7550					
Certificate	NL0012262182	NIKEI18940TL OPENB	EUR	28,9250	28,9250	28,9250			28,9250					
Certificate	NL0012512461	NIKEI19440TL OPENB	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	NL0012512479	NIKEI19950TL OPENB	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	DE000CY52780	NIKEI20000TL OPENC	EUR	1,4900	1,4900	1,2500	536,0000	2	1,2500	400				
Certificate	NL0012777528	NIKEI20610TL OPENB	EUR	1,8500	1,8600	1,6450	1578,5000	2	1,6450	850				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012700371	NIKE124860TS OPENB	EUR	2,8500	3,0450	2,8500	7187,5000	2	3,0450	2500				
Certificate	DE000CY527C7	NIKE125000TS OPENC	EUR											
Certificate	DE000CQ5A3E7	NIKE126000TS OPENC	EUR	2,1300	2,3400	2,1300	8,5200	1	2,3400	4				
Certificate	DE000VN61247	NIKKE LEVOPENV	EUR	1,5000	1,5000	1,5000								
Certificate	DE000VN61254	NIKKE LEVOPENV	EUR	0,2900	0,3150	0,2900	290,0000	1	0,3150	1000				
Certificate	DE000VN61239	NIKKE LEVOPENV	EUR	8,9600	8,9600	8,9600								
Certificate	DE000VN61288	NIKKE SHROPENV	EUR	0,0055	0,0055	0,0055								
Certificate	DE000VN61262	NIKKE SHROPENV	EUR	0,5150	0,5150	0,5150								
Certificate	DE000VA54505	NIKKE SHROPENV	EUR	4,1200	4,1200	4,1200								
Certificate	DE000VA54513	NIKKE SHROPENV	EUR	3,4700	3,4700	3,4700								
Certificate	DE000VN61270	NIKKE SHROPENV	EUR	0,0450	0,0450	0,0450								
Certificate	NL0000451920	NIKKEI CT OPENN	EUR	17,0600	17,0600	17,0600								
Certificate	DE000CV8A5R1	NINTE25731TL OPENZ	EUR	1,7950	1,7950	1,7950								
Certificate	DE000CV8A5S9	NINTE30014TL OPENZ	EUR	1,1750	1,1750	1,1750								
Certificate	DE000CV8AZS2	NINTE34286TL OPENZ	EUR											
Certificate	DE000CJ3NMU6	NINTE38564TL OPENZ	EUR											
Certificate	DE000CV8B6B2	NINTE38703TL OPENZ	EUR											
Certificate	NL0011232475	NIYZ 12294TRLOPENH	EUR	7,5000	7,5000	7,5000			7,5000					
Certificate	NL0011232467	NIYZ 14514TRLOPENH	EUR	5,7800	5,7800	5,7800								
Certificate	NL0011231865	NIYZ 24870TS OPENH	EUR	3,5100	3,5100	3,5100								
Certificate	NL0011231857	NIYZ 26730TS OPENH	EUR	5,0500	5,0500	5,0500			5,0500					
Certificate	DE000CY51MC5	NKOYJ 4TL OPENC	EUR											
Certificate	DE000CX0KTT7	NKOYJ 4TL OPENC	EUR											
Certificate	DE000CY51FZ0	NKOYJ 4TL OPENC	EUR											
Certificate	DE000CY514V5	NKOYJ 5TL OPENC	EUR											
Certificate	DE000CY517D6	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	DE000CX0KTV3	NKOYJ 6TS OPENC	EUR											
Certificate	DE000CY514X1	NKOYJ 6TS OPENC	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CY517F1	NKOYJ 6TS OPENC	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	NL0012512206	NKOYJ 3.2TL OPENB	EUR	2,2600	2,2600	2,2350	3828,0000	2	2,2350	1700				
Certificate	DE000CY51WJ9	NKOYJ 3.5TL OPENC	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	DE000CY51TQ0	NKOYJ 3.5TL OPENC	EUR	1,6500	1,6500	1,6500			1,6500					
Certificate	NL0012680623	NKOYJ 3.7TL OPENB	EUR											
Certificate	NL0012782783	NKOYJ 4.3TL OPENB	EUR											
Certificate	DE000CY514U7	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CY517C8	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CX0KTU5	NKOYJ 4.5TL OPENC	EUR											
Certificate	DE000CY522S4	NKOYJ 4.5TS OPENC	EUR											
Certificate	DE000CY51V43	NKOYJ 4.6TS OPENC	EUR											
Certificate	DE000CY51WK7	NKOYJ 4.8TS OPENC	EUR											
Certificate	DE000CY517E4	NKOYJ 5.5TS OPENC	EUR											
Certificate	DE000CX0KTW1	NKOYJ 5.5TS OPENC	EUR											
Certificate	DE000CY514W3	NKOYJ 5.5TS OPENC	EUR											
Certificate	NL0012979363	NKOYJ 6.9TS OPENB	EUR											
Certificate	DE000C8ABQ00	NKOYJ 7.3TS OPENC	EUR											
Certificate	DE000CY52A96	NKOYJ 3.75TL OPENC	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CV4ZU59	NKOYJ 4.01TL OPENZ	EUR	1,0950	1,0950	1,0950			1,0950					
Certificate	DE000CY522R6	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY52R63	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY52111	NKOYJ 4.25TL OPENC	EUR											
Certificate	DE000CY52W74	NKOYJ 4.25TL OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CY52AA2	NKOYJ 4.25TS OPENC	EUR											
Certificate	DE000CJ3PQX6	NKOYJ 4.65TL OPENZ	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	DE000CY51AZ1	NKOYJ 4.75TL OPENC	EUR											
Certificate	DE000CY51CT0	NKOYJ 4.75TL OPENC	EUR											
Certificate	DE000CY51B05	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51MD3	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51G00	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CY51CU8	NKOYJ 5.25TS OPENC	EUR											
Certificate	DE000CD63FT2	NKOYJ3.004TL OPENZ	EUR	2,0800	2,0950	2,0800			2,0950					
Certificate	DE000CN6LF81	NKOYJ3.358TL OPENZ	EUR	1,7200	1,7500	1,7200	5250,0000	1	1,7350	3000				
Certificate	DE000CF3ALZ8	NKOYJ3.701TL OPENC	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CD63U29	NKOYJ3.709TL OPENZ	EUR	1,3700	1,3950	1,3700			1,3950					
Certificate	NL0012988869	NKOYJ4.822BL OPENB	EUR											
Certificate	NL0012984298	NKOYJ4.074BL OPENB	EUR											
Certificate	DE000CJ3N8L3	NKOYJ4.305TL OPENZ	EUR	0,8000	0,8050	0,8000	400,0000	1	0,8050	500				
Certificate	NL0012977631	NKOYJ4.326BL OPENB	EUR											
Certificate	NL0013017593	NKOYJ4.576BL 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	NL0012984363	NKOYJ5.032BS OPENB	EUR											
Certificate	DE000CV8ADY7	NKOYJ5.211TS OPENZ	EUR	0,1500	0,1550	0,1500	1500,0000	2	0,1550	10000				
Certificate	NL0012977862	NKOYJ5.527BS OPENB	EUR											
Certificate	DE000CV875N9	NKOYJ5.713TS OPENZ	EUR	0,6450	0,6450	0,6450			0,6450					
Certificate	DE000CV89911	NKOYJ6.209TS OPENZ	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	DE000CY16L49	NNGRP 25TL OPENC	EUR	15,4700	15,4700	15,4700			15,4700					
Certificate	DE000CY51782	NNGRP 28TL OPENC	EUR	11,6900	11,6900	11,6900			11,6900					
Certificate	DE000CY51451	NNGRP 28TL OPENC	EUR	11,2100	11,2100	11,2100			11,2100					
Certificate	DE000CY520Y6	NNGRP 29TL OPENC	EUR	10,2600	10,2600	10,2600			10,2600					
Certificate	DE000CY514T9	NNGRP 30TL OPENC	EUR	9,1900	9,1900	9,1900			9,1900					
Certificate	DE000CY51790	NNGRP 30TL OPENC	EUR	9,7200	9,7200	9,7200			9,7200					
Certificate	DE000CY522P0	NNGRP 31TL OPENC	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	DE000CY520Z3	NNGRP 31TL OPENC	EUR	8,2400	8,2400	8,2400			8,2400					
Certificate	DE000CY517A2	NNGRP 32TL OPENC	EUR	7,7600	7,7600	7,7600			7,7600					
Certificate	DE000CY51AY4	NNGRP 32TL OPENC	EUR	7,1700	7,1700	7,1700			7,1700					
Certificate	NL0012236202	NNGRP 33BON1218Z	EUR	37,7650	37,7650	37,7650			37,7650					
Certificate	DE000CY51CQ6	NNGRP 33TL OPENC	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	DE000CY52103	NNGRP 33TL OPENC	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	DE000CY51H74	NNGRP 34TL OPENC	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	DE000CP06KP3	NNGRP 34TL OPENC	EUR	4,0900	4,0900	4,0900			4,0900					
Certificate	DE000CY51KH8	NNGRP 34TL OPENC	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	DE000CP06ZQ6	NNGRP 35TL OPENC	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000CQ58PR6	NNGRP 35TL OPENC	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	DE000CQ5AHU9	NNGRP 35TL OPENC	EUR											
Certificate	DE000CQ5ATE8	NNGRP 35TL OPENC	EUR											
Certificate	DE000CP06OT4	NNGRP 35TL OPENC	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	DE000CQ5AQ36	NNGRP 36TL OPENC	EUR											
Certificate	DE000CP06KV1	NNGRP 36TL OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0012648430	NNGRP 40BOC0619Z	EUR	38,7050	38,7050	38,7050			38,7050					
Certificate	DE000CP06U74	NNGRP 40TS OPENC	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	NL0012649107	NNGRP 42BOC0619Z	EUR	40,4450	40,4450	40,4450			40,4450					
Certificate	DE000CY52C03	NNGRP 43TS OPENC	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	DE000CY52R55	NNGRP 44TS OPENC	EUR	4,6700	4,6700	4,6700			4,6700					
Certificate	DE000CQ5B3N7	NNGRP 44TS OPENC	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	DE000CP064Z3	NNGRP 45TS OPENC	EUR	8,8000	8,8000	8,8000			8,8000					
Certificate	DE000CQ5ATF5	NNGRP 45TS OPENC	EUR	6,7900	6,7900	6,7900			6,7900					
Certificate	DE000CQ5AX52	NNGRP 46TS OPENC	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	DE000CD625G5	NNGRP 21.3TL OPENZ	EUR	3,3250	3,3250	3,2900			3,2900					
Certificate	NL0011919253	NNGRP 23.1TL OPENB	EUR	16,4750	16,4750	16,1450			16,1450					
Certificate	DE000CD62557	NNGRP 24.3TL OPENZ	EUR	2,7250	2,7250	2,6900			2,6900					
Certificate	DE000CY16HR6	NNGRP 27.5TL OPENC	EUR	12,9100	12,9100	12,9100			12,9100					
Certificate	NL0012276000	NNGRP 29.2TL OPENB	EUR	10,7950	10,7950	10,4650			10,4650					
Certificate	NL0012236293	NNGRP 38.5BOC1218Z	EUR	38,3900	38,3900	38,3900			38,3900					
Certificate	NL0012780142	NNGRP 40.1BS OPENB	EUR	2,4150	2,7150	2,3500	2350,0000	1	2,7150	1000				
Certificate	NL0012795751	NNGRP 40.5BOC0919Z	EUR	37,3000	37,3000	37,3000			37,3000					
Certificate	NL0012649099	NNGRP 40.5BOC1218Z	EUR	40,2400	40,2400	40,2400			40,2400					
Certificate	NL0011228390	NNGRP13.62TL OPENH	EUR	2,5600	2,5600	2,5200			2,5200					
Certificate	NL0011228382	NNGRP15.74TL OPENH	EUR	2,3700	2,3700	2,3300			2,3300					
Certificate	NL0011904743	NNGRP16.84TL OPENB	EUR	22,3050	22,3050	21,9750			21,9750					
Certificate	NL0011228374	NNGRP17.87TL OPENH	EUR	2,1700	2,1700	2,1400			2,1400					
Certificate	NL0011086939	NNGRP17.89TL OPENB	EUR	21,3250	21,3250	20,9950			20,9950					
Certificate	NL0011228366	NNGRP18.92TL OPENH	EUR	2,0800	2,0800	2,0400			2,0400					
Certificate	NL0011086947	NNGRP18.98TL OPENB	EUR	20,3150	20,3150	19,9850			19,9850					
Certificate	NL0011926969	NNGRP19.73TL OPENH	EUR	2,0000	2,0000	1,9700			1,9700					
Certificate	DE000CR4HHV4	NNGRP19.76TL OPENZ	EUR	3,6350	3,6350	3,6000			3,6000					
Certificate	NL0011907548	NNGRP20.36BL OPENB	EUR	17,8050	17,8050	17,4750			17,4750					
Certificate	NL0011934807	NNGRP20.73TL OPENH	EUR	1,9100	1,9100	1,8800			1,8800					
Certificate	NL0011971262	NNGRP22.24TL OPENH	EUR	1,7800	1,7800	1,7400			1,7400					
Certificate	NL0011918453	NNGRP22.48BL OPENB	EUR	15,7350	15,7350	15,4050			15,4050					
Certificate	NL0011971254	NNGRP22.77TL OPENH	EUR	1,7300	1,7300	1,6900			1,6900					
Certificate	DE000CD62QM6	NNGRP22.81TL OPENZ	EUR	3,0250	3,0250	2,9900			2,9900					
Certificate	NL0011971783	NNGRP23.28TL OPENH	EUR	1,6800	1,6800	1,6500			1,6500					
Certificate	NL0012030563	NNGRP24.11TL OPENB	EUR	15,5350	15,5350	15,2050			15,2050					
Certificate	NL0011994132	NNGRP24.31TL OPENH	EUR	1,5900	1,5900	1,5500			1,5500					
Certificate	NL0012029698	NNGRP24.59BL OPENB	EUR	13,6250	13,6250	13,2950			13,2950					
Certificate	NL0011994124	NNGRP24.81TL OPENH	EUR	1,5400	1,5400	1,5100			1,5100					
Certificate	NL0012030571	NNGRP25.13TL OPENB	EUR	14,5950	14,5950	14,2650			14,2650					
Certificate	NL0011994116	NNGRP25.34TL OPENH	EUR	1,4900	1,4900	1,4600			1,4600					
Certificate	NL0012033633	NNGRP25.64BL OPENB	EUR	12,5650	12,5650	12,2350			12,2350					
Certificate	NL0011994108	NNGRP25.85TL OPENH	EUR	1,4500	1,4500	1,4100			1,4100					
Certificate	NL0012259634	NNGRP26.15TL OPENB	EUR	13,6350	13,6350	13,3050			13,3050					
Certificate	DE000CD63PY1	NNGRP26.28TL OPENZ	EUR	2,3350	2,3350	2,2900			2,2900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012258958	NNGRP26.68BL OPENB	EUR	11,5250	11,5250	11,1950			11,1950					
Certificate	NL0012259642	NNGRP27.18TL OPENB	EUR	12,6750	12,6750	12,3450			12,3450					
Certificate	NL0012330658	NNGRP27.86TL OPENH	EUR	1,2600	1,2600	1,2300			1,2300					
Certificate	DE000CE6CHX1	NNGRP28.29TL OPENZ	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	NL0012275135	NNGRP28.75BL OPENB	EUR	9,4650	9,4650	9,1350			9,1350					
Certificate	NL0012365423	NNGRP29.92TL OPENH	EUR	1,0800	1,0800	1,0400			1,0400					
Certificate	DE000CE6DTT2	NNGRP30.26TL OPENZ	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	NL0012276653	NNGRP30.82BL OPENB	EUR	7,3950	7,3950	7,0650			7,0650					
Certificate	NL0012438295	NNGRP30.94TL OPENH	EUR	0,9800	0,9800	0,9500			0,9500					
Certificate	NL0012277685	NNGRP31.23TL OPENB	EUR	8,9050	8,9050	8,5750			8,5750					
Certificate	NL0012494249	NNGRP31.84BL OPENB	EUR	6,3650	6,3650	6,0350			6,0350					
Certificate	NL0012517734	NNGRP31.96TL OPENH	EUR	0,8900	0,8900	0,8600			0,8600					
Certificate	DE000CE6E275	NNGRP32.25TL OPENZ	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	NL0012497168	NNGRP32.87BL OPENB	EUR	5,3350	5,3350	5,0050			5,0050					
Certificate	NL0012522403	NNGRP32.94TL OPENH	EUR	0,8000	0,8100	0,7700	70,4700	1	0,7700	87				
Certificate	NL0012689327	NNGRP33.27TL OPENB	EUR	7,0150	7,0150	6,6850			6,6850					
Certificate	LU1612062452	NNGRP33.66TCIOPEMS	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	NL0012979694	NNGRP33.98BL OPENB	EUR	4,2350	4,2350	3,9050			3,9050					
Certificate	DE000CV89XX4	NNGRP34.23TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	LU1650877472	NNGRP34.33TCIOPEMS	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	NL0012929111	NNGRP34.61TL OPENH	EUR	0,6500	0,6500	0,6200			0,6200					
Certificate	NL0012981310	NNGRP34.98BL OPENB	EUR	3,2250	3,2250	2,8950			2,8950					
Certificate	LU1790500489	NNGRP35.16TCIOPEMS	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0012982409	NNGRP35.37TL OPENB	EUR	5,0450	5,0450	4,7150			4,7150					
Certificate	NL0012991038	NNGRP35.99BL OPENB	EUR	2,2250	2,2250	1,8950			1,8950					
Certificate	LU1817218123	NNGRP36.14TCIOPEMS	EUR	1,7800	1,7800	1,7800			1,7800					
Certificate	LU1790692021	NNGRP36.15TCIOPEMS	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CJ3NJV0	NNGRP36.23TL OPENZ	EUR	0,4000	0,4000	0,3200	800,0000	1	0,3200	2000				
Certificate	NL0012889976	NNGRP36.35TL OPENH	EUR	0,4900	0,4900	0,4600			0,4600					
Certificate	NL0013146491	NNGRP36.98BL OPENB	EUR	1,2250	1,2250	0,8950			0,8950					
Certificate	NL0013145964	NNGRP37.37TL OPENB	EUR											
Certificate	NL0013015035	NNGRP38.11BS OPENB	EUR											
Certificate	NL0013127517	NNGRP38.81TS OPENH	EUR	0,5200	0,5500	0,5200			0,5500					
Certificate	LU1859830991	NNGRP38.94TCIOPEMS	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	DE000CE6F5G7	NNGRP40.54TS OPENZ	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	NL0012692784	NNGRP40.67TS OPENB	EUR	6,0050	6,3050	6,0050			6,3050					
Certificate	NL0012900799	NNGRP40.74TS OPENH	EUR	0,7400	0,7700	0,7400			0,7700					
Certificate	NL0012369847	NNGRP40.96TS OPENH	EUR	0,7600	0,7900	0,7600			0,7900					
Certificate	LU1840349051	NNGRP40.97TCIOPEMS	EUR	3,5800	3,5800	3,5800			3,5800					
Certificate	NL0012374235	NNGRP41.02TS OPENH	EUR	0,7700	0,8000	0,7700			0,8000					
Certificate	NL0012849442	NNGRP41.13TS OPENH	EUR	0,7800	0,8100	0,7800			0,8100					
Certificate	NL0012610216	NNGRP41.15TS OPENH	EUR	0,7800	0,8100	0,7800			0,8100					
Certificate	LU1859714732	NNGRP41.54TCIOPEMS	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	NL0012783062	NNGRP42.06BS OPENB	EUR	4,3850	4,6850	4,3850			4,6850					
Certificate	NL0012786115	NNGRP43.67TS OPENB	EUR	9,2550	9,5550	9,2550			9,5550					
Certificate	NL0013000508	NNGRP44.06BS OPENB	EUR	6,3850	6,6850	6,3850			6,6850					
Certificate	NL0012615629	NNGRP44.08TS OPENH	EUR	1,1100	1,1400	1,1100			1,1400					
Certificate	NL0012606735	NNGRP44.09TS OPENH	EUR	1,1100	1,1400	1,1100			1,1400					
Certificate	NL0012545677	NNGRP45.41TS OPENH	EUR	1,2500	1,2900	1,2500			1,2900					
Certificate	DE000CV88AM7	NNGRP45.53TS OPENZ	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CJ3NSC1	NNGRP50.03TS OPENZ	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	DE000CXOKL82	NOKIA 5TL OPENC	EUR											
Certificate	NL0010131355	NOKIA 0.7TL OPENB	EUR											
Certificate	NL0010252060	NOKIA 1.1TL OPENB	EUR	4,1350	4,1350	4,1350			4,1350					
Certificate	DE000CF3AP16	NOKIA4.391TL OPENC	EUR											
Certificate	DE000CN6JYB6	NORSK31.49TL OPENZ	EUR	1,4450	1,4600	1,4450			1,4600					
Certificate	DE000CD63RE9	NORSK37.72TL OPENZ	EUR	0,7950	0,8600	0,7950	1720,0000	1	0,8100	2000				
Certificate	DE000CV8ASE9	NOVAR 77.TL OPENZ	EUR	1,8100	1,9800	1,8100	6537,7500	2	1,8900	3450				
Certificate	DE000CV8A5F6	NOVAR102.8TS OPENZ	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000CJ3PP05	NOVAR112.8TS OPENZ	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CD63HV4	NOVAR53.05TL OPENZ	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	DE000CN6J869	NOVAR59.07TL OPENZ	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	DE000CN6GLB9	NOVAR65.16TL OPENZ	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	DE000CE6BM83	NOVAR72.05TL OPENZ	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	DE000CJ3PF24	NOVAR82.97TL OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CE6DQ12	NOVAR92.77TS OPENZ	EUR	0,9700	0,9700	0,9700	339,5000	1	0,9700	350				
Certificate	XS1605325999	NOVON STN0827K	EUR											
Certificate	NL0011997770	NOVON 206.TL OPENH	EUR	13,8000	13,8000	13,2000			13,2000					
Certificate	NL0012431605	NOVON 262.TL OPENH	EUR	6,9800	6,9800	6,3800			6,3800					
Certificate	NL0012608582	NOVON 296.TS OPENH	EUR											
Certificate	NL0012598593	NOVON 344.TS OPENH	EUR	12,3900	12,9900	12,3900			12,9900					
Certificate	NL0012094098	NOVON150.3TL OPENH	EUR	20,5800	20,5800	19,9800			19,9800					



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	NL0011989132	NOVON171.5TL OPENH	EUR	18,0000	18,0000	17,4000			17,4000					
Certificate	NL0011997358	NOVON190.5TL OPENH	EUR	15,6800	15,6800	15,0800			15,0800					
Certificate	NL0011997341	NOVON200.8TL OPENH	EUR	14,4200	14,4200	13,8300			13,8300					
Certificate	DE000CE6CBD6	NOVON204.4TL OPENZ	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	NL0011997929	NOVON211.1TL OPENH	EUR	13,1700	13,1700	12,5800			12,5800					
Certificate	NL0011998018	NOVON216.3TL OPENH	EUR	12,5500	12,5500	11,9500			11,9500					
Certificate	NL0012201354	NOVON221.3TL OPENH	EUR	11,9300	11,9300	11,3400			11,3400					
Certificate	DE000CE6CBV8	NOVON226.4TL OPENZ	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	NL0012208847	NOVON231.4TL OPENH	EUR	10,7000	10,7000	10,1000			10,1000					
Certificate	NL0012210678	NOVON241.6TL OPENH	EUR	9,4600	9,4600	8,8600			8,8600					
Certificate	DE000CE6CMD3	NOVON250.1TL OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	NL0012240204	NOVON251.6TL OPENH	EUR	8,2400	8,2400	7,6400			7,6400					
Certificate	NL0012431613	NOVON256.9TL OPENH	EUR	7,6000	7,6000	7,0000			7,0000					
Certificate	NL0013085152	NOVON285.1TS OPENH	EUR											
Certificate	NL0013129752	NOVON286.3TL OPENH	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0012907943	NOVON295.1TS OPENH	EUR											
Certificate	NL0012901151	NOVON312.5TS OPENH	EUR	7,7000	8,2900	7,7000			8,2900					
Certificate	NL0012934236	NOVON320.8TS OPENH	EUR	8,9300	9,5200	8,9300			9,5200					
Certificate	NL0012562151	NOVON327.6TS OPENH	EUR	9,9400	10,5300	9,9400			10,5300					
Certificate	NL0012931257	NOVON335.5TS OPENH	EUR	11,1200	11,7100	11,1200			11,7100					
Certificate	NL0012583637	NOVON343.3TS OPENH	EUR	12,2800	12,8700	12,2800			12,8700					
Certificate	NL0012601868	NOVON343.4TS OPENH	EUR	12,3000	12,8900	12,3000			12,8900					
Certificate	NL0012846687	NOVON344.2TS OPENH	EUR	12,4100	13,0000	12,4100			13,0000					
Certificate	NL0011933973	NOVON344.6TS OPENH	EUR	12,4700	13,0700	12,4700			13,0700					
Certificate	NL0012545685	NOVON354.9TS OPENH	EUR	14,0200	14,6100	14,0200			14,6100					
Certificate	NL0011407184	NOVON358.6TS OPENH	EUR	14,5700	15,1600	14,5700			15,1600					
Certificate	NL0012556153	NOVON376.3TS OPENH	EUR	17,2000	17,7900	17,2000			17,7900					
Certificate	NL0012583629	NOVON377.7TS OPENH	EUR	17,4000	18,0000	17,4000			18,0000					
Certificate	NL0012536718	NOVON383.6TS OPENH	EUR	18,2900	18,8800	18,2900			18,8800					
Certificate	NL0012523922	NOVON384.3TS OPENH	EUR	18,3800	18,9800	18,3800			18,9800					
Certificate	NL0012556146	NOVON405.7TS OPENH	EUR	21,5800	22,1700	21,5800			22,1700					
Certificate	NL0012583611	NOVON407.2TS OPENH	EUR	21,8000	22,3900	21,8000			22,3900					
Certificate	NL0012556138	NOVON425.4TS OPENH	EUR	24,5000	25,1000	24,5000			25,1000					
Certificate	DE000CE6CQR4	NSTec20.29TL OPENZ	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CE6CQO6	NSTec22.81TL OPENZ	EUR	1,7400	1,7400	1,7400			1,7400					
Certificate	DE000CE6CNU5	NSTec25.31TL OPENZ	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CE6CNT7	NSTec27.89TL OPENZ	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CV421C7	NSTec30.56TL OPENZ	EUR	6,7750	6,7750	6,7750			6,7750					
Certificate	DE000CV8B2W7	NSTec32.71TL OPENZ	EUR	4,7850	4,7850	4,7850			4,7850					
Certificate	NL0010443446	NTFLX 39TL OPENB	EUR	172,3700	172,3700	172,3700			172,3700					
Certificate	NL0010516274	NTFLX 45TL OPENB	EUR	169,0500	169,0500	169,0500			169,0500					
Certificate	DE000CV50RN3	NTFLX 160TL OPENC	EUR	12,6200	12,6200	12,6200			12,6200					
Certificate	DE000CV51DM3	NTFLX 170TL OPENC	EUR	11,9500	11,9500	11,8000	1195,0000	1	11,8000	100				
Certificate	DE000CV52AQ8	NTFLX 180TL OPENC	EUR	10,8500	11,0600	10,8500	5425,0000	1	11,0600	500				
Certificate	DE000CV52PG7	NTFLX 200TL OPENC	EUR	9,7700	9,7700	9,3400	1944,2300	1	9,3400	199				
Certificate	DE000CV52PB8	NTFLX 220TL OPENC	EUR	9,9500	9,9500	9,9500			9,9500					
Certificate	DE000CV52Z97	NTFLX 220TL OPENC	EUR	8,4100	8,4100	8,4100			8,4100					
Certificate	DE000CV52PH5	NTFLX 225TL OPENC	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	DE000CV52PC6	NTFLX 235TL OPENC	EUR	8,7400	8,7400	8,7400			8,7400					
Certificate	DE000CQ5A9F1	NTFLX 240TL OPENC	EUR	7,4700	7,4700	7,4700			7,4700					
Certificate	DE000CQ5A6F7	NTFLX 240TL OPENC	EUR	5,7600	5,7900	5,7600	2880,0000	1	5,7900	500				
Certificate	DE000CQ5A1Z6	NTFLX 250TL OPENC	EUR	5,3400	5,3400	4,8100	2002,5000	1	4,8100	375				
Certificate	DE000CQ5A9G9	NTFLX 260TL OPENC	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	DE000VASRH16	NTFLX 260TL OPENV	EUR	5,8900	5,8900	5,7050	235,6000	1	5,7050	40				
Certificate	DE000VASRHC6	NTFLX 265TL OPENV	EUR	5,2750	5,2750	5,2750			5,2750					
Certificate	DE000CV8AEB3	NTFLX 270TL 1218Z	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	DE000CQ5AJB5	NTFLX 270TL OPENC	EUR											
Certificate	DE000CQ5ALK2	NTFLX 270TL OPENC	EUR											
Certificate	DE000VASRG33	NTFLX 270TL OPENV	EUR											
Certificate	DE000VA4YYH9	NTFLX 275TL OPENV	EUR											
Certificate	DE000VA4YYB2	NTFLX 275TL OPENV	EUR											
Certificate	DE000CQ5ALL0	NTFLX 280TL OPENC	EUR											
Certificate	DE000CQ5AJC3	NTFLX 280TL OPENC	EUR											
Certificate	DE000VA4YYD8	NTFLX 280TL OPENV	EUR											
Certificate	DE000VA4YYK3	NTFLX 280TL OPENV	EUR											
Certificate	DE000VA4YYL1	NTFLX 285TL OPENV	EUR											
Certificate	DE000VA4YYF3	NTFLX 285TL OPENV	EUR											
Certificate	DE000CQ5AQ77	NTFLX 290TL OPENC	EUR											
Certificate	DE000VA4YXU4	NTFLX 290TL OPENV	EUR											
Certificate	DE000CV8AH83	NTFLX 300TL 1218Z	EUR											
Certificate	DE000CV52ZA9	NTFLX 300TS OPENC	EUR											
Certificate	NL0013145378	NTFLX 303TS 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	DE000CV52B7	NTFLX 320TS OPENC	EUR											
Certificate	DE000VA5RKT4	NTFLX 325TL OPENV	EUR											
Certificate	DE000CQ58LQ7	NTFLX 380TL OPENC	EUR											
Certificate	DE000CQ58JG2	NTFLX 380TL OPENC	EUR											
Certificate	DE000CQ58AS6	NTFLX 400TS OPENC	EUR											
Certificate	DE000CQ58Q76	NTFLX 400TS OPENC	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	DE000CP6362	NTFLX 400TS OPENC	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	DE000CQ581P6	NTFLX 400TS OPENC	EUR											
Certificate	DE000CQ58ET6	NTFLX 410TS OPENC	EUR											
Certificate	DE000CQ58JH0	NTFLX 420TS OPENC	EUR											
Certificate	DE000CP6370	NTFLX 420TS OPENC	EUR	12,1600	12,1600	12,1600			12,1600					
Certificate	DE000CQ58Q84	NTFLX 420TS OPENC	EUR	9,2100	9,2100	9,2100			9,2100					
Certificate	NL0012971949	NTFLX 427TS OPENB	EUR	15,2750	15,2750	15,2750			15,2750					
Certificate	DE000VA4YWC4	NTFLX 427TS OPENV	EUR	9,8950	9,8950	9,8950			9,8950					
Certificate	DE000VA4YWE0	NTFLX 427TS OPENV	EUR	11,8150	11,8150	11,8150			11,8150					
Certificate	DE000VA4YWD2	NTFLX 432TS OPENV	EUR	10,3350	10,3350	10,3350			10,3350					
Certificate	DE000VAGD3I6	NTFLX 442TS OPENV	EUR	11,2650	11,2650	11,2650			11,2650					
Certificate	DE000VAGD336	NTFLX 447TS OPENV	EUR	11,7050	11,7050	11,7050			11,7050					
Certificate	DE000CQ58LS3	NTFLX 450TS OPENC	EUR	11,7800	11,7800	11,7800			11,7800					
Certificate	DE000CQ58J16	NTFLX 450TS OPENC	EUR	14,8300	14,8300	14,8300			14,8300					
Certificate	DE000VA640J8	NTFLX 467TS OPENV	EUR	13,5050	13,5050	13,5050			13,5050					
Certificate	DE000CQ58NK6	NTFLX 480TS OPENC	EUR	14,4300	14,4300	14,4300			14,4300					
Certificate	DE000VA5EN70	NTFLX 392.TS OPENV	EUR	8,6150	8,6150	8,6150			8,6150					
Certificate	DE000VA5EN88	NTFLX 397.TS OPENV	EUR	9,0750	9,0750	9,0750			9,0750					
Certificate	DE000VA5EN96	NTFLX 402.TS OPENV	EUR	9,5350	9,5350	9,5350			9,5350					
Certificate	DE000VA5EPA1	NTFLX 407.TS OPENV	EUR	9,9950	9,9950	9,9950			9,9950					
Certificate	DE000VA5RPJ4	NTFLX 412.TS OPENV	EUR	10,4850	10,4850	10,4850			10,4850					
Certificate	DE000VA5RPL0	NTFLX 417.TS OPENV	EUR	10,9450	10,9450	10,9450			10,9450					
Certificate	DE000VA5RQV7	NTFLX 432.TS OPENV	EUR	12,3350	12,3350	12,3350			12,3350					
Certificate	NL0010913513	NTFLX 47.9TL OPENB	EUR	167,0100	167,0100	167,0100			167,0100					
Certificate	NL0011092440	NTFLX 81.8TL OPENB	EUR	148,4300	148,4300	148,4300			148,4300					
Certificate	NL0011247630	NTFLX 85.8TL OPENB	EUR	146,2400	146,2400	146,2400			146,2400					
Certificate	NL0011915574	NTFLX101.8BL OPENB	EUR	18,7400	18,7400	18,7400			18,7400					
Certificate	NL0012020796	NTFLX104.1TL OPENB	EUR	19,4500	19,4500	19,4500			19,4500					
Certificate	NL0011741186	NTFLX154.9TS OPENH	EUR											
Certificate	DE000CJ3PSW4	NTFLX179.6TL OPENZ	EUR	5,9300	5,9300	5,9300			5,9300					
Certificate	DE000CV8AHQ4	NTFLX214.7TL OPENZ	EUR	4,3950	4,3950	4,3950			4,3950					
Certificate	DE000VA80F19	NTFLX233.4TL OPENV	EUR											
Certificate	DE000CJ3PSX2	NTFLX235.5TL OPENZ	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	DE000VA80G59	NTFLX236.7TL OPENV	EUR											
Certificate	DE000VA8FZ07	NTFLX243.8TL OPENV	EUR	6,3050	6,3050	6,3050			6,3050					
Certificate	DE000VA8F584	NTFLX247.6TL OPENV	EUR	6,9750	6,9750	6,9750			6,9750					
Certificate	DE000CJ3PSY0	NTFLX250.5TL OPENZ	EUR	2,8350	2,8350	2,8350			2,8350					
Certificate	DE000VA5RH24	NTFLX260.6TL OPENV	EUR	4,5950	4,5950	4,5950			4,5950					
Certificate	DE000CV89X73	NTFLX265.5TL OPENZ	EUR	2,3700	2,3700	2,1700	90,8000	2	2,1950	40				
Certificate	DE000VA5RG41	NTFLX270.4TL OPENV	EUR											
Certificate	DE000VA80F27	NTFLX273.4TL OPENV	EUR											
Certificate	DE000VA80G75	NTFLX276.7TL OPENV	EUR											
Certificate	DE000VA80F35	NTFLX283.4TL OPENV	EUR											
Certificate	DE000CV8AHR2	NTFLX285.4TL OPENZ	EUR											
Certificate	DE000CJ3PV05	NTFLX285.6TL OPENZ	EUR	1,6200	1,6200	1,3350	81,0000	1	1,3350	50				
Certificate	DE000VA87D22	NTFLX286.7TL OPENV	EUR	3,7150	3,7150	3,7150			3,7150					
Certificate	DE000VA87DT2	NTFLX293.4TL OPENV	EUR	2,1150	2,1150	2,1150			2,1150					
Certificate	DE000VA87D48	NTFLX296.7TL OPENV	EUR	2,9850	2,9850	2,9850			2,9850					
Certificate	DE000VA80F01	NTFLX300.7TS OPENV	EUR											
Certificate	DE000VA80G26	NTFLX301.1TS OPENV	EUR											
Certificate	NL0013018898	NTFLX304.4BS OPENB	EUR											
Certificate	DE000CV89A96	NTFLX304.6TL OPENZ	EUR											
Certificate	DE000VA8F3Z8	NTFLX310.7TS OPENV	EUR											
Certificate	DE000VA8F4C5	NTFLX311.1TS OPENV	EUR											
Certificate	NL0013017312	NTFLX318.3TS OPENB	EUR											
Certificate	NL0013016686	NTFLX319.6BS OPENB	EUR											
Certificate	DE000VA8FZY1	NTFLX320.7TS OPENV	EUR											
Certificate	DE000VA8FOR1	NTFLX321.1TS OPENV	EUR											
Certificate	DE000CJ3PTB6	NTFLX323.6TS OPENZ	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	DE000VA8FZ28	NTFLX330.7TS OPENV	EUR	1,8550	1,8550	1,8550			1,8550					
Certificate	DE000VA8FOT7	NTFLX331.1TS OPENV	EUR	3,2250	3,2250	3,2250			3,2250					
Certificate	NL0013017320	NTFLX334.3TS OPENB	EUR	5,9550	5,9550	5,9550			5,9550					
Certificate	NL0013016694	NTFLX335.6BS OPENB	EUR	1,8700	2,0250	1,1900	8373,3000	15	2,0250	6140				
Certificate	DE000VA8FT05	NTFLX340.7TS OPENV	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	DE000VA8FUE4	NTFLX341.1TS OPENV	EUR	4,0150	4,0150	4,0150			4,0150					
Certificate	DE000VA8FSU4	NTFLX350.7TS OPENV	EUR	3,3250	3,3250	3,3250			3,3250					



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	NL0013014566	NTFLX351.1TS OPENB	EUR	7,6450	7,6450	7,6450			7,6450					
Certificate	DE000VA8FS14	NTFLX351.1TS OPENV	EUR	4,9450	4,9450	4,9450			4,9450					
Certificate	NL0012772867	NTFLX351.5TS OPENB	EUR											
Certificate	NL0013014418	NTFLX352.3BS OPENB	EUR	2,8000	3,4950	2,6500	13187,5000	9	3,4950	4750				
Certificate	NL0012772685	NTFLX353.6BS OPENB	EUR											
Certificate	DE000CJ3PG87	NTFLX358.6TS OPENZ	EUR	1,9950	1,9950	1,9950			1,9950					
Certificate	DE000VA711L3	NTFLX360.7TS OPENV	EUR	4,2050	4,2050	4,2050			4,2050					
Certificate	DE000VA8FR23	NTFLX361.1TS OPENV	EUR	5,8650	5,8650	5,8650			5,8650					
Certificate	NL0013014269	NTFLX368.7TS OPENB	EUR	9,4150	9,4150	9,4150			9,4150					
Certificate	NL0013013873	NTFLX369.9BS OPENB	EUR	5,0450	5,0450	5,0450			5,0450					
Certificate	DE000VA8FRT8	NTFLX370.7TS OPENV	EUR	5,0850	5,0850	5,0850			5,0850					
Certificate	DE000VA710N1	NTFLX371.1TS OPENV	EUR	6,7850	6,7850	6,7850			6,7850					
Certificate	DE000VA8FRU6	NTFLX380.7TS OPENV	EUR	5,9650	5,9650	5,9650			5,9650					
Certificate	DE000VA7PVB9	NTFLX381.1TS OPENV	EUR	7,6950	7,6950	7,6950			7,6950					
Certificate	NL0012982565	NTFLX387.2TS OPENB	EUR	11,2750	11,2750	11,2750			11,2750					
Certificate	NL0012982201	NTFLX388.4BS OPENB	EUR	6,1600	6,6650	6,1600	3080,0000	1	6,6650	500				
Certificate	DE000VA5ENT6	NTFLX391.9TS OPENV	EUR	6,8350	6,8350	6,8350			6,8350					
Certificate	DE000VA5ENV2	NTFLX396.9TS OPENV	EUR	7,2750	7,2750	7,2750			7,2750					
Certificate	DE000CV8A7J4	NTFLX398.5TS OPENZ	EUR	3,7250	3,7250	3,7250			3,7250					
Certificate	DE000VA5ENW0	NTFLX401.9TS OPENV	EUR	7,7050	7,7050	7,7050			7,7050					
Certificate	NL0012982003	NTFLX406.6TS OPENB	EUR	13,2250	13,2250	13,2250			13,2250					
Certificate	DE000VA5ENY6	NTFLX406.9TS OPENV	EUR	8,1450	8,1450	8,1450			8,1450					
Certificate	NL0012980643	NTFLX407.9BS OPENB	EUR	8,3550	8,3550	8,3550			8,3550					
Certificate	DE000VA5EN05	NTFLX411.9TS OPENV	EUR	8,5850	8,5850	8,5850			8,5850					
Certificate	DE000VA5RPC9	NTFLX416.6TS OPENV	EUR	9,0250	9,0250	9,0250			9,0250					
Certificate	NL0012972236	NTFLX428.2BS OPENB	EUR	10,1450	10,1450	10,1450			10,1450					
Certificate	DE000VA5RPD7	NTFLX436.6TS OPENV	EUR	10,7850	10,7850	10,7850			10,7850					
Certificate	DE000CV899C3	NTFLX448.8TS OPENZ	EUR	5,8100	5,9200	5,8100	581,0000	1	5,9200	100				
Certificate	NL0012973838	NTFLX449.7BS OPENB	EUR	12,0250	12,0250	12,0250			12,0250					
Certificate	DE000CV89GT7	NTFLX499.2TS OPENZ	EUR	8,1300	8,1300	8,1300			8,1300					
Certificate	NL0011910500	NTFLX83.79BL OPENB	EUR	20,3300	20,3300	20,3300			20,3300					
Certificate	DE000CR9SF41	NTFLX92.23TL OPENZ	EUR	19,8900	19,8900	19,8900			19,8900					
Certificate	DE000CN6GJ84	NTR 37.46TL OPENZ	EUR	1,2800	1,2800	1,2500			1,2500					
Certificate	DE000CE6DY29	NTR 42.56TL OPENZ	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0012787725	NVDA 339TS OPENB	EUR	143,0650	143,0650	143,0650			143,0650					
Certificate	NL0012018964	NVDA 66.9TL OPENB	EUR	134,4200	134,4200	134,4200			134,4200					
Certificate	NL0012037444	NVDA 89.4TL OPENB	EUR	116,3800	116,3800	116,3800			116,3800					
Certificate	NL0013018906	NVDA 194.8BS OPENB	EUR											
Certificate	NL0013145386	NVDA 196.1TS OPENB	EUR											
Certificate	NL0013018484	NVDA 204.6BS OPENB	EUR											
Certificate	NL0013016702	NVDA 214.8BS OPENB	EUR											
Certificate	NL0013016710	NVDA 225.5BS OPENB	EUR	10,5850	10,5850	10,5850			10,5850					
Certificate	NL0013016108	NVDA 235.4TS OPENB	EUR	41,8650	41,8650	41,8650			41,8650					
Certificate	NL0013014426	NVDA 236.8BS OPENB	EUR	20,4950	20,4950	20,4950			20,4950					
Certificate	NL0013013881	NVDA 248.7BS OPENB	EUR	30,8950	30,8950	30,8950			30,8950					
Certificate	NL0013009020	NVDA 261.1BS OPENB	EUR	41,8150	41,8150	41,8150			41,8150					
Certificate	NL0013007016	NVDA 274.1BS OPENB	EUR	53,2800	53,2800	53,2800			53,2800					
Certificate	NL0013005960	NVDA 282.5TS OPENB	EUR	87,8750	87,8750	87,8750			87,8750					
Certificate	NL0013005218	NVDA 287.9BS OPENB	EUR	65,3150	65,3150	65,3150			65,3150					
Certificate	NL0012992333	NVDA 302.2BS OPENB	EUR	77,9550	77,9550	77,9550			77,9550					
Certificate	NL0013004039	NVDA 317.4BS OPENB	EUR	91,2350	91,2350	91,2350			91,2350					
Certificate	NL0012995237	NVDA 406.6TS OPENB	EUR	209,0850	209,0850	209,0850			209,0850					
Certificate	NL0012016869	NVDA 65.51BL OPENB	EUR	130,7000	130,7000	130,7000			130,7000					
Certificate	NL0012024525	NVDA 68.86BL OPENB	EUR	127,7500	127,7500	127,7500			127,7500					
Certificate	NL0012032270	NVDA 79.93BL OPENB	EUR	118,0300	118,0300	118,0300			118,0300					
Certificate	NL0012032296	NVDA 88.24BL OPENB	EUR	110,7300	110,7300	110,7300			110,7300					
Certificate	NL0013018070	NXPI 59.2TL OPENB	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	NL0013009731	NXPI 64.2TL OPENB	EUR	2,3000	2,3000	2,1850	230,0000	1	2,1850	100				
Certificate	NL0013005457	NXPI 69.2TL OPENB	EUR	1,9000	1,9000	1,7850	190,0000	1	1,7850	100				
Certificate	NL0013017338	NXPI 77.5TS OPENB	EUR											
Certificate	NL0013005622	NXPI 87.5TS OPENB	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	NL0013001977	NXPI 97.5TS OPENB	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	NL0013001985	NXPI 107.5TS OPENB	EUR	3,1750	3,1750	3,1750			3,1750					
Certificate	DE000CJ3PBJ7	NXPI 54.11TL OPENZ	EUR	2,5850	2,5850	2,5850			2,5850					
Certificate	NL0013146509	NXPI 60.93BL OPENB	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	DE000CJ3PBK5	NXPI 63.13TL OPENZ	EUR	1,9500	1,9500	1,7950	195,0000	1	1,7950	100				
Certificate	NL0013007610	NXPI 65.94BL OPENB	EUR	1,8000	1,8000	1,7150	900,0000	1	1,7150	500				
Certificate	DE000CJ3PT82	NXPI 71.13TL OPENZ	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	NL0013006778	NXPI 85.66BS OPENB	EUR											
Certificate	NL0013006786	NXPI 95.66BS OPENB	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	DE000CJ3PM30	NYRST 0.75TL OPENZ	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	DE000CJ3PKP5	NYRST 0.85TL OPENZ	EUR	0,1500	0,1500	0,1500			0,1500					



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	DE000CJ3PKQ3	NYRST 0.95TL OPENZ	EUR	0,1300	0,1300	0,1300			0,1300					
Certificate	DE000CJ3PKR1	NYRST 1.05TL OPENZ	EUR	0,1100	0,1100	0,1100			0,1100					
Certificate	DE000CJ3NV64	NYRST 1.15TL OPENZ	EUR	0,0930	0,0930	0,0930			0,0930					
Certificate	DE000CJ3PM48	NYRST 1.25TL OPENZ	EUR	0,0770	0,0770	0,0770			0,0770					
Certificate	DE000CJ3PPE8	NYRST 1.35TL OPENZ	EUR	0,0590	0,0590	0,0590			0,0590					
Certificate	DE000CJ3PS75	NYRST 1.45TL OPENZ	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	DE000CJ3PR19	NYRST 1.45TL OPENZ	EUR											
Certificate	DE000CJ3PR27	NYRST 1.55TL OPENZ	EUR											
Certificate	DE000CJ3NSP3	NYRST 3.09TS OPENZ	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CJ3NRM2	NYRST 3.54TS OPENZ	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	DE000CV89486	NYRST 5.17TS OPENZ	EUR	0,8200	0,8200	0,8200	328,0000	1	0,8200	400				
Certificate	DE000CV88566	NYRST 6.06TS OPENZ	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0011443965	NYRST11.28TS OPENB	EUR	1,9900	2,0000	1,9900			2,0000					
Certificate	NL0011440763	NYRST13.96TS OPENB	EUR	2,5300	2,5500	2,5300			2,5500					
Certificate	DE000CE6CAH9	OAT 129TL OPENZ	EUR	25,5100	25,5100	25,1750			25,1750					
Certificate	DE000CE6CAJ5	OAT 136.9TL OPENZ	EUR	17,7600	17,7600	17,4250			17,4250					
Certificate	DE000CJ3NWW1	OAT 144.7TL OPENZ	EUR	9,8000	9,8000	9,4700			9,4700					
Certificate	DE000CE6CAL1	OAT 154.2TS OPENZ	EUR	5,6300	5,9550	5,6300			5,9550					
Certificate	DE000CV87RM3	OAT 163.9TS OPENZ	EUR	15,5100	15,8350	15,5100			15,8350					
Certificate	NL0012439715	OCI 17TL OPENH	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0012780332	OCI 18TL OPENB	EUR	9,5850	9,5850	9,5550			9,5550					
Certificate	NL0013015688	OCI 27TS OPENB	EUR	2,9850	2,9850	2,9450			2,9450					
Certificate	NL0012986418	OCI 30TS OPENB	EUR	6,2650	6,2650	6,2250			6,2250					
Certificate	NL0012861462	OCI 30TS OPENH	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	NL0012994594	OCI 33TS OPENB	EUR	9,4650	9,4650	9,4250			9,4250					
Certificate	DE000CE6ENR7	OCI 18.TL OPENZ	EUR	8,4200	8,4200	8,4200			8,4200					
Certificate	NL0011637327	OCI 9.5TL OPENB	EUR	17,5250	17,5250	17,4950			17,4950					
Certificate	NL0011809793	OCI 10.6TL OPENB	EUR	16,5150	16,5150	16,4850			16,4850					
Certificate	NL0011735576	OCI 10.9TL OPENH	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	NL0012036057	OCI 13.8TL OPENB	EUR	13,5250	13,5250	13,4950			13,4950					
Certificate	DE000CD64682	OCI 14.5TL OPENZ	EUR	11,3500	11,9100	11,3500			11,9100					
Certificate	NL0012100614	OCI 14.9TL OPENB	EUR	12,4850	12,4850	12,4550			12,4550					
Certificate	NL0012100952	OCI 15.18L OPENB	EUR	11,5650	11,5650	11,5350			11,5350					
Certificate	NL0012053086	OCI 15.1TL OPENH	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	NL0012493126	OCI 16.9TL OPENB	EUR	10,5550	10,5550	10,5250			10,5250					
Certificate	NL0012783807	OCI 19.1TL OPENB	EUR	8,5550	8,5550	8,5250			8,5250					
Certificate	NL0012787105	OCI 20.1TL OPENB	EUR	7,6350	7,6350	7,6050			7,6050					
Certificate	NL0012789911	OCI 22.1TL OPENB	EUR	5,7650	5,7650	5,7350			5,7350					
Certificate	NL0012926513	OCI 22.4TL OPENH	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0013015373	OCI 23.1TL OPENB	EUR	4,8050	4,8050	4,7750			4,7750					
Certificate	NL0013145972	OCI 24.1TL OPENB	EUR	3,8750	4,0200	3,8450	603,0000	1	3,8450	150				
Certificate	NL0013016116	OCI 25.5TS OPENB	EUR											
Certificate	NL0013013733	OCI 28.5TS OPENB	EUR	4,6050	4,6050	4,5650			4,5650					
Certificate	NL0012790083	OCI 30.4BS OPENB	EUR	4,5750	4,5750	4,5350			4,5350					
Certificate	NL0012898035	OCI 30.7TS OPENH	EUR	0,7900	0,7900	0,7900			0,7900					
Certificate	NL0012898027	OCI 31.2TS OPENH	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	NL0012992655	OCI 31.5TS OPENB	EUR	7,8350	7,8350	7,7950			7,7950					
Certificate	NL0012796536	OCI 32.5BOC1219Z	EUR	27,2100	27,2100	27,2100			27,2100					
Certificate	NL0012898472	OCI 32.7TS OPENH	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CN6LHO5	OCI 11.54TL OPENZ	EUR	14,6600	15,2200	14,6600			15,2200					
Certificate	NL0011995469	OCI 12.69TL OPENH	EUR											
Certificate	NL0012032304	OCI 12.998L OPENB	EUR	13,6550	13,6550	13,6250			13,6250					
Certificate	NL0011997010	OCI 13.14TL OPENH	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CD63RU5	OCI 13.61TL OPENZ	EUR	12,6700	13,2300	12,6700			13,2300					
Certificate	NL0012049332	OCI 13.63TL OPENH	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CD646L1	OCI 14.64TL OPENZ	EUR	11,6800	12,2400	11,6800			12,2400					
Certificate	DE000CD64722	OCI 15.51TL OPENZ	EUR	10,3500	10,9100	10,3500			10,9100					
Certificate	NL0012437743	OCI 15.67TL OPENH	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	NL0012438311	OCI 16.17TL OPENH	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CE6EKG6	OCI 16.51TL OPENZ	EUR	9,9100	9,9100	9,9100			9,9100					
Certificate	DE000CE6EN55	OCI 16.71TL OPENZ	EUR	10,2500	10,2500	10,2500			10,2500					
Certificate	NL0012439707	OCI 17.51TL OPENH	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0012603690	OCI 18.02TL OPENH	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	NL0012605992	OCI 18.51TL OPENH	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	DE000CV88FN4	OCI 18.79TL OPENZ	EUR	8,2500	8,2500	8,2500			8,2500					
Certificate	DE000CV88FS3	OCI 18.99TL OPENZ	EUR	7,4300	7,4300	7,4300			7,4300					
Certificate	NL0012608095	OCI 19.01TL OPENH	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	NL0012615652	OCI 19.52TL OPENH	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	NL0012615645	OCI 20.02TL OPENH	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0012786941	OCI 20.198L OPENB	EUR	6,4650	6,4650	6,4350			6,4350					
Certificate	NL0012846711	OCI 20.54TL OPENH	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	DE000CV88UL7	OCI 20.87TL OPENZ	EUR	6,2500	6,2500	6,2500			6,2500					



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	DE000CV88TY2	OCI 20.98TL OPENZ	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	NL0012789721	OCI 21.21BL OPENB	EUR	5,4550	5,4550	5,4250			5,4250					
Certificate	NL0013014814	OCI 22.21BL OPENB	EUR	4,4550	4,4550	4,4250			4,4250					
Certificate	NL0012929459	OCI 22.89TL OPENH	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CV8A4A0	OCI 22.95TL OPENZ	EUR	4,2500	4,2500	4,2500			4,2500					
Certificate	DE000CV8A4T0	OCI 22.97TL OPENZ	EUR	3,5700	3,5700	3,5000	1428,0000	2	3,5000	400				
Certificate	NL0013016496	OCI 23.21BL OPENB	EUR	3,4550	3,4550	3,4250			3,4250					
Certificate	NL0013128507	OCI 24.28TL OPENH	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	NL0013127533	OCI 24.77TS OPENH	EUR											
Certificate	NL0013124571	OCI 24.77TS OPENH	EUR											
Certificate	NL0013016728	OCI 25.41BS OPENB	EUR											
Certificate	NL0013087414	OCI 26.25TS OPENH	EUR											
Certificate	DE000CJ3PPS8	OCI 26.29TS OPENZ	EUR											
Certificate	NL0013086242	OCI 27.83TS OPENH	EUR	0,4700	0,4700	0,4700			0,4700					
Certificate	NL0013013899	OCI 27.91BS OPENB	EUR	2,0850	2,0850	2,0450			2,0450					
Certificate	DE000CJ3PFT7	OCI 29.28TS OPENZ	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	NL0012864847	OCI 29.53TS OPENH	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CV8AHE0	OCI 32.77TS OPENZ	EUR	6,6500	6,6500	6,6500			6,6500					
Certificate	NL0012986236	OCI 32.88BS OPENB	EUR	7,0550	7,0550	7,0150			7,0150					
Certificate	NL0012898464	OCI 33.69TS OPENH	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	NL0012994131	OCI 35.37BS OPENB	EUR	9,5450	9,5450	9,5050			9,5050					
Certificate	NL0012898456	OCI 35.69TS OPENH	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CJ3NP54	OCI 36.27TS OPENZ	EUR	10,1500	10,1500	10,1500			10,1500					
Certificate	DE000VN610V1	OILCR LEVOPENV	EUR	0,0200	0,0200	0,0150	92,0000	1	0,0150	4600				
Certificate	DE000VN610T5	OILCR LEVOPENV	EUR	8,5000	8,5000	8,5000			8,5000					
Certificate	DE000VL23R04	OILCR LEVOPENV	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000VN610U3	OILCR LEVOPENV	EUR	0,8850	0,8850	0,8850			0,8850					
Certificate	DE000CE6C1P0	OILCR LEVOPENZ	EUR	11,7100	11,7100	11,5900			11,5900					
Certificate	DE000CE6C1S4	OILCR LEVOPENZ	EUR	0,8330	0,8330	0,7240			0,7240					
Certificate	DE000CE6C1Q8	OILCR LEVOPENZ	EUR	11,6650	11,6650	10,9150			10,9150					
Certificate	DE000VN610Y5	OILCR SHROPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN610W9	OILCR SHROPENV	EUR	2,3450	2,3450	2,3450			2,3450					
Certificate	DE000VN610X7	OILCR SHROPENV	EUR	0,0650	0,0650	0,0650			0,0650					
Certificate	DE000CE6C1R6	OILCR SHROPENZ	EUR	0,4980	0,5340	0,4980			0,5340					
Certificate	NL0012796734	OILCR SHROPENZ	EUR	74,7300	85,1900	74,7300			85,1900					
Certificate	DE000CE6C1T2	OILCR SHROPENZ	EUR	0,0020	0,0020	0,0020			0,0020					
Certificate	LU1651900844	OILCR 54TCIOPENS	EUR	8,3500	8,3500	8,1500			8,1500					
Certificate	NL0012508394	OILCR 54TL OPENB	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	LU1817317883	OILCR 66TCIOPENS	EUR											
Certificate	LU1790449604	OILCR 80TCIOPENS	EUR	12,0800	12,3700	12,0800			12,3700					
Certificate	LU1790449869	OILCR 83TCIOPENS	EUR	14,6700	14,9800	14,6700			14,9800					
Certificate	NL0011636956	OILCR 25.4TL OPENB	EUR	34,5700	34,5700	34,5700			34,5700					
Certificate	NL0011535539	OILCR 34.4TL OPENB	EUR	27,2700	27,2700	27,2700			27,2700					
Certificate	NL0012274302	OILCR 38.7TL OPENB	EUR	24,0400	24,0400	23,7600	480,8000	1	23,7600	20				
Certificate	NL0011528021	OILCR 40.8TL OPENB	EUR	22,1000	22,1000	22,1000			22,1000					
Certificate	NL0012531644	OILCR 51.1TL OPENH	EUR	11,6900	11,6900	11,6900			11,6900					
Certificate	NL0012511794	OILCR 55.1TL OPENB	EUR	10,9800	10,9800	10,4600	219,6000	1	10,4600	20				
Certificate	LU1651900927	OILCR 55.5TCIOPENS	EUR	7,0000	7,0000	6,8000			6,8000					
Certificate	DE000CV4YR87	OILCR 55.6TL OPENZ	EUR	7,3750	7,3750	6,6550			6,6550					
Certificate	LU1651901222	OILCR 56.5TCIOPENS	EUR	6,1000	6,1000	5,8900			5,8900					
Certificate	NL0012613574	OILCR 56.5TL OPENH	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	DE000CV4Z6N3	OILCR 56.6TL OPENZ	EUR	6,4900	6,4900	5,7700			5,7700					
Certificate	NL0012695977	OILCR 57.1TL OPENB	EUR	9,2400	9,2400	8,8100	6444,0000	2	8,8100	700				
Certificate	LU1696583746	OILCR 57.5TCIOPENS	EUR	5,3300	5,3300	5,1200			5,1200					
Certificate	LU1696583829	OILCR 58.5TCIOPENS	EUR	4,4400	4,4400	4,2200			4,2200					
Certificate	LU1696584041	OILCR 59.5TCIOPENS	EUR	3,5400	3,5400	3,3200			3,3200					
Certificate	NL0012920052	OILCR 62.3TL OPENH	EUR	2,7900	2,8000	2,1400	1260,0000	1	2,1400	450				
Certificate	NL0012991384	OILCR 64.5BL OPENB	EUR											
Certificate	NL0012991566	OILCR 65.2TL OPENB	EUR											
Certificate	LU1859833235	OILCR 68.5TCIOPENS	EUR	4,3500	4,6100	4,3500			4,6100					
Certificate	NL0013016769	OILCR 68.5TS OPENB	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	NL0013013931	OILCR 70.5TS OPENB	EUR	8,5700	8,5700	8,5700			8,5700					
Certificate	LU1859833318	OILCR 71.5TCIOPENS	EUR	6,9700	7,2400	6,9700			7,2400					
Certificate	NL0013012107	OILCR 72.5TS OPENB	EUR	10,3600	10,3600	10,3600			10,3600					
Certificate	DE000CJ3N7L5	OILCR 74.3TS OPENZ	EUR	9,4800	10,2500	9,4800			10,2500					
Certificate	NL0013009178	OILCR 74.4TS OPENB	EUR	12,0900	12,0900	12,0900			12,0900					
Certificate	LU1859833409	OILCR 74.5TCIOPENS	EUR	9,5900	9,8700	9,5900			9,8700					
Certificate	NL0013005267	OILCR 76.4TS OPENB	EUR	13,8800	13,8800	13,8800			13,8800					
Certificate	NL0013003742	OILCR 78.4TS OPENB	EUR	19,5900	19,5900	19,5900			19,5900					
Certificate	NL0013004492	OILCR 80.3TS OPENB	EUR	21,4500	21,4500	21,4500			21,4500					
Certificate	NL0013004872	OILCR 82.3TS OPENB	EUR	19,3000	19,3000	19,3000			19,3000					
Certificate	LU1817317610	OILCR 84.5TCIOPENS	EUR	17,9000	18,2200	17,9000			18,2200					



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	NL0012926414	OILCR105.7TS OPENH	EUR	40,5300	40,5300	40,5300			40,5300					
Certificate	NL0012312748	OILCR13.03TL OPENH	EUR	44,1800	44,1800	44,1800			44,1800					
Certificate	NL0012312730	OILCR16.16TL OPENH	EUR	41,5000	41,5000	41,5000			41,5000					
Certificate	NL0012312722	OILCR19.29TL OPENH	EUR	38,8300	38,8300	38,8300			38,8300					
Certificate	NL0011598222	OILCR24.41TL OPENH	EUR	34,6600	34,6600	34,6600			34,6600					
Certificate	NL0012312714	OILCR25.96TL OPENH	EUR	33,1400	33,1400	33,1400			33,1400					
Certificate	NL0011727649	OILCR26.59TL OPENH	EUR	32,8200	32,8200	32,8200			32,8200					
Certificate	NL0011422308	OILCR27.57TL OPENH	EUR	31,9900	31,9900	31,9900			31,9900					
Certificate	NL0011422290	OILCR30.76TL OPENH	EUR	29,2900	29,2900	29,2900			29,2900					
Certificate	NL0011727565	OILCR35.01TL OPENH	EUR	25,7100	25,7100	25,7100			25,7100					
Certificate	NL0011244322	OILCR35.88TL OPENH	EUR	24,9700	24,9700	24,9700			24,9700					
Certificate	NL0011727540	OILCR37.11TL OPENH	EUR	23,9300	23,9300	23,9300			23,9300					
Certificate	DE000CE6CP71	OILCR37.56TL OPENZ	EUR	23,1600	23,1600	22,5000			22,5000					
Certificate	NL0011244314	OILCR38.55TL OPENH	EUR	22,7100	22,7100	22,7100			22,7100					
Certificate	NL0012312706	OILCR38.76TL OPENH	EUR	22,2100	22,2100	22,2100			22,2100					
Certificate	NL0011727524	OILCR39.21TL OPENH	EUR	22,1500	22,1500	22,1500			22,1500					
Certificate	NL0012312698	OILCR39.62TL OPENH	EUR	21,4800	21,4800	21,4800			21,4800					
Certificate	NL0012310304	OILCR40.17TL OPENH	EUR	21,0300	21,0300	21,0300			21,0300					
Certificate	NL0011727516	OILCR40.27TL OPENH	EUR	21,2600	21,2600	21,2600			21,2600					
Certificate	NL0012312680	OILCR40.68TL OPENH	EUR	20,5800	20,5800	20,5800			20,5800					
Certificate	NL0011531124	OILCR40.95BL OPENB	EUR	19,6600	19,6600	19,6600			19,6600					
Certificate	NL0012310296	OILCR41.21TL OPENH	EUR	20,1300	20,1300	20,1300			20,1300					
Certificate	NL0012372353	OILCR42.67TL OPENH	EUR	18,8800	18,8800	18,8800			18,8800					
Certificate	NL0012434203	OILCR43.68TL OPENH	EUR	18,0200	18,0200	18,0200			18,0200					
Certificate	DE000CE6DRM1	OILCR44.64TL OPENZ	EUR	16,9650	16,9650	16,2750			16,2750					
Certificate	NL0012439418	OILCR45.41TL OPENH	EUR	16,5500	16,5500	16,5500			16,5500					
Certificate	DE000CE6DTG9	OILCR45.67TL OPENZ	EUR	16,0700	16,0700	15,3800			15,3800					
Certificate	DE000CE6E0K1	OILCR46.64TL OPENZ	EUR	15,2150	15,2150	14,5250			14,5250					
Certificate	NL0012525786	OILCR47.07TL OPENH	EUR	15,1300	15,1300	15,1300			15,1300					
Certificate	DE000CE6EN22	OILCR47.64TL OPENZ	EUR	14,3400	14,3400	13,6400			13,6400					
Certificate	NL0012494975	OILCR48.44BL OPENB	EUR	12,8700	12,8700	12,8700			12,8700					
Certificate	DE000CE6EW05	OILCR48.68TL OPENZ	EUR	13,4300	13,4300	12,7300			12,7300					
Certificate	NL0012529333	OILCR49.07TL OPENH	EUR	13,4300	13,4300	13,4300			13,4300					
Certificate	NL0012497036	OILCR49.46BL OPENB	EUR	11,9800	11,9800	11,9800			11,9800					
Certificate	DE000CE6EXG9	OILCR49.63TL OPENZ	EUR	12,6000	12,6000	11,8950			11,8950					
Certificate	NL0012501415	OILCR50.21BL OPENB	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	DE000CE6FE89	OILCR50.62TL OPENZ	EUR	11,7350	11,7350	11,0350			11,0350					
Certificate	DE000CE6FE97	OILCR51.63TL OPENZ	EUR	10,8500	10,8500	10,1450			10,1450					
Certificate	NL0012548465	OILCR52.56TL OPENH	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	DE000CE6FHS2	OILCR52.71TL OPENZ	EUR	9,9000	9,9000	9,1800			9,1800					
Certificate	DE000CE6FHH7	OILCR53.61TL OPENZ	EUR	9,1100	9,1100	8,4000			8,4000					
Certificate	NL0012551188	OILCR54.55TL OPENH	EUR	8,9900	8,9900	8,7700	4495,0000	1	8,7700	500				
Certificate	DE000CE6FHJ3	OILCR54.61TL OPENZ	EUR	8,2300	8,2300	7,5200			7,5200					
Certificate	NL0012512131	OILCR55.34BL OPENB	EUR	7,3000	7,3000	6,8100	146,0000	1	6,8100	20				
Certificate	NL0012696256	OILCR57.39BL OPENB	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	DE000VA87DR6	OILCR57.56TL OPENV	EUR	4,7150	4,7150	4,7150			4,7150					
Certificate	NL0012613566	OILCR58.53TL OPENH	EUR	5,3500	5,3500	5,3500			5,3500					
Certificate	DE000VA87DS4	OILCR58.56TL OPENV	EUR	3,8350	3,8350	3,8350			3,8350					
Certificate	DE000CV87HA9	OILCR58.59TL OPENZ	EUR	4,7550	4,7550	4,0250			4,0250					
Certificate	NL0012690176	OILCR59.42BL OPENB	EUR	3,3600	3,3700	3,2300	3024,0000	1	3,2300	900				
Certificate	NL0012613558	OILCR59.55TL OPENH	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	NL0012775001	OILCR60.44BL OPENB	EUR	2,3300	2,3300	2,3300			2,3300					
Certificate	NL0012613541	OILCR60.56TL OPENH	EUR	4,1900	4,1900	3,4400	10803,0000	6	3,6200	2800				
Certificate	DE000CV88186	OILCR60.62TL OPENZ	EUR	2,9550	2,9550	2,0200	13685,0000	11	2,2150	5300				
Certificate	DE000VA6D922	OILCR60.72TL OPENV	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	LU1719639152	OILCR61.25TCIOPENS	EUR	2,2300	2,2300	2,0000			2,0000					
Certificate	NL0012781280	OILCR61.46BL OPENB	EUR	2,0000	2,0000	1,2400	774,0000	2	1,4400	615				
Certificate	DE000VASRL02	OILCR61.66TL OPENV	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	NL0012782031	OILCR62.47BL OPENB	EUR	1,2000	1,2000	0,5200	30562,0000	5	0,5500	35370				
Certificate	DE000CV88862	OILCR62.58TL OPENZ	EUR	1,2550	1,2550	0,5050	3480,0000	4	0,5050	4000				
Certificate	DE000VA6D930	OILCR62.72TL OPENV	EUR	0,8800	0,9250	0,3250	856,2600	7	0,3250	1204				
Certificate	NL0012974422	OILCR63.48BL OPENB	EUR											
Certificate	DE000VASRL10	OILCR63.66TL OPENV	EUR											
Certificate	LU1817216697	OILCR63.75TCIOPENS	EUR											
Certificate	NL0012889679	OILCR64.24TL OPENH	EUR											
Certificate	DE000CV88334	OILCR64.58TL OPENZ	EUR											
Certificate	DE000VAD948	OILCR64.72TL OPENV	EUR											
Certificate	NL0012991780	OILCR65.47BL OPENB	EUR											
Certificate	DE000VASRL28	OILCR65.66TL OPENV	EUR											
Certificate	DE000VA87DP0	OILCR66.29TS OPENV	EUR	3,0250	3,0250	3,0250			3,0250					
Certificate	DE000VA87DQ8	OILCR67.29TS OPENV	EUR	3,9050	3,9050	3,9050			3,9050					
Certificate	NL0013127301	OILCR68.09TS OPENH	EUR	6,4300	6,4600	6,4300	192,9000	1	6,4600	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	DE000VA8FXP4	OILCR68.32TS OPENV	EUR	4,7750	4,7750	4,7750			4,7750					
Certificate	NL0013124399	OILCR69.06TS OPENH	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	NL0013146194	OILCR69.2885 OPENB	EUR	5,8000	5,8000	5,8000			5,8000					
Certificate	DE000VA8FXQ2	OILCR69.32TS OPENV	EUR	5,6550	5,6550	5,6550			5,6550					
Certificate	DE000CJ3PKE9	OILCR70.32TS OPENZ	EUR	5,9900	6,7400	5,9900			6,7400					
Certificate	DE000VA711G3	OILCR70.33TS OPENV	EUR	6,5350	6,5350	6,5350			6,5350					
Certificate	NL0013003957	OILCR70.53BL OPENB	EUR											
Certificate	NL0013016199	OILCR71.2885 OPENB	EUR	7,5600	7,5600	7,5600			7,5600					
Certificate	DE000VA710G5	OILCR71.33TS OPENV	EUR	7,4050	7,4050	7,4050			7,4050					
Certificate	NL0013086101	OILCR72.04TS OPENH	EUR	10,0200	10,0200	10,0200			10,0200					
Certificate	DE000CJ3PEC6	OILCR72.31TS OPENZ	EUR	7,7400	8,5000	7,7400			8,5000					
Certificate	DE000VA710H3	OILCR72.33TS OPENV	EUR	8,2850	8,2850	8,2850			8,2850					
Certificate	NL0013013436	OILCR73.2885 OPENB	EUR	9,3200	9,3200	9,3200			9,3200					
Certificate	DE000VA77F71	OILCR73.49TS OPENV	EUR	9,1550	9,1550	9,1550			9,1550					
Certificate	NL0013081631	OILCR73.97TS OPENH	EUR	11,7800	11,7800	11,7800			11,7800					
Certificate	DE000VA77F89	OILCR74.49TS OPENV	EUR	10,0250	10,0250	10,0250			10,0250					
Certificate	NL0013008055	OILCR75.2785 OPENB	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	DE000VA77F97	OILCR75.49TS OPENV	EUR	10,9050	10,9050	10,9050			10,9050					
Certificate	DE000CJ3NOK2	OILCR76.28TS OPENZ	EUR	11,2200	11,9900	11,2200			11,9900					
Certificate	DE000VA7PV67	OILCR76.51TS OPENV	EUR	11,7750	11,7750	11,7750			11,7750					
Certificate	NL0012861231	OILCR76.73TS OPENH	EUR	14,2800	14,2800	14,2800			14,2800					
Certificate	NL0012787238	OILCR77.2785 OPENB	EUR	12,8200	12,8200	12,8200			12,8200					
Certificate	DE000VA6D420	OILCR77.84TS OPENV	EUR	12,6450	12,6450	12,6450			12,6450					
Certificate	DE000CV4ZRA3	OILCR78.26TS OPENZ	EUR	12,9500	13,7200	12,9500			13,7200					
Certificate	NL0012894182	OILCR78.47TS OPENH	EUR	15,8400	15,8400	15,8400			15,8400					
Certificate	DE000VAGT1N4	OILCR78.56TS OPENV	EUR	13,5250	13,5250	13,5250			13,5250					
Certificate	NL0012791321	OILCR79.2685 OPENB	EUR	14,5700	14,5700	14,5700			14,5700					
Certificate	NL0012565113	OILCR79.44TS OPENH	EUR	16,0700	16,7400	16,0700	1012,4100	1	16,7400	63				
Certificate	DE000VA7PN18	OILCR79.52TS OPENV	EUR	14,4050	14,4050	14,4050			14,4050					
Certificate	DE000CV4ZR55	OILCR80.25TS OPENZ	EUR	14,6900	15,4800	14,6900	737,5000	1	15,4800	50				
Certificate	DE000VA640B5	OILCR80.52TS OPENV	EUR	15,2750	15,2750	15,2750			15,2750					
Certificate	NL0012902217	OILCR80.65TS OPENH	EUR	17,8300	17,8300	17,8300			17,8300					
Certificate	NL0012993851	OILCR81.2685 OPENB	EUR	16,3300	16,3300	16,3300			16,3300					
Certificate	DE000VA640C3	OILCR81.52TS OPENV	EUR	16,1550	16,1550	16,1550			16,1550					
Certificate	DE000VA640D1	OILCR82.52TS OPENV	EUR	17,0350	17,0350	17,0350			17,0350					
Certificate	DE000CJ3NXL2	OILCR82.76TS OPENZ	EUR	16,8900	17,6800	16,8900			17,6800					
Certificate	NL0013003528	OILCR83.2685 OPENB	EUR	18,0800	18,0800	18,0800			18,0800					
Certificate	DE000VA640E9	OILCR83.52TS OPENV	EUR	17,9050	17,9050	17,9050			17,9050					
Certificate	NL0012565105	OILCR84.33TS OPENH	EUR	21,1500	21,1500	21,1500			21,1500					
Certificate	DE000VA7PU43	OILCR84.52TS OPENV	EUR	18,7950	18,7950	18,7950			18,7950					
Certificate	DE000CV89Q80	OILCR85.21TS OPENZ	EUR	19,0300	19,8300	19,0300			19,8300					
Certificate	NL0013004328	OILCR85.2685 OPENB	EUR	19,8400	19,8400	19,8400			19,8400					
Certificate	DE000CV88H25	OILCR90.25TS OPENZ	EUR	23,4500	24,2600	23,4500			24,2600					
Certificate	NL0012861223	OILCR90.53TS OPENH	EUR	26,7800	26,7800	26,7800			26,7800					
Certificate	DE000CJ3NXM0	OILCR94.73TS OPENZ	EUR	27,3700	28,2000	27,3700			28,2000					
Certificate	NL0012613467	OILCR95.33TS OPENH	EUR	31,1200	31,1200	31,1200			31,1200					
Certificate	NL0012861215	OILCR95.46TS OPENH	EUR	31,2500	31,2500	31,2500			31,2500					
Certificate	DE000CJ3NXN8	OILCR99.22TS OPENZ	EUR	31,3000	32,1400	31,3000			32,1400					
Certificate	NL0000833317	OILGA PI OPENB	EUR	7,7600	7,7600	7,7400			7,7400					
Certificate	DE000CE6DB84	OJ 1.32TL OPENZ	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CV508H9	OJ 1.85TS OPENZ	EUR	4,8150	4,8300	4,8150			4,8300					
Certificate	DE000CV4ZH96	OJ 1.109TL OPENZ	EUR	2,8250	2,8350	2,8250			2,8350					
Certificate	DE000CD64FK9	OJ 1.213TL OPENZ	EUR	1,9450	1,9550	1,9450			1,9550					
Certificate	DE000CV508F3	OJ 1.394TL OPENZ	EUR											
Certificate	DE000CV4ZHCO	OJ 1.754TS OPENZ	EUR	3,9350	3,9550	3,9350			3,9550					
Certificate	DE000CV88LW3	OJ 1.945TS OPENZ	EUR	5,6850	5,7050	5,6850			5,7050					
Certificate	DE000CE6C8U5	OMXS 1123TL OPENZ	EUR											
Certificate	DE000CE6CY05	OMXS 1243TL OPENZ	EUR											
Certificate	DE000CE6C8T7	OMXS 1362TL OPENZ	EUR											
Certificate	DE000CV87K96	OMXS 1462TL OPENZ	EUR											
Certificate	DE000CJ3N6P8	OMXS 1649TS OPENZ	EUR											
Certificate	DE000CE6C8W1	OMXS 1748TS OPENZ	EUR											
Certificate	DE000CE6CY13	OMXS 1908TS OPENZ	EUR											
Certificate	DE000CV88NU3	OMXS 2115TS OPENZ	EUR											
Certificate	DE000CV87W27	ONTEX 16.2TL OPENZ	EUR											
Certificate	NL0012998223	ONTEX 20.98S OPENB	EUR	0,7750	0,8650	0,7750			0,8650					
Certificate	DE000CJ3N3Q3	ONTEX10.17TL OPENZ	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	NL0013006927	ONTEX11.05BL OPENB	EUR	1,3750	1,3750	1,2850			1,2850					
Certificate	DE000CV4ZRX5	ONTEX11.17TL OPENZ	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000CV888J1	ONTEX12.88TL OPENZ	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	NL0012998033	ONTEX13.05BL OPENB	EUR	0,9750	0,9750	0,8850	900,0000	1	0,8850	1000				
Certificate	DE000CV4ZRW7	ONTEX14.01TL OPENZ	EUR	0,4300	0,4300	0,4300			0,4300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012998041	ONTEX15.05BL OPENB	EUR	0,5750	0,5750	0,4850			0,4850					
Certificate	DE000CV888K9	ONTEX15.67TL OPENZ	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	NL0013018914	ONTEX16.91BS OPENB	EUR											
Certificate	NL0012998231	ONTEX24.89BS OPENB	EUR	1,5750	1,6550	1,5750			1,6550					
Certificate	DE000CV8A9L6	ORABL10.86TL OPENZ	EUR	4,7050	4,7050	4,7050			4,7050					
Certificate	DE000CV502H2	ORABL11.86TL OPENZ	EUR	3,7050	3,7050	3,7050			3,7050					
Certificate	DE000CJ3NJW8	ORABL12.85TL OPENZ	EUR	2,7150	2,7150	2,7150			2,7150					
Certificate	DE000CJ3PL56	ORABL14.36TL OPENZ	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	DE000CV8ARB5	ORABL7.795TL OPENZ	EUR	7,7700	7,7700	7,7700			7,7700					
Certificate	DE000CV87TX6	ORABL9.828TL OPENZ	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	NL0011637335	ORACL 30.7TL OPENB	EUR	17,9500	17,9500	17,9500			17,9500					
Certificate	NL0010899738	ORANG 9TL OPENB	EUR	5,6500	5,6500	5,6200			5,6200					
Certificate	NL0012523930	ORANG 21TS OPENH	EUR	9,3600	9,4400	9,3600			9,4400					
Certificate	NL0010251781	ORANG 3.4TL OPENB	EUR	10,8200	10,8200	10,8200			10,8200					
Certificate	NL0010899746	ORANG 10.2TL OPENB	EUR	4,5900	4,5900	4,5600			4,5600					
Certificate	NL0011425848	ORANG 11.2TL OPENB	EUR	3,6100	3,6100	3,5800			3,5800					
Certificate	NL0012017222	ORANG 12.3TL OPENB	EUR	2,5700	2,5700	2,5400			2,5400					
Certificate	DE000CD64730	ORANG 13.2TL OPENZ	EUR	1,0000	1,0000	0,7500			0,7500					
Certificate	NL0012780761	ORANG 13.4TL OPENB	EUR	1,6200	1,6200	1,5900			1,5900					
Certificate	NL0010909164	ORANG 14.9TS OPENB	EUR	2,1800	2,2000	2,1800			2,2000					
Certificate	NL0011445770	ORANG 16.8TS OPENB	EUR	4,2100	4,2300	4,2100			4,2300					
Certificate	NL0011418033	ORANG 6.63TL OPENH	EUR	8,0100	8,0100	7,9100			7,9100					
Certificate	NL0012056394	ORANG 9.55TL OPENH	EUR	5,3600	5,3600	5,2600			5,2600					
Certificate	DE000CR9PVK0	ORANG10.21TL OPENZ	EUR	3,9700	3,9700	3,7100			3,7100					
Certificate	NL0011418009	ORANG10.83TL OPENH	EUR	4,2000	4,2000	4,1000			4,1000					
Certificate	DE000CR9NK23	ORANG11.71TL OPENZ	EUR	2,4800	2,4800	2,2200			2,2200					
Certificate	NL0011979844	ORANG11.77TL OPENH	EUR	3,3400	3,3400	3,2400			3,2400					
Certificate	NL0011972815	ORANG12.31TL OPENH	EUR	2,8600	2,8600	2,7600			2,7600					
Certificate	NL0012936736	ORANG14.37TS OPENH	EUR	1,9900	2,0800	1,9900			2,0800					
Certificate	NL0011417969	ORANG15.12TS OPENH	EUR	2,8300	2,9100	2,8300			2,9100					
Certificate	NL0011417951	ORANG16.52TS OPENH	EUR	4,3800	4,4600	4,3800			4,4600					
Certificate	NL0011417944	ORANG16.98TS OPENH	EUR	4,8900	4,9700	4,8900			4,9700					
Certificate	NL0011417936	ORANG18.84TS OPENH	EUR	6,9600	7,0400	6,9600			7,0400					
Certificate	NL0012437941	ORANG20.86TS OPENH	EUR	9,2100	9,2900	9,2100			9,2900					
Certificate	NL0012531511	ORANG20.92TS OPENH	EUR	9,2600	9,3500	9,2600			9,3500					
Certificate	NL0012314033	ORANG22.77TS OPENH	EUR	11,3300	11,4100	11,3300			11,4100					
Certificate	DE000CV87JG2	ORPEA 91.5TL OPENZ	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CV50962	ORPEA71.54TL OPENZ	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	DE000CV50970	ORPEA81.53TL OPENZ	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	DE000CV88DQ1	PAAS 10.83TL OPENZ	EUR	4,5300	4,5300	4,5300			4,5300					
Certificate	DE000CV8AH59	PAAS 12.99TL OPENZ	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	NL0012796759	PALLA LEVOPENZ	EUR	43,0400	45,4500	43,0400			45,4500					
Certificate	NL0000451896	PALLA PI OPENN	EUR	9,6100	9,8000	9,6100			9,8000					
Certificate	NL0012796775	PALLA SHROPEZ	EUR	45,5200	45,5200	42,9800			42,9800					
Certificate	NL0000451599	PALLA 157TL OPENB	EUR	85,4300	85,4300	85,4300			85,4300					
Certificate	NL0009064393	PALLA 224TL OPENB	EUR	80,1200	80,1200	80,1200			80,1200					
Certificate	NL0011537394	PALLA 477TL OPENB	EUR	59,9850	59,9850	59,9850			59,9850					
Certificate	DE000CN6HPN3	PALLA 501TL OPENZ	EUR	53,8700	55,6300	53,8700			55,6300					
Certificate	NL0011601307	PALLA 523TL OPENH	EUR	56,3000	56,3000	56,3000			56,3000					
Certificate	NL0011813241	PALLA 531TL OPENB	EUR	55,6150	55,6150	55,6150			55,6150					
Certificate	NL0011731005	PALLA 542TL OPENH	EUR	54,8200	54,8200	54,8200			54,8200					
Certificate	NL0011730999	PALLA 563TL OPENH	EUR	53,0900	53,0900	53,0900			53,0900					
Certificate	NL0012102347	PALLA 691TL OPENB	EUR	42,8450	42,8450	42,8450			42,8450					
Certificate	DE000CE6BJX9	PALLA 708TL OPENZ	EUR	36,4600	36,4600	36,4600			36,4600					
Certificate	NL0012103642	PALLA 744TL OPENB	EUR	38,5300	38,6250	38,4550	1926,5000	1	38,6250	50				
Certificate	DE000CV8AQ09	PANDO217.7TL OPENZ	EUR	2,7550	2,7550	2,7550			2,7550					
Certificate	DE000CV89PY8	PANDO268.2TL OPENZ	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	DE000CV8AQZ6	PANDO277.2TL OPENZ	EUR	2,2050	2,2050	2,2050			2,2050					
Certificate	DE000CV8AR08	PANDO298.9TL OPENZ	EUR	1,9350	1,9350	1,9350			1,9350					
Certificate	DE000CV8ARU5	PANDO317.9TL OPENZ	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000CV8ARJ8	PANDO320.5TL OPENZ	EUR	1,6650	1,6650	1,6650			1,6650					
Certificate	DE000CJ3N4R9	PANDO350.5TL OPENZ	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	DE000CJ3N344	PANDO352.9TL OPENZ	EUR	0,9550	0,9550	0,9550			0,9550					
Certificate	DE000CJ3N781	PANDO380.5TL OPENZ	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	DE000CJ3N7M3	PANDO387.9TL OPENZ	EUR	0,4950	0,4950	0,4950			0,4950					
Certificate	DE000CJ3PB44	PANDO410.5TL OPENZ	EUR											
Certificate	DE000CV8AJ40	PANDO443.2TS OPENZ	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000CV89HZ2	PANDO489.2TS OPENZ	EUR	1,4950	1,4950	1,4950			1,4950					
Certificate	DE000CV88WA6	PANDO535.1TS OPENZ	EUR	2,1650	2,1650	2,1650			2,1650					
Certificate	DE000CV88ZE1	PANDO554.5TS OPENZ	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000CV893R4	PANDO604.4TS OPENZ	EUR	2,5050	2,5050	2,5050			2,5050					
Certificate	DE000CR6XD7	PARGE53.28TL OPENZ	EUR	1,7900	1,7900	1,7900			1,7900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CN6L1D6	PARGE60.15TL OPENZ	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CY50W50	PAYPL 50TL OPENC	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CY50Z24	PAYPL 50TL OPENC	EUR	2,8400	2,8400	2,8400			2,8400					
Certificate	DE000CY50Z32	PAYPL 55TL OPENC	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CY50W68	PAYPL 55TL OPENC	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	DE000CY50W76	PAYPL 56TL OPENC	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	DE000CY50Z40	PAYPL 56TL OPENC	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	DE000CJ3N6K9	PAYPL 57TL 1218Z	EUR	2,3750	2,3750	2,3750			2,3750					
Certificate	DE000CY51584	PAYPL 58TL OPENC	EUR	2,1200	2,1200	1,9100	2544,0000	2	1,9100	1200				
Certificate	DE000CY51MY9	PAYPL 65TL OPENC	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CY51L11	PAYPL 65TL OPENC	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CV8AEC1	PAYPL 66TL 1218Z	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	DE000CV8AH91	PAYPL 71TL 1218Z	EUR	1,1550	1,1550	1,1550			1,1550					
Certificate	DE000CQ58AA4	PAYPL 75TL OPENC	EUR											
Certificate	DE000CJ3PCR8	PAYPL 76TL 1218Z	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	DE000CQ58J59	PAYPL 82TL OPENC	EUR											
Certificate	DE000CQ5ATO2	PAYPL 82TS OPENC	EUR											
Certificate	DE000CQ581A8	PAYPL 95TS OPENC	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	DE000CQ58AC0	PAYPL 95TS OPENC	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CQ58LE3	PAYPL 95TS OPENC	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	DE000CQ5ABY4	PAYPL 95TS OPENC	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	DE000CQ58J67	PAYPL 100TS OPENC	EUR	1,9200	1,9200	1,9200			1,9200					
Certificate	DE000CQ58EM1	PAYPL 100TS OPENC	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CV8AHS0	PAYPL51.13TL OPENZ	EUR	2,8450	2,8450	2,8450			2,8450					
Certificate	DE000CV89UA8	PAYPL61.34TL OPENZ	EUR	1,9550	1,9550	1,9550			1,9550					
Certificate	DE000CV89UB6	PAYPL71.43TL OPENZ	EUR	1,0100	1,0650	1,0100	5327,7500	2	1,0650	5275				
Certificate	DE000CJ3PGS7	PAYPL79.39TL OPENZ	EUR											
Certificate	DE000CE6DFV7	PBR 7.41TL OPENZ	EUR	8,0350	8,0350	8,0350			8,0350					
Certificate	DE000CE6CF32	PBR 8.08TL OPENZ	EUR	7,4850	7,4850	7,4850			7,4850					
Certificate	DE000CE6DYE4	PBR 8.75TL OPENZ	EUR	6,9250	6,9250	6,9250			6,9250					
Certificate	DE000CV89S88	PBR 9.82TL OPENZ	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	DE000CJ3NLZ7	PBR 10.89TL OPENZ	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	DE000CJ3NY87	PBR 12.39TL OPENZ	EUR	3,8950	3,8950	3,8950			3,8950					
Certificate	DE000CJ3N1R5	PBR 14.39TL OPENZ	EUR	2,2550	2,2550	2,2550			2,2550					
Certificate	DE000CV4YXN7	PERNO107.7TL OPENZ	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CV4YYZ9	PERNO121.7TL OPENZ	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CJ3NMH3	PERNO87.63TL OPENZ	EUR	1,9900	1,9900	1,9700	7920,0000	2	1,9800	4000				
Certificate	NL0010443370	PEUGO 3TL OPENB	EUR	18,3400	18,3400	18,3400			18,3400					
Certificate	DE000CQKUL2	PEUGO 10TL OPENC	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	NL0010607305	PEUGO 5.4TL OPENB	EUR	16,1500	16,1500	16,1500			16,1500					
Certificate	NL0010905493	PEUGO 8.8TL OPENB	EUR	13,6400	13,6400	12,9800			12,9800					
Certificate	NL0013012206	PEUGO 18.4TL OPENB	EUR	4,6400	4,6400	3,9800			3,9800					
Certificate	NL0013017098	PEUGO 19.4TL OPENB	EUR	3,7100	3,7100	3,0500			3,0500					
Certificate	NL0013005978	PEUGO 22.5TS OPENB	EUR	2,6600	3,3100	2,6600			3,3100					
Certificate	NL0012907141	PEUGO 24.4TS OPENH	EUR	5,4200	6,0900	5,4200			6,0900					
Certificate	NL0013002553	PEUGO 24.5TS OPENB	EUR	4,7900	5,4400	4,7900			5,4400					
Certificate	NL0012313217	PEUGO 26.2TS OPENH	EUR	7,4200	8,1000	7,4200			8,1000					
Certificate	NL0012983456	PEUGO 26.5TS OPENB	EUR	6,9300	7,5800	6,9300			7,5800					
Certificate	NL0013000128	PEUGO 28.5TS OPENB	EUR	9,0900	9,7400	9,0900			9,7400					
Certificate	NL0012313258	PEUGO 5.24TL OPENH	EUR	17,0200	17,0200	16,3100			16,3100					
Certificate	NL0012313241	PEUGO 7.29TL OPENH	EUR	15,1600	15,1600	14,4500			14,4500					
Certificate	NL0011989140	PEUGO11.36TL OPENH	EUR	11,4500	11,4500	10,7400			10,7400					
Certificate	NL0011992607	PEUGO11.96TL OPENH	EUR	10,9100	10,9100	10,2000			10,2000					
Certificate	DE000CD62DE1	PEUGO12.65TL OPENZ	EUR	8,4600	8,4700	8,4600			8,4700					
Certificate	NL0012051155	PEUGO13.42TL OPENH	EUR	9,5800	9,5800	8,8700			8,8700					
Certificate	DE000CD640M2	PEUGO14.16TL OPENZ	EUR	6,9600	6,9700	6,9600			6,9700					
Certificate	NL0012051148	PEUGO14.45TL OPENH	EUR	8,6400	8,6400	7,9300			7,9300					
Certificate	NL0012057681	PEUGO15.47TL OPENH	EUR	7,7200	7,7200	7,0100			7,0100					
Certificate	DE000CD64D60	PEUGO16.15TL OPENZ	EUR	4,9800	4,9950	4,9800			4,9950					
Certificate	NL0012556195	PEUGO16.48TL OPENH	EUR	6,8100	6,8100	6,1000			6,1000					
Certificate	NL0012585343	PEUGO17.48TL OPENH	EUR	5,9000	5,9000	5,1900			5,1900					
Certificate	DE000CV88814	PEUGO18.13TL OPENZ	EUR	3,0450	3,0450	3,0450			3,0450					
Certificate	NL0012601025	PEUGO18.48TL OPENH	EUR	4,9800	4,9800	4,2700			4,2700					
Certificate	NL0013126774	PEUGO21.44TS OPENH	EUR											
Certificate	NL0012367015	PEUGO28.21TS OPENH	EUR	9,6500	10,3300	9,6500			10,3300					
Certificate	NL0012522999	PEUGO30.37TS OPENH	EUR	12,0500	12,7300	12,0500			12,7300					
Certificate	NL0012891337	PEUGO34.25TS OPENH	EUR	16,3600	17,0400	16,3600			17,0400					
Certificate	NL0012891329	PEUGO36.24TS OPENH	EUR	18,5800	19,2600	18,5800			19,2600					
Certificate	NL0009533140	PFIZR 8.8TL OPENB	EUR	30,4500	30,4500	30,4500			30,4500					
Certificate	NL0009563881	PFIZR 10.5TL OPENB	EUR	29,0800	29,0800	29,0800			29,0800					
Certificate	NL0011425921	PFIZR 26.1TL OPENB	EUR	16,6400	16,6400	16,6400			16,6400					
Certificate	DE000CR9RV59	PGMBL57.53TL OPENZ	EUR	2,8800	2,8800	2,8100			2,8100					



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	DE000CJ3NM57	PHARM 0.38TL OPENZ	EUR	0,6200	0,6200	0,6200			0,6200					
Certificate	DE000CJ3NL52	PHARM 0.49TL OPENZ	EUR	0,5400	0,5400	0,5200	4034,0000	2	0,5200	7600				
Certificate	DE000CV89291	PHARM 0.61TL OPENZ	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	DE000CJ3NPA1	PHARM 0.66TL OPENZ	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	DE000CJ3NPB9	PHARM 0.73TL OPENZ	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	DE000CJ3NPC7	PHARM 0.79TL OPENZ	EUR	0,2600	0,2600	0,2600			0,2600					
Certificate	DE000CJ3PM55	PHARM 0.86TL OPENZ	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CJ3NW71	PHARM 1.08TS OPENZ	EUR	0,3200	0,3200	0,3200			0,3200					
Certificate	DE000CJ3NLU8	PHARM 1.18TS OPENZ	EUR	0,4500	0,4500	0,4500			0,4500					
Certificate	NL0012986020	PHARM 1.34TS OPENB	EUR	0,5250	0,5350	0,5250			0,5350					
Certificate	DE000CV8AM03	PHARM 1.34TS OPENZ	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CV89Y49	PHARM 1.51TS OPENZ	EUR	0,8400	0,8400	0,8400			0,8400					
Certificate	DE000CV89L02	PHARM 1.67TS OPENZ	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CV89L10	PHARM 1.84TS OPENZ	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0013007875	PHARM0.413TL OPENB	EUR	0,5850	0,5850	0,5750			0,5750					
Certificate	NL0013000086	PHARM0.512TL OPENB	EUR	0,4950	0,4950	0,4850			0,4850					
Certificate	NL0012999551	PHARM0.612TL OPENB	EUR	0,4050	0,4050	0,3950			0,3950					
Certificate	NL0013000755	PHARM0.712TL OPENB	EUR	0,3150	0,3150	0,3000	3595,8600	4	0,3050	11606				
Certificate	NL0013001357	PHARM0.812TL OPENB	EUR	0,2250	0,2300	0,2150	2676,2000	2	0,2150	11710				
Certificate	NL0013017106	PHARM0.912TL OPENB	EUR	0,1350	0,1400	0,1100	2116,0000	5	0,1250	16300				
Certificate	NL0012999676	PHARM1.089TS OPENB	EUR	0,2550	0,2700	0,2550	270,0000	1	0,2650	1000				
Certificate	NL0012972723	PHARM1.588TS OPENB	EUR	0,8050	0,8150	0,8050			0,8150					
Certificate	DE000CR9NY50	PHIL 69.94TL OPENZ	EUR	2,9400	2,9400	2,6000			2,6000					
Certificate	NL0010514444	PHILP 18TL OPENB	EUR	17,0900	17,0900	17,0900			17,0900					
Certificate	DE000CX00EH0	PHILP 21TL OPENC	EUR	15,3700	15,3700	15,3700			15,3700					
Certificate	DE000CX00FJ3	PHILP 21TL OPENC	EUR	14,4000	14,4000	14,4000			14,4000					
Certificate	NL0011896634	PHILP 21TL OPENH	EUR	14,1500	14,1500	14,1500			14,1500					
Certificate	DE000CX59A90	PHILP 22TL OPENC	EUR	13,8500	13,8500	13,8500			13,8500					
Certificate	DE000CX59GJ7	PHILP 22TL OPENC	EUR	12,8600	12,8600	12,8600			12,8600					
Certificate	DE000CX59N79	PHILP 24TL OPENC	EUR	10,8300	10,8300	10,8300			10,8300					
Certificate	DE000CX59YM4	PHILP 25TL OPENC	EUR	10,9800	10,9800	10,9800			10,9800					
Certificate	DE000CX59GK5	PHILP 25TL OPENC	EUR	9,7900	9,7900	9,7900			9,7900					
Certificate	DE000CX59Q76	PHILP 26TL OPENC	EUR	9,9900	9,9900	9,9900			9,9900					
Certificate	DE000CX59KU6	PHILP 26TL OPENC	EUR	8,7800	8,7800	8,7800			8,7800					
Certificate	NL0012114060	PHILP 27TL OPENB	EUR	9,2400	9,2400	8,7800	5303,0000	3	8,7800	600				
Certificate	DE000CY16C57	PHILP 27TL OPENC	EUR	9,1000	9,1000	9,1000			9,1000					
Certificate	DE000CY16AU5	PHILP 27TL OPENC	EUR	7,8500	7,8500	7,8500			7,8500					
Certificate	DE000CY16AV3	PHILP 28TL OPENC	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	DE000CY16C65	PHILP 28TL OPENC	EUR	8,1400	8,1400	8,1400			8,1400					
Certificate	DE000CQ5APY4	PHILP 29TL OPENC	EUR	5,6100	5,6100	5,4900	981,7500	1	5,4900	175				
Certificate	DE000CY16S67	PHILP 29TL OPENC	EUR	5,8500	5,8500	5,8500			5,8500					
Certificate	DE000CQ5A7W0	PHILP 29TL OPENC	EUR	6,6500	6,6600	6,5000	1230,2500	1	6,5000	185				
Certificate	DE000CQ5ASL7	PHILP 30TL OPENC	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	DE000CQ5A7X8	PHILP 30TL OPENC	EUR	5,5400	5,5400	5,5400			5,5400					
Certificate	NL0013018708	PHILP 31TL OPENB	EUR	5,4500	5,4500	4,9900			4,9900					
Certificate	DE000CQ5AP21	PHILP 31TL OPENC	EUR	3,9000	3,9200	3,4800	1727,0000	2	3,4800	450				
Certificate	NL0012649115	PHILP 34BOC1218Z	EUR	33,8450	33,8450	33,8450			33,8450					
Certificate	DE000CQ5BZ83	PHILP 34TS OPENC	EUR											
Certificate	NL0012649123	PHILP 36BOC1218Z	EUR	35,4900	35,4900	35,4900			35,4900					
Certificate	DE000CQ5BZ91	PHILP 36TS OPENC	EUR	2,6700	2,6700	2,6700			2,6700					
Certificate	DE000CP07A28	PHILP 38TS OPENC	EUR	6,0100	6,0100	6,0100			6,0100					
Certificate	DE000CP06U58	PHILP 38TS OPENC	EUR	4,6300	4,6300	4,6300			4,6300					
Certificate	DE000CY50UV0	PHILP 38TS OPENC	EUR											
Certificate	DE000CY51CD4	PHILP 42TS OPENC	EUR	8,8900	8,8900	8,8900			8,8900					
Certificate	DE000CQ58FH8	PHILP 42TS OPENC	EUR	9,8700	9,8700	9,8700			9,8700					
Certificate	DE000CY51AN7	PHILP 42TS OPENC	EUR	6,9800	6,9800	6,9800			6,9800					
Certificate	DE000CQ5AWY0	PHILP 44TS OPENC	EUR	10,2700	10,2700	10,2700			10,2700					
Certificate	DE000CY51AP2	PHILP 44TS OPENC	EUR	8,9400	8,9400	8,9400			8,9400					
Certificate	DE000CQ5B3C0	PHILP 44TS OPENC	EUR	11,9100	11,9100	11,9100			11,9100					
Certificate	DE000CQ5B0M5	PHILP 46TS OPENC	EUR	12,3000	12,3000	12,3000			12,3000					
Certificate	DE000CP062M5	PHILP 46TS OPENC	EUR	14,2100	14,2100	14,2100			14,2100					
Certificate	DE000CP060Q0	PHILP 48TS OPENC	EUR	14,5200	14,5200	14,5200			14,5200					
Certificate	DE000CP06L83	PHILP 48TS OPENC	EUR	16,3200	16,3200	16,3200			16,3200					
Certificate	NL0012899496	PHILP 48TS OPENH	EUR	18,2800	18,2800	18,2800			18,2800					
Certificate	DE000CP06KM0	PHILP 50TS OPENC	EUR	16,5500	16,5500	16,5500			16,5500					
Certificate	NL0010175774	PHILP 14.9TL OPENB	EUR	20,0400	20,0400	20,0400			20,0400					
Certificate	NL0011051669	PHILP 15.1TL OPENH	EUR	19,6300	19,6300	19,6300			19,6300					
Certificate	NL0010282224	PHILP 15.8TL OPENB	EUR	19,6400	19,6400	19,2000			19,2000					
Certificate	NL0010887592	PHILP 16.3TL OPENB	EUR	19,1200	19,1200	18,6600			18,6600					
Certificate	NL0010380390	PHILP 16.9TL OPENB	EUR	18,1800	18,1800	18,1800			18,1800					
Certificate	NL0010887600	PHILP 17.4TL OPENB	EUR	18,1600	18,1600	17,7000			17,7000					
Certificate	NL0011906664	PHILP 21.5TL OPENB	EUR	14,2800	14,2800	13,8200			13,8200					



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	NL0011916630	PHILP 23.7TL OPENB	EUR	12,2700	12,2700	11,8100			11,8100					
Certificate	NL0011970603	PHILP 24.1TL OPENH	EUR	11,2600	11,2600	11,2600			11,2600					
Certificate	NL0011918941	PHILP 24.68L OPENB	EUR	9,8900	9,8900	9,4300	9500,0000	1	9,4300	1000				
Certificate	NL0012017628	PHILP 24.8TL OPENB	EUR	11,2500	11,2500	10,7900			10,7900					
Certificate	NL0012106827	PHILP 25.9TL OPENB	EUR	10,2400	10,2400	9,7800			9,7800					
Certificate	DE000CE6C2H5	PHILP 27.1TL OPENZ	EUR	7,3550	7,3550	7,3550			7,3550					
Certificate	NL0012120232	PHILP 28.1TL OPENB	EUR	8,2200	8,2200	7,7150	77,2000	1	7,7600	10				
Certificate	NL0012600050	PHILP 29.3TL OPENH	EUR	6,4200	6,4200	6,4200			6,4200					
Certificate	NL0012779854	PHILP 29.5TL OPENB	EUR	6,8300	6,8300	6,3700	4575,1000	3	6,3700	705				
Certificate	NL0013145394	PHILP 32.4TS OPENB	EUR											
Certificate	NL0013015704	PHILP 32.4TS OPENB	EUR											
Certificate	NL0012648802	PHILP 32.5BON0619Z	EUR	34,2200	34,2200	34,2200			34,2200					
Certificate	LU1859714575	PHILP 33.8TPIOPENS	EUR											
Certificate	NL0013014574	PHILP 34.9TS OPENB	EUR	3,4400	3,8800	3,4400			3,8800					
Certificate	DE000CJ3PF96	PHILP 35.6TS OPENZ	EUR	0,4200	0,4200	0,4200			0,4200					
Certificate	NL0012649131	PHILP 36.5BOC0619Z	EUR	34,8650	34,8650	34,8650			34,8650					
Certificate	NL0013007024	PHILP 37.2BS OPENB	EUR	3,1500	3,5900	3,1500			3,5900					
Certificate	NL0013005986	PHILP 37.4TS OPENB	EUR	6,2200	6,6600	6,2200			6,6600					
Certificate	NL0012494611	PHILP 38.5BOC1218B	EUR	38,1600	38,1600	38,0900			38,0900					
Certificate	DE000CJ3N492	PHILP 38.6TS OPENZ	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0013004807	PHILP 39.2BS OPENB	EUR	5,1500	5,5900	5,1500			5,5900					
Certificate	NL0013004286	PHILP 39.9TS OPENB	EUR	8,9000	9,3400	8,9000	924,0000	1	9,3400	100				
Certificate	LU1757007148	PHILP 40.7TPIOPENS	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	NL0012784292	PHILP 42.4TS OPENB	EUR	11,5900	12,0300	11,5900			12,0300					
Certificate	NL0012787733	PHILP 44.9TS OPENB	EUR	14,2500	14,6900	14,2500			14,6900					
Certificate	NL0012985394	PHILP 47.3TS OPENB	EUR	16,8700	17,3100	16,8700			17,3100					
Certificate	NL0013003452	PHILP 49.8TS OPENB	EUR	19,5700	20,0100	19,5700			20,0100					
Certificate	NL0011039680	PHILP11.04TL OPENH	EUR	23,4200	23,4200	23,4200			23,4200					
Certificate	NL0011040407	PHILP13.16TL OPENH	EUR	21,4400	21,4400	21,4400			21,4400					
Certificate	NL0011039672	PHILP15.29TL OPENH	EUR	19,4600	19,4600	19,4600			19,4600					
Certificate	NL0011230495	PHILP17.37TL OPENH	EUR	17,5200	17,5200	17,5200			17,5200					
Certificate	NL0011039664	PHILP17.42TL OPENH	EUR	17,4800	17,4800	17,4800			17,4800					
Certificate	NL0011040381	PHILP18.48TL OPENH	EUR	16,4900	16,4900	16,4900			16,4900					
Certificate	DE000CF80SU2	PHILP19.13TL OPENC	EUR	16,6800	16,6800	16,6800			16,6800					
Certificate	NL0011602446	PHILP19.22TL OPENH	EUR	15,8000	15,8000	15,8000			15,8000					
Certificate	DE000CF04HN0	PHILP19.84TL OPENC	EUR	15,9400	15,9400	15,9400			15,9400					
Certificate	DE000CR9P4K9	PHILP19.95TL OPENZ	EUR	14,4850	14,4850	14,2950			14,2950					
Certificate	NL0011743448	PHILP19.96TL OPENH	EUR	15,1100	15,1100	15,1100			15,1100					
Certificate	NL0011650874	PHILP20.368L OPENB	EUR	14,1300	14,1300	13,6700			13,6700					
Certificate	DE000CC3ZGJ2	PHILP20.91TL OPENC	EUR	15,6600	15,6600	15,6600			15,6600					
Certificate	DE000CZ79W64	PHILP21.37TL OPENZ	EUR	12,5300	12,5300	12,3400			12,3400					
Certificate	DE000CD624M6	PHILP21.48TL OPENZ	EUR	12,9950	12,9950	12,8050			12,8050					
Certificate	NL0011927983	PHILP22.03TL OPENH	EUR	13,1900	13,1900	13,1900			13,1900					
Certificate	NL0011934872	PHILP23.07TL OPENH	EUR	12,2200	12,2200	12,2200			12,2200					
Certificate	DE000CD62N86	PHILP23.52TL OPENZ	EUR	11,0150	11,0150	10,8250			10,8250					
Certificate	NL0011916341	PHILP23.548L OPENB	EUR	10,9500	10,9500	10,4900			10,4900					
Certificate	DE000CD62LD6	PHILP24.35TL OPENZ	EUR	9,5500	9,5500	9,3700			9,3700					
Certificate	NL0011989389	PHILP24.61TL OPENH	EUR	10,7900	10,7900	10,7900			10,7900					
Certificate	NL0011990411	PHILP25.11TL OPENH	EUR	10,3200	10,3200	10,3200			10,3200					
Certificate	NL0011990403	PHILP25.63TL OPENH	EUR	9,8400	9,8400	9,8400			9,8400					
Certificate	DE000CD632F3	PHILP25.83TL OPENZ	EUR	8,0850	8,0850	7,8950			7,8950					
Certificate	NL0012057699	PHILP26.12TL OPENH	EUR	9,3800	9,3800	9,3800			9,3800					
Certificate	NL0012179048	PHILP26.65TL OPENH	EUR	8,9000	8,9000	8,9000			8,9000					
Certificate	NL0012113070	PHILP26.698L OPENB	EUR	7,8000	7,8000	7,3500			7,3500					
Certificate	NL0012197511	PHILP27.15TL OPENH	EUR	8,4300	8,4300	8,4300			8,4300					
Certificate	DE000CE6BR47	PHILP27.33TL OPENZ	EUR	6,5850	6,6000	6,3950	132,0000	1	6,3950	20				
Certificate	NL0012118061	PHILP27.748L OPENB	EUR	6,7600	6,7600	6,3000	1929,0000	1	6,3000	300				
Certificate	LU1840981135	PHILP28.15TCIOPENS	EUR	5,8400	5,8400	5,8400			5,8400					
Certificate	NL0012203046	PHILP28.19TL OPENH	EUR	7,4600	7,4600	7,4600			7,4600					
Certificate	NL0012121669	PHILP28.788L OPENB	EUR	5,7200	5,7200	5,2600	1355,0000	1	5,2600	250				
Certificate	DE000CE6C2C6	PHILP28.81TL OPENZ	EUR	5,4500	5,4500	4,9350	1328,5000	2	4,9350	250				
Certificate	LU1859832690	PHILP29.72TCIOPENS	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	NL0013014822	PHILP29.788L OPENB	EUR	4,7200	4,7200	4,2600			4,2600					
Certificate	NL0012604490	PHILP30.23TL OPENH	EUR	5,7500	5,7500	5,5600	1150,0000	1	5,5600	200				
Certificate	LU1841153106	PHILP30.67TCIOPENS	EUR	3,3500	3,3500	3,3500			3,3500					
Certificate	NL0013018393	PHILP30.788L OPENB	EUR	3,7200	3,7200	3,2600			3,2600					
Certificate	DE000CV88AL9	PHILP30.78TL OPENZ	EUR	0,6500	0,6500	0,6000	1910,0000	2	0,6000	3000				
Certificate	LU1859912534	PHILP31.58TCIOPENS	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	LU1859830728	PHILP32.75TPIOPENS	EUR											
Certificate	NL0013124589	PHILP33.19TS OPENH	EUR											
Certificate	NL0013015043	PHILP33.21BS OPENB	EUR											
Certificate	NL0013129778	PHILP34.19TS 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	LU1859714658	PHILP35.05TPIOPENS	EUR	1,4400	1,4400	1,4400			1,4400					
Certificate	NL0013015050	PHILP35.21BS OPENB	EUR	1,1600	1,6000	1,1600			1,6000					
Certificate	LU1840979667	PHILP36.36TPIOPENS	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0013079379	PHILP37.13TS OPENH	EUR	6,5300	6,5300	6,5300			6,5300					
Certificate	LU1840912320	PHILP37.76TPIOPENS	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	NL0012907158	PHILP38.86TS OPENH	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	NL0012930879	PHILP40.76TS OPENH	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	NL0012934798	PHILP40.85TS OPENH	EUR	10,5500	10,5500	10,5500			10,5500					
Certificate	NL0012784938	PHILP41.19BS OPENB	EUR	7,1400	7,5800	7,1400			7,5800					
Certificate	NL0012847180	PHILP41.48TS OPENH	EUR	11,2300	11,2300	11,2300			11,2300					
Certificate	DE000CV88GV5	PHILP42.07TS OPENZ	EUR	1,7000	1,7000	1,7000			1,7000					
Certificate	LU1817099101	PHILP42.28TPIOPENS	EUR	8,4600	8,4600	8,4600			8,4600					
Certificate	NL0012900336	PHILP43.02TS OPENH	EUR	12,9000	12,9000	12,9000			12,9000					
Certificate	NL0012790828	PHILP43.16BS OPENB	EUR	9,1100	9,5500	9,1100			9,5500					
Certificate	NL0012847172	PHILP43.46TS OPENH	EUR	13,3700	13,3700	13,3700			13,3700					
Certificate	NL0012984959	PHILP45.15BS OPENB	EUR	11,1000	11,5400	11,1000			11,5400					
Certificate	NL0012900039	PHILP46.01TS OPENH	EUR	16,1300	16,1300	16,1300			16,1300					
Certificate	DE000CV890Y6	PHILP47.07TS OPENZ	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0012997670	PHILP47.15BS OPENB	EUR	13,1000	13,5400	13,1000			13,5400					
Certificate	NL0012890800	PHILP47.88TS OPENH	EUR	18,1500	18,1500	18,1500			18,1500					
Certificate	DE000CR1JQ96	PHIMO70.02TL OPENZ	EUR	3,3400	3,3400	3,1100			3,1100					
Certificate	NL0000451870	PLATI PI OPENN	EUR	7,5300	7,5900	7,5300			7,5900					
Certificate	DE000CV8A7N6	PLATI 612TL OPENZ	EUR	2,3750	2,4000	2,3750			2,4000					
Certificate	NL0012989800	PLATI 623TL OPENB	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0012977946	PLATI 673TL OPENB	EUR	1,9900	2,0200	1,9900	4408,0000	2	2,0000	2200				
Certificate	DE000VAGD4M8	PLATI 684TL OPENV	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	DE000VASRJU4	PLATI 708TL OPENV	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	DE000CN6HPP8	PLATI 715TL OPENZ	EUR	1,4950	1,5200	1,4950	304,0000	1	1,5150	200				
Certificate	NL0011540257	PLATI 725TL OPENB	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	DE000VA3Z583	PLATI 732TL OPENV	EUR	1,5100	1,5100	1,4950	1510,0000	1	1,4950	1000				
Certificate	NL0012888895	PLATI 747TL OPENH	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0012888887	PLATI 757TL OPENH	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CN6HAR6	PLATI 757TL OPENZ	EUR	1,1300	1,1500	1,1300	226,0000	1	1,1500	200				
Certificate	DE000VASRJV2	PLATI 758TL OPENV	EUR	1,2950	1,2950	1,2950			1,2950					
Certificate	NL0012888879	PLATI 767TL OPENH	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0012999973	PLATI 776TL OPENB	EUR	1,1200	1,1600	1,1200	1277,0000	2	1,1400	1125				
Certificate	DE000VAGECUC5	PLATI 784TL OPENV	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	DE000VA3D895	PLATI 806TL OPENV	EUR											
Certificate	DE000CJ3N6F9	PLATI 807TL OPENZ	EUR	0,6850	0,7100	0,6850			0,7100					
Certificate	DE000VAG4Z31	PLATI 810TL OPENV	EUR	0,8750	0,8750	0,8750			0,8750					
Certificate	DE000VA3D9A5	PLATI 831TL OPENV	EUR											
Certificate	DE000VA87DL9	PLATI 837TL OPENV	EUR	0,6550	0,6550	0,6550			0,6550					
Certificate	DE000VA3D9B3	PLATI 856TL OPENV	EUR											
Certificate	DE000VA4YY66	PLATI 857TS OPENV	EUR											
Certificate	NL0012933667	PLATI 859TS OPENH	EUR											
Certificate	NL0012923429	PLATI 879TS OPENH	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	DE000VA3TKS7	PLATI 883TS OPENV	EUR	0,5150	0,5150	0,5150			0,5150					
Certificate	NL0012977953	PLATI 894TS OPENB	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	DE000CV8A7Q9	PLATI 894TS OPENZ	EUR	0,4750	0,4750	0,4600			0,4600					
Certificate	NL0012923411	PLATI 899TS OPENH	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000VA3K5K6	PLATI 908TS OPENV	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	NL0012923403	PLATI 919TS OPENH	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000VA2T9P6	PLATI 933TS OPENV	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	NL0012786511	PLATI 945TS OPENB	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000VA2T9Q4	PLATI 958TS OPENV	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	DE000VA87DJ3	PLATI 977TS OPENV	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	DE000CV8A7R7	PLATI 992TS OPENZ	EUR	1,3450	1,3450	1,3350			1,3350					
Certificate	NL0012021257	PLATI 1046TS OPENB	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000CD63A80	PLATI 1089TS OPENZ	EUR	2,2250	2,2250	2,2150			2,2150					
Certificate	NL0011050364	PLATI 1174TS OPENH	EUR	3,2500	3,2500	3,2500			3,2500					
Certificate	DE000CN6LBE4	PLATI 1197TS OPENZ	EUR	3,1900	3,1900	3,1800			3,1800					
Certificate	NL0011050356	PLATI 1213TS OPENH	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0011050349	PLATI 1287TS OPENH	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0010155727	PLATI 1552TL OPENA	EUR											
Certificate	DE000VA4YY82	PLATI 719.TL OPENV	EUR	1,3550	1,3550	1,3550			1,3550					
Certificate	DE000CV8B5S8	PLATI 800.TL OPENZ	EUR											
Certificate	DE000VA87DK1	PLATI 823.TL OPENV	EUR	0,4750	0,4750	0,4750			0,4750					
Certificate	DE000VAGD4N6	PLATI670.6TL OPENV	EUR	1,7950	1,7950	1,7950			1,7950					
Certificate	DE000VA3TKT5	PLATI742.8TL OPENV	EUR	1,0700	1,0850	1,0650	321,0000	1	1,0850	300				
Certificate	DE000VAGEBS1	PLATI770.9TL OPENV	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	DE000VAGEEU1	PLATI796.2TL OPENV	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000VA4YY58	PLATI860.7TS 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	DE000VA3TKR9	PLAT1887.3TS OPENV	EUR	0,1850	0,1850	0,1850			0,1850					
Certificate	DE000VA3KSJ8	PLAT1912.7TS OPENV	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	DE000VA1SSV0	PLAT1940.6TS OPENV	EUR	0,6250	0,6250	0,6250			0,6250					
Certificate	DE000VL9VUE6	PLAT1966.6TS OPENV	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000VA87DH7	PLAT1981.3TS OPENV	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	NL0012796742	PLATN LEVOPENZ	EUR	52,6800	53,3400	52,6800			53,3400					
Certificate	NL0012796767	PLATN SHROPENZ	EUR	37,4000	37,4000	37,1300			37,1300					
Certificate	NL0009067156	PORSC 20TL OPENB	EUR	4,7650	4,7650	4,7650			4,7650					
Certificate	NL0009992999	PORSC 29TL OPENB	EUR	3,1850	3,1850	3,1850			3,1850					
Certificate	NL0011438312	PORSC 32.9TL OPENB	EUR	2,9650	2,9650	2,8050			2,8050					
Certificate	NL0012020812	PORSC 42.3TL OPENB	EUR	2,0850	2,0850	1,9250			1,9250					
Certificate	NL0012038780	PORSC 45.4TL OPENB	EUR	1,7950	1,7950	1,6450			1,6450					
Certificate	NL0012494421	PORSC 48.4TL OPENB	EUR	1,5150	1,5150	1,3650	1758,9000	1	1,3650	1230				
Certificate	NL0013019144	PORSC 51.4TL OPENB	EUR	1,2350	1,2350	1,0850			1,0850					
Certificate	NL0013018187	PORSC 53.9TS OPENB	EUR											
Certificate	NL0013008006	PORSC 58.9TS OPENB	EUR											
Certificate	NL0012973168	PORSC 63.8TS OPENB	EUR	0,8850	1,0350	0,8850			1,0350					
Certificate	NL0012697221	PORSC 78.6TS OPENB	EUR	2,4750	2,6250	2,4750			2,6250					
Certificate	NL0013016504	PORSC36.13BL OPENB	EUR	2,4800	2,4800	2,3200			2,3200					
Certificate	DE000CN6EZT6	PORSC36.86TL OPENZ	EUR	2,1500	2,2000	2,1500			2,2000					
Certificate	DE000CN6KAM1	PORSC40.88TL OPENZ	EUR	1,7500	1,8000	1,7500			1,8000					
Certificate	NL0012998579	PORSC41.14BL OPENB	EUR	1,9800	1,9800	1,8200			1,8200					
Certificate	NL0012998587	PORSC46.15BL OPENB	EUR	1,4700	1,4700	1,3200			1,3200					
Certificate	DE000CD63V44	PORSC46.34TL OPENZ	EUR	1,2000	1,3500	1,2000	987,5000	2	1,2500	750				
Certificate	NL0013018781	PORSC51.15BL OPENB	EUR	0,9700	0,9700	0,8200			0,8200					
Certificate	DE000CI3PQY4	PORSC51.33TL OPENZ	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	NL0013017742	PORSC52.77BS OPENB	EUR											
Certificate	NL0013007735	PORSC57.75BS OPENB	EUR											
Certificate	NL0012998603	PORSC62.73BS OPENB	EUR	0,3200	0,4800	0,3200			0,4800					
Certificate	NL0012998611	PORSC67.71BS OPENB	EUR	0,8200	0,9800	0,8200			0,9800					
Certificate	NL0012795900	POST LEVOPENZ	EUR											
Certificate	NL0012795942	POST SHROPENZ	EUR											
Certificate	DE000VA7PVF0	POST 3TS 0319V	EUR	0,4400	0,4400	0,4350	88,0000	1	0,4350	200				
Certificate	DE000VA7PVJ2	POST 3TS 1218V	EUR											
Certificate	NL0010010567	POST 0.7TL OPENB	EUR	1,9850	1,9850	1,9850			1,9850					
Certificate	NL0010009080	POST 0.9TL OPENB	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	NL0010438750	POST 1.5TL OPENB	EUR	1,3600	1,3600	1,3250	272,0000	1	1,3250	200				
Certificate	DE000VA8FX58	POST 2.2TL 0319V	EUR											
Certificate	DE000VA71T55	POST 2.3TL 0319V	EUR											
Certificate	DE000VA8FX33	POST 2.3TL 1218V	EUR											
Certificate	DE000VA71MT7	POST 2.4TL 0319V	EUR											
Certificate	DE000VA71T48	POST 2.4TL 1218V	EUR											
Certificate	DE000VA80G91	POST 2.5TL 0319V	EUR											
Certificate	DE000VA80G67	POST 2.5TL 1218V	EUR											
Certificate	DE000VA8F592	POST 2.5TS 0319V	EUR											
Certificate	DE000VA8F6A4	POST 2.5TS 1218V	EUR											
Certificate	DE000VA8FR72	POST 2.6TS 0319V	EUR											
Certificate	DE000VA8FR80	POST 2.6TS 1218V	EUR											
Certificate	DE000VA71MB5	POST 2.7TS 0319V	EUR											
Certificate	DE000VA71MU5	POST 2.7TS 1218V	EUR											
Certificate	DE000VA71MD1	POST 2.8TS 0319V	EUR											
Certificate	DE000VA71MW1	POST 2.8TS 1218V	EUR											
Certificate	DE000VA71MG4	POST 2.9TS 0319V	EUR											
Certificate	NL0012795298	POST 3.1BON0319Z	EUR											
Certificate	DE000VA7PS21	POST 3.1TS 0319V	EUR											
Certificate	DE000VA7PS62	POST 3.1TS 1218V	EUR											
Certificate	NL0012795397	POST 3.2BON0319Z	EUR	2,9100	2,9100	2,9100	2328,0000	1	2,9100	800				
Certificate	NL0012795389	POST 3.2BON1218Z	EUR											
Certificate	DE000VA7PS39	POST 3.2TS 0319V	EUR											
Certificate	DE000VA64Y57	POST 3.2TS 1218V	EUR											
Certificate	NL0012796445	POST 3.3BON1219Z	EUR											
Certificate	NL0012796205	POST 3.3BON0619Z	EUR											
Certificate	NL0012796213	POST 3.3BON1219Z	EUR											
Certificate	DE000VA6T258	POST 3.3TS 1218V	EUR											
Certificate	NL0012795710	POST 3.4BON0919Z	EUR											
Certificate	DE000VA6D7Q2	POST 3.4TS 1218V	EUR											
Certificate	DE000VA3Z2B8	POST 3.5TS 1218V	EUR											
Certificate	NL0012796221	POST 3.6BON1219Z	EUR											
Certificate	DE000VA3Z2R8	POST 3.6TS 1218V	EUR											
Certificate	DE000VA4YR65	POST 3.7TS 1218V	EUR											
Certificate	NL0010376455	POST 1.18TL OPENB	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	NL0010887642	POST 1.71TL OPENB	EUR	1,1050	1,1050	1,1050			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	NL0010443503	POST 1.72TL OPENB	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	NL0013014343	POST 1.918L OPENB	EUR	0,7750	0,7800	0,7750	1560,0000	1	0,7750	2000				
Certificate	NL0010887659	POST 2.077L OPENB	EUR	0,7850	0,8100	0,7800	7552,8600	5	0,7850	9612				
Certificate	LU1840981564	POST 2.14TCIOPENS	EUR	0,5900	0,5900	0,5900			0,5900					
Certificate	NL0010658993	POST 2.21TL OPENB	EUR	0,7500	0,7500	0,7200	3825,0000	1	0,7200	5100				
Certificate	NL0010875464	POST 2.33TL OPENB	EUR	0,5550	0,5800	0,5550	11734,3000	4	0,5550	20235				
Certificate	DE000CN6FQ54	POST 2.33TL OPENZ	EUR	0,3050	0,3500	0,3000	11022,1500	14	0,3200	34455				
Certificate	LU1841030445	POST 2.38TCIOPENS	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CJ3PTJ9	POST 2.43TL OPENZ	EUR	0,2600	0,2600	0,2200	17728,0000	12	0,2300	75200				
Certificate	DE000CJ3PU55	POST 2.53TL OPENZ	EUR											
Certificate	DE000CJ3PVU2	POST 2.53TL OPENZ	EUR											
Certificate	DE000VA71TE4	POST 2.67TS OPENV	EUR											
Certificate	NL0013011026	POST 2.72TS OPENB	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	DE000VA7TGB2	POST 2.77TS OPENV	EUR											
Certificate	DE000VA7TGC0	POST 2.87TS OPENV	EUR											
Certificate	NL0013110281	POST 2.88BOC0619Z	EUR											
Certificate	NL0013005630	POST 2.96TS OPENB	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	DE000VA7TGD8	POST 2.97TS OPENV	EUR											
Certificate	NL0013110299	POST 3.06BOC0919Z	EUR											
Certificate	DE000VA7TGE6	POST 3.07TS OPENV	EUR											
Certificate	DE000VA7TGF3	POST 3.17TS OPENV	EUR											
Certificate	NL0013002991	POST 3.21TS OPENB	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	NL0013110307	POST 3.24BOC1219Z	EUR	2,6500	2,6500	2,6500	2650,0000	2	2,6500	1000				
Certificate	NL0012691026	POST 3.46TS OPENB	EUR	1,2250	1,2250	1,2250			1,2250					
Certificate	NL0012796056	POST 3.52BON0919Z	EUR											
Certificate	NL0012683429	POST 3.71TS OPENB	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	LU1790493339	POST 3.85TPIOPENS	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	NL0011089560	POST 4.69TS OPENB	EUR	2,7350	2,7350	2,7350			2,7350					
Certificate	DE000CJ3PFU5	POST 1.571TL OPENZ	EUR											
Certificate	DE000CV8AWU5	POST 1.768TL OPENZ	EUR											
Certificate	DE000CV8AUG8	POST 1.969TL OPENZ	EUR	0,6700	0,7000	0,6700	1139,5400	4	0,6900	1662				
Certificate	DE000CJ3PFV3	POST 2.071TL OPENZ	EUR											
Certificate	NL0013008758	POST 2.1098L OPENB	EUR	0,5750	0,6200	0,5750	1520,0000	2	0,5750	2500				
Certificate	DE000CN6FUK3	POST 2.173TL OPENZ	EUR	0,4650	0,4900	0,4600	5370,0000	6	0,4700	11500				
Certificate	DE000VA71TF1	POST 2.223TL OPENV	EUR											
Certificate	DE000CF3AQM5	POST 2.297TL OPENC	EUR	0,6600	0,6600	0,6000	3330,0000	3	0,6400	5250				
Certificate	NL0013004716	POST 2.3098L OPENB	EUR	0,3650	0,4000	0,3650	9475,7100	14	0,3650	23733				
Certificate	DE000VA7TGG1	POST 2.323TL OPENV	EUR											
Certificate	DE000VA7TGH9	POST 2.423TL OPENV	EUR											
Certificate	DE000VA80FP0	POST 2.525TL OPENV	EUR											
Certificate	DE000VA8FT13	POST 2.569TS OPENV	EUR											
Certificate	NL0013015068	POST 2.5868S OPENB	EUR											
Certificate	DE000CJ3PFW1	POST 2.688TS OPENZ	EUR											
Certificate	NL0013007032	POST 2.8858S OPENB	EUR	0,3250	0,3250	0,3150			0,3150					
Certificate	DE000CJ3N5B0	POST 2.885TS OPENZ	EUR											
Certificate	DE000CJ3NZS2	POST 3.133TS OPENZ	EUR											
Certificate	NL0013003692	POST 3.1858S OPENB	EUR	0,6250	0,6250	0,6150			0,6150					
Certificate	DE000VA6T2N2	POST 3.273TS OPENV	EUR											
Certificate	DE000CV89NF2	POST 3.378TS OPENZ	EUR											
Certificate	DE000VA3TES0	POST 3.465TS OPENV	EUR											
Certificate	NL0012998249	POST 3.4848S OPENB	EUR	0,9250	0,9250	0,9150			0,9150					
Certificate	DE000CV8AUk0	POST 3.575TS OPENZ	EUR											
Certificate	DE000VL76LU3	POST 3.762TS OPENV	EUR											
Certificate	DE000VAGEDH0	POST 3.776TS OPENV	EUR											
Certificate	NL0012998256	POST 3.7838S OPENB	EUR	1,2250	1,2250	1,2150			1,2150					
Certificate	DE000VL76LV1	POST 3.862TS OPENV	EUR											
Certificate	DE000VL76DP0	POST 3.967TS OPENV	EUR											
Certificate	DE000VN66NU6	POST 4.606TS OPENV	EUR											
Certificate	NL0012976492	PROX 15.8TL OPENB	EUR	8,3250	8,3250	7,9050			7,9050					
Certificate	NL0012971253	PROX 17.2TL OPENB	EUR	7,0050	7,0050	6,5850			6,5850					
Certificate	DE000CD63765	PROX 18.6TL OPENZ	EUR	4,6400	4,6400	4,1150			4,1150					
Certificate	NL0012790505	PROX 18.8TL OPENB	EUR	5,5750	5,5750	5,1550			5,1550					
Certificate	NL0013007883	PROX 20.4TL OPENB	EUR	4,1150	4,1150	3,6950			3,6950					
Certificate	NL0013015407	PROX 21.9TL OPENB	EUR	2,6350	2,6350	2,2150			2,2150					
Certificate	NL0013000763	PROX 24.1TS OPENB	EUR	3,1450	3,5250	3,1450			3,5250					
Certificate	NL0013012289	PROX 25.6TS OPENB	EUR	4,7050	5,0850	4,7050			5,0850					
Certificate	NL0012695548	PROX 27.2TS OPENB	EUR	6,4450	6,8250	6,4450			6,8250					
Certificate	DE000CJ3NS69	PROX 12.58TL OPENZ	EUR	10,1200	10,1200	10,1200			10,1200					
Certificate	DE000CV89G58	PROX 16.59TL OPENZ	EUR	6,1100	6,1100	6,1100			6,1100					
Certificate	DE000CJ3N229	PROX 20.59TL OPENZ	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	DE000CJ3N4M0	PRU 10.72TL OPENZ	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CV87TG1	PRU 12.73TL OPENZ	EUR	0,8000	0,8000	0,8000			0,8000					



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	DE000CJ3PQL1	PRU 14.23TL OPENZ	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	DE000CV4YXX6	PRU 14.75TL OPENZ	EUR											
Certificate	DE000CD61QU1	PSI20 3467TL OPENZ	EUR	16,0700	16,0700	15,1100				15,1100				
Certificate	DE000CN6HNE7	PSI20 3775TL OPENZ	EUR	12,9900	12,9900	12,0300				12,0300				
Certificate	DE000CR6XM14	PSI20 4087TL OPENZ	EUR	9,8700	9,8700	8,9100				8,9100				
Certificate	DE000CE6BFN8	PSI20 4388TL OPENZ	EUR	6,8600	6,8600	5,9000				5,9000				
Certificate	DE000CE6C6Q7	PSI20 4687TL OPENZ	EUR	3,8750	3,8750	2,9150				2,9150				
Certificate	DE000CJ3PNP9	PSI20 5308TS OPENZ	EUR	2,4850	3,4350	2,4850				3,4350				
Certificate	DE000CE6CSX8	PSI20 5706TS OPENZ	EUR	6,4500	7,4100	6,4500				7,4100				
Certificate	DE000CE6EYF9	PSI20 6103TS OPENZ	EUR	10,4200	11,3800	10,4200				11,3800				
Certificate	DE000CV4ZC42	PSI20 6499TS OPENZ	EUR	14,3900	15,3400	14,3900				15,3400				
Certificate	NL0012788848	PSMG 28.8TS OPENB	EUR	1,1550	1,1550	1,1250				1,1250				
Certificate	DE000CJ3PL64	PSMG 13.07TL OPENZ	EUR	0,7750	0,7750	0,7750				0,7750				
Certificate	DE000CV89QY6	PSMG 15.08TL OPENZ	EUR	0,5750	0,5750	0,5750				0,5750				
Certificate	NL0013015399	PSMG 17.02TL OPENB	EUR	0,5050	0,5250	0,5050				0,5250				
Certificate	DE000CV89C11	PSMG 17.11TL OPENZ	EUR	0,3750	0,3750	0,3750				0,3750				
Certificate	NL0012976914	PSMG 18.52TL OPENB	EUR	0,3650	0,3850	0,3650				0,3850				
Certificate	DE000CE6FJG5	PSMG 19.14TL OPENZ	EUR	0,1750	0,1750	0,1750				0,1750				
Certificate	NL0013010226	PSMG 22.91TS OPENB	EUR	0,4950	0,4950	0,4750				0,4750				
Certificate	NL0012794663	PSMG 25.86TS OPENB	EUR	0,8250	0,8250	0,8050				0,8050				
Certificate	NL0012685705	PSMG 31.72TS OPENB	EUR	1,4750	1,4750	1,4550				1,4550				
Certificate	DE000CJ3N815	PST 4.44TL OPENZ	EUR	2,3300	2,3300	2,3300				2,3300				
Certificate	DE000CV8AUT1	PST 5.24TL OPENZ	EUR	1,5800	1,5800	1,5800				1,5800				
Certificate	DE000CJ3PWD6	PST 6.05TL OPENZ	EUR	0,7900	0,7900	0,7900				0,7900				
Certificate	DE000CV4YXP2	PUBLI 44.8TL OPENZ	EUR	0,7600	0,7600	0,7600				0,7600				
Certificate	DE000CV87W35	PUBLI39.75TL OPENZ	EUR	1,2600	1,2600	1,2600				1,2600				
Certificate	NL0009863422	QUALC 34.8TL OPENB	EUR	2,6700	2,6700	2,6700				2,6700				
Certificate	NL0012020440	QUALC 85.4TS OPENB	EUR	2,6450	2,6450	2,6450				2,6450				
Certificate	DE000CE6BQT2	RANDS LEVOPENZ	EUR	11,0300	11,0300	10,8550				10,8550				
Certificate	NL0012796049	RANDS SHROPENZ	EUR	61,0400	61,0400	61,0400				61,0400				
Certificate	NL0011906706	RANDS 32TL OPENB	EUR	16,0150	16,0150	15,1450				15,1450				
Certificate	DE000CP07A36	RANDS 32TL OPENC	EUR	1,4200	1,4200	1,4200				1,4200				
Certificate	DE000CP06WZ7	RANDS 32TL OPENC	EUR	1,2500	1,2500	1,2500				1,2500				
Certificate	DE000VA8FU93	RANDS 38TL 0319V	EUR	0,6550	0,6550	0,6550				0,6550				
Certificate	DE000VA71NB3	RANDS 39TL 0319V	EUR	0,5550	0,5550	0,5550				0,5550				
Certificate	DE000VA71ND9	RANDS 40TL 0319V	EUR	0,4550	0,4550	0,4550				0,4550				
Certificate	DE000VA71T89	RANDS 40TL 1218V	EUR	0,4450	0,4450	0,4450				0,4450				
Certificate	DE000CP06X06	RANDS 40TL OPENC	EUR	0,4500	0,4500	0,4500				0,4500				
Certificate	DE000CP07A44	RANDS 40TL OPENC	EUR	0,6700	0,6700	0,6700				0,6700				
Certificate	DE000VA8F1A5	RANDS 41TL 0319V	EUR	0,3650	0,3650	0,3650				0,3650				
Certificate	DE000VA8F097	RANDS 41TL 1218V	EUR	0,3550	0,3550	0,3550				0,3550				
Certificate	DE000VA8F6C0	RANDS 42TL 0319V	EUR	0,2750	0,2750	0,2750				0,2750				
Certificate	DE000VA8F6B2	RANDS 42TL 1218V	EUR	0,2650	0,2650	0,2650				0,2650				
Certificate	DE000VA80HC4	RANDS 43TL 0319V	EUR											
Certificate	DE000VA80HA8	RANDS 43TL 1218V	EUR											
Certificate	DE000VA8FU44	RANDS 44TS 0319V	EUR											
Certificate	DE000VA8FVB8	RANDS 44TS 1218V	EUR											
Certificate	DE000VA71M11	RANDS 45TS 0319V	EUR											
Certificate	DE000VA71NH0	RANDS 45TS 1218V	EUR											
Certificate	DE000CP06X14	RANDS 45TS OPENC	EUR											
Certificate	DE000VA71M52	RANDS 46TS 0319V	EUR	0,2550	0,2550	0,2550				0,2550				
Certificate	DE000VA71NM0	RANDS 46TS 1218V	EUR	0,2450	0,2450	0,2450				0,2450				
Certificate	DE000VA7PVK0	RANDS 47TS 0319V	EUR	0,3450	0,3450	0,3450				0,3450				
Certificate	DE000VA64XQ5	RANDS 47TS 1218V	EUR	0,3350	0,3350	0,3350				0,3350				
Certificate	LU1840912593	RANDS 48TPIOPENS	EUR	4,2300	4,2300	4,2300				4,2300				
Certificate	DE000VA7PS70	RANDS 48TS 0319V	EUR	0,4350	0,4350	0,4350				0,4350				
Certificate	DE000VA6T274	RANDS 48TS 1218V	EUR	0,4250	0,4250	0,4250				0,4250				
Certificate	DE000CP06X22	RANDS 48TS OPENC	EUR	0,4400	0,4400	0,4400				0,4400				
Certificate	DE000CP07A69	RANDS 48TS OPENC	EUR	0,7000	0,7000	0,7000				0,7000				
Certificate	DE000VA7PS88	RANDS 49TS 0319V	EUR	0,5350	0,5350	0,5350				0,5350				
Certificate	NL0012796239	RANDS 50BON0619Z	EUR	45,3600	45,3600	45,3600				45,3600				
Certificate	NL0012796247	RANDS 50BON0919Z	EUR	44,8100	44,8100	44,8100				44,8100				
Certificate	NL0012796254	RANDS 50BON1219Z	EUR	44,3600	44,3600	44,3600				44,3600				
Certificate	DE000VA7PS96	RANDS 50TS 0319V	EUR	0,6350	0,6350	0,6350				0,6350				
Certificate	DE000VA6TYE1	RANDS 50TS 1218V	EUR	0,5650	0,5650	0,5650				0,5650				
Certificate	NL0013003262	RANDS 51BOC0919B	EUR	45,4800	45,4800	44,8100				44,8100				
Certificate	NL0012796312	RANDS 51BOC1219Z	EUR	44,9900	44,9900	44,9900				44,9900				
Certificate	DE000VA7PTA5	RANDS 51TS 0319V	EUR	0,7350	0,7350	0,7350				0,7350				
Certificate	DE000VA6EE39	RANDS 51TS 1218V	EUR	0,6650	0,6650	0,6650				0,6650				
Certificate	DE000CQ5A7Z3	RANDS 52TL OPENC	EUR											
Certificate	DE000CY52J55	RANDS 52TL OPENC	EUR											
Certificate	DE000VA6EER7	RANDS 52TS 1218V	EUR	0,7650	0,7650	0,7650				0,7650				



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	DE000VA6D5L7	RANDS 54TS 1218V	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000C058ZA1	RANDS 56TS OPENC	EUR	1,2400	1,2400	1,2400			1,2400					
Certificate	DE000VA4RNE3	RANDS 57TS 1218V	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	NL0012676274	RANDS 60BOC1218B	EUR	45,6100	45,6100	44,7700			44,7700					
Certificate	DE000VA5ELZ7	RANDS 60TS 1218V	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000VLSR897	RANDS 62TS OPENV	EUR	1,4250	1,4250	1,4250			1,4250					
Certificate	DE000VLSR9A4	RANDS 64TS OPENV	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	NL0010011979	RANDS 10.9TL OPENB	EUR	34,3950	34,3950	34,3950			34,3950					
Certificate	NL0010283974	RANDS 19.7TL OPENB	EUR	26,3850	26,3850	26,3850			26,3850					
Certificate	NL0012366298	RANDS 21.4TL OPENH	EUR	25,6200	25,6200	24,6500			24,6500					
Certificate	NL0010379558	RANDS 22.6TL OPENB	EUR	23,7050	23,7050	23,7050			23,7050					
Certificate	NL0010887717	RANDS 23.3TL OPENB	EUR	23,9350	23,9350	23,0650			23,0650					
Certificate	NL0011230503	RANDS 25.6TL OPENH	EUR	21,8100	21,8100	20,8400			20,8400					
Certificate	NL0010893673	RANDS 26.2TL OPENB	EUR	21,2750	21,2750	20,4050			20,4050					
Certificate	NL0010901682	RANDS 27.3TL OPENB	EUR	20,3150	20,3150	19,4450			19,4450					
Certificate	NL0011905336	RANDS 28.9TL OPENB	EUR	18,8350	18,8350	17,9650			17,9650					
Certificate	NL0011912175	RANDS 33.6TL OPENB	EUR	14,5250	14,5250	13,6550			13,6550					
Certificate	NL0011916085	RANDS 35.2TL OPENB	EUR	13,1350	13,1350	12,2650			12,2650					
Certificate	NL0012021182	RANDS 36.7TL OPENB	EUR	11,7250	11,7250	10,8550			10,8550					
Certificate	NL0012022834	RANDS 38.3TL OPENB	EUR	10,3150	10,3150	9,4450	11266,2500	2	9,4450	1125				
Certificate	NL0012021893	RANDS 38.8BL OPENB	EUR	6,7850	6,7850	5,9150			5,9150					
Certificate	NL0013016512	RANDS 39.8BL OPENB	EUR	5,8150	5,8150	4,9450			4,9450					
Certificate	NL0012025654	RANDS 39.9TL OPENB	EUR	8,8450	8,8450	7,9750			7,9750					
Certificate	NL0013018088	RANDS 41.4TL OPENB	EUR	7,4550	7,4550	6,5850			6,5850					
Certificate	NL0013145980	RANDS 42.9TL OPENB	EUR	6,0950	6,0950	5,2250			5,2250					
Certificate	NL0013010234	RANDS 45.3TS OPENB	EUR											
Certificate	DE000VA64X25	RANDS 47.2TS OPENV	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	NL0013003007	RANDS 47.3TS OPENB	EUR	7,5550	8,3450	7,5550			8,3450					
Certificate	DE000VAGT2R3	RANDS 48.2TS OPENV	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	NL0013001993	RANDS 49.3TS OPENB	EUR	9,7550	10,5450	9,7550			10,5450					
Certificate	NL0013000144	RANDS 50.7TS OPENB	EUR	11,3750	12,1650	11,3750			12,1650					
Certificate	NL0012648448	RANDS 55.2BOC1218Z	EUR	53,6100	53,6100	53,6100			53,6100					
Certificate	NL0012494629	RANDS 56.5BOC1218B	EUR	54,1200	54,1200	53,1700			53,1700					
Certificate	NL0012696876	RANDS 56.8TS OPENB	EUR	18,0550	18,8450	18,0550			18,8450					
Certificate	NL0012365449	RANDS 73.5TS OPENH	EUR	36,6600	37,6400	36,6600			37,6400					
Certificate	NL0012366306	RANDS12.21TL OPENH	EUR	33,9700	33,9700	33,0100			33,0100					
Certificate	NL0011721857	RANDS16.95TL OPENH	EUR	29,6600	29,6600	28,7000			28,7000					
Certificate	NL0011904297	RANDS25.48BL OPENB	EUR	20,1350	20,1350	19,2650			19,2650					
Certificate	NL0010901500	RANDS26.54BL OPENB	EUR	19,0350	19,0350	18,1650			18,1650					
Certificate	DE000CJ3NUG8	RANDS27.96TL OPENZ	EUR	3,2450	3,2450	3,2450			3,2450					
Certificate	NL0010901518	RANDS28.22BL OPENB	EUR	17,3650	17,3650	16,4950			16,4950					
Certificate	NL0011927009	RANDS29.47TL OPENH	EUR	18,2800	18,2800	17,3200			17,3200					
Certificate	NL0011926985	RANDS31.55TL OPENH	EUR	16,4000	16,4000	15,4300			15,4300					
Certificate	NL0011927991	RANDS32.58TL OPENH	EUR	15,4600	15,4600	14,4900			14,4900					
Certificate	DE000CD624N4	RANDS32.79TL OPENZ	EUR	12,7200	12,7200	12,5700			12,5700					
Certificate	DE000CJ3N526	RANDS32.88TL 1218Z	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	DE000CD625J9	RANDS33.97TL OPENZ	EUR	10,3900	10,3900	10,2500			10,2500					
Certificate	NL0011934161	RANDS34.66TL OPENH	EUR	13,5700	13,5700	12,6000			12,6000					
Certificate	LU1840981648	RANDS34.71TCIOPENS	EUR	9,9600	9,9600	9,9600			9,9600					
Certificate	DE000CD62KD8	RANDS35.87TL OPENZ	EUR	9,7500	9,7500	9,6000			9,6000					
Certificate	DE000CJ3N534	RANDS35.88TL 1218Z	EUR	1,6850	1,6850	1,6850			1,6850					
Certificate	DE000CD62874	RANDS36.45TL OPENZ	EUR	7,9300	7,9300	7,7900			7,7900					
Certificate	DE000VA8FT47	RANDS36.66TL OPENV	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	NL0011917349	RANDS36.69BL OPENB	EUR	8,9150	8,9150	8,0450			8,0450					
Certificate	NL0011979406	RANDS36.71TL OPENH	EUR	11,7000	11,7000	10,7300			10,7300					
Certificate	DE000VA7TGN7	RANDS37.67TL OPENV	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	NL0011979851	RANDS37.74TL OPENH	EUR	10,7600	10,7600	9,8000			9,8000					
Certificate	NL0012021380	RANDS37.75BL OPENB	EUR	7,8650	7,8650	6,9950			6,9950					
Certificate	DE000VA7TGP2	RANDS38.67TL OPENV	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	NL0011988985	RANDS38.76TL OPENH	EUR	9,8200	9,8200	8,8700	49100,0000	1	8,8700	5000				
Certificate	DE000CJ3NSX7	RANDS38.88TL 1218Z	EUR	1,0850	1,0850	1,0850			1,0850					
Certificate	DE000CX59GM1	RANDS38.94TL OPENC	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CD639K8	RANDS39.42TL OPENZ	EUR	4,9800	4,9800	4,8400			4,8400					
Certificate	DE000VA64X33	RANDS39.68TL OPENV	EUR	0,4650	0,4650	0,4650			0,4650					
Certificate	NL0011989793	RANDS39.78TL OPENH	EUR	8,9100	8,9100	7,9400			7,9400					
Certificate	LU1817373365	RANDS40.11TCIOPENS	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000VA8FZT1	RANDS40.73TL OPENV	EUR	0,3650	0,3650	0,3650			0,3650					
Certificate	NL0013017601	RANDS40.79BL OPENB	EUR	4,8150	4,8150	3,9450			3,9450					
Certificate	NL0011990429	RANDS40.81TL OPENH	EUR	7,9800	7,9800	7,0100			7,0100					
Certificate	LU1859834712	RANDS41.05TCIOPENS	EUR											
Certificate	DE000VA8F5X8	RANDS41.74TL OPENV	EUR	0,2650	0,2650	0,2650			0,2650					
Certificate	NL0013127541	RANDS41.78TL OPENH	EUR	7,1000	7,1000	6,1300			6,1300					



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	NL0013018401	RANDS41.79BL OPENB	EUR	3,8250	3,8250	2,9550			2,9550					
Certificate	LU1859904788	RANDS42.33TCIOPENS	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000VA80FQ8	RANDS42.74TL OPENV	EUR											
Certificate	NL0013146517	RANDS42.79BL OPENB	EUR	2,8250	2,8250	1,9550			1,9550					
Certificate	LU1859833821	RANDS43.677PIOPENS	EUR											
Certificate	DE000VA80FR6	RANDS43.74TL OPENV	EUR											
Certificate	DE000VA8FT21	RANDS44.14TS OPENV	EUR											
Certificate	NL0013018922	RANDS44.18BS OPENB	EUR											
Certificate	NL0013016736	RANDS44.19BS OPENB	EUR											
Certificate	LU1840979824	RANDS45.127PIOPENS	EUR											
Certificate	DE000VA7TGJ5	RANDS45.16TS OPENV	EUR											
Certificate	NL0013009046	RANDS45.18BS OPENB	EUR											
Certificate	NL0013085186	RANDS45.72TS OPENH	EUR	5,7900	6,7700	5,7900				6,7700				
Certificate	DE000VA7TGL1	RANDS46.16TS OPENV	EUR	0,2250	0,2250	0,2250				0,2250				
Certificate	NL0013009053	RANDS46.17BS OPENB	EUR	1,6850	2,4750	1,6850				2,4750				
Certificate	NL0013002652	RANDS47.16BS OPENB	EUR	2,6850	3,4750	2,6850				3,4750				
Certificate	NL0012905202	RANDS47.58TS OPENH	EUR	7,8600	8,8400	7,8600				8,8400				
Certificate	NL0013002223	RANDS48.14BS OPENB	EUR	3,6650	4,5850	3,6650	765,0000	2	4,4550	180				
Certificate	DE000CJ3N5C8	RANDS48.96TS OPENZ	EUR	1,0150	1,0150	1,0150				1,0150				
Certificate	DE000VA321A6	RANDS49.12TL OPENV	EUR											
Certificate	NL0013001753	RANDS49.14BS OPENB	EUR	4,6550	5,4450	4,6550				5,4450				
Certificate	NL0013000516	RANDS49.44BS OPENB	EUR	4,9650	5,7550	4,9650				5,7550				
Certificate	NL0012902407	RANDS49.68TS OPENH	EUR	10,1900	11,1700	10,1900				11,1700				
Certificate	DE000VA6TXY1	RANDS49.91TS OPENV	EUR	0,5250	0,5250	0,5250				0,5250				
Certificate	LU1817382788	RANDS50.167PIOPENS	EUR	6,3800	6,3800	6,3800				6,3800				
Certificate	NL0012999916	RANDS50.43BS OPENB	EUR	5,9550	6,7450	5,9550				6,7450				
Certificate	DE000VAGEEY3	RANDS50.91TS OPENV	EUR	0,6250	0,6250	0,6250				0,6250				
Certificate	NL0012901177	RANDS51.66TS OPENH	EUR	12,3900	13,3800	12,3900				13,3800				
Certificate	DE000VAGEEZ0	RANDS51.91TS OPENV	EUR	0,7250	0,7250	0,7250				0,7250				
Certificate	NL0012996177	RANDS52.42BS OPENB	EUR	7,9350	8,7250	7,9350				8,7250				
Certificate	LU1817291633	RANDS52.547PIOPENS	EUR	8,7500	8,7500	8,7500				8,7500				
Certificate	DE000VAD67S8	RANDS52.95TS OPENV	EUR	0,8150	0,8150	0,8150				0,8150				
Certificate	NL0012898050	RANDS53.63TS OPENH	EUR	14,5800	15,5600	14,5800				15,5600				
Certificate	NL0012976658	RANDS54.25B0C0619B	EUR	48,1800	48,1800	47,2900				47,2900				
Certificate	DE000CJ3NMJ9	RANDS54.45TS OPENZ	EUR	2,1050	2,1050	2,1050				2,1050				
Certificate	LU1790569179	RANDS54.467PIOPENS	EUR	10,6800	10,6800	10,6800				10,6800				
Certificate	DE000VAD64U1	RANDS54.95TS OPENV	EUR	1,0150	1,0150	1,0150				1,0150				
Certificate	NL0012697015	RANDS55.38BS OPENB	EUR	10,8950	11,6850	10,8950				11,6850				
Certificate	NL0011241484	RANDS56.08TS OPENH	EUR	17,3000	18,2900	17,3000				18,2900				
Certificate	NL0012793053	RANDS56.65B0C1218B	EUR	45,6000	45,6000	44,7600				44,7600				
Certificate	DE000CR9R8F8	RANDS56.77TS OPENZ	EUR	14,9700	15,1200	14,9700				15,1200				
Certificate	NL0012648455	RANDS57.17B0C0619Z	EUR	51,3750	51,3750	51,3750				51,3750				
Certificate	NL0012699144	RANDS57.34BS OPENB	EUR	12,8650	13,6550	12,8650				13,6550				
Certificate	DE000CE6BKY5	RANDS59.44TS OPENZ	EUR	3,0750	3,1050	3,0750				3,1050				
Certificate	NL0011230073	RANDS59.65TS OPENH	EUR	21,2600	22,2500	21,2600				22,2500				
Certificate	DE000VN66N53	RANDS60.89TS OPENV	EUR	1,5150	1,5150	1,5150				1,5150				
Certificate	DE000VN66N12	RANDS60.89TS OPENV	EUR	1,2150	1,2150	1,2150				1,2150				
Certificate	NL0012601033	RANDS62.54TS OPENH	EUR	24,4800	25,4700	24,4800				25,4700				
Certificate	NL0012602791	RANDS62.57TS OPENH	EUR	24,5100	25,4900	24,5100				25,4900				
Certificate	DE000CY16C73	RANDS62.59TS OPENC	EUR	2,2800	2,2800	2,2800				2,2800				
Certificate	NL0011721832	RANDS63.04TS OPENH	EUR	25,0300	26,0200	25,0300				26,0200				
Certificate	NL0012649149	RANDS64.07B0C1218Z	EUR	44,5500	44,5500	44,5500				44,5500				
Certificate	NL0012366272	RANDS66.75TS OPENH	EUR	29,1500	30,1400	29,1500				30,1400				
Certificate	NL0012649156	RANDS67.02B0C0619Z	EUR	42,7500	42,7500	42,7500				42,7500				
Certificate	NL0012581136	RANDS67.03TS OPENH	EUR	29,4700	30,4500	29,4700				30,4500				
Certificate	DE000VL76J59	RANDS67.76TS OPENV	EUR	2,0050	2,0050	2,0050				2,0050				
Certificate	NL0012366264	RANDS69.65TS OPENH	EUR	32,3800	33,3700	32,3800				33,3700				
Certificate	NL0012366256	RANDS72.56TS OPENH	EUR	35,6100	36,5900	35,6100				36,5900				
Certificate	NL0012313266	RANDS73.38TS OPENH	EUR	36,5300	37,5100	36,5300				37,5100				
Certificate	NL0012536775	RANDS79.22TS OPENH	EUR	43,0100	43,9900	43,0100				43,9900				
Certificate	NL0012586762	RANDS86.04TS OPENH	EUR	50,5900	51,5800	50,5900				51,5800				
Certificate	NL0012558308	RANDS86.48TS OPENH	EUR	51,0800	52,0700	51,0800				52,0700				
Certificate	NL0012579346	RANDS86.67TS OPENH	EUR	51,2900	52,2700	51,2900				52,2700				
Certificate	DE000CV87RZ5	RB 41.64TL OPENZ	EUR	2,4650	2,4650	2,4650				2,4650				
Certificate	DE000CV87JR9	RB 46.73TL OPENZ	EUR	1,8850	1,8850	1,8850				1,8850				
Certificate	DE000CV4YXY4	RB 51.78TL OPENZ	EUR	1,3050	1,3050	1,3050				1,3050				
Certificate	DE000CJ3PTV4	RB 58.78TL OPENZ	EUR	0,5250	0,5250	0,5250				0,5250				
Certificate	XS0215447441	RB FX/IL 6%20	EUR											
Certificate	XS0422117530	RB ROB M 0%28MAY19	EUR	100,3100	100,3100	100,3100	25077,5000	1	100,3100	25000				
Certificate	XS0262561789	RB SPREAD 4.552%21	EUR	103,5500	103,5500					103,5500				
Certificate	XS0295385065	RB SPREAD T 0%22	EUR											
Certificate	NL0000459816	RBSBI PI OPENN	EUR	23,7500	24,3200	23,7500				24,3200				



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	NL0009067883	RDX 323TL OPENB	EUR	10,7600	10,7600	10,7600			10,7600					
Certificate	DE000CY51CF9	RELX 14TL OPENC	EUR	4,1200	4,1200	4,1200			4,1200					
Certificate	DE000CP06X30	RELX 15TL OPENC	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	DE000CP06X48	RELX 16TL OPENC	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000CP06X55	RELX 18TS OPENC	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	NL0012649164	RELX 19BOC1218Z	EUR	18,8200	18,8200	18,8200			18,8200					
Certificate	DE000CP06X63	RELX 20TS OPENC	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	DE000CY51AR8	RELX 22TS OPENC	EUR	3,7400	3,7400	3,7400			3,7400					
Certificate	NL0009988807	RELX 3.2TL OPENB	EUR	22,2900	22,2900	22,2900			22,2900					
Certificate	NL0010516969	RELX 7.6TL OPENB	EUR	15,9900	15,9900	15,9900			15,9900					
Certificate	NL0010904165	RELX 10.9TL OPENB	EUR	11,3200	11,3200	11,3200			11,3200					
Certificate	DE000CR9SCD9	RELX 13.4TL OPENZ	EUR	4,1900	4,1900	4,1450			4,1450					
Certificate	NL0012033872	RELX 14.2TL OPENB	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	NL0012109482	RELX 15.2TL OPENB	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	NL0012779870	RELX 16.3TL OPENB	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0013127566	RELX 17.5TS OPENH	EUR											
Certificate	NL0012848089	RELX 19.4TS OPENH	EUR											
Certificate	NL0012649172	RELX 19.5BOC0619Z	EUR	18,7600	18,7600	18,7600			18,7600					
Certificate	NL0012112403	RELX 20.3TS OPENB	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	NL0012788855	RELX 21.7TS OPENB	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	NL0012980585	RELX 23.2TS OPENB	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	NL0012890826	RELX 23.9TS OPENH	EUR											
Certificate	DE000CF3AD69	RELX 8.18TL OPENC	EUR											
Certificate	DE000CR4HQP7	RELX 10.71TL OPENZ	EUR	6,8700	6,8700	6,8200			6,8200					
Certificate	NL0011052949	RELX 10.92TL OPENH	EUR											
Certificate	DE000CR6X8J5	RELX 12.41TL OPENZ	EUR	5,1700	5,1700	5,1350			5,1350					
Certificate	NL0011742101	RELX 12.61TL OPENH	EUR											
Certificate	NL0011996368	RELX 13.65TL OPENH	EUR											
Certificate	NL0012051171	RELX 14.64TL OPENH	EUR											
Certificate	NL0012098925	RELX 14.85BL OPENB	EUR	2,7500	2,7500	2,7500			2,7500					
Certificate	DE000CD646C0	RELX 14.89TL OPENZ	EUR	2,7000	2,7000	2,6650			2,6650					
Certificate	NL0012565550	RELX 14.95TL OPENH	EUR											
Certificate	NL0012565543	RELX 15.46TL OPENH	EUR											
Certificate	NL0012689988	RELX 15.89BL OPENB	EUR	1,7100	1,7100	1,7100			1,7100					
Certificate	DE000CJ3NSD9	RELX 16.38TL OPENZ	EUR	1,3300	1,3300	1,1800	1520,0000	5	1,1950	1250				
Certificate	NL0012602825	RELX 16.47TL OPENH	EUR											
Certificate	NL0013079387	RELX 17.97TS OPENH	EUR											
Certificate	NL0012900807	RELX 18.46TS OPENH	EUR											
Certificate	NL0012245187	RELX 19.89TS OPENH	EUR											
Certificate	NL0012311088	RELX 19.94TS OPENH	EUR											
Certificate	NL0012785554	RELX 20.17BS OPENB	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	NL0012199681	RELX 20.36TS OPENH	EUR											
Certificate	NL0012792725	RELX 21.16BS OPENB	EUR	3,9100	3,9100	3,9100			3,9100					
Certificate	NL0011052873	RELX 21.86TS OPENH	EUR											
Certificate	NL0012993802	RELX 22.15BS OPENB	EUR	4,9000	4,9000	4,9000			4,9000					
Certificate	NL0012056436	RENAU 52TL OPENH	EUR	19,9300	19,9300	17,8800			17,8800					
Certificate	DE000CW42QL0	RENAU 60TL OPENC	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CW42MG9	RENAU 60TL OPENC	EUR	0,7300	0,7300	0,7300			0,7300					
Certificate	NL0012586770	RENAU 100.TS OPENH	EUR	39,9300	41,9600	39,9300			41,9600					
Certificate	NL0012538151	RENAU 139.TS OPENH	EUR	82,0800	84,1000	82,0800			84,1000					
Certificate	DE000CR9SQG2	RENAU 52.9TL OPENZ	EUR	14,0700	14,0700	13,5300			13,5300					
Certificate	NL0012864920	RENAU 96.3TS OPENH	EUR	35,9000	37,9300	35,9000			37,9300					
Certificate	NL0012579395	RENAU100.1TS OPENH	EUR	40,0000	42,0200	40,0000			42,0200					
Certificate	NL001256245	RENAU100.1TS OPENH	EUR	40,0000	42,0200	40,0000			42,0200					
Certificate	NL0011415088	RENAU103.3TS OPENH	EUR	43,4600	45,4800	43,4600			45,4800					
Certificate	NL0012602833	RENAU111.2TS OPENH	EUR	52,0000	54,0200	52,0000			54,0200					
Certificate	NL0012601058	RENAU111.4TS OPENH	EUR	52,2300	54,2500	52,2300			54,2500					
Certificate	NL0011729330	RENAU116.3TS OPENH	EUR	57,5500	59,5700	57,5500			59,5700					
Certificate	NL0011732359	RENAU116.4TS OPENH	EUR	57,6300	59,6600	57,6300			59,6600					
Certificate	NL0012601884	RENAU138.8TS OPENH	EUR	81,8300	83,8500	81,8300			83,8500					
Certificate	NL0012592851	RENAU138.8TS OPENH	EUR	81,8000	83,8300	81,8000			83,8300					
Certificate	NL0012558316	RENAU139.4TS OPENH	EUR	82,4500	84,4700	82,4500			84,4700					
Certificate	NL0011415229	RENAU41.94TL OPENH	EUR	29,2800	29,2800	27,2300			27,2300					
Certificate	DE000CJ3PHW7	RENAU42.86TL OPENZ	EUR	23,5200	23,5200	23,5200			23,5200					
Certificate	NL0012203061	RENAU47.48TL OPENH	EUR	24,1300	24,1300	22,0800			22,0800					
Certificate	DE000CR9RLU6	RENAU57.93TL OPENZ	EUR	9,0850	9,0850	8,5450			8,5450					
Certificate	NL0011415187	RENAU58.75TL OPENH	EUR	13,6500	13,6500	11,6000			11,6000					
Certificate	NL0013127582	RENAU64.31TL OPENH	EUR	8,4800	8,4800	6,4200			6,4200					
Certificate	NL0013127574	RENAU68.29TS OPENH	EUR											
Certificate	NL0012919807	RENAU79.68TS OPENH	EUR	17,9400	19,9600	17,9400			19,9600					
Certificate	NL0012918718	RENAU83.64TS OPENH	EUR	22,2100	24,2400	22,2100			24,2400					
Certificate	NL0012864938	RENAU84.43TS OPENH	EUR	23,0700	25,0900	23,0700			25,0900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012605653	RENAU91.52TS OPENH	EUR	30,7300	32,7500	30,7300			32,7500					
Certificate	NL0012601066	RENAU95.63TS OPENH	EUR	35,1800	37,2000	35,1800			37,2000					
Certificate	NL0012536791	RENAU99.95TS OPENH	EUR	39,8500	41,8700	39,8500			41,8700					
Certificate	NL0012525208	RENAU99.97TS OPENH	EUR	39,8700	41,8900	39,8700			41,8900					
Certificate	DE000CD639L6	REPSO10.97TL OPENZ	EUR	4,6950	4,6950	4,6950			4,6950					
Certificate	DE000CE6CC84	REPSO12.96TL OPENZ	EUR	2,6800	2,7150	2,6800	750,4000	1	2,7150	280				
Certificate	DE000CD61L14	REPSO9.477TL OPENZ	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	NL0006343873	RICCO PI OPENN	EUR	6,1000	6,1800	6,1000			6,1800					
Certificate	NL0006066193	RICEN PI OPENN	EUR	6,1300	6,2000	6,1300			6,2000					
Certificate	DE000C3N4N8	RICHE51.87TL OPENZ	EUR	1,1250	1,1250	1,1250			1,1250					
Certificate	DE000CV8AXY5	RICHE60.87TL OPENZ	EUR	0,7450	0,7450	0,7450			0,7450					
Certificate	NL0006343907	RIEHI PI OPENN	EUR	10,0900	10,2600	10,0900			10,2600					
Certificate	NL0006066219	RIEHM PI OPENN	EUR	11,3700	11,5300	11,3700			11,5300					
Certificate	NL0009057728	RIEHN PI OPENN	EUR	1,7200	1,7500	1,7200			1,7500					
Certificate	NL0006343865	RIEHP PI OPENN	EUR	16,4100	17,0000	16,4100			17,0000					
Certificate	DE000CW42Y69	RIM 6TL OPENC	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000CV512F2	RIM 8TL OPENC	EUR	0,0700	0,0700	0,0700			0,0700					
Certificate	DE000CV512M8	RIM 8TL OPENC	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	NL0010523932	RIM 4.7TL OPENB	EUR	4,3650	4,3650	4,3650			4,3650					
Certificate	NL0010283321	RIM 18.5TS OPENB	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000CF504T3	RIM 4.179TL OPENC	EUR											
Certificate	DE000CF50455	RIM 5.223TL OPENC	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000CE6E390	RIOTI 31.5TL OPENZ	EUR	8,9300	8,9300	8,0950	125,0200	1	8,0950	14				
Certificate	DE000CD61VJ4	RIOTI19.23TL OPENZ	EUR	22,7650	22,7650	22,0350			22,0350					
Certificate	DE000CD63DD1	RIOTI23.95TL OPENZ	EUR	17,3900	17,3900	16,6600			16,6600					
Certificate	DE000CD63V69	RIOTI27.48TL OPENZ	EUR	13,3800	13,3800	12,6500			12,6500					
Certificate	DE000CJ3PV82	RIOTI35.51TL OPENZ	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CJ3NX39	RMG 2.71TL OPENZ	EUR	1,1950	1,1950	1,1950			1,1950					
Certificate	DE000CV8ASH0	RMG 3.16TL OPENZ	EUR	0,7250	0,7250	0,7250			0,7250					
Certificate	XS0269906961	RO CLEAN TC 0%22	EUR	3,7100	3,7100	3,7100	371,0000	1	3,7100	10000				
Certificate	XS0239558819	RO PRIV EQ 0%19	EUR	20,1400	20,1400	20,1400	201,4000	1	20,1400	1000				
Certificate	NL0012107577	ROCHE 260TS OPENB	EUR	3,2200	3,3700	3,2200			3,3700					
Certificate	DE000CD63AH8	ROCHE 180.TL OPENZ	EUR	5,7800	5,7800	5,4600			5,4600					
Certificate	NL0010125696	ROCHE119.1TL OPENB	EUR	11,6200	11,6200	11,5000	347,1000	1	11,5000	30				
Certificate	DE000CV89E27	ROCHE139.6TL OPENZ	EUR	9,0000	9,0000	9,0000			9,0000					
Certificate	DE000CV87RR2	ROCHE159.8TL OPENZ	EUR	7,2300	7,2300	7,2300			7,2300					
Certificate	NL0010289013	ROCHE179.4TL OPENB	EUR	6,7200	6,7200	6,5900			6,5900					
Certificate	NL0012970636	ROCHE197.6TL OPENB	EUR	5,2500	5,2500	5,1100			5,1100					
Certificate	DE000CR6Y740	ROCHE205.9TL OPENZ	EUR	3,5200	3,5200	3,2050			3,2050					
Certificate	NL0012974091	ROCHE207.4TL OPENB	EUR	4,4500	4,4500	4,3100			4,3100					
Certificate	NL0012980494	ROCHE217.6TL OPENB	EUR	3,6200	3,6200	3,4700			3,4700					
Certificate	DE000CV8ADG4	ROCHE225.8TL OPENZ	EUR	1,5500	1,5500	1,4850	2325,0000	1	1,4850	1500				
Certificate	NL0012984546	ROCHE228.4TL OPENB	EUR	2,7400	2,7400	2,5900			2,5900					
Certificate	NL0012984660	ROCHE286.2TS OPENB	EUR	5,7000	5,8500	5,7000			5,8500					
Certificate	NL0009592245	ROCHE72.01TL OPENB	EUR	15,4500	15,4500	15,3400			15,3400					
Certificate	NL0012201784	ROCKT 12.6TL OPENH	EUR	1,5600	1,5600	1,4800			1,4800					
Certificate	NL0012206981	ROCKT 15.2TL OPENH	EUR	1,3400	1,3400	1,2600			1,2600					
Certificate	NL0012212062	ROCKT 16.1TL OPENH	EUR	1,2700	1,2700	1,1900			1,1900					
Certificate	NL0012433478	ROCKT 17.1TL OPENH	EUR	1,1800	1,1800	1,1000			1,1000					
Certificate	NL0012433460	ROCKT 17.6TL OPENH	EUR	1,1400	1,1400	1,0600			1,0600					
Certificate	NL0012433924	ROCKT 18.6TL OPENH	EUR	1,0500	1,0500	0,9700			0,9700					
Certificate	NL0012516199	ROCKT 19.1TL OPENH	EUR	1,0100	1,0100	0,9300			0,9300					
Certificate	NL0012541411	ROCKT 19.7TL OPENH	EUR	0,9700	0,9700	0,8900			0,8900					
Certificate	NL0012546527	ROCKT 20.2TL OPENH	EUR	0,9300	0,9300	0,8500			0,8500					
Certificate	NL0012550198	ROCKT 20.6TL OPENH	EUR	0,8800	0,8800	0,8000			0,8000					
Certificate	NL0012565584	ROCKT 21.2TL OPENH	EUR	0,8400	0,8400	0,7600			0,7600					
Certificate	NL0012864961	ROCKT 21.6TL OPENH	EUR	0,8100	0,8100	0,7200			0,7200					
Certificate	NL0012579437	ROCKT 22.6TL OPENH	EUR	0,7200	0,7200	0,6400			0,6400					
Certificate	NL0012909766	ROCKT 23.2TL OPENH	EUR	0,6700	0,6700	0,5900			0,5900					
Certificate	NL0012909758	ROCKT 23.7TL OPENH	EUR	0,6300	0,6300	0,5500			0,5500					
Certificate	NL0012922413	ROCKT 33.8TS OPENH	EUR	1,6300	1,7300	1,6300			1,7300					
Certificate	DE000CJ3N5D6	ROCKT16.73TL OPENZ	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000CV8A4U8	ROCKT20.25TL OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CN6JRH7	RR 5.621TL OPENZ	EUR	0,6550	0,6550	0,6250			0,6250					
Certificate	DE000CN6JYA8	RR 6.339TL OPENZ	EUR	0,4850	0,4850	0,4550			0,4550					
Certificate	DE000CE6CCF9	RR 7.546TL OPENZ	EUR											
Certificate	DE000CJ3PQM9	RR 7.841TL OPENZ	EUR	0,1150	0,1150	0,1150			0,1150					
Certificate	DE000CJ3PR43	RTL 36.99TL OPENZ	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000CV8A7Y3	RTL 41.99TL OPENZ	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CN6JQX6	RTL 47.21TL OPENZ	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	DE000CJ3PUM1	RTL 52.21TL OPENZ	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CR9RHH1	RTL 54.58TL 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	NL0000458180	RUSLAND CT OPENN	EUR	137,8000	137,8000	137,8000			137,8000					
Certificate	NL0013011190	RUSSL 1234BL OPENB	EUR	2,7750	2,7750	2,7750			2,7750					
Certificate	NL0012683536	RUSSL 1335BL OPENB	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	NL0012684062	RUSSL 1350TL OPENB	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	NL0012678833	RUSSL 1438BL OPENB	EUR	0,9750	0,9750	0,9750			0,9750					
Certificate	NL0012679229	RUSSL 1454TL OPENB	EUR	0,9950	0,9950	0,9950			0,9950					
Certificate	NL0012780068	RUSSL 1537BL OPENB	EUR											
Certificate	NL0012969638	RUSSL 1551TL OPENB	EUR											
Certificate	NL0013006471	RUSSL 1664TS OPENB	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	NL0013004344	RUSSL 1696BS OPENB	EUR	1,3200	1,4450	1,3200	2640,0000	1	1,4450	2000				
Certificate	NL0013006489	RUSSL 1864TS OPENB	EUR	3,0700	3,1750	3,0650	307,0000	1	3,1750	100				
Certificate	NL0012971576	RUSSL 1896BS OPENB	EUR	3,2050	3,2050	3,2050			3,2050					
Certificate	NL0012979405	RUSSL 2096BS OPENB	EUR	4,9550	4,9550	4,9550			4,9550					
Certificate	NL0012687685	RWE 14TL OPENB	EUR	4,6750	4,7750	4,6750	6154,8500	3	4,7750	1305				
Certificate	NL0012611826	RWE 14TL OPENH	EUR	0,4600	0,4700	0,4600			0,4700					
Certificate	NL0012611818	RWE 15TL OPENH	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012611800	RWE 16TL OPENH	EUR	0,2700	0,2800	0,2700			0,2800					
Certificate	NL0013010911	RWE 17TL OPENB	EUR											
Certificate	NL0011426051	RWE 7.6TL OPENB	EUR	10,6450	10,7450	10,6450			10,7450					
Certificate	NL0011416623	RWE 7.7TL OPENH	EUR	1,1000	1,1100	1,1000			1,1100					
Certificate	NL0011416615	RWE 8.7TL OPENH	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0011798988	RWE 9.9TL OPENB	EUR	8,5050	8,6050	8,5050			8,6050					
Certificate	NL0011721923	RWE 10.7TL OPENH	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	NL0012175541	RWE 12.7TL OPENH	EUR	0,6100	0,6200	0,6100			0,6200					
Certificate	NL0012201792	RWE 13.7TL OPENH	EUR	0,5200	0,5200	0,5200			0,5200					
Certificate	NL0013005846	RWE 15.1TL OPENB	EUR	3,6850	3,7850	3,6850			3,7850					
Certificate	NL0013005853	RWE 16.1TL OPENB	EUR	2,7550	2,8550	2,7550			2,8550					
Certificate	NL0013145402	RWE 17.7TS OPENB	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	NL0013125735	RWE 17.9TS OPENH	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0013005994	RWE 19.7TS OPENB	EUR	3,7450	3,7450	3,6250			3,6250					
Certificate	NL0013004294	RWE 21.7TS OPENB	EUR	5,8950	5,8950	5,7750			5,7750					
Certificate	NL0012611768	RWE 23.4TS OPENH	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	NL0012506885	RWE 23.8TS OPENB	EUR	8,1250	8,1250	8,0050			8,0050					
Certificate	NL0012611750	RWE 24.9TS OPENH	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	NL0012611743	RWE 25.4TS OPENH	EUR	0,9800	0,9800	0,9700			0,9700					
Certificate	NL0012978761	RWE 25.8TS OPENB	EUR	10,2650	10,2650	10,1450			10,1450					
Certificate	NL0012611735	RWE 27.4TS OPENH	EUR	1,1900	1,1900	1,1800			1,1800					
Certificate	NL0012611727	RWE 29.4TS OPENH	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0012611982	RWE 31.3TS OPENH	EUR	1,6100	1,6100	1,6100			1,6100					
Certificate	NL0012928758	RWE 33.3TS OPENH	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CD64E36	RWE 11.34TL OPENZ	EUR	6,2700	6,3700	6,2700			6,3700					
Certificate	DE000CE6C3K7	RWE 13.85TL OPENZ	EUR	3,8700	3,8700	3,8700			3,8700					
Certificate	DE000CV87Y74	RWE 15.84TL OPENZ	EUR	1,9400	1,9400	1,9100	970,0000	1	1,9100	500				
Certificate	DE000VNGM5F1	RX10L LEVOPENV	EUR	11,8100	11,8100	11,8100			11,8100					
Certificate	DE000VNGM5H7	RX10S SHROPENV	EUR	5,5850	5,5850	5,5850			5,5850					
Certificate	DE000VNGM5G9	RX15L LEVOPENV	EUR	11,5650	11,5650	11,5650			11,5650					
Certificate	DE000VNGM5J3	RX15S SHROPENV	EUR	3,7900	3,7900	3,7850	568,5000	1	3,7850	150				
Certificate	DE000CR9P304	RYANR10.11TL OPENZ	EUR	0,6200	0,6800	0,6200			0,6800					
Certificate	DE000CR9NUK0	RYANR10.63TL OPENZ	EUR	0,4900	0,5500	0,4900			0,5500					
Certificate	DE000CJ3PGA5	RYANR11.33TL OPENZ	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CV88C61	RYANR14.27TS OPENZ	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000CV84W44	RYANR15.28TL OPENZ	EUR											
Certificate	DE000CV8A8B9	RYANR16.26TS OPENZ	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	DE000CE6EJM6	RYANR18.26TS OPENZ	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CJ3NS85	RYANR8.071TL OPENZ	EUR	1,1900	1,1900	1,1900			1,1900					
Certificate	DE000CR9P312	RYANR9.578TL OPENZ	EUR	0,7500	0,8700	0,7500	1305,0000	1	0,8100	1500				
Certificate	DE000CJ3NWA7	S92G 12.2TL OPENZ	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CJ3NSE4	S92G 14.7TL OPENZ	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	DE000CJ3PL72	S92G 18.2TL OPENZ	EUR											
Certificate	DE000CJ3PQ28	S92G 18.2TL OPENZ	EUR	0,5700	0,5700	0,5700			0,5700					
Certificate	DE000CJ3NWB5	S92G 16.21TL OPENZ	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CV8B409	SAFRN102.77TL OPENZ	EUR	0,5300	0,5300	0,5300			0,5300					
Certificate	DE000CV501F8	SAFRN63.75TL OPENZ	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	DE000CV4YXQ0	SAFRN72.84TL OPENZ	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	DE000CV889U6	SAFRN82.78TL OPENZ	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CV88U02	SAFRN92.71TL OPENZ	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CV50VN5	SALES 70TL OPENC	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	DE000CV50YG3	SALES 80TL OPENC	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	DE000CV50VP0	SALES 80TL OPENC	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000CV50YH1	SALES 85TL OPENC	EUR	4,7600	4,7600	4,7600			4,7600					
Certificate	DE000CV50VQ8	SALES 85TL OPENC	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	DE000CV51DE0	SALES 90TL OPENC	EUR	3,7200	3,7200	3,7200			3,7200					



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	DE000CV51256	SALES 95TL OPENC	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000CV52FK0	SALES 95TL OPENC	EUR	4,0500	4,0500	4,0500			4,0500					
Certificate	DE000CV51XS8	SALES 95TL OPENC	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000CV52E68	SALES 100TL OPENC	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CQ5A8N7	SALES 110TL OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CQ5A5W4	SALES 110TL OPENC	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000CQ58L97	SALES 120TL OPENC	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CQ58VK9	SALES 120TL OPENC	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CQ58VL7	SALES 130TL OPENC	EUR											
Certificate	DE000CQ58TP2	SALES 130TL OPENC	EUR											
Certificate	DE000CQ58ZU9	SALES 140TS OPENC	EUR											
Certificate	DE000CP06UF3	SALES 150TS OPENC	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CP07AY4	SALES 155TS OPENC	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	DE000CP06UG1	SALES 160TS OPENC	EUR	2,0300	2,0300	2,0300			2,0300					
Certificate	DE000CP07AZ1	SALES 160TS OPENC	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	DE000CQ58VNB3	SALES 170TS OPENC	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000CP06149	SALES 170TS OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CP06529	SALES 180TS OPENC	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	DE000CP064F5	SALES 180TS OPENC	EUR	3,7600	3,7600	3,7600			3,7600					
Certificate	DE000CV8A0E0	SALES105.8TL OPENZ	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	DE000CV8A0F7	SALES126.8TL OPENZ	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CJ3P526	SALES90.82TL OPENZ	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	NL0009991991	SAMSU 370TL OPENB	EUR	56,0500	56,0500	56,0500			56,0500					
Certificate	NL0011426994	SAMSU 452TL OPENB	EUR	49,4100	49,4100	49,3400			49,3400					
Certificate	DE000CV8AZ08	SAMSU 735TL 1218Z	EUR	2,2250	2,2250	2,2250			2,2250					
Certificate	DE000CV8A8R5	SAMSU 835TL 1218Z	EUR	1,4900	1,4900	1,3550	372,5000	1	1,3550	250				
Certificate	DE000CV8ABX3	SAMSU 885TL 1218Z	EUR											
Certificate	NL0009175975	SAMSU249.7TL OPENB	EUR	65,9000	65,9000	65,9000			65,9000					
Certificate	NL0011806336	SAMSU499.6TL OPENB	EUR	45,5300	45,5300	45,4500			45,4500					
Certificate	NL0011806344	SAMSU525.6TL OPENB	EUR	43,4200	43,4200	43,3200			43,3200					
Certificate	DE000CX001G5	SANOF 50TL OPENC	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	DE000CX0J8M2	SANOF 60TL OPENC	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	DE000CX0JA51	SANOF 60TL OPENC	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	NL0012890842	SANOF 104.TS OPENH	EUR	3,3900	3,4700	3,3900			3,4700					
Certificate	NL0009437045	SANOF 26.2TL OPENB	EUR	5,3550	5,3550	5,3550			5,3550					
Certificate	NL0009999465	SANOF 37.1TL OPENB	EUR	4,3350	4,3350	4,3350			4,3350					
Certificate	NL0010127585	SANOF 46.8TL OPENB	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	NL0010130126	SANOF 53.2TL OPENB	EUR	2,8350	2,8350	2,8350			2,8350					
Certificate	NL0010286399	SANOF 57.6TL OPENB	EUR	2,4350	2,4350	2,4350			2,4350					
Certificate	NL0012790976	SANOF 62.7TL OPENB	EUR	2,0250	2,0250	1,9550			1,9550					
Certificate	NL0012978555	SANOF 67.6TL OPENB	EUR	1,5650	1,5650	1,4900	2160,5000	1	1,4950	1450				
Certificate	NL0013002850	SANOF 72.7TL OPENB	EUR	1,0950	1,0950	1,0250			1,0250					
Certificate	NL0012986434	SANOF 84.3TS OPENB	EUR	1,2650	1,3250	1,2650			1,3250					
Certificate	NL0011413216	SANOF103.4TS OPENH	EUR	3,3300	3,4100	3,3300			3,4100					
Certificate	NL0012267215	SANOF104.1TS OPENB	EUR	3,3950	3,4650	3,3950			3,4650					
Certificate	NL0012330591	SANOF127.2TS OPENH	EUR	5,9100	5,9900	5,9100			5,9900					
Certificate	NL0012374797	SANOF33.87TL OPENH	EUR	4,7100	4,7100	4,6200			4,6200					
Certificate	DE000CV505U8	SANOF44.52TL OPENZ	EUR	6,6550	6,6550	6,6550			6,6550					
Certificate	DE000CN6HHQ3	SANOF54.56TL OPENZ	EUR	5,0550	5,0550	4,6550			4,6550					
Certificate	NL0011413299	SANOF54.73TL OPENH	EUR	2,7700	2,7700	2,6800			2,6800					
Certificate	NL0011890629	SANOF58.83TL OPENH	EUR	2,3900	2,3900	2,3000			2,3000					
Certificate	DE000CR1K641	SANOF60.69TL OPENZ	EUR	1,9150	1,9150	1,7150			1,7150					
Certificate	NL0012862585	SANOF62.02TL OPENH	EUR	2,0900	2,0900	2,0000			2,0000					
Certificate	NL0012927586	SANOF68.95TL OPENH	EUR	1,4500	1,4500	1,3600	1215,5000	1	1,3600	850				
Certificate	DE000CJ3NY04	SANOF70.64TL OPENZ	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	NL0011413232	SANOF88.55TS OPENH	EUR	1,7200	1,8100	1,7200			1,8100					
Certificate	NL0011413224	SANOF92.26TS OPENH	EUR	2,1300	2,2100	2,1300			2,2100					
Certificate	NL0012785927	SAP 88TL OPENB	EUR	15,2150	15,2150	14,3750			14,3750					
Certificate	NL0011052717	SAP 37.5TL OPENH	EUR	6,0200	6,0200	5,9400			5,9400					
Certificate	NL0010907416	SAP 49.8TL OPENB	EUR	49,9950	49,9950	49,1550			49,1550					
Certificate	NL0012038806	SAP 75.7TL OPENB	EUR	26,4950	26,4950	25,6550	520,0000	1	25,6550	20				
Certificate	NL0012780803	SAP 83.7TL OPENB	EUR	19,1750	19,1750	18,3350			18,3350					
Certificate	NL0013014285	SAP 98.3TS OPENB	EUR	13,9550	14,7450	13,9550			14,7450					
Certificate	NL0013010259	SAP 103.3TS OPENB	EUR	19,5250	20,3150	19,5250			20,3150					
Certificate	NL0012970370	SAP 108.4TS OPENB	EUR	25,1750	25,9650	25,1750			25,9650					
Certificate	NL0011052634	SAP 111.2TS OPENH	EUR	2,4400	2,5300	2,4400			2,5300					
Certificate	NL0012971956	SAP 113.7TS OPENB	EUR	31,0950	31,8850	31,0950			31,8850					
Certificate	NL0011052709	SAP 45.98TL OPENH	EUR	5,2200	5,2200	5,1500			5,1500					
Certificate	DE000CR6XG53	SAP 55.87TL OPENZ	EUR	38,7600	38,7600	38,5300			38,5300					
Certificate	NL0011721956	SAP 58.52TL OPENH	EUR	4,0500	4,0500	3,9800			3,9800					
Certificate	DE000CN6F8A5	SAP 61.92TL OPENZ	EUR	32,7200	32,7200	32,4900			32,4900					
Certificate	NL0011721949	SAP 62.69TL OPENH	EUR	3,6600	3,6600	3,5900			3,5900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011721931	SAP 64.78TL OPENH	EUR	3,4700	3,4700	3,3900			3,3900					
Certificate	NL0011927058	SAP 66.57TL OPENH	EUR	3,3000	3,3000	3,2300			3,2300					
Certificate	DE000CN6FGR7	SAP 68.85TL OPENZ	EUR	25,8000	25,8000	25,5800			25,5800					
Certificate	NL0011929393	SAP 70.34TL OPENH	EUR	2,9500	2,9500	2,8700			2,8700					
Certificate	NL0011930599	SAP 74.47TL OPENH	EUR	2,5600	2,5600	2,4900			2,4900					
Certificate	DE000CD62FB2	SAP 77.76TL OPENZ	EUR	16,9400	16,9400	16,7100			16,7100					
Certificate	NL0012051189	SAP 78.57TL OPENH	EUR	2,1800	2,1800	2,1100			2,1100					
Certificate	NL0012847230	SAP 83.71TL OPENH	EUR	1,7000	1,7000	1,6200			1,6200					
Certificate	DE000CV88R56	SAP 87.69TL OPENZ	EUR	6,8850	6,8850	6,8850			6,8850					
Certificate	NL0012847222	SAP 87.74TL OPENH	EUR	1,3200	1,3200	1,2500			1,2500					
Certificate	NL0010920583	SBMOF 5TL OPENB	EUR	10,6550	10,6550	10,3050			10,3050					
Certificate	DE000CC3Z2P9	SBMOF 8TL OPENC	EUR	7,1800	7,1800	7,1800			7,1800					
Certificate	DE000CX0K3N7	SBMOF 9TL OPENC	EUR	7,1000	7,1000	7,1000			7,1000					
Certificate	DE000CX0K256	SBMOF 9TL OPENC	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000CX59AG6	SBMOF 10TL OPENC	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	DE000CX59GP4	SBMOF 10TL OPENC	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	DE000VA4YP34	SBMOF 11TL 1218V	EUR	3,9650	3,9650	3,9650			3,9650					
Certificate	DE000CQ58V79	SBMOF 12TL OPENC	EUR	3,8800	3,8800	3,8800			3,8800					
Certificate	DE000CQ58TF3	SBMOF 12TL OPENC	EUR	3,0300	3,0300	3,0300			3,0300					
Certificate	DE000CQ5A5A2	SBMOF 13TL OPENC	EUR											
Certificate	DE000CP062P8	SBMOF 13TL OPENC	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	DE000CQ5A782	SBMOF 13TL OPENC	EUR											
Certificate	DE000CP060S6	SBMOF 13TL OPENC	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000CP064C2	SBMOF 14TL OPENC	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000CP064V2	SBMOF 14TL OPENC	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	NL0012648463	SBMOF 15BOC1218Z	EUR	14,9100	14,9100	14,9100			14,9100					
Certificate	NL0013018195	SBMOF 15TS OPENB	EUR											
Certificate	DE000CY52W33	SBMOF 15TS OPENC	EUR											
Certificate	DE000CQ5A859	SBMOF 15TS OPENC	EUR											
Certificate	NL0012648471	SBMOF 16BOC0619Z	EUR	15,2400	15,2400	15,2400			15,2400					
Certificate	DE000CQ58ZC7	SBMOF 16TS OPENC	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000CP07A93	SBMOF 17TS OPENC	EUR	3,7000	3,7000	3,7000			3,7000					
Certificate	DE000CQ58ZD5	SBMOF 17TS OPENC	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	NL0012796452	SBMOF 18BOC1219Z	EUR	14,9400	14,9400	14,9400			14,9400					
Certificate	DE000CX59ZS8	SBMOF 18TS OPENC	EUR											
Certificate	DE000CP064Y6	SBMOF 18TS OPENC	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000CP06N26	SBMOF 18TS OPENC	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	DE000CY51V01	SBMOF 18TS OPENC	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000CP06PQ0	SBMOF 20TS OPENC	EUR	6,9200	6,9200	6,9200			6,9200					
Certificate	DE000VA4YP59	SBMOF 11.TL OPENV	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	DE000VA4YW19	SBMOF 12.TL OPENV	EUR	2,8750	2,8750	2,8750			2,8750					
Certificate	DE000VA4YW35	SBMOF 13.TL OPENV	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	NL0010910808	SBMOF 6.TL OPENB	EUR	9,6850	9,6850	9,3350			9,3350					
Certificate	NL0011041868	SBMOF 6.5TL OPENH	EUR	8,9600	8,9600	8,9600			8,9600					
Certificate	NL0010909297	SBMOF 6.6TL OPENB	EUR	9,1950	9,1950	8,8450			8,8450					
Certificate	NL0010654844	SBMOF 7.2TL OPENB	EUR	8,3600	8,3600	8,3600			8,3600					
Certificate	NL0011041850	SBMOF 7.6TL OPENH	EUR	8,0000	8,0000	8,0000			8,0000					
Certificate	NL0010765095	SBMOF 7.8TL OPENB	EUR	7,7800	7,7800	7,7800			7,7800					
Certificate	NL0011041843	SBMOF 8.1TL OPENH	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	NL0009964196	SBMOF 8.3TL OPENA	EUR											
Certificate	NL0010921052	SBMOF 8.3TL OPENB	EUR	7,6550	7,6550	7,3050			7,3050					
Certificate	DE000CC608A5	SBMOF 8.5TL OPENC	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	NL0011041835	SBMOF 8.6TL OPENH	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	NL0011906730	SBMOF 9.5TL OPENB	EUR	6,5550	6,5550	6,2050			6,2050					
Certificate	NL0011909338	SBMOF 10.2TL OPENB	EUR	5,9950	5,9950	5,6450			5,6450					
Certificate	NL0012982425	SBMOF 10.7TL OPENB	EUR	5,5150	5,5150	5,1650			5,1650					
Certificate	NL0012983407	SBMOF 11.2TL OPENB	EUR	5,0550	5,0550	4,7050			4,7050					
Certificate	DE000VA4YTN7	SBMOF 11.5TL 1218V	EUR	3,4650	3,4650	3,4650			3,4650					
Certificate	DE000VA4YTP2	SBMOF 11.5TL OPENV	EUR	3,3750	3,3750	3,3750			3,3750					
Certificate	DE000VL37LF6	SBMOF 12.4TL OPENV	EUR											
Certificate	DE000VA4YW27	SBMOF 12.5TL OPENV	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	NL0012985246	SBMOF 12.7TL OPENB	EUR	3,6950	3,6950	3,3450			3,3450					
Certificate	NL0012991335	SBMOF 13.3TL OPENB	EUR	3,1650	3,1650	2,8150			2,8150					
Certificate	NL0012994248	SBMOF 13.8TL OPENB	EUR	2,7050	2,7600	2,3550	1949,3100	2	2,3550	726				
Certificate	LU1859907377	SBMOF 14.2TCIOPENS	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	NL0013146004	SBMOF 14.3TL OPENB	EUR	2,1850	2,1850	1,8350			1,8350					
Certificate	NL0012987317	SBMOF 14.4BOC0619B	EUR	14,0000	14,0000	13,9300			13,9300					
Certificate	NL0012795769	SBMOF 14.8BOC0619Z	EUR	14,1200	14,1200	14,1200			14,1200					
Certificate	NL0013125743	SBMOF 15.1TS OPENH	EUR											
Certificate	NL0012793079	SBMOF 15.2BOC1218H	EUR	14,4800	14,4800	14,2700			14,2700					
Certificate	NL0012649180	SBMOF 15.3BOC1218Z	EUR	14,2800	14,2800	14,2800			14,2800					
Certificate	NL0012987283	SBMOF 15.4BOC0619B	EUR	14,5800	14,5800	14,4400			14,4400					



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	NL0012795777	SBMOF 15.48OC09192	EUR	14,4500	14,4500	14,4500			14,4500					
Certificate	NL0013015738	SBMOF 15.8TS OPENB	EUR	2,3850	2,7250	2,3850			2,7250					
Certificate	NL0012494645	SBMOF 16.58OC12188	EUR	14,9300	14,9300	14,6400			14,6400					
Certificate	NL0013010267	SBMOF 16.6TS OPENB	EUR	3,3750	3,7150	3,3750			3,7150					
Certificate	DE000CJ3PHX5	SBMOF 16.7TS OPENZ	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	NL0012994339	SBMOF 17.5TS OPENB	EUR	4,3250	4,6650	4,3250			4,6650					
Certificate	NL0013004989	SBMOF 18.1TS OPENB	EUR	5,0350	5,3750	5,0350			5,3750					
Certificate	DE000CV4ZL58	SBMOF 18.2TS OPENZ	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	NL0013008022	SBMOF 18.8TS OPENB	EUR	5,8050	6,1450	5,8050			6,1450					
Certificate	DE000CJ3NP88	SBMOF 20.2TS OPENZ	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	NL0011231782	SBMOF 7.27TL OPENH	EUR	8,2200	8,2200	8,2200			8,2200					
Certificate	DE000CV8A4C6	SBMOF 8.88TL OPENZ	EUR	6,6100	6,6100	6,6100			6,6100					
Certificate	DE000CR9S654	SBMOF 9.96TL OPENZ	EUR	5,9200	5,9200	5,6100			5,6100					
Certificate	DE000CV8A4Z7	SBMOF10.08TL OPENZ	EUR	4,8100	4,8100	4,8100			4,8100					
Certificate	DE000CV8A500	SBMOF10.58TL OPENZ	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	NL0012931265	SBMOF11.05TL OPENH	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	NL0012983944	SBMOF11.43BL OPENB	EUR	4,1850	4,1850	3,8350			3,8350					
Certificate	NL0012932537	SBMOF11.55TL OPENH	EUR	4,3300	4,3300	4,3300			4,3300					
Certificate	DE000CV8AD24	SBMOF11.58TL OPENZ	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	NL0012984843	SBMOF11.93BL OPENB	EUR	3,6850	3,6850	3,3350			3,3350					
Certificate	DE000CV8AFT2	SBMOF12.12TL OPENZ	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	LU1790570185	SBMOF12.26TCIOPENS	EUR	2,8500	2,8500	2,8500			2,8500					
Certificate	NL0012984850	SBMOF12.43BL OPENB	EUR	3,1850	3,1850	2,8250			2,8250					
Certificate	DE000CV8AG27	SBMOF12.58TL OPENZ	EUR	2,3400	2,3400	2,3400			2,3400					
Certificate	NL0012933634	SBMOF12.93TL OPENH	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	NL0012984868	SBMOF12.94BL OPENB	EUR	2,6750	2,6750	2,3250			2,3250					
Certificate	LU1790570342	SBMOF12.94TCIOPENS	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	NL0012890859	SBMOF13.04TL OPENH	EUR	2,9700	2,9700	2,9700			2,9700					
Certificate	DE000VA3TJ59	SBMOF13.06TL OPENV	EUR											
Certificate	NL0012991053	SBMOF13.44BL OPENB	EUR	2,1750	2,1750	1,8250	300,0000	1	1,8250	150				
Certificate	DE000VASRMC6	SBMOF13.52TL OPENV	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	DE000CV8B6P2	SBMOF13.58TL OPENZ	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000VA3D9J6	SBMOF13.59TS OPENV	EUR											
Certificate	DE000CJ3PR50	SBMOF13.62TL OPENZ	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	LU1859907294	SBMOF13.89TCIOPENS	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	NL0012994081	SBMOF13.94BL OPENB	EUR	1,6750	1,7600	1,3250	3440,0000	3	1,3250	2000				
Certificate	DE000VAGD3T5	SBMOF14.02TL OPENV	EUR	0,8650	0,8650	0,8650			0,8650					
Certificate	NL0012894703	SBMOF14.04TL OPENH	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	LU1817100982	SBMOF14.21TCIOPENS	EUR											
Certificate	DE000CV8B7V8	SBMOF14.29TL OPENZ	EUR											
Certificate	NL0013146525	SBMOF14.44BL OPENB	EUR	1,1750	1,1750	0,8250			0,8250					
Certificate	DE000CJ3PVV0	SBMOF14.48TL OPENZ	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	DE000CJ3PU63	SBMOF14.48TL OPENZ	EUR											
Certificate	DE000VA80FS4	SBMOF14.56TL OPENV	EUR											
Certificate	DE000VA8FZV7	SBMOF14.92TS OPENV	EUR											
Certificate	NL0013017759	SBMOF14.95BS OPENB	EUR											
Certificate	LU1859831023	SBMOF15.33TCIOPENS	EUR											
Certificate	DE000VA8FT54	SBMOF15.42TS OPENV	EUR											
Certificate	NL0012895163	SBMOF15.44TS OPENH	EUR											
Certificate	DE000VA710J9	SBMOF15.92TS OPENV	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	NL0013013907	SBMOF15.94BS OPENB	EUR	1,1950	1,5350	1,1950			1,5350					
Certificate	DE000VA7TGO0	SBMOF16.43TS OPENV	EUR	1,7150	1,7150	1,7150			1,7150					
Certificate	LU1840980087	SBMOF16.53TCIOPENS	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0013003270	SBMOF16.85B0CD919B	EUR	15,2300	15,2300	15,0100			15,0100					
Certificate	NL0013009079	SBMOF16.93BS OPENB	EUR	2,1950	2,5350	2,1950			2,5350					
Certificate	DE000VA7TGR8	SBMOF16.93TS OPENV	EUR	2,2150	2,2150	2,2150			2,2150					
Certificate	NL0011230149	SBMOF17.13TS OPENH	EUR	4,2600	4,2600	4,2600			4,2600					
Certificate	LU1840960212	SBMOF17.71TCIOPENS	EUR	3,2000	3,2000	3,2000			3,2000					
Certificate	NL0012994149	SBMOF17.93BS OPENB	EUR	3,1850	3,5250	3,1850			3,5250					
Certificate	DE000VL61DV0	SBMOF17.94TS OPENV	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	DE000VA6TXZ8	SBMOF17.97TS OPENV	EUR	3,2250	3,2250	3,2250			3,2250					
Certificate	NL0013004450	SBMOF18.93BS OPENB	EUR	4,1850	4,5250	4,1850			4,5250					
Certificate	NL0012525216	SBMOF19.36TS OPENH	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	NL0012536809	SBMOF19.36TS OPENH	EUR	6,7400	6,7400	6,7400			6,7400					
Certificate	NL0012521082	SBMOF19.37TS OPENH	EUR	6,7500	6,7500	6,7500			6,7500					
Certificate	NL0013007743	SBMOF19.93BS OPENB	EUR	5,1850	5,5250	5,1850			5,5250					
Certificate	DE000CT9JQQ8	SBMOF6.092TL OPENC	EUR	9,3600	9,3600	9,3600			9,3600					
Certificate	DE000CR4HWK6	SBMOF8.767TL OPENZ	EUR	6,4300	6,4300	6,1200			6,1200					
Certificate	DE000CR6X379	SBMOF9.579TL OPENZ	EUR	5,6200	5,6200	5,3100			5,3100					
Certificate	NL0011907613	SBMOF9.918BL OPENB	EUR	5,6850	5,6850	5,3350			5,3350					
Certificate	DE000CD62R41	SCHAT 106.TL OPENZ	EUR	5,9500	5,9500	5,9450			5,9450					
Certificate	DE000CD62R58	SCHAT100.7TL OPENZ	EUR	11,3100	11,3100	11,2900			11,2900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CD62R66	SCHAT113.9TS OPENZ	EUR	1,9000	1,9150	1,9000			1,9150					
Certificate	DE000CD62R74	SCHAT118.6TS OPENZ	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	DE000CE6C642	SCHAT124.3TS OPENZ	EUR	12,3600	12,3700	12,3600			12,3700					
Certificate	DE000CJ3PTM3	SCHAT134.3TS OPENZ	EUR	22,3700	22,3700	22,3700			22,3700					
Certificate	DE000CV89FF8	SCHAT90.53TL OPENZ	EUR	21,4500	21,4500	21,4300			21,4300					
Certificate	DE000CJ3PRL9	SCHLM 63.TS OPENZ	EUR	2,0950	2,0950	2,0950			2,0950					
Certificate	DE000CJ3PRK1	SCHLM34.46TL OPENZ	EUR	2,9450	2,9450	2,9450			2,9450					
Certificate	DE000CJ3NYD7	SCHLM41.46TL OPENZ	EUR	1,7250	1,7250	1,7250			1,7250					
Certificate	DE000CJ3PN39	SCHLM46.03TL OPENZ	EUR	0,9400	0,9400	0,9250	940,0000	1	0,9250	1000				
Certificate	DE000CV89ZP5	SCHLM50.56TL OPENZ	EUR	0,3000	0,3000	0,1450	240,3000	6	0,1450	870				
Certificate	NL0012608137	SCHND 85.5TS OPENH	EUR	27,3600	27,8200	27,3600			27,8200					
Certificate	NL0011970652	SCHND 87.1TS OPENH	EUR	29,0800	29,5500	29,0800			29,5500					
Certificate	NL0012314090	SCHND102.5TS OPENH	EUR	45,7600	46,2200	45,7600			46,2200					
Certificate	NL0012366868	SCHND102.6TS OPENH	EUR	45,8000	46,2600	45,8000			46,2600					
Certificate	NL0012365464	SCHND103.5TS OPENH	EUR	46,7900	47,2500	46,7900			47,2500					
Certificate	NL0012313282	SCHND103.5TS OPENH	EUR	46,8000	47,2600	46,8000			47,2600					
Certificate	NL0012557953	SCHND115.9TS OPENH	EUR	60,1800	60,6400	60,1800			60,6400					
Certificate	DE000CJ3PLK4	SCHND38.51TL OPENZ	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	NL0011418231	SCHND40.36TL OPENH	EUR	27,9700	27,9700	27,3800			27,3800					
Certificate	DE000CV8ALH5	SCHND44.53TL OPENZ	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	NL0011890652	SCHND47.25TL OPENH	EUR	21,5700	21,5700	20,9700			20,9700					
Certificate	DE000CE6CCC6	SCHND54.61TL OPENZ	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	NL0011934203	SCHND55.19TL OPENH	EUR	14,1800	14,1800	13,5800			13,5800					
Certificate	NL0013127608	SCHND60.05TL OPENH	EUR	9,6600	9,6600	9,0600			9,0600					
Certificate	NL0013081797	SCHND64.04TS OPENH	EUR											
Certificate	NL0012919823	SCHND71.89TS OPENH	EUR	12,6400	13,1000	12,6400			13,1000					
Certificate	NL0012935795	SCHND79.86TS OPENH	EUR	21,2600	21,7200	21,2600			21,7200					
Certificate	NL0012907190	SCHND79.88TS OPENH	EUR	21,2700	21,7400	21,2700			21,7400					
Certificate	NL0012214605	SCHND80.45TS OPENH	EUR	21,8900	22,3500	21,8900			22,3500					
Certificate	NL0011935671	SCHND88.02TS OPENH	EUR	30,0800	30,5400	30,0800			30,5400					
Certificate	NL0010733622	SCXP STN0820V	EUR											
Certificate	XS1444044082	SDGP STN1122K	EUR											
Certificate	DE000CJ3N823	SFER 12.66TL OPENZ	EUR	9,2100	9,2100	9,2100			9,2100					
Certificate	DE000CV8AW27	SFER 14.66TL OPENZ	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	DE000CV8AUV7	SFER 16.75TL OPENZ	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	DE000CJ3PGE7	SFER 19.25TL OPENZ	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	DE000CV89DV0	SGL 6.109TL OPENZ	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	DE000CV89CT6	SGL 7.111TL OPENZ	EUR	0,3750	0,3750	0,3750			0,3750					
Certificate	DE000CJ3PA67	SGL 7.908TL OPENZ	EUR	0,2100	0,2150	0,2100	6,3000	1	0,2150	30				
Certificate	DE000CJ3PS83	SGRE 6.47TL OPENZ	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	DE000CJ3NOF2	SGRE 7.47TL OPENZ	EUR	2,8200	2,8200	2,8200			2,8200					
Certificate	DE000CJ3NKM7	SGRE 8.47TL OPENZ	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000CJ3N1B9	SHA 6.51TL OPENZ	EUR	0,6350	0,6350	0,6350			0,6350					
Certificate	DE000CJ3PQ02	SHA 8.51TL OPENZ	EUR											
Certificate	DE000CJ3PU71	SHA 8.52TL OPENZ	EUR	0,2450	0,2450	0,2450			0,2450					
Certificate	DE000CJ3PPT6	SHA 5.611TL OPENZ	EUR	0,8150	0,8150	0,8150			0,8150					
Certificate	DE000CJ3NX96	SHA 7.515TL OPENZ	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	DE000CE6E887	SHA 8.524TL OPENZ	EUR											
Certificate	DE000CE6BQN5	SHELL LEVOPENZ	EUR	79,3150	79,3150	71,8400	2856,8200	4	71,8400	38				
Certificate	DE000CE6BQD6	SHELL SHROOPENZ	EUR	7,8600	8,6700	7,8600			8,6700					
Certificate	XS1346710848	SHELL STN0119B	EUR	109,5000	109,5000	109,5000			109,5000					
Certificate	DE000CX59NA2	SHELL 18TL OPENC	EUR	11,6600	11,6600	11,6600			11,6600					
Certificate	DE000CX00EP3	SHELL 20TL OPENC	EUR	11,4200	11,4200	11,4200			11,4200					
Certificate	DE000CX00FP0	SHELL 20TL OPENC	EUR	10,5300	10,5300	10,5300			10,5300					
Certificate	DE000CY51717	SHELL 20TL OPENC	EUR	9,5400	9,5400	9,5400			9,5400					
Certificate	DE000CX01FQ6	SHELL 21TL OPENC	EUR	10,4800	10,4800	10,4800			10,4800					
Certificate	NL0011998158	SHELL 21TL OPENH	EUR	8,2400	8,2400	7,8100			7,8100					
Certificate	NL0012494926	SHELL 22TL OPENB	EUR	7,3750	7,4500	6,9550	5028,7500	1	6,9550	675				
Certificate	DE000CX59Q92	SHELL 22TL OPENC	EUR	8,5600	8,5600	8,5600			8,5600					
Certificate	DE000CY51725	SHELL 22TL OPENC	EUR	7,6200	7,6200	7,6200			7,6200					
Certificate	DE000CX59NB0	SHELL 22TL OPENC	EUR	7,8200	7,8200	7,5700	2009,7400	1	7,5700	257				
Certificate	NL0012496830	SHELL 23TL OPENB	EUR	6,4350	6,4350	6,0150	1248,0000	1	6,0150	200				
Certificate	DE000CY50UW8	SHELL 23TL OPENC	EUR	5,9500	5,9500	5,9500			5,9500					
Certificate	DE000CY50XK7	SHELL 23TL OPENC	EUR	6,9800	6,9800	6,9800			6,9800					
Certificate	DE000VA8F4X1	SHELL 24TL 0319V	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	DE000CJ3PBC2	SHELL 24TL 1218Z	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	NL0012685077	SHELL 24TL OPENB	EUR	5,5150	5,6000	5,0950	1070,0000	2	5,0950	200				
Certificate	DE000CY51H17	SHELL 24TL OPENC	EUR	5,7100	5,7100	5,7100			5,7100					
Certificate	DE000CQ5A156	SHELL 24TL OPENC	EUR	4,0600	4,0600	4,0600			4,0600					
Certificate	DE000CY51FT3	SHELL 24TL OPENC	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	NL0012236228	SHELL 25BON1218Z	EUR	27,2200	27,2200	27,2200			27,2200					
Certificate	DE000VA8FYF3	SHELL 25TL 0319V	EUR	2,0100	2,0100	2,0100			2,0100					



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	DE000VA8F1Y5	SHELL 25TL 1218V	EUR	2,1700	2,1700	2,1700			2,1700					
Certificate	NL0012779888	SHELL 25TL OPENB	EUR	4,5350	4,6500	4,1100	7680,5000	6	4,1150	1700				
Certificate	DE000CQ5AT58	SHELL 25TL OPENC	EUR	4,3400	4,3400	3,9800	503,4400	1	3,9800	116				
Certificate	DE000CQ5AQ02	SHELL 25TL OPENC	EUR	3,1000	3,1000	3,1000								
Certificate	DE000CY52W09	SHELL 25TL OPENC	EUR	3,3800	3,3800	3,3800								
Certificate	DE000CQ5BHP7	SHELL 25TL OPENC	EUR	3,6800	3,6800	3,6800								
Certificate	DE000VA71PB8	SHELL 26TL 0319V	EUR	1,3800	1,3800	1,2200	4790,0000	2	1,2200	3500				
Certificate	DE000VA8FYE6	SHELL 26TL 1218V	EUR	1,3000	1,3000	1,3000								
Certificate	NL0012781736	SHELL 26TL OPENB	EUR	3,5950	3,7050	3,1750	370,0000	1	3,1750	100				
Certificate	DE000CQ58Z89	SHELL 26TL OPENC	EUR	1,5800	1,5800	1,5800								
Certificate	DE000CQ5AHQ7	SHELL 26TL OPENC	EUR	2,0900	2,0900	2,0900								
Certificate	DE000CQ5AKJ6	SHELL 26TL OPENC	EUR	3,0000	3,0000	3,0000								
Certificate	DE000CP06PM9	SHELL 26TL OPENC	EUR	2,4600	2,4600	2,4600								
Certificate	DE000VA80HP6	SHELL 27TL 0319V	EUR											
Certificate	DE000VA80HN1	SHELL 27TL 1218V	EUR											
Certificate	NL0013145998	SHELL 27TL OPENB	EUR	2,6450	2,6450	2,2250	1270,0000	1	2,2250	500				
Certificate	DE000CQ5AV88	SHELL 27TL OPENC	EUR											
Certificate	DE000CQ5BEC2	SHELL 27TL OPENC	EUR											
Certificate	DE000VA8F1X7	SHELL 28TS 0319V	EUR											
Certificate	DE000VA8F113	SHELL 28TS 1218V	EUR											
Certificate	NL0013127558	SHELL 28TS OPENH	EUR											
Certificate	NL0012649206	SHELL 29B0C1218Z	EUR	28,4750	28,4750	28,4750				28,4750				
Certificate	NL0012648828	SHELL 29B0N1218Z	EUR	28,6700	28,6700	28,6700				28,6700				
Certificate	DE000VA71N77	SHELL 29TS 0319V	EUR	1,9400	2,4900	1,9400	3940,0000	2	2,4900	2000				
Certificate	DE000VA71PE2	SHELL 29TS 1218V	EUR	2,2500	2,2500	2,2500				2,2500				
Certificate	DE000CP06X71	SHELL 29TS OPENC	EUR	1,9200	1,9200	1,9200				1,9200				
Certificate	NL0012649214	SHELL 30B0C0619Z	EUR	28,3300	28,3300	28,3300				28,3300				
Certificate	NL0012648836	SHELL 30B0N0619Z	EUR	28,7400	28,7400	28,7400				28,7400				
Certificate	DE000VA71N93	SHELL 30TS 0319V	EUR	3,5700	3,5700	3,5700				3,5700				
Certificate	DE000VA71PJ1	SHELL 30TS 1218V	EUR	3,2800	3,2800	3,2800				3,2800				
Certificate	DE000CP07A77	SHELL 30TS OPENC	EUR	3,9900	3,9900	3,9900				3,9900				
Certificate	NL0012793061	SHELL 31B0C1218B	EUR	29,6100	29,6100	29,1700	29536,3000	4	29,1700	1002				
Certificate	DE000VA7PT38	SHELL 31TS 0319V	EUR	4,6200	4,6200	4,6200				4,6200				
Certificate	DE000VA6T175	SHELL 31TS 1218V	EUR	4,2800	4,2800	4,2800				4,2800				
Certificate	NL0012792410	SHELL 31TS OPENB	EUR	5,7550	6,1650	5,7550	1755,0000	1	6,1650	300				
Certificate	DE000CQ5B0N3	SHELL 31TS OPENC	EUR	3,3000	3,3000	3,3000				3,3000				
Certificate	NL0012648349	SHELL 32B0C0619Z	EUR	30,0600	30,0600	30,0600				30,0600				
Certificate	NL0013003312	SHELL 32B0C0919B	EUR	27,6200	27,6900	27,1700	4984,2000	1	27,1700	180				
Certificate	DE000VA7PT46	SHELL 32TS 0319V	EUR	5,6500	5,6500	5,6500				5,6500				
Certificate	DE000VA6T3A7	SHELL 32TS 1218V	EUR	5,2800	5,2800	5,2800				5,2800				
Certificate	NL0012788863	SHELL 32TS OPENB	EUR	6,8950	7,3050	6,8950				7,3050				
Certificate	DE000CQ5AF57	SHELL 32TS OPENC	EUR	3,8100	3,8100	3,8100				3,8100				
Certificate	DE000VA7PT53	SHELL 33TS 0319V	EUR	6,6600	6,6600	6,6600				6,6600				
Certificate	DE000CQ5AQ10	SHELL 34TS OPENC	EUR	5,8100	5,8100	5,8100				5,8100				
Certificate	DE000CQ5BFJ4	SHELL 34TS OPENC	EUR	7,5000	7,5000	7,5000				7,5000				
Certificate	DE000CQ5BTE6	SHELL 34TS OPENC	EUR	6,8100	6,8100	6,8100				6,8100				
Certificate	DE000CY522G9	SHELL 34TS OPENC	EUR	6,2800	6,2800	6,2800				6,2800				
Certificate	DE000CY51XE8	SHELL 34TS OPENC	EUR	4,7500	4,7500	4,7500				4,7500				
Certificate	DE000CQ5AT74	SHELL 35TS OPENC	EUR	8,0600	8,0600	8,0600				8,0600				
Certificate	DE000CQ5BHQ5	SHELL 35TS OPENC	EUR	8,5600	8,5600	8,5600				8,5600				
Certificate	DE000CP07A85	SHELL 35TS OPENC	EUR	9,1800	9,1800	9,1800				9,1800				
Certificate	DE000CP064U4	SHELL 35TS OPENC	EUR	9,1000	9,1000	9,1000				9,1000				
Certificate	DE000CQ5B8V61	SHELL 35TS OPENC	EUR	9,0700	9,0700	9,0700				9,0700				
Certificate	DE000CQ5AX11	SHELL 36TS OPENC	EUR	8,2200	8,2200	8,2200				8,2200				
Certificate	NL0012051411	SHELL 36TS OPENH	EUR	11,1900	11,6600	11,1900				11,6600				
Certificate	NL0011635974	SHELL 5.7TL OPENB	EUR	22,4750	22,4750	22,0550				22,0550				
Certificate	NL0011635982	SHELL 6.8TL OPENB	EUR	21,4750	21,4750	21,0550				21,0550				
Certificate	NL0009258607	SHELL 8.8TL OPENB	EUR	19,1950	19,1950	19,1950				19,1950				
Certificate	NL0011413950	SHELL 9.6TL OPENH	EUR	18,8500	18,8500	18,4100				18,4100				
Certificate	NL0009514223	SHELL 10.1TL OPENB	EUR	18,0150	18,0150	18,0150				18,0150				
Certificate	NL0009558519	SHELL 11.2TL OPENB	EUR	16,9950	16,9950	16,9950				16,9950				
Certificate	NL0011039847	SHELL 11.8TL OPENH	EUR	16,8000	16,8000	16,3600				16,3600				
Certificate	NL0011593405	SHELL 12.2TL OPENH	EUR	16,4300	16,4300	15,9900				15,9900				
Certificate	NL0009875251	SHELL 12.3TL OPENB	EUR	15,9450	15,9450	15,9450				15,9450				
Certificate	NL0011638549	SHELL 13.4TL OPENB	EUR	15,3350	15,3350	14,9150				14,9150				
Certificate	NL0011648712	SHELL 14.4TL OPENB	EUR	14,3850	14,3850	13,9650				13,9650				
Certificate	NL0011649967	SHELL 15.5TL OPENB	EUR	13,4150	13,4150	12,9950				12,9950				
Certificate	DE000CN6HXF3	SHELL 15.6TL OPENZ	EUR	12,2700	12,2700	11,7400				11,7400				
Certificate	NL0011654546	SHELL 16.6TL OPENB	EUR	12,4050	12,4050	11,9850				11,9850				
Certificate	DE000CX0KHC8	SHELL 17.5TL OPENC	EUR	13,4400	13,4400	13,4400				13,4400				
Certificate	NL0011800081	SHELL 17.6TL OPENB	EUR	11,3850	11,3850	10,9650				10,9650				
Certificate	DE000CN6L154	SHELL 18.4TL OPENZ	EUR	9,9850	9,9850	9,4400				9,4400				



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	NL0012020382	SHELL 18.7TL OPENB	EUR	10,3750	10,3750	9,9550			9,9550					
Certificate	NL0012030654	SHELL 19.8TL OPENB	EUR	9,4050	9,4050	8,9850	23250,0000	2	8,9850	2500				
Certificate	NL0012021000	SHELL 19.98L OPENB	EUR	8,1450	8,1450	7,7250			7,7250					
Certificate	NL0011996350	SHELL 20.5TL OPENH	EUR	8,7100	8,7100	8,2700			8,2700					
Certificate	DE000CD636V1	SHELL 20.6TL OPENZ	EUR	7,2800	7,2800	6,7400			6,7400					
Certificate	NL0012036321	SHELL 20.9TL OPENB	EUR	8,3750	8,3750	7,9550			7,9550					
Certificate	DE000CV8ABN4	SHELL 22.5TL 1218Z	EUR	4,5500	4,5500	4,5500			4,5500					
Certificate	DE000VL37F93	SHELL 22.9TL OPENV	EUR	6,5800	6,5800	6,5800			6,5800					
Certificate	DE000VL2FTH9	SHELL 22.9TL OPENV	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	DE000VNG2C13	SHELL 22.9TL OPENV	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	DE000VL37GA7	SHELL 23.4TL OPENV	EUR	6,1000	6,1000	6,1000			6,1000					
Certificate	DE000VL37GB5	SHELL 23.9TL OPENV	EUR	5,6100	5,6100	5,6100			5,6100					
Certificate	DE000VL37GC3	SHELL 24.4TL OPENV	EUR	5,5800	5,5900	5,1300	333,0000	2	5,1300	60				
Certificate	DE000CV8ABP9	SHELL 25.5TL 1218Z	EUR	1,9500	2,1300	1,6250	2925,0000	3	1,6250	1500				
Certificate	NL0012494637	SHELL 25.8BOC1218B	EUR	25,7300	25,7300	25,7300			25,7300					
Certificate	NL0012236301	SHELL 26.5BOC1218Z	EUR	26,4400	26,4400	26,4400			26,4400					
Certificate	LU1817382606	SHELL 27.5CIOPEMS	EUR											
Certificate	NL0013017346	SHELL 27.9TS OPENB	EUR											
Certificate	NL0013125727	SHELL 28.5TS OPENH	EUR											
Certificate	NL0013015720	SHELL 28.9TS OPENB	EUR	3,4850	3,8950	3,4850			3,8950					
Certificate	NL0013010242	SHELL 29.9TS OPENB	EUR	4,6450	5,0550	4,6450			5,0550					
Certificate	NL0011413992	SHELL 3.29TL OPENH	EUR	24,7100	24,7100	24,2800			24,2800					
Certificate	LU1840912676	SHELL 30.1TPIOPEMS	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	DE000CV8AU60	SHELL 32.5TS 1218Z	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	NL0012790570	SHELL 32.9TS OPENB	EUR	7,8750	8,2850	7,8750			8,2850					
Certificate	NL0012330120	SHELL 35.7TS OPENH	EUR	10,8600	11,3400	10,8600			11,3400					
Certificate	DE000CV8ABR5	SHELL 37.5TS 1218Z	EUR	10,7200	10,7200	10,7200			10,7200					
Certificate	DE000CV89101	SHELL 39.5TS OPENZ	EUR	12,2800	12,2800	12,2800			12,2800					
Certificate	NL0011413984	SHELL 4.87TL OPENH	EUR	23,2500	23,2500	22,8100			22,8100					
Certificate	DE000CM3YYQ1	SHELL 5.58TL OPENZ	EUR	2,2400	2,2400	2,1850			2,1850					
Certificate	DE000CM3YLV8	SHELL 6.21TL OPENZ	EUR	21,8250	21,8250	21,2800			21,2800					
Certificate	NL0011413976	SHELL 6.44TL OPENH	EUR	21,7800	21,7800	21,3400			21,3400					
Certificate	NL0011413968	SHELL 8.02TL OPENH	EUR	20,3100	20,3100	19,8800			19,8800					
Certificate	NL0011536693	SHELL10.27BL OPENB	EUR	17,7350	17,7350	17,3150			17,3150					
Certificate	NL0011529086	SHELL11.35BL OPENB	EUR	16,6550	16,6550	16,2350			16,2350					
Certificate	NL0011434089	SHELL12.43BL OPENB	EUR	15,5750	15,5750	15,1550			15,1550					
Certificate	NL0011593397	SHELL12.72TL OPENH	EUR	15,9400	15,9400	15,5000			15,5000					
Certificate	DE000CN6E5P9	SHELL13.51TL OPENZ	EUR	14,3600	14,3600	13,8200			13,8200					
Certificate	NL0011602545	SHELL13.76TL OPENH	EUR	14,9700	14,9700	14,5300			14,5300					
Certificate	DE000CR9S2Y1	SHELL14.59TL OPENZ	EUR	13,2800	13,2800	12,7500			12,7500					
Certificate	DE000G2RMP2	SHELL15.29TL OPENC	EUR	17,5300	17,5300	17,5300			17,5300					
Certificate	NL0011719984	SHELL15.33TL OPENH	EUR	13,5100	13,5100	13,0800			13,0800					
Certificate	NL0011649090	SHELL15.65BL OPENB	EUR	12,3550	12,3550	11,9350			11,9350					
Certificate	NL0011719976	SHELL15.85TL OPENH	EUR	13,0300	13,0300	12,5900			12,5900					
Certificate	NL0011719968	SHELL16.37TL OPENH	EUR	12,5400	12,5400	12,1100			12,1100					
Certificate	DE000CN6JRD6	SHELL16.63TL OPENZ	EUR	11,2550	11,2550	10,7100			10,7100					
Certificate	NL0011654223	SHELL16.72BL OPENB	EUR	11,2850	11,2850	10,8650			10,8650					
Certificate	DE000CN6K1A3	SHELL16.88TL OPENZ	EUR	11,4650	11,4650	10,9200			10,9200					
Certificate	NL0011719950	SHELL16.89TL OPENH	EUR	12,0600	12,0600	11,6200			11,6200					
Certificate	NL0011721865	SHELL17.41TL OPENH	EUR	11,5800	11,5800	11,1400			11,1400					
Certificate	DE000CN6JWE4	SHELL17.63TL OPENZ	EUR	10,2400	10,2400	9,7100			9,7100					
Certificate	NL0011799093	SHELL17.78BL OPENB	EUR	10,2150	10,2150	9,7950			9,7950					
Certificate	NL0011729322	SHELL17.92TL OPENH	EUR	11,1100	11,1100	10,6700			10,6700					
Certificate	NL0011729314	SHELL18.44TL OPENH	EUR	10,6300	10,6300	10,1900			10,1900					
Certificate	DE000CN6K8Z5	SHELL18.62TL OPENZ	EUR	9,2600	9,2600	8,7200			8,7200					
Certificate	NL0012019632	SHELL18.84BL OPENB	EUR	9,1650	9,1650	8,7450			8,7450					
Certificate	NL0011978309	SHELL18.93TL OPENH	EUR	10,1700	10,1700	9,7300			9,7300					
Certificate	NL0011979018	SHELL19.44TL OPENH	EUR	9,6900	9,6900	9,2500			9,2500					
Certificate	DE000CN6L1V8	SHELL19.62TL OPENZ	EUR	8,2650	8,2650	7,7300			7,7300					
Certificate	DE000CD63872	SHELL19.93TL OPENZ	EUR	8,4950	8,4950	7,9500			7,9500					
Certificate	NL0011980107	SHELL19.99TL OPENH	EUR	9,1800	9,1800	8,7400			8,7400					
Certificate	NL0012034284	SHELL20.95BL OPENB	EUR	7,0850	7,0850	6,6650			6,6650					
Certificate	DE000CD63WY7	SHELL21.45TL OPENZ	EUR	7,0150	7,0150	6,4700			6,4700					
Certificate	NL0011998232	SHELL21.51TL OPENH	EUR	7,7600	7,7600	7,3200			7,3200					
Certificate	DE000VN66VY1	SHELL21.67TL OPENV	EUR	7,0200	7,0200	7,0200			7,0200					
Certificate	DE000CD63SQ1	SHELL21.95TL OPENZ	EUR	5,8750	5,8750	5,3400	1094,0000	1	5,3400	200				
Certificate	NL0012492813	SHELL21.98BL OPENB	EUR	6,0550	6,0550	5,6350			5,6350					
Certificate	NL0012579379	SHELL22.02TL OPENH	EUR	7,2900	7,2900	6,8500			6,8500					
Certificate	DE000VL2FLH6	SHELL22.19TL OPENV	EUR	6,5100	6,5100	6,5100			6,5100					
Certificate	NL0012518138	SHELL22.53TL OPENH	EUR	6,8200	6,8200	6,3800			6,3800					
Certificate	DE000CE6ESY2	SHELL22.73TL OPENZ	EUR	4,9300	5,1700	4,6100	24400,0000	6	4,6100	4800				
Certificate	DE000VN62C05	SHELL22.87TL OPENV	EUR	7,0700	7,0700	7,0700			7,0700					



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	DE000CE6EX38	SHELL22.99TL OPENZ	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	NL0012495816	SHELL23.01BL OPENB	EUR	5,0250	5,0700	4,6050	202,8000	1	4,6050	40				
Certificate	NL0012565519	SHELL23.03TL OPENH	EUR	6,3600	6,3600	5,9200			5,9200					
Certificate	DE000VL2FUH7	SHELL23.42TL OPENV	EUR	4,9800	4,9800	4,9800			4,9800					
Certificate	LU1696513024	SHELL23.46TCIOPENS	EUR	5,2000	5,2400	4,7400	5735,5900	8	4,7400	1123				
Certificate	NL0012565501	SHELL23.53TL OPENH	EUR	5,8800	5,8800	5,4500			5,4500					
Certificate	DE000CE6EW21	SHELL23.73TL OPENZ	EUR	3,9600	3,9600	3,6100	8868,0000	3	3,6100	2300				
Certificate	LU1784831023	SHELL23.92TL OPENS	EUR											
Certificate	DE000VL2FUJ3	SHELL23.92TL OPENV	EUR	4,4700	4,4700	4,4700			4,4700					
Certificate	NL0012684500	SHELL24.02BL OPENB	EUR	4,0150	4,0150	3,5950	3900,0000	1	3,5950	1000				
Certificate	NL0012565493	SHELL24.04TL OPENH	EUR	5,4100	5,4100	4,9700			4,9700					
Certificate	DE000VL76DE4	SHELL24.22TL OPENV	EUR	3,9700	3,9700	3,9700			3,9700					
Certificate	DE000VL76DC8	SHELL24.64TL OPENV	EUR	4,6500	4,6500	4,6500			4,6500					
Certificate	DE000VL76DF1	SHELL24.72TL OPENV	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	DE000CV501E1	SHELL24.72TL OPENZ	EUR	2,6500	2,6500	2,6500			2,6500					
Certificate	DE000VL8XKU1	SHELL24.95TL OPENV	EUR	3,3200	3,4800	2,9200	5906,4700	18	2,9600	1798				
Certificate	NL0012779482	SHELL25.04BL OPENB	EUR	2,9950	3,0200	2,5750	32230,0000	11	2,5750	11200				
Certificate	NL0012602809	SHELL25.05TL OPENH	EUR	4,4600	4,4600	4,0300	4400,0000	1	4,0300	1000				
Certificate	DE000CV88970	SHELL25.05TL OPENZ	EUR	3,3500	3,3500	2,9800	1005,0000	1	2,9800	300				
Certificate	DE000VL76DD6	SHELL25.14TL OPENV	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	DE000VL95488	SHELL25.33TL OPENV	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000VL97QQ6	SHELL25.46TL OPENV	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CV889F7	SHELL25.72TL OPENZ	EUR	2,1000	2,1000	1,6100	40090,0000	13	1,6100	23000				
Certificate	LU1719708817	SHELL25.74TCIOPENS	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000VA1B3M7	SHELL25.84TL OPENV	EUR	3,2300	3,2300	3,2300			3,2300					
Certificate	DE000VA1B7A3	SHELL25.96TL OPENV	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0012781421	SHELL26.05BL OPENB	EUR	1,9900	2,1000	1,5650	121350,9000	25	1,5650	62020				
Certificate	NL0012604508	SHELL26.06TL OPENH	EUR	3,5400	3,5800	3,1000	537,0000	1	3,1000	150				
Certificate	LU1719793744	SHELL26.19TCIOPENS	EUR	1,7500	1,7500	1,7500			1,7500					
Certificate	DE000VA1B661	SHELL26.34TL OPENV	EUR	2,7600	2,7600	2,7600			2,7600					
Certificate	DE000VA1B7C9	SHELL26.46TL OPENV	EUR	1,4500	1,4500	1,4500			1,4500					
Certificate	DE000CJ3PR35	SHELL26.55TL OPENZ	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	DE000CJ3PM63	SHELL26.55TL OPENZ	EUR											
Certificate	LU1859907021	SHELL26.56TCIOPENS	EUR	1,2600	1,2600	1,0100	2709,0000	1	1,0100	2150				
Certificate	DE000CV88C12	SHELL26.69TL OPENZ	EUR											
Certificate	DE000CJ3PQZ1	SHELL26.71TL OPENZ	EUR	1,1900	1,2600	0,6700	3690,8600	39	0,6700	3288				
Certificate	DE000VA1GMM7	SHELL26.84TL OPENV	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	LU1784831296	SHELL26.91TL OPENS	EUR											
Certificate	NL0013128523	SHELL27.01TL OPENH	EUR	2,6500	2,6500	2,2200			2,2200					
Certificate	LU1756377617	SHELL27.08TCIOPENS	EUR											
Certificate	LU1817373449	SHELL27.11TCIOPENS	EUR											
Certificate	LU1859912617	SHELL27.19TCIOPENS	EUR	0,8300	0,8300	0,3900	4034,0000	4	0,3900	6400				
Certificate	DE000VA1GQ87	SHELL27.34TL OPENV	EUR											
Certificate	LU1859906486	SHELL28.12TPIOPENS	EUR											
Certificate	LU1841029785	SHELL28.92TPIOPENS	EUR	1,5200	1,7700	1,5200	6,1400	2	1,7700	4				
Certificate	DE000VA3TFL2	SHELL29.03TL OPENV	EUR											
Certificate	NL0013082647	SHELL29.46TS OPENH	EUR	4,1100	4,5800	4,1100			4,5800					
Certificate	DE000VA3TK03	SHELL29.53TL OPENV	EUR											
Certificate	LU1841029868	SHELL29.53TPIOPENS	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000VA3THB9	SHELL29.58TS OPENV	EUR											
Certificate	NL0013009061	SHELL29.65BS OPENB	EUR	2,1650	2,5750	2,1650			2,5750					
Certificate	DE000CJ3PM71	SHELL29.66TS OPENZ	EUR	3,3100	3,3100	3,3100			3,3100					
Certificate	DE000VA27L9	SHELL30.08TS OPENV	EUR											
Certificate	NL0012864896	SHELL30.51TS OPENH	EUR	5,2500	5,7200	5,2500			5,7200					
Certificate	DE000CE6FHC8	SHELL30.52TS OPENZ	EUR	2,8600	3,3200	2,8600	572,0000	1	3,3200	200				
Certificate	NL0012695597	SHELL30.65BS OPENB	EUR	3,1650	3,5750	3,1650			3,5750					
Certificate	NL0012603708	SHELL30.86TS OPENH	EUR	5,6300	6,1000	5,6300			6,1000					
Certificate	DE000VA1SR98	SHELL31.09TS OPENV	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000VA1SR80	SHELL31.23TS OPENV	EUR	3,3300	3,3300	3,3300			3,3300					
Certificate	NL0012615678	SHELL31.44TS OPENH	EUR	6,2500	6,7300	6,2500			6,7300					
Certificate	NL0012783617	SHELL31.63BS OPENB	EUR	4,1450	4,5550	4,1450			4,5550					
Certificate	NL0012608590	SHELL31.88TS OPENH	EUR	6,7200	7,2000	6,7200			7,2000					
Certificate	LU1756830383	SHELL32.18TPIOPENS	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	NL0012606743	SHELL32.36TS OPENH	EUR	7,2500	7,7300	7,2500			7,7300					
Certificate	LU1757001539	SHELL32.47TPIOPENS	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	DE000CV88C20	SHELL32.51TS OPENZ	EUR	5,3000	5,3000	5,3000			5,3000					
Certificate	DE000VL5R8S8	SHELL32.57TS OPENV	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	NL0012784961	SHELL32.61BS OPENB	EUR	5,1350	5,5450	5,1350			5,5450					
Certificate	DE000VL5R8Q2	SHELL32.77TS OPENV	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	NL0012330898	SHELL32.81TS OPENH	EUR	7,7300	8,2100	7,7300			8,2100					
Certificate	LU1784831536	SHELL32.89TS OPENS	EUR											
Certificate	DE000VA1SRW0	SHELL33.03TS OPENV	EUR	6,3000	6,3000	6,3000			6,3000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VL5R8T6	SHELL33.07TS OPENV	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CV88UP8	SHELL33.16TS OPENZ	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	DE000VA15R58	SHELL33.19TS OPENV	EUR	4,2900	4,8300	4,2900	4,2900	1	4,8300		1			
Certificate	DE000VL5R8R0	SHELL33.27TS OPENV	EUR	4,3100	4,3100	4,3100			4,3100					
Certificate	NL0011039763	SHELL33.39TS OPENH	EUR	8,3500	8,8300	8,3500			8,8300					
Certificate	DE000VA15TR6	SHELL33.53TS OPENV	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	DE000VA2T4Z6	SHELL33.58TS OPENV	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	NL0013001761	SHELL33.61BS OPENB	EUR	6,1350	6,5450	6,1350			6,5450					
Certificate	DE000VA1ZCR7	SHELL33.66TS OPENV	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	DE000VA1ZFN9	SHELL34.16TS OPENV	EUR	5,3300	5,8100	5,3300	11,0300	2	5,8100		2			
Certificate	NL0012852305	SHELL34.29TS OPENH	EUR	9,3300	9,8100	9,3300			9,8100					
Certificate	DE000VA1ZGP2	SHELL34.46TS OPENV	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	NL0012864888	SHELL34.47TS OPENH	EUR	9,5200	10,0000	9,5200			10,0000					
Certificate	DE000CV88NL2	SHELL34.51TS OPENZ	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	NL0013002660	SHELL34.62BS OPENB	EUR	7,1350	7,5450	7,1350			7,5450					
Certificate	DE000VA15NY2	SHELL34.74TS OPENV	EUR	6,7800	6,7800	6,7800			6,7800					
Certificate	NL0012849459	SHELL34.78TS OPENH	EUR	9,8600	10,3400	9,8600			10,3400					
Certificate	NL0012432132	SHELL34.95TS OPENH	EUR	10,0500	10,5200	10,0500			10,5200					
Certificate	NL0012433452	SHELL34.95TS OPENH	EUR	10,0400	10,5200	10,0400			10,5200					
Certificate	DE000VA15N50	SHELL35.07TS OPENV	EUR	8,8600	8,8600	8,8600			8,8600					
Certificate	DE000VA15N43	SHELL35.25TS OPENV	EUR	7,2900	7,2900	7,2900			7,2900					
Certificate	DE000VA15P41	SHELL35.57TS OPENV	EUR	9,3800	9,3800	9,3800			9,3800					
Certificate	DE000VA15RT3	SHELL35.73TS OPENV	EUR	7,7800	7,7800	7,7800			7,7800					
Certificate	LU1784831452	SHELL35.88TS OPENS	EUR											
Certificate	DE000CJ3NVQ5	SHELL36.65TS OPENZ	EUR	10,5400	10,5400	10,5400			10,5400					
Certificate	NL0012054183	SHELL37.53TS OPENH	EUR	12,8400	13,3100	12,8400			13,3100					
Certificate	NL0012579361	SHELL39.05TS OPENH	EUR	14,4800	14,9600	14,4800			14,9600					
Certificate	NL0012531339	SHELL39.59TS OPENH	EUR	15,0600	15,5400	15,0600			15,5400					
Certificate	NL0012536783	SHELL39.64TS OPENH	EUR	15,1100	15,5900	15,1100			15,5900					
Certificate	NL0012548226	SHELL41.24TS OPENH	EUR	16,8500	17,3300	16,8500			17,3300					
Certificate	NL0012538474	SHELL42.58TS OPENH	EUR	18,2900	18,7700	18,2900			18,7700					
Certificate	NL0013081789	SHELL44.93TS OPENH	EUR	20,8300	21,3100	20,8300			21,3100					
Certificate	NL0012609747	SHELL45.21TS OPENH	EUR	21,1400	21,6100	21,1400			21,6100					
Certificate	NL0012847198	SHELL45.28TS OPENH	EUR	21,2100	21,6900	21,2100			21,6900					
Certificate	DE000CV87KU1	SHOP110.1TL OPENZ	EUR	1,7850	1,7850	1,7850			1,7850					
Certificate	DE000CV88KA1	SHOP120.8TL OPENZ	EUR	1,3450	1,3450	1,3450			1,3450					
Certificate	DE000CJ3N6T0	SHOP189.37TL OPENZ	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	DE000CV88M77	SHOP199.37TL OPENZ	EUR	2,2350	2,2350	2,2350			2,2350					
Certificate	DE000CV4ZJV6	SHP 24.46TL OPENZ	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	DE000CV4YZV5	SHP 27.26TL OPENZ	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000CV4YYB0	SHP 29.97TL OPENZ	EUR	1,9700	1,9700	1,9700			1,9700					
Certificate	DE000CV885U4	SHP 34.27TL OPENZ	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	DE000CV88TE4	SHP 38.53TL OPENZ	EUR	1,0600	1,0600	1,0600			1,0600					
Certificate	DE000CX0KZA4	SIEME 80TL OPENC	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000CX0KZB2	SIEME 90TL OPENC	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0009867100	SIEME 37.3TL OPENB	EUR	6,8350	6,8350	6,8350			6,8350					
Certificate	NL0011051156	SIEME 50.6TL OPENH	EUR	5,5700	5,5700	5,5600			5,5600					
Certificate	NL0010444832	SIEME 70.8TL OPENB	EUR	3,7150	3,7150	3,7150			3,7150					
Certificate	NL0011654686	SIEME 78.7TL OPENB	EUR	2,9650	2,9850	2,9650			2,9850					
Certificate	NL0011715180	SIEME 81.9TL OPENH	EUR	2,6400	2,6400	2,6400			2,6400					
Certificate	NL0011927066	SIEME 85.2TL OPENH	EUR	2,3300	2,3300	2,3200			2,3200					
Certificate	NL0011911417	SIEME 87.3TL OPENB	EUR	2,1650	2,1750	2,1650			2,1750					
Certificate	NL0011929997	SIEME 89.3TL OPENH	EUR	1,9400	1,9400	1,9400			1,9400					
Certificate	NL001298637	SIEME 94.3BL OPENB	EUR	0,9550	0,9700	0,9550	48,5000	1	0,9650		50			
Certificate	NL0012030696	SIEME 96.8TL OPENB	EUR	1,2850	1,2950	1,2850			1,2950					
Certificate	NL0013083199	SIEME 97.2TL OPENH	EUR	1,2100	1,2100	1,2000			1,2000					
Certificate	NL0013126535	SIEME101.1TS OPENH	EUR											
Certificate	NL0013009087	SIEME104.5BS OPENB	EUR	0,2650	0,2650	0,2450			0,2450					
Certificate	NL0013083181	SIEME106.9TS OPENH	EUR	1,2200	1,2400	1,2200			1,2400					
Certificate	NL0013007388	SIEME108.9TS OPENB	EUR	1,4750	1,4750	1,4650			1,4650					
Certificate	NL0012998652	SIEME114.5BS OPENB	EUR	1,2650	1,2650	1,2450			1,2450					
Certificate	NL0012935803	SIEME114.7TS OPENH	EUR	2,0500	2,0800	2,0500			2,0800					
Certificate	NL0012986764	SIEME119.8TS OPENB	EUR	2,6550	2,6550	2,6350			2,6350					
Certificate	NL0012307441	SIEME122.3TS OPENH	EUR	2,8800	2,9000	2,8800			2,9000					
Certificate	NL0012986660	SIEME124.5BS OPENB	EUR	2,2550	2,2550	2,2450			2,2450					
Certificate	NL0012365472	SIEME129.6TS OPENH	EUR	3,6600	3,6800	3,6600			3,6800					
Certificate	NL0011084538	SIEME131.7TS OPENB	EUR	3,9350	3,9350	3,9000	249,6000	1	3,9250		64			
Certificate	NL0012175608	SIEME132.4TS OPENH	EUR	3,9700	3,9900	3,9700			3,9900					
Certificate	NL0012201800	SIEME132.8TS OPENH	EUR	4,0100	4,0300	4,0100			4,0300					
Certificate	NL0012175590	SIEME151.6TS OPENH	EUR	6,0300	6,0500	6,0300			6,0500					
Certificate	DE000CV8A534	SIEME25.34TL OPENZ	EUR											
Certificate	DE000CV8A542	SIEME30.34TL 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	DE000CR9SNJ3	SIEME65.65TL OPENZ	EUR	7,4100	7,4500	7,4100			7,4500					
Certificate	DE000CF3AFLO	SIEME71.26TL OPENC	EUR	1,6200	1,6200	1,6200			1,6200					
Certificate	DE000CR9Q0B5	SIEME73.03TL OPENZ	EUR	5,9400	5,9700	5,9400			5,9700					
Certificate	NL0013007628	SIEME74.25BL OPENB	EUR	2,9550	2,9750	2,9550			2,9750					
Certificate	DE000CF3AFK2	SIEME76.54TL OPENC	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	DE000CN6JU60	SIEME79.92TL OPENZ	EUR	4,5600	4,6050	4,5600			4,6050					
Certificate	NL0012998629	SIEME84.27BL OPENB	EUR	1,9550	1,9650	1,9550			1,9650					
Certificate	DE000CN6KKU3	SIEME87.85TL OPENZ	EUR	2,9900	3,0250	2,9900			3,0250					
Certificate	DE000CD62JG3	SIEME96.79TL OPENZ	EUR	1,2200	1,2650	1,2200			1,2650					
Certificate	DE000VN610F4	SILVE LEVOPENV	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000VN610H0	SILVE LEVOPENV	EUR	0,0400	0,0450	0,0400	472,0000	2	0,0450	11800				
Certificate	DE000VN610G2	SILVE LEVOPENV	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CE6C1G9	SILVE LEVOPENZ	EUR	1,7470	1,7640	1,7470			1,7640					
Certificate	DE000CE6C1F1	SILVE LEVOPENZ	EUR	7,2200	7,2550	7,2200			7,2550					
Certificate	NL0000293116	SILVE PI OPENN	EUR	12,6000	13,0600	12,6000			13,0600					
Certificate	DE000VN610L2	SILVE SHROPEV	EUR	1,3000	1,3000	1,3000			1,3000					
Certificate	DE000VN610I6	SILVE SHROPEV	EUR	13,5800	13,5800	13,5800			13,5800					
Certificate	DE000VN610K4	SILVE SHROPEV	EUR	3,4650	3,4650	3,4650			3,4650					
Certificate	DE000CE6C1H7	SILVE SHROPEZ	EUR	11,5750	11,5750	11,5350			11,5350					
Certificate	DE000CP063U6	SILVE 10TL OPENC	EUR	4,5900	4,5900	4,5900			4,5900					
Certificate	DE000CV8A3Z9	SILVE 12TL 1218Z	EUR	0,4950	0,5050	0,4950	1650,0000	1	0,5050	3300				
Certificate	NL00006521304	SILVE 12TL OPENB	EUR	2,9100	2,8900	2,8900	3783,0000	2	2,8900	1300				
Certificate	DE000CP06PX6	SILVE 12TL OPENC	EUR	2,9500	2,9600	2,9400	590,0000	1	2,9600	200				
Certificate	DE000CY50941	SILVE 12TL OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CV88RF5	SILVE 13TL 1218Z	EUR	0,3250	0,3250	0,3250			0,3250					
Certificate	NL0012691901	SILVE 13TL OPENB	EUR	2,1400	2,1800	2,1000	8572,0000	5	2,1100	4050				
Certificate	DE000CY50M28	SILVE 13TL OPENC	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000CP063V4	SILVE 13TL OPENC	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0010897195	SILVE 14BL OPENB	EUR	0,7300	0,8200	0,7300	5707,6000	9	0,7400	7520				
Certificate	DE000CJ3NRT7	SILVE 14TL 1218Z	EUR	0,1450	0,1800	0,1450	720,0000	1	0,1550	4000				
Certificate	NL0013003700	SILVE 14TL OPENB	EUR	1,2600	1,3800	1,2600	11268,2200	4	1,2900	8498				
Certificate	DE000VAGECT7	SILVE 14TL OPENV	EUR	1,2550	1,2550	1,2550			1,2550					
Certificate	DE000CJ3PNR5	SILVE 15TS 1218Z	EUR											
Certificate	DE000CP063W2	SILVE 15TS OPENC	EUR											
Certificate	DE000CQ5AAH1	SILVE 16TL OPENC	EUR											
Certificate	LU1790505793	SILVE 16TPIOPENS	EUR	1,0500	1,0600	1,0500			1,0600					
Certificate	DE000CV8A9M4	SILVE 16TS 1218Z	EUR	0,2350	0,2350	0,2250			0,2250					
Certificate	DE000CP07CJ1	SILVE 16TS OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000CY16QC9	SILVE 17TL OPENC	EUR											
Certificate	DE000CV8A401	SILVE 17TS 1218Z	EUR	0,4050	0,4050	0,4050			0,4050					
Certificate	DE000CQ5BPE4	SILVE 17TS OPENC	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	LU1651901578	SILVE 18TPIOPENS	EUR	2,6900	2,7100	2,6900			2,7100					
Certificate	DE000CV88RH1	SILVE 18TS 1218Z	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CY523C6	SILVE 18TS OPENC	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	DE000CV88RG3	SILVE 19TS 1218Z	EUR	0,7550	0,7550	0,7550			0,7550					
Certificate	DE000CY0AVW7	SILVE 19TS OPENC	EUR	4,4500	4,4500	4,4500			4,4500					
Certificate	DE000CX01EB1	SILVE 19TS OPENC	EUR											
Certificate	DE000CV88RJ7	SILVE 20TS 1218Z	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	DE000CY0AVX5	SILVE 20TS OPENC	EUR	5,3600	5,3600	5,3600			5,3600					
Certificate	DE000CY16QD7	SILVE 21TS OPENC	EUR	6,2900	6,2900	6,2900			6,2900					
Certificate	DE000CX0KV55	SILVE 22TS OPENC	EUR	7,1300	7,1300	7,1300			7,1300					
Certificate	NL0011050158	SILVE 23TS OPENH	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	DE000CX0KVR7	SILVE 24TS OPENC	EUR	8,9500	8,9500	8,9500			8,9500					
Certificate	NL0011730700	SILVE 25TS OPENH	EUR	10,2000	10,2000	10,2000			10,2000					
Certificate	DE000CX0KVQ9	SILVE 26TS OPENC	EUR	10,7700	10,7700	10,7700			10,7700					
Certificate	DE000CX0KVP1	SILVE 28TS OPENC	EUR	12,5900	12,5900	12,5900			12,5900					
Certificate	DE000CX0KVN6	SILVE 30TS OPENC	EUR	14,4200	14,4200	14,4200			14,4200					
Certificate	DE000CX0KVM8	SILVE 32TS OPENC	EUR	16,2400	16,2400	16,2400			16,2400					
Certificate	NL0013086978	SILVE 14.TRLOPENH	EUR	0,7500	0,7500	0,6900	82,5000	1	0,6900	110				
Certificate	NL0013087919	SILVE 14.TRLOPENH	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	NL0011417639	SILVE 6.5TL OPENH	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	NL0000450229	SILVE 7.9TL OPENB	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	DE000CV8AVZ6	SILVE 10.1TL OPENZ	EUR	4,1050	4,1400	4,1050			4,1400					
Certificate	NL0000450245	SILVE 10.2TL OPENB	EUR	4,3900	4,3900	4,3900			4,3900					
Certificate	NL0011050315	SILVE 10.3TL OPENH	EUR	4,3800	4,3800	4,3800			4,3800					
Certificate	LU1790506171	SILVE 10.5TPIOPENS	EUR	3,6400	3,6500	3,6400			3,6500					
Certificate	NL0000431641	SILVE 10.8TL OPENB	EUR	3,9200	3,9300	3,9100	392,0000	1	3,9300	100				
Certificate	NL0012990535	SILVE 11.4TL OPENB	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	NL0011050307	SILVE 11.4TL OPENH	EUR	3,4600	3,4600	3,4600	692,0000	1	3,4600	200				
Certificate	DE000VA7TF22	SILVE 12.3TL OPENV	EUR	2,6950	2,6950	2,6950			2,6950					
Certificate	LU1790506338	SILVE 12.4TPIOPENS	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	NL0012990543	SILVE 12.5TL OPENB	EUR	2,4900	2,5000	2,4900	1120,5000	1	2,4900	450				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011050299	SILVE 12.5TL OPENH	EUR	2,5200	2,5200	2,5200			2,5200					
Certificate	DE000VAGD4H8	SILVE 12.5TL OPENV	EUR	2,5150	2,5150	2,5150			2,5150					
Certificate	DE000VAGT1C7	SILVE 12.7TL OPENV	EUR	1,8650	1,8650	1,8650			1,8650					
Certificate	DE000VASREE9	SILVE 12.9TL OPENV	EUR	2,1550	2,1550	2,1550			2,1550					
Certificate	NL0012894257	SILVE 13.1TL OPENH	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0012893077	SILVE 13.1TRLOPENH	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000VAGT1D5	SILVE 13.2TL OPENV	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000VAYY33	SILVE 13.4TL OPENV	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	NL0009062306	SILVE 13.5TL OPENB	EUR	1,7600	1,8200	1,7000	9323,4000	8	1,7000	5295				
Certificate	NL0012893630	SILVE 13.5TRLOPENH	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0011050281	SILVE 13.6TL OPENH	EUR	1,6500	1,6700	1,6100	5411,0000	6	1,6100	3300				
Certificate	DE000VAGT1E3	SILVE 13.7TL OPENV	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	DE000VAG7PUX5	SILVE 13.8TL OPENV	EUR	1,4450	1,4450	1,4450			1,4450					
Certificate	NL0012903033	SILVE 14.1TL OPENH	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000VAG87E70	SILVE 14.8TS OPENV	EUR											
Certificate	NL0012989834	SILVE 15.1TS OPENB	EUR	1,0400	1,0400	1,0400			1,0400					
Certificate	DE000VASRJP4	SILVE 15.2TS OPENV	EUR	1,1050	1,1050	1,1050			1,1050					
Certificate	LU1816982414	SILVE 15.5TPIOPENS	EUR	0,6200	0,6300	0,6200			0,6300					
Certificate	NL0012989289	SILVE 15.6TS OPENB	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000VAY1X8	SILVE 15.7TS OPENV	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	DE000VAGT29J9	SILVE 15.9TL OPENV	EUR											
Certificate	DE000CV8A3J3	SILVE 15.9TS OPENZ	EUR	1,1050	1,1050	1,0850			1,0850					
Certificate	NL0012981575	SILVE 16.1TS OPENB	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000VAYY25	SILVE 16.2TS OPENV	EUR	2,0050	2,0050	2,0050			2,0050					
Certificate	DE000VAGT1B9	SILVE 16.4TS OPENV	EUR	2,2450	2,2450	2,2450			2,2450					
Certificate	DE000CV89PS0	SILVE 16.4TS OPENZ	EUR	1,5450	1,5450	1,5250			1,5250					
Certificate	LU1790505959	SILVE 16.5TPIOPENS	EUR	1,4800	1,5000	1,4800			1,5000					
Certificate	NL0012975957	SILVE 16.6TS OPENB	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	DE000VAKSG4	SILVE 16.8TS OPENV	EUR	2,5150	2,5150	2,5150			2,5150					
Certificate	NL0012203004	SILVE 16.9TL OPENH	EUR											
Certificate	NL0012889968	SILVE 16.9TS OPENH	EUR	2,7900	2,7900	2,7900			2,7900					
Certificate	DE000VAKSF6	SILVE 16.9TS OPENV	EUR	1,8850	1,8850	1,8850			1,8850					
Certificate	DE000CV89HY5	SILVE 16.9TS OPENZ	EUR	1,9750	1,9750	1,9600			1,9600					
Certificate	DE000VAKSH2	SILVE 17.3TS OPENV	EUR	2,9950	2,9950	2,9950			2,9950					
Certificate	DE000CV88FV7	SILVE 17.4TS OPENZ	EUR	2,4150	2,4150	2,4000			2,4000					
Certificate	NL0012551428	SILVE 17.9TS OPENH	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CE6EU31	SILVE 17.9TS OPENZ	EUR	2,8450	2,8450	2,8350			2,8350					
Certificate	NL0012494819	SILVE 18.2TS OPENB	EUR	3,9500	3,9500	3,9500			3,9500					
Certificate	DE000CE6CMQ5	SILVE 18.4TS OPENZ	EUR	3,2850	3,2850	3,2800			3,2800					
Certificate	LU1695121241	SILVE 18.5TPIOPENS	EUR	3,1400	3,1600	3,1400			3,1600					
Certificate	NL0011979588	SILVE 18.5TRSOOPENH	EUR	3,3700	3,3700	3,3700			3,3700					
Certificate	NL0012053326	SILVE 18.6TRSOOPENH	EUR	3,4600	3,4600	3,4600			3,4600					
Certificate	NL0012032544	SILVE 18.7TS OPENB	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	NL0012242218	SILVE 18.7TS OPENH	EUR	4,4000	4,4000	4,4000			4,4000					
Certificate	DE000VL2FN04	SILVE 18.7TS OPENV	EUR	3,1850	3,1850	3,1850			3,1850					
Certificate	DE000VL2FN12	SILVE 19.2TS OPENV	EUR	3,5950	3,5950	3,5950			3,5950					
Certificate	NL0011974183	SILVE 19.7TS OPENH	EUR	5,3300	5,3300	5,3300			5,3300					
Certificate	NL0011979802	SILVE 20.4TS OPENH	EUR	6,0000	6,0000	6,0000			6,0000					
Certificate	DE000CD62K30	SILVE 20.5TS OPENZ	EUR	5,8600	5,8600	5,8300			5,8300					
Certificate	NL0011050166	SILVE 21.1TS OPENH	EUR	6,6200	6,6200	6,6200			6,6200					
Certificate	NL0011894241	SILVE 22.7TS OPENH	EUR	8,0900	8,0900	8,0900			8,0900					
Certificate	NL0011050141	SILVE 26.8TS OPENH	EUR	11,9400	11,9400	11,9400			11,9400					
Certificate	NL0011971338	SILVE 29.1TRSOOPENH	EUR	12,6800	12,6800	12,6800			12,6800					
Certificate	NL0011894233	SILVE 29.5TS OPENH	EUR	14,4300	14,4300	14,4300			14,4300					
Certificate	DE000CG33W21	SILVE 34.5TS OPENC	EUR	17,9600	17,9600	17,9600			17,9600					
Certificate	NL0009938992	SILVE 36.6TS OPENB	EUR	20,9700	20,9700	20,9700			20,9700					
Certificate	NL0012990311	SILVE10.11BL OPENB	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	DE000CV8B318	SILVE11.11TL OPENZ	EUR	3,2250	3,2250	3,2250			3,2250					
Certificate	DE000CV8B714	SILVE11.13TL OPENZ	EUR	3,6600	3,6800	3,6600			3,6800					
Certificate	NL0012989446	SILVE11.17BL OPENB	EUR	3,3300	3,3500	3,2400	1665,0000	1	3,2400	500				
Certificate	NL0011408059	SILVE11.65TRLOPENH	EUR	2,7900	2,7900	2,7500	1395,0000	1	2,7500	500				
Certificate	NL0010897179	SILVE11.66BL OPENB	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000CN6HP10	SILVE12.12TL OPENZ	EUR	2,3350	2,3700	2,3350			2,3700					
Certificate	NL0011408042	SILVE12.22TRLOPENH	EUR	2,2500	2,2500	2,2500			2,2500					
Certificate	NL0012989164	SILVE12.35BL OPENB	EUR	2,2800	2,2800	2,2000	11628,0000	2	2,2000	5100				
Certificate	DE000VAGD4J4	SILVE12.44TL OPENV	EUR	2,0750	2,0750	2,0750			2,0750					
Certificate	DE000CN6HP02	SILVE12.62TL OPENZ	EUR	1,8950	1,9200	1,8950			1,9200					
Certificate	NL0011408034	SILVE12.78TRLOPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0013128010	SILVE12.78TRLOPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0011521265	SILVE12.85BL OPENB	EUR	1,7500	1,7700	1,7500	17761,2500	5	1,7600	10035				
Certificate	DE000VASRJRO	SILVE12.93TL OPENV	EUR	1,6350	1,6350	1,6350			1,6350					
Certificate	NL0012895775	SILVE12.99TRLOPENH	EUR	1,5800	1,5800	1,5800			1,5800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CN6GW12	SILVE13.13TL OPENZ	EUR	1,4550	1,4800	1,4550			1,4800					
Certificate	DE000CV4Z0D7	SILVE13.16TL OPENZ	EUR	1,6200	1,6500	1,6200			1,6500					
Certificate	NL0011408026	SILVE13.35TRLOPENH	EUR	1,2600	1,2600	1,2600			1,2600					
Certificate	NL0010897187	SILVE13.41BL OPENB	EUR	1,3600	1,3600	1,2600	2720,0000	1	1,2600	2000				
Certificate	DE000VA4YY41	SILVE13.41TL OPENV	EUR	1,1600	1,1600	1,1450	1160,0000	1	1,1450	1000				
Certificate	LU1790506684	SILVE13.45TCIOPENS	EUR	1,0300	1,0300	1,0200	5,1500	1	1,0200	5				
Certificate	DE000CN6G9Y2	SILVE13.65TL OPENZ	EUR	0,9950	1,0250	0,9950			1,0250					
Certificate	NL0012893622	SILVE13.71TRLOPENH	EUR	0,9500	0,9500	0,9500			0,9500					
Certificate	NL0012905517	SILVE13.75TRLOPENH	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	NL0013083991	SILVE13.81TRLOPENH	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CV8B8C6	SILVE13.89TL OPENZ	EUR	0,7850	0,8500	0,7850	1679,0900	2	0,8100	2003				
Certificate	NL0011408018	SILVE13.91TRLOPENH	EUR	0,8100	0,8500	0,7600	13955,5500	2	0,7600	16583				
Certificate	NL0013083983	SILVE13.91TRLOPENH	EUR	0,7700	0,7700	0,7700			0,7700					
Certificate	DE000VAGECS9	SILVE13.94TL OPENV	EUR	0,7650	0,7650	0,7650			0,7650					
Certificate	NL0013125420	SILVE13.99TRLOPENH	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	NL0013083975	SILVE14.01TRLOPENH	EUR	0,6700	0,6800	0,6700	351,7500	1	0,6800	525				
Certificate	NL0012890966	SILVE14.02TRLOPENH	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	NL0012906838	SILVE14.04TRLOPENH	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CJ3NQ87	SILVE14.13TL OPENZ	EUR	0,5750	0,6800	0,5750	10083,0000	5	0,6000	16800				
Certificate	DE000CJ3N2N2	SILVE14.15TL OPENZ	EUR											
Certificate	DE000CJ3PWS4	SILVE14.17TL OPENZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000VA7PUZ0	SILVE14.21TL OPENV	EUR	0,5450	0,5450	0,5450			0,5450					
Certificate	NL0013084742	SILVE14.21TRLOPENH	EUR	0,5900	0,6300	0,5100	402,4200	4	0,5100	688				
Certificate	NL0013128929	SILVE14.28TRSOPEH	EUR											
Certificate	NL0013084734	SILVE14.31TRLOPENH	EUR											
Certificate	DE000CJ3N8A6	SILVE14.36TL OPENZ	EUR											
Certificate	NL0013129414	SILVE14.38TRSOPEH	EUR											
Certificate	NL0013128002	SILVE14.38TRSOPEH	EUR											
Certificate	NL0013128911	SILVE14.38TRSOPEH	EUR											
Certificate	DE000CJ3PTY8	SILVE14.66TS OPENZ	EUR											
Certificate	DE000VA87E54	SILVE14.78TS OPENV	EUR											
Certificate	DE000CJ3PSK9	SILVE14.91TS OPENZ	EUR											
Certificate	NL0012893069	SILVE14.98TRSOPEH	EUR	0,2900	0,2900	0,2000	269,9900	3	0,2800	1102				
Certificate	DE000VAGEHN9	SILVE15.07TS OPENV	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	NL0012890446	SILVE15.08TRSOPEH	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0013083967	SILVE15.08TRSOPEH	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012888333	SILVE15.09TRSOPEH	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012938518	SILVE15.09TRSOPEH	EUR	0,3700	0,3700	0,3700			0,3700					
Certificate	NL0012989461	SILVE15.16BS OPENB	EUR	0,4100	0,4800	0,4000	41,0000	1	0,4800	100				
Certificate	DE000CV8AXT5	SILVE15.16TS OPENZ	EUR	0,4500	0,4500	0,4300			0,4300					
Certificate	NL0012938500	SILVE15.19TRSOPEH	EUR	0,4500	0,4600	0,4500	45,0000	1	0,4600	100				
Certificate	NL0012937718	SILVE15.19TRSOPEH	EUR	0,4600	0,4600	0,4600			0,4600					
Certificate	NL0012890941	SILVE15.29TRSOPEH	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000VASERD1	SILVE15.35TS OPENV	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	NL0013127996	SILVE15.38TRSOPEH	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0013129406	SILVE15.38TRSOPEH	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	NL0012893051	SILVE15.38TRSOPEH	EUR	0,6300	0,6300	0,6300			0,6300					
Certificate	DE000CV8AWL4	SILVE15.41TS OPENZ	EUR	0,6700	0,6700	0,6500			0,6500					
Certificate	NL0013084726	SILVE15.48TRSOPEH	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CV8AVQ5	SILVE15.48TS OPENZ	EUR	0,8400	0,8400	0,8100			0,8100					
Certificate	DE000VAGEHO2	SILVE15.57TS OPENV	EUR	0,8050	0,8050	0,8050			0,8050					
Certificate	DE000CV8ATT3	SILVE15.66TS OPENZ	EUR	0,8850	0,8850	0,8700			0,8700					
Certificate	NL0012989180	SILVE15.67BS OPENB	EUR	0,9300	0,9300	0,9300			0,9300					
Certificate	NL0012929962	SILVE15.69TRSOPEH	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	DE000VA4YY09	SILVE15.86TS OPENV	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	NL0012930556	SILVE15.89TRSOPEH	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0012930549	SILVE15.99TRSOPEH	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000VAGEHRO	SILVE16.07TS OPENV	EUR	1,2350	1,2350	1,2350			1,2350					
Certificate	NL0012930531	SILVE16.09TRSOPEH	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CV8A8F0	SILVE16.16TS OPENZ	EUR	1,3250	1,3250	1,3100			1,3100					
Certificate	NL0012979629	SILVE16.17BS OPENB	EUR	1,3700	1,3700	1,3700			1,3700					
Certificate	NL0012928816	SILVE16.19TRSOPEH	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	NL0012925523	SILVE16.29TRSOPEH	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000VA4YY17	SILVE16.36TS OPENV	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	NL0012925515	SILVE16.39TRSOPEH	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	NL0012925507	SILVE16.49TRSOPEH	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	DE000CV89PZ5	SILVE16.49TS OPENZ	EUR	1,8400	1,8400	1,8200			1,8200					
Certificate	DE000VA7TDE3	SILVE16.55TS OPENV	EUR	1,6650	1,6650	1,6650			1,6650					
Certificate	NL0012919302	SILVE16.59TRSOPEH	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	NL0012924096	SILVE16.59TRSOPEH	EUR	1,6900	1,6900	1,6900			1,6900					
Certificate	NL0013003536	SILVE16.66BS OPENB	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	NL0012919088	SILVE16.69TRSOPEH	EUR	1,7800	1,7800	1,7800			1,7800					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012919070	SILVE16.79TRSOPENH	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	NL0012917942	SILVE16.89TRSOPENH	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0012917934	SILVE16.99TRSOPENH	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	LU1790425505	SILVE17.05TPIOPENS	EUR	1,9500	1,9700	1,9500			1,9700					
Certificate	NL0012917926	SILVE17.09TRSOPENH	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0012916449	SILVE17.09TRSOPENH	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	NL0012916431	SILVE17.28TRSOPENH	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0012863401	SILVE17.29TRSOPENH	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	NL0012863393	SILVE17.39TRSOPENH	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	NL0012613004	SILVE17.45TRSOPENH	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CV89HV1	SILVE17.48TS OPENZ	EUR	2,8400	2,8400	2,8100			2,8100					
Certificate	DE000VL76B40	SILVE17.53TS OPENV	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	NL0012864201	SILVE17.59TRSOPENH	EUR	2,5700	2,5700	2,5700			2,5700					
Certificate	NL0012495329	SILVE17.68BS OPENB	EUR	2,7000	2,7000	2,7000			2,7000					
Certificate	NL0012863385	SILVE17.69TRSOPENH	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	NL0012863377	SILVE17.79TRSOPENH	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	NL0012863369	SILVE17.89TRSOPENH	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	NL0012612998	SILVE17.94TRSOPENH	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	LU1651918549	SILVE18.05TPIOPENS	EUR	2,7400	2,7600	2,7400			2,7600					
Certificate	NL0012864193	SILVE18.09TRSOPENH	EUR	3,0100	3,0100	3,0100			3,0100					
Certificate	DE000VL2FT16	SILVE18.16TS OPENV	EUR	2,7550	2,7550	2,7550			2,7550					
Certificate	NL0012863351	SILVE18.18TRSOPENH	EUR	3,0900	3,0900	3,0900			3,0900					
Certificate	NL0012863344	SILVE18.28TRSOPENH	EUR	3,1800	3,1800	3,1800			3,1800					
Certificate	DE000CE6CF2	SILVE18.48TS OPENZ	EUR	0,3850	0,3850	0,3850			0,3850					
Certificate	NL0012052617	SILVE18.58TRSOPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	NL0012052906	SILVE18.59TRSOPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	NL0012054407	SILVE18.63TRSOPENH	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	NL0012053722	SILVE18.63TRSOPENH	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	NL0011997663	SILVE18.66TRSOPENH	EUR	3,5100	3,5100	3,5100			3,5100					
Certificate	NL0011997713	SILVE18.66TRSOPENH	EUR	3,5200	3,5200	3,5200			3,5200					
Certificate	NL0011997952	SILVE18.67TRSOPENH	EUR	3,5300	3,5300	3,5300			3,5300					
Certificate	NL0012048755	SILVE18.69TRSOPENH	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	NL0012049274	SILVE18.69TRSOPENH	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	NL0012052369	SILVE18.71TRSOPENH	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0012054969	SILVE18.76TRSOPENH	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	NL0012055248	SILVE18.77TRSOPENH	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000CD63755	SILVE18.92TS OPENZ	EUR	3,7400	3,7400	3,7300			3,7300					
Certificate	LU1651918978	SILVE19.05TPIOPENS	EUR	3,6100	3,6300	3,6100			3,6300					
Certificate	DE000CD637R7	SILVE19.41TS OPENZ	EUR	4,1750	4,1750	4,1700			4,1700					
Certificate	NL0011971346	SILVE19.46TRSOPENH	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000CD63815	SILVE19.48TS OPENZ	EUR	4,8400	4,8400	4,8200			4,8200					
Certificate	DE000CD625N0	SILVE19.93TS OPENZ	EUR	4,6300	4,6300	4,6200			4,6200					
Certificate	DE000CD61X44	SILVE20.44TS OPENZ	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	NL0012864185	SILVE20.48TRSOPENH	EUR	5,1100	5,1100	5,1100			5,1100					
Certificate	NL0012090559	SILVE20.53TRSOPENH	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	NL0012095418	SILVE20.54TRSOPENH	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	NL0012095038	SILVE20.54TRSOPENH	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	NL0012092126	SILVE20.54TRSOPENH	EUR	5,1600	5,1600	5,1600			5,1600					
Certificate	NL0012095822	SILVE20.55TRSOPENH	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	NL0012096200	SILVE20.55TRSOPENH	EUR	5,1700	5,1700	5,1700			5,1700					
Certificate	NL0012172712	SILVE20.56TRSOPENH	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	NL0012096416	SILVE20.56TRSOPENH	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	NL0012097372	SILVE20.56TRSOPENH	EUR	5,1800	5,1800	5,1800			5,1800					
Certificate	NL0012173454	SILVE20.57TRSOPENH	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	NL0012196638	SILVE20.58TRSOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012916423	SILVE20.58TRSOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012195754	SILVE20.58TRSOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012176788	SILVE20.58TRSOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012200026	SILVE20.58TRSOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012195390	SILVE20.58TRSOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012198469	SILVE20.58TRSOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012181077	SILVE20.58TRSOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012199541	SILVE20.58TRSOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0012200331	SILVE20.58TRSOPENH	EUR	5,2000	5,2000	5,2000			5,2000					
Certificate	NL0011421060	SILVE20.85TRSOPENH	EUR	5,4400	5,4400	5,4400			5,4400					
Certificate	DE000CD61X51	SILVE20.94TS OPENZ	EUR	5,5100	5,5100	5,5000			5,5000					
Certificate	NL0011417381	SILVE21.06TRSOPENH	EUR	5,6200	5,6200	5,6200			5,6200					
Certificate	DE000CD61X69	SILVE21.43TS OPENZ	EUR	5,9400	5,9400	5,9400			5,9400					
Certificate	DE000CE6BTC2	SILVE21.48TS OPENZ	EUR	6,8400	6,8400	6,8100			6,8100					
Certificate	DE000CD62171	SILVE21.94TS OPENZ	EUR	6,3800	6,3900	6,3800			6,3900					
Certificate	NL0011734363	SILVE22.01TRSOPENH	EUR	6,4600	6,4600	6,4600			6,4600					
Certificate	DE000CD61X77	SILVE22.43TS OPENZ	EUR	6,8200	6,8200	6,8200			6,8200					



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	NL0011417373	SILVE22.95TRSOPENH	EUR	7,2800	7,2800	7,2800			7,2800					
Certificate	NL0012916415	SILVE24.07TRSOPENH	EUR	8,2700	8,2700	8,2700			8,2700					
Certificate	NL0011735816	SILVE24.89TRSOPENH	EUR	8,9800	8,9800	8,9800			8,9800					
Certificate	NL0011888912	SILVE26.82TRSOPENH	EUR	10,6800	10,6800	10,6800			10,6800					
Certificate	NL0011894472	SILVE28.94TRSOPENH	EUR	12,5400	12,5400	12,5400			12,5400					
Certificate	NL0011894993	SILVE28.94TRSOPENH	EUR	12,5500	12,5500	12,5500			12,5500					
Certificate	NL0011896741	SILVE28.96TRSOPENH	EUR	12,5600	12,5600	12,5600			12,5600					
Certificate	NL0011929443	SILVE28.99TRSOPENH	EUR	12,5900	12,5900	12,5900			12,5900					
Certificate	NL0011929658	SILVE28.99TRSOPENH	EUR	12,5900	12,5900	12,5900			12,5900					
Certificate	NL0011931084	SILVE29.01TRSOPENH	EUR	12,6100	12,6100	12,6100			12,6100					
Certificate	NL0011931878	SILVE29.02TRSOPENH	EUR	12,6100	12,6100	12,6100			12,6100					
Certificate	NL0011935077	SILVE29.06TRSOPENH	EUR	12,6500	12,6500	12,6500			12,6500					
Certificate	NL0011970348	SILVE29.07TRSOPENH	EUR	12,6600	12,6600	12,6600			12,6600					
Certificate	NL0011971155	SILVE29.09TRSOPENH	EUR	12,6700	12,6700	12,6700			12,6700					
Certificate	NL0011971676	SILVE29.11TRSOPENH	EUR	12,6900	12,6900	12,6900			12,6900					
Certificate	NL0011972922	SILVE29.14TRSOPENH	EUR	12,7200	12,7200	12,7200			12,7200					
Certificate	NL0011973946	SILVE29.15TRSOPENH	EUR	12,7300	12,7300	12,7300			12,7300					
Certificate	NL0011973623	SILVE29.15TRSOPENH	EUR	12,7300	12,7300	12,7300			12,7300					
Certificate	NL0011417415	SILVE7.149TRLOPENH	EUR	6,7100	6,7100	6,7100			6,7100					
Certificate	NL0011417407	SILVE9.401TRLOPENH	EUR	4,7300	4,7300	4,7300			4,7300					
Certificate	DE000C3N1S3	SINA 45.17TL OPENZ	EUR	2,0850	2,0850	2,0850			2,0850					
Certificate	DE000CV8ATB1	SINA 53.17TL OPENZ	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	NL0013012008	SIPF 24.18L OPENB	EUR	0,9450	0,9450	0,9150			0,9150					
Certificate	DE000CD6Z2S4	SIPF 25.6TL OPENZ	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0012995369	SIPF 26.18L OPENB	EUR	0,7450	0,7450	0,7150			0,7150					
Certificate	NL0012994065	SIPF 28.18L OPENB	EUR	0,5450	0,5450	0,5150			0,5150					
Certificate	DE000CV8B9F7	SIPF 19.17TL OPENZ	EUR	1,4650	1,4650	1,4650			1,4650					
Certificate	DE000CD6Z2T2	SIPF 21.34TL OPENZ	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	DE000CV87LM6	SIPF 23.48TL OPENZ	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	DE000CV87LN4	SIPF 27.69TL OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	NL0013013303	SIPF 30.118L OPENB	EUR	0,3450	0,3450	0,3150			0,3150					
Certificate	DE000C3PEX2	SIPF 30.19TL OPENZ	EUR	0,4250	0,4250	0,4250			0,4250					
Certificate	NL0012994123	SIPF 34.678S OPENB	EUR	0,2350	0,2550	0,2350			0,2550					
Certificate	NL0012978993	SIPF 37.658S OPENB	EUR	0,5350	0,5550	0,5350			0,5550					
Certificate	NL0012979009	SIPF 40.628S OPENB	EUR	0,8350	0,8450	0,8350			0,8450					
Certificate	NL0012979231	SKYBL 1359TL OPENB	EUR											
Certificate	DE000CE6CNS9	SLIGR 24.5TL OPENZ	EUR	3,3000	3,3950	3,3000	1650,0000	1	3,3950		500			
Certificate	DE000CE6CNR1	SLIGR 27.5TL OPENZ	EUR	2,7300	2,8250	2,7300	682,5000	1	2,8250		250			
Certificate	DE000CE6CQT0	SLIGR21.35TL OPENZ	EUR	3,9850	3,9850	3,9850			3,9850					
Certificate	NL0012982177	SLIGR30.588L OPENB	EUR	0,9850	1,0250	0,9850			1,0250					
Certificate	DE000CV4ZBG4	SLIGR30.65TL OPENZ	EUR	2,1800	2,2350	2,1800	1090,0000	1	2,2350		500			
Certificate	NL0012983613	SLIGR31.568L OPENB	EUR	0,8850	0,9250	0,8850			0,9250					
Certificate	NL0012977664	SLIGR32.598L OPENB	EUR	0,7850	0,8250	0,7850	400,0000	1	0,8250		500			
Certificate	DE000CV8AZH5	SLIGR32.77TL OPENZ	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	NL0012983621	SLIGR33.578L OPENB	EUR	0,6850	0,7250	0,6850			0,7250					
Certificate	DE000C3NSR9	SLIGR35.31TL OPENZ	EUR	1,3550	1,3550	1,3550			1,3550					
Certificate	NL0013003643	SLIGR35.578L OPENB	EUR	0,4850	0,5250	0,4850			0,5250					
Certificate	NL0013146541	SLIGR37.588L OPENB	EUR	0,2850	0,3250	0,2850			0,3250					
Certificate	NL0012983662	SLIGR40.878S OPENB	EUR	0,2250	0,2250	0,1850			0,1850					
Certificate	NL0013004815	SLIGR44.868S OPENB	EUR	0,6250	0,6250	0,5850			0,5850					
Certificate	DE0005437461	SMI PI OPENN	EUR	79,0500	79,0500	79,0500			79,0500					
Certificate	NL0010283115	SMI 5930TL OPENB	EUR	28,0900	28,0900	28,0900			28,0900					
Certificate	NL0010286795	SMI 6450TL OPENB	EUR	23,6500	23,6500	23,6500			23,6500					
Certificate	NL0010444196	SMI 6910TL OPENB	EUR	19,7100	19,7100	19,7100			19,7100					
Certificate	NL0012100770	SMI 7730TL OPENB	EUR	12,7700	12,7700	12,7700			12,7700					
Certificate	NL0012117881	SMI 8180TL OPENB	EUR	8,9500	8,9500	8,9500			8,9500					
Certificate	NL0012980312	SMI 8570TL OPENB	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	NL0012260434	SMI 9250TS OPENB	EUR	4,9400	4,9400	4,9400			4,9400					
Certificate	NL0012266548	SMI 9630TS OPENB	EUR	7,7600	8,3700	7,7600	248,3200	1	8,3700		32			
Certificate	NL0012790265	SMI 10020TS OPENB	EUR	11,9300	11,9300	11,9300			11,9300					
Certificate	DE000CP06UR8	SNAP 4TL OPENC	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	DE000C3N1W5	SNAP 6TL 1218Z	EUR											
Certificate	DE000CP06PU2	SNAP 6TL OPENC	EUR											
Certificate	DE000CY52YS4	SNAP 6TL OPENC	EUR	0,0700	0,0700	0,0700			0,0700					
Certificate	DE000CP06P48	SNAP 6TL OPENC	EUR											
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	DE000CP06KYS	SNAP 10TS OPENC	EUR	0,2500	0,2500	0,2500			0,2500					
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	DE000CY52N67	SNAP 13TL 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	DE000CQ5BEN9	SNAP 15TS OPENC	EUR	0,6400	0,6400	0,6400			0,6400					
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	1,5250	1,5250	1,5250			1,5250					
Certificate	DE000CJ3N6M5	SNAP 5.6TL 1218Z	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	DE000CJ3N2F8	SNAP 6.4TL 1218Z	EUR											
Certificate	DE000CJ3N054	SNAP 4.685TL OPENZ	EUR	1,9450	1,9450	1,9450			1,9450					
Certificate	DE000CJ3N195	SNAP 5.587TL OPENZ	EUR	1,1650	1,1650	1,1650			1,1650					
Certificate	DE000CV8BA89	SNAP 6.193TL OPENZ	EUR											
Certificate	DE000CV89W82	SNHG 0.102TL OPENZ	EUR	0,0140	0,0140	0,0140			0,0140					
Certificate	DE000CV88707	SODEX66.57TL OPENZ	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000CV87JW9	SODEX77.04TL OPENZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	NL0012998108	SOF 1488L OPENB	EUR	1,4650	1,4700	1,4350	2940,0000	1	1,4350	2000				
Certificate	NL0012998090	SOF 138.8L OPENB	EUR	1,9650	1,9650	1,9350			1,9350					
Certificate	NL0012998116	SOF 158.8L OPENB	EUR	0,9650	0,9650	0,9350			0,9350					
Certificate	DE000CE6CQV6	SOF 101.4TL OPENZ	EUR	3,8900	3,8900	3,8700	599,0600	1	3,8700	154				
Certificate	DE000CE6CNC3	SOF 111.9TL OPENZ	EUR	3,3600	3,3600	3,3600			3,3600					
Certificate	DE000CE6CNC5	SOF 122.4TL OPENZ	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	DE000CV88K61	SOF 132.9TL OPENZ	EUR	2,3700	2,3700	2,3700			2,3700					
Certificate	DE000CV892C3	SOF 143.3TL OPENZ	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	DE000CV8AP67	SOF 153.7TL OPENZ	EUR	1,3800	1,3800	1,3800			1,3800					
Certificate	NL0013017767	SOF 169.28S OPENB	EUR											
Certificate	NL0012998272	SOF 189.28S OPENB	EUR	0,9250	0,9350	0,8600	602,0000	1	0,9350	700				
Certificate	NL0012999056	SOF 209.18S OPENB	EUR	1,9250	1,9350	1,9250			1,9350					
Certificate	DE000CE6E127	SOF 81.04TL OPENZ	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	DE000CE6CQW4	SOF 90.76TL OPENZ	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000CJ3PWF1	SOFTB 5563TL OPENZ	EUR											
Certificate	DE000CJ3PAT8	SOFTB 6536TL OPENZ	EUR											
Certificate	DE000CV8AST5	SOFTB 7536TL OPENZ	EUR											
Certificate	DE000CV8AJG1	SOFTB 8608TL OPENZ	EUR											
Certificate	DE000CV882A3	SOFTB 9678TL OPENZ	EUR											
Certificate	DE000CX59GR0	SOGEN 30TL OPENC	EUR	5,0000	5,0000	5,0000			5,0000					
Certificate	NL0011642822	SOGEN 17.2TL OPENB	EUR	17,5550	17,6550	17,5550			17,6550					
Certificate	NL0011226444	SOGEN 18.6TL OPENH	EUR	1,6900	1,7000	1,6900			1,7000					
Certificate	NL0010444097	SOGEN 19.8TL OPENB	EUR	15,2650	15,2650	15,2650			15,2650					
Certificate	NL0012025670	SOGEN 30.4TL OPENB	EUR	5,5450	5,8900	5,5450	1060,2000	1	5,6450	180				
Certificate	NL0013014293	SOGEN 35.6TS OPENB	EUR	6,4450	6,4450	6,3250			6,3250					
Certificate	NL0012793632	SOGEN 40.6TS OPENB	EUR	11,9950	11,9950	11,8750			11,8750					
Certificate	NL0012774681	SOGEN 43.5TS OPENB	EUR	15,2850	15,2850	15,1650			15,1650					
Certificate	NL0012431647	SOGEN 46.9TS OPENH	EUR	2,2100	2,2100	2,2000			2,2000					
Certificate	DE000CN6J8R5	SOGEN23.39TL OPENZ	EUR	1,9450	1,9500	1,9450	5417,1000	1	1,9500	2778				
Certificate	NL0011989702	SOGEN29.98TL OPENH	EUR	0,7000	0,7100	0,7000			0,7100					
Certificate	DE000CD63CC5	SOGEN31.07TL OPENZ	EUR	0,4250	0,4900	0,4250	490,0000	1	0,4900	1000				
Certificate	NL0013126543	SOGEN33.02TS OPENH	EUR											
Certificate	NL0013125750	SOGEN34.01TS OPENH	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	NL0012934814	SOGEN38.78TS OPENH	EUR	1,2600	1,2600	1,2500			1,2500					
Certificate	NL0012934277	SOGEN39.99TS OPENH	EUR	1,4000	1,4000	1,3900			1,3900					
Certificate	NL0012848113	SOGEN40.95TS OPENH	EUR	1,5100	1,5100	1,5000			1,5000					
Certificate	NL0012846737	SOGEN41.93TS OPENH	EUR	1,6300	1,6300	1,6200			1,6200					
Certificate	NL0012846729	SOGEN42.92TS OPENH	EUR	1,7400	1,7400	1,7300			1,7300					
Certificate	NL0012595037	SOGEN43.94TS OPENH	EUR	1,8600	1,8600	1,8500			1,8500					
Certificate	NL0012581235	SOGEN45.87TS OPENH	EUR	2,0900	2,0900	2,0800			2,0800					
Certificate	NL0012582613	SOGEN47.85TS OPENH	EUR	2,3200	2,3200	2,3100			2,3100					
Certificate	NL0012581227	SOGEN48.82TS OPENH	EUR	2,4400	2,4400	2,4300			2,4300					
Certificate	NL0011226378	SOGEN49.14TS OPENH	EUR	2,4700	2,4700	2,4700			2,4700					
Certificate	NL0012581987	SOGEN50.79TS OPENH	EUR	2,6700	2,6700	2,6600			2,6600					
Certificate	NL0012581219	SOGEN51.76TS OPENH	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0012057756	SOGEN53.19TS OPENH	EUR	2,9500	2,9500	2,9400			2,9400					
Certificate	NL0012565618	SOGEN53.68TS OPENH	EUR	3,0100	3,0100	3,0000			3,0000					
Certificate	NL0012051205	SOGEN53.92TS OPENH	EUR	3,0400	3,0400	3,0300			3,0300					
Certificate	NL0012054241	SOGEN54.05TS OPENH	EUR	3,0500	3,0500	3,0400			3,0400					
Certificate	NL0012331730	SOGEN60.19TS OPENH	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	NL0012366322	SOGEN60.29TS OPENH	EUR	3,7900	3,7900	3,7800			3,7800					
Certificate	DE000CJ3N3E9	SOHU 11.46TL OPENZ	EUR											
Certificate	DE000CJ3NY95	SOHU 13.46TL OPENZ	EUR											
Certificate	DE000CV8BAG8	SOHU 15.46TL OPENZ	EUR											
Certificate	NL0010113181	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	DE000CJ3PNX3	SOLAR27.63TL OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	DE000CJ3NNS8	SOLAR33.65TL OPENZ	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	DE000CV8AF93	SOLAR40.65TL OPENZ	EUR											
Certificate	NL0010733838	SOLEE STN1120V	EUR	100,9500	100,9500	100,9500			100,9500					



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	DE000CQ58L14	SOLVA 80TL OPENC	EUR	2,3900	2,3900	2,3900			2,3900					
Certificate	DE000CP06XC4	SOLVA 90TL OPENC	EUR	1,4100	1,4100	1,4100			1,4100					
Certificate	DE000CP06MK0	SOLVA 110TL OPENC	EUR											
Certificate	DE000CY16SC5	SOLVA 110TL OPENC	EUR											
Certificate	DE000CP06U66	SOLVA 110TS OPENC	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CQ58L30	SOLVA 120TS OPENC	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	DE000CQ58XR0	SOLVA 130TS OPENC	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	DE000CQ58XS8	SOLVA 140TS OPENC	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000CE6CP55	SOLVA 129.TS OPENZ	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	NL0009175983	SOLVA 36.3TL OPENB	EUR	74,5000	74,5000	73,8900			73,8900					
Certificate	NL0010133062	SOLVA 64.9TL OPENB	EUR	46,1600	46,1600	45,5500			45,5500					
Certificate	NL0011913041	SOLVA 83.1TL OPENB	EUR	26,6300	26,6300	25,9800			25,9800					
Certificate	NL0011917083	SOLVA 90.8TL OPENB	EUR	19,4500	19,4500	18,8000			18,8000					
Certificate	NL0012030720	SOLVA 93.3TL OPENB	EUR	17,1100	17,1100	16,4600			16,4600					
Certificate	NL0013014509	SOLVA 95.8TL OPENB	EUR	14,7400	14,7400	14,0900			14,0900					
Certificate	NL0013015753	SOLVA103.5TS OPENB	EUR											
Certificate	NL0013011901	SOLVA108.5TS OPENB	EUR	13,5100	14,0100	13,5100			14,0100					
Certificate	NL0013009095	SOLVA110.3BS OPENB	EUR	0,8150	0,8650	0,8150			0,8650					
Certificate	NL0013010283	SOLVA113.5TS OPENB	EUR	18,9900	19,4900	18,9900			19,4900					
Certificate	NL0013006000	SOLVA118.5TS OPENB	EUR	24,3600	24,8600	24,3600			24,8600					
Certificate	NL0012993091	SOLVA120.3BS OPENB	EUR	1,8150	1,8650	1,8150			1,8650					
Certificate	NL0012509269	SOLVA123.4TS OPENB	EUR	29,6000	30,1000	29,6000			30,1000					
Certificate	NL0013004997	SOLVA128.5TS OPENB	EUR	35,1200	35,6200	35,1200			35,6200					
Certificate	NL0012993109	SOLVA130.2BS OPENB	EUR	2,8050	2,8550	2,8050			2,8550					
Certificate	DE000CE6FCB1	SOLVA145.9TS OPENZ	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	DE000CN6EKY8	SOLVA67.35TL OPENZ	EUR	35,2650	36,0850	35,2650			36,0850					
Certificate	DE000CN6GIU78	SOLVA75.32TL OPENZ	EUR	27,3350	28,1650	27,3350			28,1650					
Certificate	DE000CN6K933	SOLVA80.28TL OPENZ	EUR	22,4050	23,2350	22,4050			23,2350					
Certificate	NL0013016520	SOLVA82.44BL OPENB	EUR	2,2950	2,2950	2,2350			2,2350					
Certificate	DE000CD62DF8	SOLVA85.24TL OPENZ	EUR	17,4800	18,3100	17,4800			18,3100					
Certificate	NL0013014830	SOLVA87.44BL OPENB	EUR	1,7950	1,7950	1,7350			1,7350					
Certificate	DE000CD62LE4	SOLVA91.18TL OPENZ	EUR	11,6250	12,4450	11,6250			12,4450					
Certificate	NL0013008766	SOLVA92.44BL OPENB	EUR	1,2950	1,2950	1,2350			1,2350					
Certificate	NL0013146558	SOLVA97.44BL OPENB	EUR	0,7950	0,8400	0,7350	3360,0000	1	0,7350	4000				
Certificate	NL0010129045	SONY 9.9TL OPENB	EUR	39,1000	39,1000	39,1000			39,1000					
Certificate	NL0010289104	SONY 16.3TL OPENB	EUR	33,9900	33,9900	33,9900			33,9900					
Certificate	DE000CV8AHJ9	SONY 4266TL OPENZ	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000CV8ASV1	SONY 5327TL OPENZ	EUR	0,8100	0,8100	0,8100			0,8100					
Certificate	DE000CJ3NKE4	SONY 6387TL OPENZ	EUR											
Certificate	NL0011419395	SONY 19.75TL OPENH	EUR	31,2800	31,2800	31,2800			31,2800					
Certificate	NL0011233366	SOYBN 6.84TL OPENH	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	NL0012922512	SOYBN 7.51TL OPENH	EUR	1,7200	1,7200	1,7200			1,7200					
Certificate	NL0012922504	SOYBN 7.71TL OPENH	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	NL0011233358	SOYBN 7.91TL OPENH	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0012922496	SOYBN 8.11TL OPENH	EUR	1,2300	1,2300	1,2300			1,2300					
Certificate	NL0012938427	SOYBN 9.18TS OPENH	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	NL0012938419	SOYBN 9.38TS OPENH	EUR	1,3200	1,3200	1,3200			1,3200					
Certificate	NL0012922439	SOYBN 9.47TS OPENH	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0012922421	SOYBN 9.66TS OPENH	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	NL0011233283	SOYBN13.16TS OPENH	EUR	4,8800	4,9700	4,8800	488,0000	1	4,9700	100				
Certificate	NL0011233275	SOYBN15.03TS OPENH	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	DE0005591325	SP500 PI OPENN	EUR	241,2400	241,2400	241,2400			241,2400					
Certificate	NL0011218656	SP500 STN0320V	EUR											
Certificate	XS1586684836	SP500 STN0323B	USD	107,4000	107,4000	107,4000			107,4000					
Certificate	NL0011218714	SP500 STN0324V	USD											
Certificate	NL0012248074	SP500 STN0723V	USD	103,6500	103,6500	103,6500			103,6500					
Certificate	NL0010733846	SP500 STN0919V	USD	133,9000	133,9000	133,9000			133,9000					
Certificate	NL0011218359	SP500 STN1019V	EUR											
Certificate	NL0009065168	SP500 400TL OPENB	EUR	20,4700	20,4700	20,4700			20,4700					
Certificate	NL0009176148	SP500 790TL OPENB	EUR	17,1200	17,1200	17,1200			17,1200					
Certificate	NL0009256056	SP500 880TL OPENB	EUR	16,3400	16,3400	16,3400			16,3400					
Certificate	NL0009560283	SP500 970TL OPENB	EUR	15,6200	15,6200	15,6200			15,6200					
Certificate	NL0011419601	SP500 1055TL OPENH	EUR	14,8800	14,8800	14,8800			14,8800					
Certificate	NL0011420138	SP500 1087TRLOPENH	EUR	14,2900	14,2900	14,2900			14,2900					
Certificate	NL0010001194	SP500 1170TL OPENB	EUR	13,8500	13,8500	13,8500			13,8500					
Certificate	NL0010282406	SP500 1380TL OPENB	EUR	121,0900	121,0900	121,0900			121,0900					
Certificate	NL0011412648	SP500 1409TRLOPENH	EUR	11,4600	11,4600	11,4600			11,4600					
Certificate	NL0010282422	SP500 1420TL OPENB	EUR	117,0100	117,0100	117,0100			117,0100					
Certificate	NL0011047600	SP500 1428TL OPENH	EUR	11,7100	11,7100	11,7100			11,7100					
Certificate	NL0012850978	SP500 1463TRLOPENH	EUR	10,9800	10,9800	10,9800			10,9800					
Certificate	NL0010287975	SP500 1470TL OPENB	EUR	112,9600	112,9600	112,9600			112,9600					
Certificate	NL0012850960	SP500 1515TRLOPENH	EUR	10,5300	10,5300	10,5300			10,5300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011047592	SP500 1517TL OPENH	EUR	10,9500	10,9500	10,9500			10,9500					
Certificate	NL0010288635	SP500 1520TL OPENB	EUR	108,8400	108,8400	108,8400			108,8400					
Certificate	DE000C20HY84	SP500 1529TL OPENZ	EUR	10,8000	10,8000	10,4200			10,4200					
Certificate	DE000CF3AP54	SP500 1543TL OPENC	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	NL0011595202	SP500 1552TL OPENH	EUR	10,6600	10,6600	10,6600			10,6600					
Certificate	NL0011047295	SP500 1592TRLOPENH	EUR	9,8600	9,8600	9,8600			9,8600					
Certificate	DE000CC5KHU4	SP500 1600TL OPENC	EUR	10,0300	10,0300	10,0300			10,0300					
Certificate	NL0011047584	SP500 1606TL OPENH	EUR	10,2000	10,2000	10,2000			10,2000					
Certificate	NL0011047576	SP500 1651TL OPENH	EUR	9,8200	9,8200	9,8200			9,8200					
Certificate	NL0011602644	SP500 1683TL OPENH	EUR	9,5500	9,5500	9,5500			9,5500					
Certificate	NL0011047287	SP500 1684TRLOPENH	EUR	9,0500	9,0500	9,0500			9,0500					
Certificate	NL0011047568	SP500 1695TL OPENH	EUR	9,4400	9,4400	9,4400			9,4400					
Certificate	DE000CN6JQK3	SP500 1699TL OPENZ	EUR	9,3100	9,3100	8,9300			8,9300					
Certificate	DE000CX00PP9	SP500 1700TL OPENC	EUR	8,5900	8,5900	8,5900			8,5900					
Certificate	NL0011596812	SP500 1715TL OPENH	EUR	9,2800	9,2800	9,2800			9,2800					
Certificate	NL0011596804	SP500 1726TL OPENH	EUR	9,1800	9,1800	9,1800			9,1800					
Certificate	NL0011047279	SP500 1730TRLOPENH	EUR	8,6400	8,6400	8,6400			8,6400					
Certificate	NL0011047550	SP500 1739TL OPENH	EUR	9,0700	9,0700	9,0700			9,0700					
Certificate	NL0011595194	SP500 1759TL OPENH	EUR	8,9100	8,9100	8,9100			8,9100					
Certificate	DE000C22FSK2	SP500 1764TL OPENZ	EUR	8,7450	8,7600	8,3650	2666,4000	3	8,3650	310				
Certificate	NL0011595186	SP500 1770TL OPENH	EUR	8,8100	8,8100	8,8100			8,8100					
Certificate	NL0011047261	SP500 1776TRLOPENH	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	NL0011047543	SP500 1784TL OPENH	EUR	8,6900	8,6900	8,6900			8,6900					
Certificate	NL0011637566	SP500 1787BL OPENB	EUR	16,4600	16,4600	16,4600			16,4600					
Certificate	DE000CF809E8	SP500 1797TL OPENC	EUR	7,7500	7,7500	7,7500			7,7500					
Certificate	NL0010609400	SP500 1800TL OPENB	EUR	84,8000	84,8000	84,8000			84,8000					
Certificate	DE000CC5KHWO	SP500 1800TL OPENC	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	NL0011593330	SP500 1803TL OPENH	EUR	8,5300	8,5300	8,5300			8,5300					
Certificate	NL0011592712	SP500 1814TL OPENH	EUR	8,4400	8,4400	8,4400			8,4400					
Certificate	NL0011047253	SP500 1822TRLOPENH	EUR	7,8300	7,8300	7,8300			7,8300					
Certificate	NL0011047535	SP500 1828TL OPENH	EUR	8,3100	8,3100	8,3100			8,3100					
Certificate	NL0011602636	SP500 1846TL OPENH	EUR	8,1600	8,1600	8,1600			8,1600					
Certificate	NL0011603071	SP500 1857TL OPENH	EUR	8,0700	8,0700	8,0700			8,0700					
Certificate	NL0011603063	SP500 1868TL OPENH	EUR	7,9800	7,9800	7,9800			7,9800					
Certificate	NL0011047246	SP500 1868TRLOPENH	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	NL0011603055	SP500 1879TL OPENH	EUR	7,8800	7,8800	7,8800			7,8800					
Certificate	NL0011605845	SP500 1890TL OPENH	EUR	7,7900	7,7900	7,7900			7,7900					
Certificate	DE000CX00LK9	SP500 1900TL OPENC	EUR	7,0400	7,0400	7,0400			7,0400					
Certificate	DE000CX00L48	SP500 1900TL OPENC	EUR	6,6700	6,6700	6,6700			6,6700					
Certificate	NL0011605837	SP500 1901TL OPENH	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	NL0011605829	SP500 1912TL OPENH	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	DE000C270SD1	SP500 1921TL OPENZ	EUR	7,3700	7,3700	6,9900			6,9900					
Certificate	NL0011606082	SP500 1923TL OPENH	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	NL0012850952	SP500 1924TRLOPENH	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	NL0011705694	SP500 1934TL OPENH	EUR	7,4200	7,4200	7,4200			7,4200					
Certificate	NL0011700885	SP500 1944TL OPENH	EUR	7,3300	7,3300	7,3300			7,3300					
Certificate	NL0011650700	SP500 1945BL OPENB	EUR	13,6900	13,6900	13,6900			13,6900					
Certificate	NL0011700877	SP500 1955TL OPENH	EUR	7,2400	7,2400	7,2400			7,2400					
Certificate	DE000CR9Q138	SP500 1955TL OPENZ	EUR	7,0750	7,0750	6,6850			6,6850					
Certificate	NL0011695036	SP500 1959TRLOPENH	EUR	6,6300	6,6300	6,6300			6,6300					
Certificate	NL0011652649	SP500 1967BL OPENB	EUR	13,3000	13,3000	13,3000			13,3000					
Certificate	NL0011705686	SP500 1967TL OPENH	EUR	7,1400	7,1400	7,1400			7,1400					
Certificate	NL0011705678	SP500 1978TL OPENH	EUR	7,0500	7,0500	7,0500			7,0500					
Certificate	DE000CN6JT71	SP500 1987TL OPENZ	EUR	6,7800	6,7800	6,4000			6,4000					
Certificate	NL0011705660	SP500 1988TL OPENH	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	NL0011705652	SP500 1999TL OPENH	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	NL0011657168	SP500 2000TL OPENB	EUR	67,9900	67,9900	67,9900			67,9900					
Certificate	DE000CX59W11	SP500 2000TL OPENC	EUR	6,0900	6,0900	6,0900			6,0900					
Certificate	DE000CX591S0	SP500 2000TL OPENC	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	NL0012850945	SP500 2001TRLOPENH	EUR	6,2600	6,2600	6,2600			6,2600					
Certificate	NL0011705645	SP500 2010TL OPENH	EUR	6,7700	6,7700	6,7700			6,7700					
Certificate	DE000CN6JZAS	SP500 2020TL OPENZ	EUR	6,5050	6,5050	6,1150			6,1150					
Certificate	NL0011716089	SP500 2021TL OPENH	EUR	6,6800	6,6800	6,6800			6,6800					
Certificate	NL0012850937	SP500 2027TRLOPENH	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	NL0011716071	SP500 2032TL OPENH	EUR	6,5900	6,5900	6,5900			6,5900					
Certificate	DE000CJ3NU08	SP500 2050TL 1218Z	EUR	6,2500	6,2500	5,8600			5,8600					
Certificate	NL0011892757	SP500 2050TL OPENH	EUR	6,4300	6,4300	6,4300			6,4300					
Certificate	DE000CN6K453	SP500 2053TL OPENZ	EUR	6,2100	6,2100	5,8300			5,8300					
Certificate	NL0011723630	SP500 2055TRLOPENH	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	NL0011892740	SP500 2061TL OPENH	EUR	6,3400	6,3400	6,3400			6,3400					
Certificate	NL0011723622	SP500 2066TRLOPENH	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0011893417	SP500 2072TL OPENH	EUR	6,2400	6,2400	6,2400			6,2400					



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	NL0011723614	SP500 2077TRLOPENH	EUR	5,5900	5,5900	5,5900			5,5900					
Certificate	NL0011893409	SP500 2083TL OPENH	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	DE000CN6K826	SP500 2085TL OPENZ	EUR	5,9300	5,9300	5,5400			5,5400					
Certificate	NL0011723606	SP500 2088TRLOPENH	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	NL0011715875	SP500 2092TRLOPENH	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	NL0011716329	SP500 2092TRLOPENH	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	NL0011893391	SP500 2094TL OPENH	EUR	6,0600	6,0600	6,0600			6,0600					
Certificate	DE000CX59M05	SP500 2100TL OPENC	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	DE000CX59RU1	SP500 2100TL OPENC	EUR	5,1500	5,1500	5,1500			5,1500					
Certificate	NL0011893383	SP500 2105TL OPENH	EUR	5,9700	5,9700	5,9700			5,9700					
Certificate	NL0011894134	SP500 2115TL OPENH	EUR	5,8800	5,8800	5,8800			5,8800					
Certificate	DE000CN6KE 18	SP500 2117TL OPENZ	EUR	5,6550	5,6550	5,2650			5,2650					
Certificate	NL0011894126	SP500 2126TL OPENH	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	NL0012850929	SP500 2129TRLOPENH	EUR	5,1300	5,1300	5,1300			5,1300					
Certificate	NL0011992771	SP500 2143TL OPENH	EUR	5,6400	5,6400	5,6400			5,6400					
Certificate	DE000CN6KM75	SP500 2149TL OPENZ	EUR	5,3700	5,3700	4,9850			4,9850					
Certificate	NL0011992763	SP500 2154TL OPENH	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0012850911	SP500 2155TRLOPENH	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	NL0011992755	SP500 2164TL OPENH	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	NL0011993290	SP500 2175TL OPENH	EUR	5,3700	5,3700	5,3700			5,3700					
Certificate	DE000CD61V87	SP500 2181TL OPENZ	EUR	5,0900	5,0900	4,7050	4072,0000	1	4,7050	800				
Certificate	NL0011993282	SP500 2186TL OPENH	EUR	5,2800	5,2800	5,2800			5,2800					
Certificate	NL0011716543	SP500 2186TS OPENH	EUR											
Certificate	NL0011993274	SP500 2196TL OPENH	EUR	5,1900	5,1900	5,1900			5,1900					
Certificate	DE000CX59Y76	SP500 2200TL OPENC	EUR	3,9400	3,9400	3,9400			3,9400					
Certificate	DE000CX59Z67	SP500 2200TL OPENC	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	NL0011994918	SP500 2201TRLOPENH	EUR	4,5000	4,5000	4,5000			4,5000					
Certificate	NL0011890959	SP500 2206TS OPENH	EUR											
Certificate	NL0011996251	SP500 2208TL OPENH	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	DE000CD61WY1	SP500 2212TL OPENZ	EUR	4,8250	4,8250	4,4350			4,4350					
Certificate	NL0011996939	SP500 2218TL OPENH	EUR	5,0100	5,0100	5,0100			5,0100					
Certificate	NL0012240469	SP500 2229TL OPENH	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	NL0012850903	SP500 2232TRLOPENH	EUR	4,2300	4,2300	4,2300			4,2300					
Certificate	NL0011997457	SP500 2239TL OPENH	EUR	4,8300	4,8300	4,8300			4,8300					
Certificate	DE000CD63MF7	SP500 2244TL OPENZ	EUR	4,5450	4,5800	4,1550	4575,0000	2	4,1550	1000				
Certificate	DE000CV8ACCS	SP500 2250TL 1218Z	EUR	4,5050	4,5050	4,1050			4,1050					
Certificate	NL0012206577	SP500 2250TL OPENH	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	NL0012039283	SP500 2253BL OPENB	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	NL0012850895	SP500 2257TRLOPENH	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0012050371	SP500 2264TL OPENH	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	NL0012050363	SP500 2275TL OPENH	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000CD63MG5	SP500 2275TL OPENZ	EUR	4,2700	4,3100	3,8200	17113,4900	15	3,8750	4161				
Certificate	NL0013008279	SP500 2276BL OPENB	EUR	7,8900	7,8900	7,8900			7,8900					
Certificate	NL0012850887	SP500 2283TRLOPENH	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	NL0012051288	SP500 2287TL OPENH	EUR	4,4200	4,4200	4,4200			4,4200					
Certificate	NL0012107197	SP500 2300TL OPENB	EUR	42,1600	42,1600	42,1600			42,1600					
Certificate	DE000CV522P7	SP500 2300TL OPENC	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	DE000CV16G61	SP500 2300TL OPENC	EUR	3,3400	3,3400	3,3400			3,3400					
Certificate	DE000CV16BN8	SP500 2300TL OPENC	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	NL0012054985	SP500 2301TL OPENH	EUR	4,3000	4,3000	4,3000			4,3000					
Certificate	DE000CD63T63	SP500 2306TL OPENZ	EUR	3,9950	3,9950	3,6050			3,6050					
Certificate	LU1840978347	SP500 2307TCIOPENS	EUR	3,5600	3,5600	3,5600			3,5600					
Certificate	NL0012057327	SP500 2317TL OPENH	EUR	4,1700	4,1700	4,1700			4,1700					
Certificate	DE000VL9VU32	SP500 2320TL OPENV	EUR	3,5900	3,6000	3,2150	1078,0000	2	3,2150	300				
Certificate	NL0012090542	SP500 2321TRLOPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	NL0012055479	SP500 2324TRLOPENH	EUR	3,4200	3,4200	3,4200			3,4200					
Certificate	NL0012055230	SP500 2325TRLOPENH	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0012054951	SP500 2326TRLOPENH	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	NL0012094841	SP500 2327TL OPENH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	NL0012053318	SP500 2328TRLOPENH	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	NL0012052062	SP500 2328TRLOPENH	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0013008261	SP500 2336BL OPENB	EUR	6,8400	6,8400	6,8400			6,8400					
Certificate	DE000CD63ZY0	SP500 2338TL OPENZ	EUR	3,7250	3,7250	3,3250			3,3250					
Certificate	NL0012174999	SP500 2345TL OPENH	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	NL0012174981	SP500 2356TL OPENH	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	NL0012850879	SP500 2360TRLOPENH	EUR	3,1100	3,1100	3,1100			3,1100					
Certificate	NL0012174973	SP500 2366TL OPENH	EUR	3,7500	3,7500	3,7500			3,7500					
Certificate	DE000CD64F68	SP500 2369TL OPENZ	EUR	3,4550	3,4550	3,0550	257,3200	2	3,0550	78				
Certificate	NL0012207708	SP500 2377TL OPENH	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	NL0012850861	SP500 2385TRLOPENH	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	NL0012207690	SP500 2387TL OPENH	EUR	3,5700	3,5700	3,5700			3,5700					
Certificate	NL0013008253	SP500 2396BL OPENB	EUR	5,7800	5,7800	5,7800			5,7800					



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	NL0012213888	SP500 2398TL OPENH	EUR	3,4800	3,4800	3,4800			3,4800					
Certificate	DE000CE6BHO7	SP500 2399TL OPENZ	EUR	3,1850	3,1850	2,7850			2,7850					
Certificate	DE000CY50LN6	SP500 2400TL OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CY50MNA	SP500 2400TL OPENC	EUR	2,4900	2,4900	2,4900			2,4900					
Certificate	LU1840978420	SP500 2407TCIOPENS	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	NL0012213870	SP500 2408TL OPENH	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	NL0012306427	SP500 2419TL OPENH	EUR	3,3000	3,3000	3,3000			3,3000					
Certificate	NL0012306419	SP500 2430TL OPENH	EUR	3,2100	3,2100	3,2100			3,2100					
Certificate	DE000CE6BLV9	SP500 2430TL OPENZ	EUR	2,9150	2,9150	2,5150			2,5150					
Certificate	NL0012306229	SP500 2436TRLOPENH	EUR	2,4400	2,4400	2,4400			2,4400					
Certificate	NL0012242374	SP500 2437TRLOPENH	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	NL0012239800	SP500 2437TRLOPENH	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	NL0012243711	SP500 2437TRLOPENH	EUR	2,4300	2,4300	2,4300			2,4300					
Certificate	NL0012239016	SP500 2439TRLOPENH	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0012272181	SP500 2440TL OPENB	EUR	30,0100	30,0100	30,0100			30,0100					
Certificate	NL0012306971	SP500 2440TL OPENH	EUR	3,1200	3,1200	3,1200			3,1200					
Certificate	DE000CV8ACD3	SP500 2450TL 1218Z	EUR	2,7550	2,7550	2,3550			2,3550					
Certificate	NL0012307375	SP500 2450TL OPENH	EUR	3,0400	3,0400	3,0400			3,0400					
Certificate	DE000VA8F063	SP500 2453TL OPENV	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	NL0013008246	SP500 2456BL OPENB	EUR	4,7200	4,7200	4,7200			4,7200					
Certificate	DE000CE6C097	SP500 2461TL OPENZ	EUR	2,6450	2,6450	2,2450	2630,0000	1	2,2450	1000				
Certificate	NL0012435192	SP500 2469TL OPENH	EUR	2,8700	2,8700	2,8700			2,8700					
Certificate	NL0013008238	SP500 2476BL OPENB	EUR	4,3700	4,3700	4,3700			4,3700					
Certificate	DE000VA8F071	SP500 2478TL OPENV	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	NL0012435184	SP500 2480TL OPENH	EUR	3,1900	3,1900	2,7000	1089,0000	6	2,7800	371				
Certificate	NL0012850853	SP500 2488TRLOPENH	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	DE000VL61T96	SP500 2489TL OPENV	EUR	1,9100	1,9150	1,6550	1146,0000	1	1,6550	600				
Certificate	NL0012437636	SP500 2491TL OPENH	EUR	2,6800	2,6800	2,6800			2,6800					
Certificate	DE000CE6DCZ5	SP500 2492TL OPENZ	EUR	2,3750	2,3750	1,9750	1850,6500	3	1,9750	899				
Certificate	NL0012494173	SP500 2496BL OPENB	EUR	4,0200	4,0200	4,0200			4,0200					
Certificate	DE000CY51W67	SP500 2500TL OPENC	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	DE000CP07BX4	SP500 2500TL OPENC	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	DE000CY51WS0	SP500 2500TL OPENC	EUR	1,6600	1,6600	1,6600			1,6600					
Certificate	DE000CP064M1	SP500 2500TL OPENC	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	NL0012516892	SP500 2503TL OPENH	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	LU1719609676	SP500 2508TCIOPENS	EUR	1,6500	1,6500	1,4500	2267,9000	3	1,4500	1506				
Certificate	NL0012516884	SP500 2513TL OPENH	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	NL0012850846	SP500 2513TRLOPENH	EUR	2,1900	2,2200	1,7600	401,0400	2	1,7600	182				
Certificate	NL0012498893	SP500 2517BL OPENB	EUR	3,6600	3,6600	3,6600			3,6600					
Certificate	DE000VL9VVA2	SP500 2520TL OPENV	EUR	1,4150	1,4150	1,4150			1,4150					
Certificate	DE000CE6EC66	SP500 2523TL OPENZ	EUR	2,1050	2,1050	1,7050			1,7050					
Certificate	NL0012517676	SP500 2524TL OPENH	EUR	2,4100	2,4100	2,4100			2,4100					
Certificate	NL0012498859	SP500 2530TL OPENB	EUR	26,5600	26,5600	22,8900	2656,0000	1	22,8900	100				
Certificate	NL0012550149	SP500 2535TL OPENH	EUR	2,3200	2,3200	2,3200			2,3200					
Certificate	DE000VL76G37	SP500 2539TL OPENV	EUR	1,2050	1,2050	1,2050			1,2050					
Certificate	NL0012523468	SP500 2540TRLOPENH	EUR	1,5300	1,5300	1,5300			1,5300					
Certificate	NL0012522841	SP500 2544TL OPENH	EUR	2,2400	2,2400	2,2400			2,2400					
Certificate	DE000CV8ACE1	SP500 2550TL 1218Z	EUR	1,8850	1,8850	1,4850			1,4850					
Certificate	NL0013125388	SP500 2552TRLOPENH	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	DE000CE6EXF1	SP500 2553TL OPENZ	EUR	1,8350	1,8350	1,4450			1,4450					
Certificate	NL0012502694	SP500 2558BL OPENB	EUR	3,7500	3,7500	2,9100	14126,2500	2	2,9400	4775				
Certificate	NL0013125370	SP500 2562TRLOPENH	EUR	1,3400	1,3400	1,3400			1,3400					
Certificate	NL0012573596	SP500 2563TL OPENH	EUR											
Certificate	NL0012524938	SP500 2563TL OPENH	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	DE000VA1GKS8	SP500 2571TL OPENV	EUR											
Certificate	NL0013125362	SP500 2572TRLOPENH	EUR	1,6900	1,6900	1,2500	3,3800	1	1,2500	2				
Certificate	NL0012573588	SP500 2573TL OPENH	EUR											
Certificate	NL0012573612	SP500 2576TL OPENH	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	NL0012508279	SP500 2578BL OPENB	EUR	3,4600	3,4600	2,5800	4099,4000	2	2,5800	1390				
Certificate	NL0012599658	SP500 2580TRLOPENH	EUR											
Certificate	NL0012573570	SP500 2583TL OPENH	EUR											
Certificate	DE000CE6F082	SP500 2584TL OPENZ	EUR	1,5750	1,5750	1,1750	67,0000	1	1,1750	50				
Certificate	NL0012573604	SP500 2587TL OPENH	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	NL0012779078	SP500 2590TL OPENB	EUR	21,4500	21,8000	17,4300	7296,5000	2	17,4300	340				
Certificate	NL0012850838	SP500 2590TRLOPENH	EUR	1,4600	1,4600	1,0900	438,0000	1	1,0900	300				
Certificate	NL0013146301	SP500 2598BL OPENB	EUR	3,1100	3,1600	2,0500	10120,7000	11	2,2300	3485				
Certificate	DE000CQ5B1U6	SP500 2600TL OPENC	EUR											
Certificate	DE000CQ5AXY8	SP500 2600TL OPENC	EUR											
Certificate	NL0012850820	SP500 2600TRLOPENH	EUR	1,4300	1,4300	1,0000	28,6000	1	1,0000	20				
Certificate	DE000VA80G27	SP500 2603TL OPENV	EUR											
Certificate	NL0012601603	SP500 2604TL OPENH	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0012779680	SP500 2610TL 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	NL0012850812	SP500 2610TRLOPENH	EUR											
Certificate	LU1756867203	SP500 2613TCIOPENS	EUR											
Certificate	NL0012601595	SP500 2613TL OPENH	EUR											
Certificate	DE000CJ3PT25	SP500 2614TL OPENZ	EUR	1,3150	1,3150	0,9150			0,9150					
Certificate	NL0012780076	SP500 2618BL OPENB	EUR											
Certificate	NL0013145634	SP500 2620TL OPENB	EUR	14,4200	14,4200	11,2500	6921,6000	1	11,2500	480				
Certificate	NL0013128846	SP500 2620TRLOPENH	EUR	1,2700	1,2800	0,8000	2775,3600	12	0,8300	2546				
Certificate	NL0012614556	SP500 2621TRLOPENH	EUR											
Certificate	NL0012610984	SP500 2623TRLOPENH	EUR											
Certificate	NL0012846554	SP500 2628TL OPENH	EUR											
Certificate	DE000VA80G42	SP500 2628TL OPENV	EUR											
Certificate	NL0012603450	SP500 2629TRLOPENH	EUR											
Certificate	NL0012611453	SP500 2630TL OPENH	EUR											
Certificate	NL0013129364	SP500 2630TRLOPENH	EUR	0,6700	0,7500	0,6700	100,5000	1	0,7500	150				
Certificate	NL0012846943	SP500 2638TL OPENH	EUR											
Certificate	NL0013017916	SP500 2640TL OPENB	EUR											
Certificate	NL0013129356	SP500 2640TRLOPENH	EUR	0,5900	0,6600	0,5900	118,0000	1	0,6600	200				
Certificate	NL0013128085	SP500 2641TL OPENH	EUR	1,4200	1,4200	1,4200			1,4200					
Certificate	NL0012850804	SP500 2641TRLOPENH	EUR											
Certificate	DE000CV88A89	SP500 2642TL OPENZ	EUR											
Certificate	DE000CJ3PT33	SP500 2644TL OPENZ	EUR	1,0550	1,0550	0,6550			0,6550					
Certificate	NL0012846935	SP500 2648TL OPENH	EUR											
Certificate	DE000CV8ACF8	SP500 2650TL 1218Z	EUR											
Certificate	DE000CJ3PUJ7	SP500 2650TL 1218Z	EUR	1,0150	1,0150	0,6150			0,6150					
Certificate	NL0013129349	SP500 2650TRLOPENH	EUR	0,5800	0,5800	0,5100	269,0000	4	0,5800	510				
Certificate	NL0012850796	SP500 2651TRLOPENH	EUR											
Certificate	DE000VA87D97	SP500 2653TL OPENV	EUR											
Certificate	NL0013017924	SP500 2660TL OPENB	EUR											
Certificate	NL0013127137	SP500 2680TS OPENH	EUR											
Certificate	NL0012269682	SP500 2700BOC1218B	EUR	23,4300	23,6500	23,4300			23,6500					
Certificate	DE000CQ5BJN8	SP500 2700TL OPENC	EUR											
Certificate	NL0013127129	SP500 2700TS OPENH	EUR											
Certificate	NL0013125354	SP500 2709TRSOPENH	EUR											
Certificate	NL0013016975	SP500 2710TS OPENB	EUR											
Certificate	NL0013125347	SP500 2719TRSOPENH	EUR											
Certificate	DE000VA8F4E1	SP500 2719TS OPENV	EUR											
Certificate	LU1841152124	SP500 2725TCIOPENS	EUR											
Certificate	NL0013125339	SP500 2729TRSOPENH	EUR											
Certificate	NL0013016983	SP500 2730TS OPENB	EUR											
Certificate	DE000CJ3PN62	SP500 2734TS OPENZ	EUR											
Certificate	NL0013016306	SP500 2736BS OPENB	EUR											
Certificate	NL0013125321	SP500 2739TRSOPENH	EUR											
Certificate	NL0013125511	SP500 2739TS OPENH	EUR											
Certificate	DE000VA8F030	SP500 2744TS OPENV	EUR											
Certificate	NL0013125313	SP500 2749TRSOPENH	EUR											
Certificate	DE000CJ3PMV9	SP500 2750TS 1218Z	EUR											
Certificate	NL0013016991	SP500 2750TS OPENB	EUR											
Certificate	NL0013016314	SP500 2755BS OPENB	EUR	0,0600	0,0600	0,0600	107,4000	1	0,0600	1790				
Certificate	NL0013125305	SP500 2759TRSOPENH	EUR	0,0600	0,4400	0,0600	580,5000	2	0,4400	9150				
Certificate	DE000CJ3PMF2	SP500 2763TS OPENZ	EUR											
Certificate	NL0013125297	SP500 2769TRSOPENH	EUR	0,1200	0,5200	0,1200	350,0000	2	0,5200	2600				
Certificate	DE000VA8F048	SP500 2769TS OPENV	EUR	0,5250	0,5250	0,5250			0,5250					
Certificate	NL0013017007	SP500 2770TS OPENB	EUR	8,0100	8,3900	7,8400	2139,7500	2	8,3900	270				
Certificate	NL0013016322	SP500 2775BS OPENB	EUR	0,4100	1,3300	0,4100	742,5000	4	1,3300	1050				
Certificate	NL0013125289	SP500 2779TRSOPENH	EUR	0,4800	0,6100	0,4800	116,7500	2	0,6100	225				
Certificate	NL0013127038	SP500 2789TRSOPENH	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	NL0013016165	SP500 2790TS OPENB	EUR	5,7000	10,1700	5,7000	2101,0000	2	10,1700	350				
Certificate	DE000CJ3PHF2	SP500 2793TS OPENZ	EUR	0,3450	0,7550	0,3100	16987,5000	26	0,7550	43950				
Certificate	DE000VA8FU36	SP500 2794TS OPENV	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	NL0012991921	SP500 2795BL OPENB	EUR											
Certificate	NL0013016330	SP500 2795BS OPENB	EUR	0,9200	1,6800	0,9100	491,2600	3	1,6800	479				
Certificate	NL0013087687	SP500 2799TRSOPENH	EUR	0,4000	0,7800	0,4000	420,0000	1	0,7800	1050				
Certificate	DE000CY52ZQ5	SP500 2800TS OPENC	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	DE000CQ5ADY0	SP500 2800TS OPENC	EUR											
Certificate	DE000CQ5AM71	SP500 2800TS OPENC	EUR											
Certificate	NL0013087679	SP500 2809TRSOPENH	EUR	0,4400	0,8700	0,4400	188,0000	2	0,8700	400				
Certificate	LU1841151746	SP500 2810TCIOPENS	EUR	0,5000	0,9200	0,5000	37300,0000	7	0,9200	62000				
Certificate	NL0012992200	SP500 2815BL OPENB	EUR											
Certificate	NL0013010499	SP500 2815BS OPENB	EUR	2,0400	2,0400	2,0400			2,0400					
Certificate	DE000VASRNA8	SP500 2819TL OPENV	EUR											
Certificate	NL0013085269	SP500 2819TS OPENH	EUR	1,4000	1,8400	1,4000	558,0200	3	1,8400	375				
Certificate	DE000VA8FU77	SP500 2819TS OPENV	EUR	0,9550	0,9550	0,9550			0,9550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013010804	SP500 2820TS OPENB	EUR	8,9800	12,7800	8,9800	4490,0000	1	12,7800	500				
Certificate	NL0013082340	SP500 2822TRSOPENH	EUR	0,6000	0,9900	0,6000	2380,0000	3	0,9900	3000				
Certificate	DE000CJ3N4X7	SP500 2823TS OPENZ	EUR	0,6150	1,0150	0,6150			1,0150					
Certificate	NL0013010507	SP500 2835B5 OPENB	EUR	2,2500	2,3900	2,2500	450,0000	1	2,3900	200				
Certificate	NL0013125982	SP500 2839TRSOPENH	EUR	0,7000	1,1300	0,7000	5330,0000	3	1,1300	7000				
Certificate	NL0013009533	SP500 2840TS OPENB	EUR	14,5600	14,5600	14,5600			14,5600					
Certificate	DE000VA71ME9	SP500 2845TS OPENV	EUR	1,1650	1,1650	1,1650			1,1650					
Certificate	NL0013081128	SP500 2847TRSOPENH	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	NL0013081540	SP500 2848TS OPENH	EUR	2,1100	2,1100	2,1100			2,1100					
Certificate	DE000CJ3N6E2	SP500 2850TS 1218Z	EUR	0,8650	1,2650	0,8650			1,2650					
Certificate	DE000CJ3N7U6	SP500 2854TS OPENZ	EUR	0,8750	1,2750	0,8750			1,2750					
Certificate	NL0013010515	SP500 2855B5 OPENB	EUR	2,7400	2,7400	2,7400			2,7400					
Certificate	NL0013083702	SP500 2858TRSOPENH	EUR	0,8900	1,2900	0,8900	1995,0000	2	1,2900	2100				
Certificate	NL0013009541	SP500 2860TS OPENB	EUR	16,3300	16,3300	16,3300			16,3300					
Certificate	NL0013087661	SP500 2869TRSOPENH	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000VA71MH2	SP500 2870TS OPENV	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	NL0013081110	SP500 2872TRSOPENH	EUR	1,0200	1,4300	1,0200	367,5000	2	1,4200	300				
Certificate	NL0013008568	SP500 2875B5 OPENB	EUR	3,0800	3,0800	3,0800			3,0800					
Certificate	NL0013009558	SP500 2880TS OPENB	EUR	18,1100	18,1100	18,1100			18,1100					
Certificate	DE000CJ3N4Y5	SP500 2883TS OPENZ	EUR	1,1350	1,5350	1,1350			1,5350					
Certificate	NL0013084619	SP500 2888TRSOPENH	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	NL0013008576	SP500 2895B5 OPENB	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	DE000VA71MM2	SP500 2895TS OPENV	EUR	1,6050	1,6050	1,6050			1,6050					
Certificate	NL0013009566	SP500 2900TS OPENB	EUR	19,8800	19,8800	19,8800			19,8800					
Certificate	DE000CP07BZ9	SP500 2900TS OPENC	EUR	2,0200	2,0200	2,0200			2,0200					
Certificate	NL0013081102	SP500 2907TRSOPENH	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	DE000CJ3N7V4	SP500 2914TS OPENZ	EUR	1,3950	1,8050	1,3950			1,8050					
Certificate	NL0013008584	SP500 2915B5 OPENB	EUR	3,7000	3,7900	3,7000	370,0000	1	3,7900	100				
Certificate	NL0013084601	SP500 2918TRSOPENH	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	NL0013009574	SP500 2920TS OPENB	EUR	21,6600	21,6600	21,6600			21,6600					
Certificate	DE000VA71MQ3	SP500 2920TS OPENV	EUR	1,8250	1,8250	1,8250			1,8250					
Certificate	NL0013084593	SP500 2928TRSOPENH	EUR	1,9100	1,9100	1,9100			1,9100					
Certificate	NL0012987564	SP500 2935B5 OPENB	EUR	4,1300	4,1300	4,1300			4,1300					
Certificate	NL0012552368	SP500 2938TS OPENH	EUR	2,9200	2,9200	2,9200			2,9200					
Certificate	NL0013006497	SP500 2940TS OPENB	EUR	19,4700	23,4100	19,4500	4867,5000	1	23,4100	250				
Certificate	DE000CE6F0U9	SP500 2943TS OPENZ	EUR	1,6550	2,0650	1,6550			2,0650					
Certificate	NL0012893028	SP500 2947TRSOPENH	EUR	1,6400	2,0800	1,6400	3640,0000	2	2,0800	2000				
Certificate	DE000CJ3N1V7	SP500 2950TS 1218Z	EUR	1,7250	2,1350	1,7250			2,1350					
Certificate	NL0012893010	SP500 2957TRSOPENH	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	NL0012563506	SP500 2957TS OPENH	EUR	3,1000	3,1000	3,1000			3,1000					
Certificate	NL0012676878	SP500 2960TS OPENB	EUR	30,4300	30,4300	30,4300			30,4300					
Certificate	DE000CE6F470	SP500 2974TS OPENZ	EUR	1,9250	2,3350	1,9250			2,3350					
Certificate	NL0012992234	SP500 2975B5 OPENB	EUR	4,8400	4,8400	4,8400			4,8400					
Certificate	NL0012552350	SP500 2978TS OPENH	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	NL0012245831	SP500 2979TRSOPENH	EUR	1,9200	2,3500	1,9100	40080,0000	10	2,3500	20000				
Certificate	DE000VL61HP3	SP500 2989TS OPENV	EUR	2,0450	2,0450	2,0450			2,0450					
Certificate	NL0012993414	SP500 2990TS OPENB	EUR	32,8900	32,8900	32,8900			32,8900					
Certificate	DE000VA15NU0	SP500 2994TS OPENV	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	NL0012992242	SP500 2995B5 OPENB	EUR	5,2200	5,2200	5,1900	261,0000	1	5,1900	50				
Certificate	NL0012893002	SP500 2997TRSOPENH	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0012552343	SP500 2997TS OPENH	EUR	3,4700	3,4700	3,4700			3,4700					
Certificate	NL0013003197	SP500 3000TS OPENB	EUR	28,6000	28,6000	28,6000			28,6000					
Certificate	DE000CY52F59	SP500 3000TS OPENC	EUR	1,7200	2,0200	1,7200	6480,0000	4	2,0000	3500				
Certificate	DE000CQ5B808	SP500 3000TS OPENC	EUR	2,6300	2,6300	2,6300			2,6300					
Certificate	DE000CE6FD31	SP500 3003TS OPENZ	EUR	2,1750	2,5850	2,1750			2,5850					
Certificate	LU1756869597	SP500 3008TPIOPENS	EUR	2,2000	2,2000	2,2000			2,2000					
Certificate	NL0012893507	SP500 3008TRSOPENH	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	NL0012850697	SP500 3009TRSOPENH	EUR	2,6100	2,6100	2,6100			2,6100					
Certificate	NL0011420484	SP500 3011TS OPENH	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	NL0013001027	SP500 3015B5 OPENB	EUR	4,6800	5,5400	4,6800	650,5200	1	5,5400	139				
Certificate	NL0012892996	SP500 3027TRSOPENH	EUR	2,7800	2,7800	2,7800			2,7800					
Certificate	NL0012850689	SP500 3033TRSOPENH	EUR	2,8300	2,8300	2,8300			2,8300					
Certificate	DE000CV4YQW2	SP500 3034TS OPENZ	EUR	2,4450	2,8550	2,4450			2,8550					
Certificate	NL0012555296	SP500 3038TS OPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	DE000VA2T8N3	SP500 3038TS OPENV	EUR	2,7150	2,7150	2,7150			2,7150					
Certificate	DE000CV8ACG6	SP500 3050TS 1218Z	EUR	2,5950	3,0050	2,5950			3,0050					
Certificate	NL0012563498	SP500 3057TS OPENH	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0012850671	SP500 3058TRSOPENH	EUR	3,0500	3,0500	3,0500			3,0500					
Certificate	DE000CV4YQV4	SP500 3065TS OPENZ	EUR	2,7150	3,1250	2,7150			3,1250					
Certificate	NL0012850663	SP500 3083TRSOPENH	EUR	3,2700	3,2700	3,2700			3,2700					
Certificate	DE000VA4YR16	SP500 3083TS OPENV	EUR	3,1450	3,1450	3,1450			3,1450					
Certificate	NL0012894042	SP500 3093TS OPENH	EUR	4,3300	4,3300	4,3300			4,3300					



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	DE000CV4YX55	SP500 3094TS OPENZ	EUR	2,9750	3,3850	2,9750			3,3850					
Certificate	LU1817097584	SP500 3100TPIOPENS	EUR	3,3200	3,3200	3,3200			3,3200					
Certificate	DE000CV525A4	SP500 3100TS OPENC	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	NL0012894588	SP500 3113TS OPENH	EUR	4,5200	4,5200	4,5200			4,5200					
Certificate	DE000CV423J8	SP500 3125TS OPENZ	EUR	3,2450	3,6650	3,2450			3,6650					
Certificate	DE000VA4Y1W0	SP500 3131TS OPENV	EUR	3,5850	3,5850	3,5850			3,5850					
Certificate	NL0012517874	SP500 3132TRSOPENH	EUR	3,6000	3,7000	3,6000	720,0000	1	3,7000	200				
Certificate	NL0012894034	SP500 3133TS OPENH	EUR	4,7000	4,7000	4,7000			4,7000					
Certificate	DE000CV8ACH4	SP500 3150TS 1218Z	EUR	3,4650	3,8750	3,4650			3,8750					
Certificate	DE000VASRM84	SP500 3152TS OPENV	EUR	3,8050	3,8050	3,8050			3,8050					
Certificate	NL0012897714	SP500 3154TS OPENH	EUR	4,8900	4,8900	4,8900			4,8900					
Certificate	DE000CV424M0	SP500 3156TS OPENZ	EUR	3,5150	3,9350	3,5150			3,9350					
Certificate	NL0012850655	SP500 3158TRSOPENH	EUR	3,9300	3,9300	3,9300			3,9300					
Certificate	NL0012676886	SP500 3160TS OPENB	EUR	48,5100	48,5100	48,5100			48,5100					
Certificate	NL0013003924	SP500 3170TS OPENB	EUR	43,5100	43,5100	43,5100			43,5100					
Certificate	NL0012517668	SP500 3170TS OPENH	EUR	5,0400	5,0400	5,0400			5,0400					
Certificate	NL0012850648	SP500 3183TRSOPENH	EUR	4,1400	4,1400	4,1400			4,1400					
Certificate	DE000CV429U2	SP500 3186TS OPENZ	EUR	3,7750	4,1850	3,7750			4,1850					
Certificate	DE000CP063K7	SP500 3200TS OPENC	EUR	4,6100	4,6100	4,6100			4,6100					
Certificate	DE000CP061T2	SP500 3200TS OPENC	EUR	4,2200	4,2200	4,2200			4,2200					
Certificate	DE000CV51888	SP500 3200TS OPENC	EUR	3,6100	3,6100	3,6100			3,6100					
Certificate	DE000CV52392	SP500 3200TS OPENC	EUR	4,1200	4,1200	4,0500	3090,0000	1	4,0500	750				
Certificate	DE000VA6D4D7	SP500 3200TS OPENV	EUR	4,2450	4,2450	4,2450			4,2450					
Certificate	NL0012850630	SP500 3207TRSOPENH	EUR	4,3600	4,3600	4,3600			4,3600					
Certificate	DE000CV42CB3	SP500 3216TS OPENZ	EUR	4,0350	4,4550	4,0350			4,4550					
Certificate	NL0012850622	SP500 3232TRSOPENH	EUR	4,5800	4,5800	4,5800			4,5800					
Certificate	DE000CV42J11	SP500 3247TS OPENZ	EUR	4,3050	4,7250	4,3050			4,7250					
Certificate	NL0012546337	SP500 3275TRSOPENH	EUR	4,9500	4,9500	4,9500			4,9500					
Certificate	DE000CV42L17	SP500 3278TS OPENZ	EUR	4,5750	4,9950	4,5750			4,9950					
Certificate	NL0012677447	SP500 32828S OPENB	EUR	10,2300	10,2300	10,2300			10,2300					
Certificate	NL0012538011	SP500 3295TS OPENH	EUR	6,1800	6,1800	6,1800			6,1800					
Certificate	NL0012850614	SP500 3307TRSOPENH	EUR	5,2400	5,2400	5,2400			5,2400					
Certificate	DE000CV42PH2	SP500 3308TS OPENZ	EUR	4,8450	5,2600	4,8300	3864,0000	1	5,2600	800				
Certificate	LU1840349218	SP500 3314TPIOPENS	EUR	5,2500	5,2500	5,2500			5,2500					
Certificate	NL0012850606	SP500 3332TRSOPENH	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	DE000CV42PJ8	SP500 3339TS OPENZ	EUR	5,1100	5,5300	5,1100			5,5300					
Certificate	DE000CV8ACJ0	SP500 3350TS 1218Z	EUR	5,2000	5,6300	5,2000			5,6300					
Certificate	NL0012850598	SP500 3357TRSOPENH	EUR	5,6700	5,6700	5,6700			5,6700					
Certificate	DE000CV88AY1	SP500 3368TS OPENZ	EUR	5,3700	5,7900	5,3700			5,7900					
Certificate	NL0013003932	SP500 3370TS OPENB	EUR	61,0800	61,0800	61,0800			61,0800					
Certificate	NL0012550636	SP500 3398TRSOPENH	EUR	6,0300	6,0300	6,0300			6,0300					
Certificate	DE000CV88AZ8	SP500 3398TS OPENZ	EUR	5,6300	6,0600	5,6300			6,0600					
Certificate	DE000CQ58JP3	SP500 3400TS OPENC	EUR	6,2300	6,2300	6,2300			6,2300					
Certificate	DE000CV52F67	SP500 3400TS OPENC	EUR	5,4900	5,4900	5,4900			5,4900					
Certificate	NL0012676894	SP500 3410TS OPENB	EUR	71,1300	71,1300	71,1300			71,1300					
Certificate	NL0012550115	SP500 3429TS OPENH	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	DE000CV88B05	SP500 3429TS OPENZ	EUR	5,8900	6,3200	5,8900			6,3200					
Certificate	NL0013085863	SP500 3449TRSOPENH	EUR	6,4800	6,4800	6,4800			6,4800					
Certificate	NL0012850580	SP500 3456TRSOPENH	EUR	6,5500	6,5500	6,5500			6,5500					
Certificate	NL0012866065	SP500 3489TRSOPENH	EUR	6,8300	6,8300	6,8300			6,8300					
Certificate	NL0012557284	SP500 3524TRSOPENH	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	DE000CV8AEU3	SP500 3550TS 1218Z	EUR	6,9500	7,3800	6,9500			7,3800					
Certificate	DE000CV87XP4	SP500 3551TS OPENZ	EUR	6,9600	7,3900	6,9600			7,3900					
Certificate	NL0012559470	SP500 3554TS OPENH	EUR	8,5300	8,5300	8,5300			8,5300					
Certificate	NL0012552335	SP500 3557TS OPENH	EUR	8,5600	8,5600	8,5600			8,5600					
Certificate	DE000CV525B2	SP500 3600TS OPENC	EUR	7,2100	7,2100	7,2100			7,2100					
Certificate	NL0012561567	SP500 3646TRSOPENH	EUR	8,2100	8,2100	8,2100			8,2100					
Certificate	NL0012850572	SP500 3705TRSOPENH	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	NL0012894570	SP500 3713TS OPENH	EUR	9,9800	9,9800	9,9800			9,9800					
Certificate	DE000CJ3NU16	SP500 3750TS 1218Z	EUR	8,6900	9,1300	8,6900			9,1300					
Certificate	NL0012850564	SP500 3755TRSOPENH	EUR	9,1700	9,1700	9,1700			9,1700					
Certificate	DE000CJ3NQ79	SP500 3791TS OPENZ	EUR	9,0700	9,5000	9,0700			9,5000					
Certificate	NL0012850556	SP500 3804TRSOPENH	EUR	9,6100	9,6100	9,6100			9,6100					
Certificate	NL0012850549	SP500 3854TRSOPENH	EUR	10,0400	10,0400	10,0400			10,0400					
Certificate	NL0012850531	SP500 3904TRSOPENH	EUR	10,4800	10,4800	10,4800			10,4800					
Certificate	NL0012850523	SP500 3954TRSOPENH	EUR	10,9200	10,9200	10,9200			10,9200					
Certificate	NL0012910236	SP500 4012TRSOPENH	EUR	11,4300	11,4300	11,4300			11,4300					
Certificate	NL0012910228	SP500 4062TRSOPENH	EUR	11,8700	11,8700	11,8700			11,8700					
Certificate	NL0010108254	SPBNK122.6TL OPENB	EUR	18,0500	18,0500	18,0500			18,0500					
Certificate	NL0010225637	SPHOM 389TL OPENB	EUR											
Certificate	DE000CQ5AGF2	SPOTF 110TL OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CQ5AGK2	SPOTF 110TL OPENC	EUR	3,1900	3,1900	3,1900			3,1900					



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	DE000CJ3M4K4	SPOTF 115TL 1218Z	EUR	2,3650	2,3650	2,3650			2,3650					
Certificate	DE000CQ5AGL0	SPOTF 120TL OPENC	EUR	2,3500	2,3500	2,3500			2,3500					
Certificate	DE000CQ5AGG0	SPOTF 120TL OPENC	EUR	1,5400	1,5400	1,5400			1,5400					
Certificate	DE000CJ3NPF0	SPOTF 130TL 1218Z	EUR	1,0650	1,0650	1,0650			1,0650					
Certificate	DE000CQ58ZE3	SPOTF 130TL OPENC	EUR	1,0300	1,0300	1,0300			1,0300					
Certificate	DE000CQ5AGH8	SPOTF 130TL OPENC	EUR											
Certificate	DE000CQ5AGM8	SPOTF 130TL OPENC	EUR											
Certificate	DE000CJ3N1T1	SPOTF 140TL 1218Z	EUR											
Certificate	DE000CQ58006	SPOTF 150TL OPENC	EUR											
Certificate	DE000CQ58ZF0	SPOTF 150TS OPENC	EUR	0,9200	0,9200	0,9200			0,9200					
Certificate	DE000CQ58ZG8	SPOTF 160TS OPENC	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000CP06X97	SPOTF 170TS OPENC	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	DE000CP07AB2	SPOTF 170TS OPENC	EUR	3,8000	3,8000	3,8000			3,8000					
Certificate	DE000CP07AC0	SPOTF 180TS OPENC	EUR	4,7400	4,7400	4,7400			4,7400					
Certificate	DE000CP06XA8	SPOTF 180TS OPENC	EUR	3,5400	3,5400	3,5400			3,5400					
Certificate	DE000CP06XB6	SPOTF 190TS OPENC	EUR	4,4100	4,4100	4,4100			4,4100					
Certificate	DE000CP07AD8	SPOTF 190TS OPENC	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	NL0012971972	SPOTF 203TS OPENB	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	DE000CV89AY0	SPOTF103.2TL OPENZ	EUR	3,3250	3,3250	3,3250			3,3250					
Certificate	NL0013018724	SPOTF107.3TL OPENB	EUR	3,5900	3,5900	3,5900			3,5900					
Certificate	NL0013009764	SPOTF112.6TL OPENB	EUR	3,1400	3,1400	3,1400			3,1400					
Certificate	DE000CJ3PTC4	SPOTF113.5TL OPENZ	EUR	2,4350	2,4350	2,4350			2,4350					
Certificate	NL0013146566	SPOTF114.3BL OPENB	EUR	2,5100	2,5100	2,5100			2,5100					
Certificate	NL0012780340	SPOTF118.5TL OPENB	EUR	2,6600	2,6600	2,6600			2,6600					
Certificate	DE000CV899D1	SPOTF123.5TL OPENZ	EUR	1,5650	1,5650	1,5650			1,5650					
Certificate	NL0013008774	SPOTF124.3BL OPENB	EUR	1,5700	1,6300	1,5700	157,0000	1	1,6300	100				
Certificate	NL0012779904	SPOTF124.4TL OPENB	EUR	2,1800	2,1800	2,1800			2,1800					
Certificate	NL0013146020	SPOTF130.7TL OPENB	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0013006158	SPOTF134.3BL OPENB	EUR											
Certificate	NL0012779920	SPOTF136.9TL OPENB	EUR											
Certificate	NL0013146038	SPOTF137.3TL OPENB	EUR											
Certificate	NL0013005861	SPOTF150.4TL OPENB	EUR											
Certificate	NL0013017353	SPOTF151.9TS OPENB	EUR											
Certificate	NL0013013915	SPOTF162.3BS OPENB	EUR	2,0900	2,0900	2,0900			2,0900					
Certificate	NL0013013741	SPOTF163.3TS OPENB	EUR	3,1500	3,1500	3,1500			3,1500					
Certificate	NL0013005648	SPOTF175.6TS OPENB	EUR	4,3200	4,3200	4,3200			4,3200					
Certificate	NL0013004823	SPOTF182.2BS OPENB	EUR	3,8400	3,8400	3,8400			3,8400					
Certificate	NL0012995930	SPOTF188.8TS OPENB	EUR	5,5800	5,5800	5,5800			5,5800					
Certificate	NL0012979025	SPOTF202.2BS OPENB	EUR	5,6000	5,6000	5,6000			5,6000					
Certificate	NL0012979769	SPOTF222.2BS OPENB	EUR	7,3500	7,3500	7,3500			7,3500					
Certificate	DE000VN61ZE5	SPX LEVOPENV	EUR	13,8800	13,9400	11,2900	208,2000	1	11,2900	15				
Certificate	DE000VN61ZD7	SPX LEVOPENV	EUR	15,5950	15,5950	15,5950			15,5950					
Certificate	DE000VN61ZF2	SPX LEVOPENV	EUR	6,9100	6,9300	5,2000	12052,5000	2	5,2000	1750				
Certificate	DE000VA12HU0	SPX SHROPEV	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000VN61ZG0	SPX SHROPEV	EUR	0,7750	0,7750	0,7750			0,7750					
Certificate	DE000VN61ZH8	SPX SHROPEV	EUR	0,1400	0,1500	0,1350	580,0000	2	0,1450	4000				
Certificate	DE000VN61ZJ4	SPX SHROPEV	EUR	0,0250	0,0250	0,0250			0,0250					
Certificate	DE000CY52263	SQ 50TL OPENC	EUR	2,4500	2,4500	2,4500			2,4500					
Certificate	DE000CP06Y39	SQ 60TL OPENC	EUR	1,5500	1,5500	1,5500			1,5500					
Certificate	DE000CP06Y47	SQ 65TL OPENC	EUR											
Certificate	DE000CY52271	SQ 65TL OPENC	EUR	1,1300	1,1300	1,1300			1,1300					
Certificate	DE000CY52289	SQ 75TS OPENC	EUR											
Certificate	DE000CP06Y70	SQ 85TS OPENC	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CP06Y88	SQ 90TS OPENC	EUR	1,1200	1,1200	1,1200			1,1200					
Certificate	DE000CJ3PGT5	SQ 50.06TL OPENZ	EUR	2,4350	2,4350	2,4350			2,4350					
Certificate	DE000CJ3PGU3	SQ 60.07TL OPENZ	EUR	1,5200	1,5650	1,5100	220,2000	3	1,5650	145				
Certificate	DE000CR6YAY3	SRENH65.32TL OPENZ	EUR	2,3000	2,3000	2,0950			2,0950					
Certificate	DE000CR6YAZ0	SRENH72.18TL OPENZ	EUR	1,7000	1,7000	1,5050			1,5050					
Certificate	DE000CF6C295	SRENH79.84TL OPENZ	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000CV50335	SRGMI 2.77TL OPENZ	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000CV4Z001	SRGMI 3.25TL OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	DE000CV8BDV1	SSE 7.664TL OPENZ	EUR	0,4450	0,4450	0,4450			0,4450					
Certificate	DE000CN6HTF1	SSE 9.674TL OPENZ	EUR	0,2350	0,2350	0,2150			0,2150					
Certificate	DE000CJ3N6U8	SSYS 14.85TL OPENZ	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000CV8ATG0	SSYS 17.35TL OPENZ	EUR	1,3900	1,3900	1,3900			1,3900					
Certificate	DE000CV8ATH8	SSYS 19.51TL OPENZ	EUR											
Certificate	DE000CJ3PWL9	SSYS 20.59TL OPENZ	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	DE000CX00QM4	STARB 70TS OPENC	EUR											
Certificate	DE000CX0HP56	STARB 70TS OPENC	EUR											
Certificate	DE000CX0HN41	STARB 70TS OPENC	EUR											
Certificate	NL0009746890	STARB 13.9TL OPENB	EUR	89,4400	89,4400	89,4400			89,4400					
Certificate	NL0009995968	STARB 17.9TL OPENB	EUR	82,7800	82,7800	82,7800			82,7800					



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	NL0010893178	STARB 35.7TL OPENB	EUR	53,6600	53,6600	53,6600			53,6600					
Certificate	NL0010906616	STARB 39.6TL OPENB	EUR	47,2300	47,2300	47,2300			47,2300					
Certificate	NL0012777288	STARB 58.9TS OPENB	EUR											
Certificate	NL0011251293	STARB 63.3TS OPENB	EUR											
Certificate	NL0013008030	STARB 68.3TS OPENB	EUR	8,8200	8,8200	8,8200			8,8200					
Certificate	DE000CC60DD9	STARB40.26TL OPENC	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	FR0013123767	STD11 SHROPENS	EUR											
Certificate	NL0010131413	STGOB 20.4TL OPENB	EUR	1,4350	1,4350	1,4350			1,4350					
Certificate	DE000CV89K37	STGOB 26.3TL OPENZ	EUR	0,6700	0,6750	0,6700	100,5000	1	0,6750	150				
Certificate	DE000CJ3PF99	STGOB21.27TL OPENZ	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	DE000CD64F01	STMIC 10.6TL OPENZ	EUR	3,2800	3,2800	3,2800			3,2800					
Certificate	DE000CJ3PLM0	STMIC8.594TL OPENZ	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	XS1093252101	STN BASK0523	EUR											
Certificate	NL0012914584	STOXB 120.75 OPENH	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	NL0013125990	STOXB 97.5TRSOPENH	EUR											
Certificate	NL0013085590	STOXB102.3TRSOPENH	EUR	0,0300	0,0300	0,0300			0,0300					
Certificate	NL0013085277	STOXB102.3TS OPENH	EUR	0,0500	0,0500	0,0500			0,0500					
Certificate	NL0013085871	STOXB104.8TRSOPENH	EUR	0,0500	0,0500	0,0500			0,0500					
Certificate	NL0012906820	STOXB106.9TRSOPENH	EUR	0,0700	0,0700	0,0700			0,0700					
Certificate	NL0012906903	STOXB106.9TS OPENH	EUR	0,1000	0,1000	0,1000			0,1000					
Certificate	NL0012905459	STOXB111.8TRSOPENH	EUR	0,1200	0,1200	0,1200			0,1200					
Certificate	NL0012936504	STOXB113.7TS OPENH	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0012937148	STOXB113.8TRSOPENH	EUR	0,1400	0,1400	0,1400			0,1400					
Certificate	NL0012935092	STOXB116.1TRSOPENH	EUR	0,1700	0,1700	0,1700			0,1700					
Certificate	NL0012901060	STOXB116.6TS OPENH	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	NL0012914212	STOXB117.5TRSOPENH	EUR	0,1800	0,1800	0,1800			0,1800					
Certificate	NL0012914592	STOXB117.5TS OPENH	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	NL0012914204	STOXB119.9TRSOPENH	EUR	0,2100	0,2100	0,2100			0,2100					
Certificate	NL0012914196	STOXB122.4TRSOPENH	EUR	0,2300	0,2300	0,2300			0,2300					
Certificate	NL0012914576	STOXB122.4TS OPENH	EUR	0,2500	0,2500	0,2500			0,2500					
Certificate	NL0012934103	STOXB125.7TS OPENH	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	NL0012914188	STOXB127.3TRSOPENH	EUR	0,2800	0,2800	0,2800			0,2800					
Certificate	NL0012914568	STOXB127.4TS OPENH	EUR	0,3000	0,3000	0,3000			0,3000					
Certificate	NL0012914170	STOXB132.3TRSOPENH	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	NL0012914162	STOXB137.2TRSOPENH	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	NL0012914550	STOXB137.2TS OPENH	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	NL0012914154	STOXB142.1TRSOPENH	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0012914147	STOXB147.1TRSOPENH	EUR	0,4800	0,4800	0,4800			0,4800					
Certificate	NL0012914543	STOXB147.1TS OPENH	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	NL0012914295	STOXB90.11TRLOPENH	EUR	0,1000	0,1000	0,1000			0,1000					
Certificate	NL0013126345	STOXB92.48TL OPENH	EUR	0,0900	0,0900	0,0900			0,0900					
Certificate	NL0013128101	STOXB95.01TL OPENH	EUR	0,0600	0,0600	0,0600			0,0600					
Certificate	XS1237141483	STOXB STN0820K	EUR											
Certificate	DE000CE6C2R4	STOXX 428.TS OPENZ	EUR	0,6900	0,6900	0,6900			0,6900					
Certificate	DE000CN6JFU5	STOXX210.8TL OPENZ	EUR	1,5850	1,5850	1,5500			1,5500					
Certificate	DE000CN6HPG7	STOXX227.3TL OPENZ	EUR	1,4150	1,4150	1,3900			1,3900					
Certificate	DE000CN6HPF9	STOXX244.9TL OPENZ	EUR	1,2450	1,2450	1,2100			1,2100					
Certificate	DE000CN6F3T6	STOXX262.6TL OPENZ	EUR	1,0650	1,0650	1,0400			1,0400					
Certificate	DE000CN6F792	STOXX283.4TL OPENZ	EUR	0,8650	0,8650	0,8300			0,8300					
Certificate	DE000CD61T73	STOXX299.8TL OPENZ	EUR	0,6950	0,6950	0,6700			0,6700					
Certificate	DE000CD63N51	STOXX317.2TL OPENZ	EUR	0,5250	0,5250	0,5000			0,5000					
Certificate	DE000CD644F8	STOXX335.5TL OPENZ	EUR	0,3450	0,3450	0,3200			0,3200					
Certificate	DE000CJ3N5W6	STOXX380.9TS OPENZ	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CD647U0	STOXX400.5TS OPENZ	EUR	0,3850	0,4100	0,3850			0,4100					
Certificate	DE000CE6DJD7	STOXX457.4TS OPENZ	EUR	0,9900	0,9900	0,9900			0,9900					
Certificate	DE000CV4ZB68	STOXX486.9TS OPENZ	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0009996479	SUEZE 3.96TL OPENB	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	NL0012263396	SUEZE16.67TS OPENB	EUR	5,0200	5,2700	5,0200			5,2700					
Certificate	NL0012275721	SUEZE17.66TS OPENB	EUR	6,0900	6,3400	6,0900			6,3400					
Certificate	DE000CJ3PED4	SUGAR 0.13TL OPENZ	EUR											
Certificate	DE000CJ3NXQ1	SUGAR0.085TL OPENZ	EUR	4,2350	4,4650	4,2350	440,0000	1	4,4650	100				
Certificate	DE000CV89YK9	SUGAR0.095TL OPENZ	EUR	3,3950	3,6250	3,3950			3,6250					
Certificate	NL0012614176	SUGAR0.104TL OPENH	EUR											
Certificate	DE000CJ3NXR9	SUGAR0.105TL OPENZ	EUR	2,5150	2,7450	2,5150			2,7450					
Certificate	DE000CJ3NOM8	SUGAR0.115TL OPENZ	EUR	1,6600	1,8850	1,6600			1,8850					
Certificate	DE000CJ3NXT5	SUGAR0.144TS OPENZ	EUR	1,3550	1,3550	1,1450			1,1450					
Certificate	NL0012614051	SUGAR0.149TS OPENH	EUR											
Certificate	DE000CV87ZA1	SUGAR0.154TS OPENZ	EUR	2,2350	2,2350	2,0250			2,0250					
Certificate	NL0012614044	SUGAR0.159TS OPENH	EUR											
Certificate	DE000CJ3N0N6	SUGAR0.164TS OPENZ	EUR	3,1000	3,1000	2,8950			2,8950					
Certificate	DE000CE6DRY6	SUGAR0.174TS OPENZ	EUR	3,9850	3,9850	3,7850			3,7850					
Certificate	NL0012614036	SUGAR0.208TS 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	NL0011931399	SUGAR0.251TS OPENH	EUR											
Certificate	NL0011931381	SUGAR0.253TS OPENH	EUR											
Certificate	NL0010382701	SVT 1280TL OPENB	EUR	8,2400	8,2400	8,2400				8,2400				
Certificate	DE000CD61PJ6	SWATC226.8TL OPENZ	EUR	11,2150	11,2150	11,2150				11,2150				
Certificate	DE000CN6H608	SWATC257.7TL OPENZ	EUR	8,5250	8,5250	8,5250				8,5250				
Certificate	DE000CD63922	SWATC289.6TL OPENZ	EUR	5,7500	5,7500	5,7500				5,7500				
Certificate	CH0025955326	SK4E PI OPENU	EUR											
Certificate	DE000VN61ZM8	SK5E LEVOPENV	EUR	0,7950	0,7950	0,7950				0,7950				
Certificate	DE000VN61ZL0	SK5E LEVOPENV	EUR	2,7750	2,7750	2,7750				2,7750				
Certificate	DE000VN61ZK2	SK5E LEVOPENV	EUR	6,4900	6,4900	5,9350	1947,0000	1	5,9350	300				
Certificate	DE000VN61ZP1	SK5E SHROPENV	EUR	0,6950	0,6950	0,6950				0,6950				
Certificate	DE000VN61ZQ9	SK5E SHROPENV	EUR	0,1150	0,1150	0,1150				0,1150				
Certificate	DE000VA54521	SK5E SHROPENV	EUR	11,6900	11,6900	11,6900				11,6900				
Certificate	DE000VN61ZN6	SK5E SHROPENV	EUR	2,9200	2,9200	2,9200				2,9200				
Certificate	FR0013123684	SK5S7 SHROPENS	EUR											
Certificate	CH0025957652	SK8E PI OPENU	EUR											
Certificate	CH0025957611	SKKE PI OPENU	EUR											
Certificate	CH0025957579	SKQE PI OPENU	EUR											
Certificate	DE0006075377	SKRE PI OPENB	EUR	29,7600	29,7600	29,7600				29,7600				
Certificate	CH0025957678	SKRE PI OPENU	EUR											
Certificate	CH0025955383	SXTE PI OPENU	EUR											
Certificate	DE000CV4ZRK2	SY1G 51.78TL OPENZ	EUR	1,1550	1,1550	1,1550				1,1550				
Certificate	DE000CV4YXU2	SY1G 58.77TL OPENZ	EUR	0,8050	0,8050	0,8050				0,8050				
Certificate	DE000CJ3PQ36	SY1G 66.75TL OPENZ	EUR	0,4150	0,4150	0,4150				0,4150				
Certificate	DE000CJ3N2B7	TATA 10.09TL OPENZ	EUR	0,4950	0,4950	0,4950				0,4950				
Certificate	DE000CV8AWQ3	TATA 11.11TL OPENZ	EUR	0,3250	0,3250	0,3250				0,3250				
Certificate	DE000CJ3N500	TATA 7.581TL OPENZ	EUR	0,9350	0,9350	0,9350				0,9350				
Certificate	DE000CJ3PE14	TATA 9.082TL OPENZ	EUR	0,6750	0,6750	0,6750				0,6750				
Certificate	NL0006217150	TBOND 100TL OPENB	EUR	35,3700	35,3700	35,3700				35,3700				
Certificate	NL0010658696	TBOND134.4TL OPENB	EUR	6,1100	6,1100	6,1100				6,1100				
Certificate	NL0010148979	TBOND152.5TS OPENA	EUR											
Certificate	DE000CR9PUA3	TECDX 1543TL OPENZ	EUR	11,6400	11,6400	11,3400				11,3400				
Certificate	DE000CR9PRJ0	TECDX 1648TL OPENZ	EUR	10,5800	10,5800	10,2800				10,2800				
Certificate	DE000CD629M5	TECDX 1751TL OPENZ	EUR	9,5600	9,5600	9,2600				9,2600				
Certificate	DE000CD645Y6	TECDX 1851TL OPENZ	EUR	8,5500	8,5500	8,2600				8,2600				
Certificate	DE000CE6BLT3	TECDX 1951TL OPENZ	EUR	7,5500	7,5500	7,2500				7,2500				
Certificate	DE000CE6C2F9	TECDX 2051TL OPENZ	EUR	6,5500	6,5500	6,2500				6,2500				
Certificate	DE000CE6CMA9	TECDX 2151TL OPENZ	EUR	5,5600	5,7000	5,2600	2280,0000	1		5,2600	400			
Certificate	DE000CE6D8D0	TECDX 2250TL OPENZ	EUR	4,5700	4,5700	4,2700				4,2700				
Certificate	DE000CE6ERB2	TECDX 2350TL OPENZ	EUR	3,5700	3,5700	3,2800				3,2800				
Certificate	DE000CE6F058	TECDX 2449TL OPENZ	EUR	2,5900	2,7500	2,2900	2750,0000	1	2,2900	1000				
Certificate	DE000CJ3PKH2	TECDX 2685TS OPENZ	EUR											
Certificate	DE000CJ3N005	TECDX 2885TS OPENZ	EUR	2,0000	2,2900	2,0000				2,2900				
Certificate	DE000CV4Z9P2	TECDX 3085TS OPENZ	EUR	3,9900	4,2800	3,9900				4,2800				
Certificate	DE000CV4ZN15	TECDX 3211TS OPENZ	EUR	5,2500	5,5400	5,2500				5,5400				
Certificate	DE000CV8B4M4	TECDX 3411TS OPENZ	EUR	7,2500	7,5400	7,2500				7,5400				
Certificate	DE000CV890H1	TECDX 3610TS OPENZ	EUR	9,2400	9,5300	9,2400				9,5300				
Certificate	DE000CJ3NXB3	TELEN 40.1TL OPENZ	EUR	0,4800	0,6000	0,4500	125580,0000	34	0,5800	256900				
Certificate	NL0013004401	TELEN 41.7BL OPENB	EUR											
Certificate	NL0013011372	TELEN 43.7BL OPENB	EUR											
Certificate	NL0012796643	TELEN 47.5B0C0919Z	EUR	43,6700	43,6700	43,6700				43,6700				
Certificate	NL0012796650	TELEN 47.5B0C1219Z	EUR	43,5900	43,5900	43,5900				43,5900				
Certificate	DE000CV89K45	TELEN19.76TL OPENZ	EUR	2,6200	2,6200	2,6200				2,6200				
Certificate	DE000CV89937	TELEN24.79TL OPENZ	EUR	2,1200	2,1200	2,1200				2,1200				
Certificate	DE000CV89K52	TELEN27.83TL OPENZ	EUR	1,8200	1,8200	1,8200				1,8200				
Certificate	DE000CV89135	TELEN29.84TL OPENZ	EUR	1,6100	1,6100	1,6100				1,6100				
Certificate	DE000CV89K60	TELEN32.84TL OPENZ	EUR	1,3000	1,3000	1,3000				1,3000				
Certificate	NL0012995468	TELEN35.68BL OPENB	EUR	0,9950	1,0750	0,9950	5000,0000	1	1,0750	5000				
Certificate	DE000CV8AJ99	TELEN36.82TL OPENZ	EUR	0,8600	0,9000	0,8600	86,0000	1	0,9000	100				
Certificate	NL0012992887	TELEN37.68BL OPENB	EUR	0,7950	0,8750	0,7950				0,8750				
Certificate	NL0012992895	TELEN39.69BL OPENB	EUR	0,5950	0,6750	0,5700	12567,0000	3	0,6750	20900				
Certificate	NL0013018500	TELEN47.86BS OPENB	EUR	0,3750	0,3750	0,2850				0,2850				
Certificate	NL0012997688	TELEN51.86BS OPENB	EUR	0,7750	0,7750	0,6850				0,6850				
Certificate	DE000CV88K53	TELEN51.93TS OPENZ	EUR	0,6500	0,6500	0,6500				0,6500				
Certificate	NL0013012081	TELEN55.86BS OPENB	EUR	1,1750	1,1750	1,0850				1,0850				
Certificate	DE000CE6BY14	TELEN56.92TS OPENZ	EUR	1,2150	1,2150	1,1500				1,1500				
Certificate	NL0012976922	TELFO 4.6TL OPENB	EUR	3,1550	3,1650	3,1550				3,1650				
Certificate	NL0012497721	TELFO 5.6TL OPENB	EUR	2,2450	2,2550	2,2450				2,2550				
Certificate	NL0011535992	TELFO 6.5TL OPENB	EUR	1,3350	1,3450	1,3350				1,3450				
Certificate	NL0012791974	TELFO 8.1TS OPENB	EUR	1,4350	1,4350	1,4150				1,4150				
Certificate	NL0011522313	TELFO 10.1TS OPENB	EUR	3,6250	3,6250	3,6050				3,6050				
Certificate	DE000CV89C29	TELFO4.599TL OPENZ	EUR	2,8000	2,8000	2,8000				2,8000				



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	DE000CV507T6	TELF05.612TL OPENZ	EUR	1,7900	1,7900	1,7900			1,7900					
Certificate	DE000CV42UT7	TELF06.116TL OPENZ	EUR	1,2900	1,2900	1,2900			1,2900					
Certificate	DE000CV89P81	TELF07.874TS OPENZ	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CE6FH3	TELF08.874TS OPENZ	EUR	1,5000	1,5000	1,5000			1,5000					
Certificate	DE000CE6DTB0	TELF09.969TS OPENZ	EUR	2,5900	2,5900	2,5900			2,5900					
Certificate	DE000CN6CQJ6	TESB 24.7TL OPENZ	EUR	0,8500	0,8500	0,8500			0,8500					
Certificate	DE000CN6HGM4	TESB 21.21TL OPENZ	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CN6HEB2	TESB 22.93TL OPENZ	EUR	1,0200	1,0200	1,0200			1,0200					
Certificate	DE000CN6IUZ3	TESB 26.22TL OPENZ	EUR	0,7000	0,7000	0,7000			0,7000					
Certificate	DE000CN6JW84	TESB 27.79TL OPENZ	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CJ3PUN9	TESB 29.79TL OPENZ	EUR	0,3600	0,3600	0,3600			0,3600					
Certificate	DE000CJ3N666	TESB 32.95TS OPENZ	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000CV87ZK0	TESB 36.45TS OPENZ	EUR	0,6500	0,6500	0,6500			0,6500					
Certificate	DE000CE6FJ84	TESB 41.18TS OPENZ	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	DE000CV87UJ3	TESCO1.442TL OPENZ	EUR	0,8250	0,8250	0,8250			0,8250					
Certificate	DE000CV4YY47	TESCO1.644TL OPENZ	EUR	0,5950	0,5950	0,5950			0,5950					
Certificate	DE000CV4YZD3	TESCO1.896TL OPENZ	EUR	0,3050	0,3050	0,3050			0,3050					
Certificate	NL0010381844	TESLA 81TL OPENB	EUR	23,7300	23,7300	23,7300			23,7300					
Certificate	DE000CX593M9	TESLA 175TL OPENC	EUR	13,0800	13,0800	13,0800			13,0800					
Certificate	DE000CJ3N1X3	TESLA 200TL 1218Z	EUR	6,5800	6,5800	6,4000	6580,0000	1	6,4000	1000				
Certificate	DE000CP07B84	TESLA 200TL OPENC	EUR	13,7500	13,7500	13,7500			13,7500					
Certificate	DE000CP067E1	TESLA 200TL OPENC	EUR	12,6300	12,6300	12,6300			12,6300					
Certificate	DE000CJ3N6N3	TESLA 215TL 1218Z	EUR	5,7400	5,7400	5,7400			5,7400					
Certificate	DE000CQ58AF3	TESLA 220TL OPENC	EUR	11,6400	11,6400	11,6400			11,6400					
Certificate	DE000CQ581D2	TESLA 220TL OPENC	EUR	10,5000	10,5000	10,5000			10,5000					
Certificate	DE000CV8AD38	TESLA 230TL 1218Z	EUR	5,0900	5,0900	5,0900			5,0900					
Certificate	DE000CV8B1E7	TESLA 240TL 0319Z	EUR	4,6350	4,6350	4,6350			4,6350					
Certificate	DE000CP07B92	TESLA 240TL OPENC	EUR	10,4400	10,4400	10,4400			10,4400					
Certificate	DE000CP06UT4	TESLA 240TL OPENC	EUR	9,2100	9,2100	9,2100			9,2100					
Certificate	DE000CQ5ALD7	TESLA 240TL OPENC	EUR	10,0100	10,0100	9,7700	50,0500	1	9,7700	5				
Certificate	DE000CQ5AJ43	TESLA 240TL OPENC	EUR	8,3000	8,9100	8,3000	8756,0000	3	8,5200	1000				
Certificate	DE000CJ3N2G6	TESLA 245TL 1218Z	EUR	4,4350	4,4350	4,4350			4,4350					
Certificate	DE000CY52YT2	TESLA 260TL OPENC	EUR	7,5300	7,5300	7,5300			7,5300					
Certificate	DE000CQ5AXA8	TESLA 275TL OPENC	EUR											
Certificate	DE000CQ5ATRO	TESLA 275TL OPENC	EUR											
Certificate	DE000CY52YU0	TESLA 280TL OPENC	EUR	5,7800	5,7800	5,7800			5,7800					
Certificate	DE000CY52YV8	TESLA 300TL OPENC	EUR	4,0300	4,0300	4,0300			4,0300					
Certificate	DE000CY52YW6	TESLA 320TL OPENC	EUR	2,4800	2,4800	2,0000	4100,0000	3	2,2900	1800				
Certificate	DE000CQ58LJ2	TESLA 325TL OPENC	EUR											
Certificate	DE000CQ58JA5	TESLA 340TL OPENC	EUR											
Certificate	DE000CY52YX4	TESLA 340TS OPENC	EUR											
Certificate	DE000CP061A2	TESLA 340TS OPENC	EUR											
Certificate	DE000CP06321	TESLA 340TS OPENC	EUR											
Certificate	DE000VA80G00	TESLA 341TS OPENV	EUR											
Certificate	DE000CY52YY2	TESLA 350TS OPENC	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	DE000CQ58U54	TESLA 360TS OPENC	EUR	0,9100	1,1600	0,8900	2187,3000	2	1,1600	2030				
Certificate	DE000CQ58LK0	TESLA 360TS OPENC	EUR											
Certificate	DE000CY51L60	TESLA 380TS OPENC	EUR											
Certificate	DE000CQ58W11	TESLA 380TS OPENC	EUR	4,7800	4,7800	4,7800			4,7800					
Certificate	DE000CY503R6	TESLA 400TS OPENC	EUR											
Certificate	DE000CY501D0	TESLA 400TS OPENC	EUR											
Certificate	DE000CY507G0	TESLA 420TS OPENC	EUR	3,4000	3,6500	3,4000	5100,0000	1	3,6500	1500				
Certificate	DE000CQ58JB3	TESLA 420TS OPENC	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	DE000CY507H8	TESLA 430TS OPENC	EUR	4,1100	4,4400	4,1100	1068,6000	1	4,4400	260				
Certificate	DE000CY508Q7	TESLA 430TS OPENC	EUR	5,9100	5,9100	5,9100			5,9100					
Certificate	DE000CY507J4	TESLA 440TS OPENC	EUR	5,2500	5,2500	5,2400	367,5000	1	5,2400	70				
Certificate	DE000CJ3N5P0	TESLA 215.TL OPENZ	EUR	5,6900	5,6900	5,6900			5,6900					
Certificate	DE000VAD6D641	TESLA 217.TL OPENV	EUR	11,2650	11,2650	11,2650			11,2650					
Certificate	DE000CJ3PRF1	TESLA 315.TL OPENZ	EUR	1,5200	1,5200	1,2700	15870,9200	2	1,3550	11971				
Certificate	DE000CE6DL90	TESLA 393.TS OPENC	EUR	4,0500	4,6000	4,0000	93664,9500	26	4,3600	21751				
Certificate	NL0010445813	TESLA115.2TL OPENB	EUR	21,0000	21,0000	21,0000			21,0000					
Certificate	NL0011643895	TESLA136.7BL OPENB	EUR	18,6100	18,6100	18,6100			18,6100					
Certificate	NL0011642517	TESLA147.9BL OPENB	EUR	17,6200	17,6200	17,6200			17,6200					
Certificate	NL0010524385	TESLA149.8TL OPENB	EUR	18,2300	18,2300	18,2300			18,2300					
Certificate	DE000CJ3N062	TESLA159.6TL OPENZ	EUR	8,1000	8,1000	8,1000			8,1000					
Certificate	NL0011651310	TESLA170.4TL OPENB	EUR	16,5900	16,5900	16,5900			16,5900					
Certificate	NL0011652805	TESLA181.2TL OPENB	EUR	15,7200	15,7200	15,7200			15,7200					
Certificate	NL0011650866	TESLA181.5BL OPENB	EUR	14,6700	14,6700	14,6700			14,6700					
Certificate	DE000CV8B7H7	TESLA184.7TL OPENZ	EUR	7,0000	7,0200	7,0000	700,0000	1	7,0200	100				
Certificate	NL0012034946	TESLA191.9TL OPENB	EUR	14,8700	14,8700	14,8700			14,8700					
Certificate	DE000VA7TEC5	TESLA197.8TL OPENV	EUR	13,1150	13,1150	13,1150			13,1150					
Certificate	DE000VA7TED3	TESLA200.3TL OPENV	EUR	12,8950	12,8950	12,8950			12,8950					



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	NL0012100507	TESLA202.5TL OPENB	EUR	14,0300	14,0300	14,0300			14,0300					
Certificate	DE000VA7TCP1	TESLA202.8TL OPENV	EUR	12,6350	12,6350	12,6350			12,6350					
Certificate	DE000CV8B7J3	TESLA204.8TL OPENZ	EUR	6,2400	6,2400	6,1300	624,0000	1	6,1300	100				
Certificate	DE000VA7TCQ9	TESLA205.3TL OPENV	EUR	12,4150	12,4150	12,4150			12,4150					
Certificate	DE000VA7TCS5	TESLA207.8TL OPENV	EUR	12,1950	12,1950	12,1950			12,1950					
Certificate	DE000VA64ZT4	TESLA210.1TL OPENV	EUR	11,9650	11,9650	11,9650			11,9650					
Certificate	DE000VA64ZU2	TESLA212.6TL OPENV	EUR	11,7450	11,7450	11,7450			11,7450					
Certificate	DE000VA7TA43	TESLA213.3TL OPENV	EUR	12,4650	12,4650	12,4650			12,4650					
Certificate	DE000VA64ZV0	TESLA215.1TL OPENV	EUR	11,5250	11,5250	11,5250			11,5250					
Certificate	DE000VA6EFS2	TESLA222.4TL OPENV	EUR	10,9050	10,9050	10,9050			10,9050					
Certificate	DE000CV89XC8	TESLA224.9TL OPENZ	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	DE000VA4YXR0	TESLA225.8TL OPENV	EUR	10,3100	10,4850	10,3100	309,3000	1	10,4850	30				
Certificate	DE000VA6D625	TESLA226.7TL OPENV	EUR	11,2150	11,2150	11,2150			11,2150					
Certificate	DE000VA6EFV6	TESLA229.9TL OPENV	EUR	10,2450	10,2450	10,2450			10,2450					
Certificate	DE000VA4YUF1	TESLA230.8TL OPENV	EUR	9,8750	9,8750	9,8750			9,8750					
Certificate	DE000VA4YX18	TESLA235.1TL OPENV	EUR	10,3650	10,3650	10,3650			10,3650					
Certificate	DE000CV8BKA7	TESLA235.1TL OPENZ	EUR	4,8150	4,8150	4,8150			4,8150					
Certificate	DE000VA4YUG9	TESLA235.8TL OPENV	EUR	9,3000	9,4250	9,3000	558,0000	1	9,4250	60				
Certificate	DE000VA4YXQ2	TESLA240.1TL OPENV	EUR	10,0950	10,0950	10,0950			10,0950					
Certificate	DE000VA6EFZ7	TESLA242.4TL OPENV	EUR	9,1350	9,1350	9,1350			9,1350					
Certificate	DE000CV89XB0	TESLA245.1TL OPENZ	EUR	4,2800	4,3850	4,2800	428,0000	1	4,3850	100				
Certificate	DE000VA3Z658	TESLA245.3TL OPENV	EUR	8,7150	8,7150	8,7150			8,7150					
Certificate	DE000VA71PV6	TESLA250.4TL OPENV	EUR	8,4950	8,4950	8,4950			8,4950					
Certificate	DE000VA7THQ8	TESLA251.7TL OPENV	EUR	9,2850	9,2850	9,2850			9,2850					
Certificate	DE000VA8FWX0	TESLA253.1TL OPENV	EUR	8,2750	8,2750	8,2750			8,2750					
Certificate	DE000CJ3PGV1	TESLA255.1TL OPENZ	EUR	3,9450	3,9450	3,9450			3,9450					
Certificate	DE000VA8FVV0	TESLA255.6TL OPENV	EUR	8,0450	8,0450	8,0450			8,0450					
Certificate	DE000VA8FYW8	TESLA258.1TL OPENV	EUR	7,8250	7,8250	7,8250			7,8250					
Certificate	DE000VA8FYX6	TESLA260.6TL OPENV	EUR	7,6050	7,6050	7,6050			7,6050					
Certificate	DE000VA8FXZ3	TESLA261.7TL OPENV	EUR	8,4550	8,4550	8,4550			8,4550					
Certificate	DE000VA8FYY4	TESLA263.1TL OPENV	EUR	7,3850	7,3850	7,3850			7,3850					
Certificate	DE000VA8FYZ1	TESLA265.6TL OPENV	EUR	7,1650	7,1650	7,1650			7,1650					
Certificate	DE000VA8FY08	TESLA268.1TL OPENV	EUR	6,9450	6,9450	6,9450			6,9450					
Certificate	DE000CJ3PKW1	TESLA270.1TL OPENZ	EUR	3,2950	3,2950	3,2950			3,2950					
Certificate	DE000VA8FY16	TESLA270.6TL OPENV	EUR	6,7250	6,7250	6,7250			6,7250					
Certificate	DE000VA8FX17	TESLA271.7TL OPENV	EUR	7,6150	7,6150	7,6150			7,6150					
Certificate	DE000VA8FY24	TESLA273.1TL OPENV	EUR	6,5050	6,5050	6,5050			6,5050					
Certificate	DE000VA8FY32	TESLA275.6TL OPENV	EUR	6,2850	6,2850	6,2850			6,2850					
Certificate	DE000VA8FY40	TESLA278.1TL OPENV	EUR	6,0650	6,0650	6,0650			6,0650					
Certificate	DE000VA8FY57	TESLA280.6TL OPENV	EUR	5,8450	5,8450	5,8450			5,8450					
Certificate	DE000VA8FX25	TESLA281.7TL OPENV	EUR	6,7750	6,7750	6,7750			6,7750					
Certificate	DE000VA8FY65	TESLA283.1TL OPENV	EUR	5,6250	5,6250	5,6250			5,6250					
Certificate	NL0012778336	TESLA283.4TS OPENB	EUR											
Certificate	DE000CJ3PKX9	TESLA285.1TL OPENZ	EUR	2,6450	2,6450	2,6450			2,6450					
Certificate	DE000VA8FY81	TESLA285.6TL OPENV	EUR	5,4050	5,4050	5,4050			5,4050					
Certificate	DE000VA8FY99	TESLA288.1TL OPENV	EUR	5,4900	5,4900	5,0000	2496,6400	2	5,1850	486				
Certificate	DE000VA8FZA1	TESLA290.6TL OPENV	EUR	4,9650	4,9650	4,9650			4,9650					
Certificate	DE000VA8FX41	TESLA291.7TL OPENV	EUR	5,9450	5,9450	5,9450			5,9450					
Certificate	DE000VA8FZH8	TESLA293.1TL OPENV	EUR	4,7650	4,7650	4,7650			4,7650					
Certificate	DE000VA8FZK2	TESLA295.6TL OPENV	EUR	4,5450	4,5450	4,5450			4,5450					
Certificate	DE000VA8F2M8	TESLA298.1TL OPENV	EUR	4,3250	4,3250	4,3250			4,3250					
Certificate	DE000CJ3PML0	TESLA300.1TL OPENZ	EUR	2,2000	2,2000	1,9950	4660,0000	2	1,9950	2200				
Certificate	DE000VA8F2N6	TESLA300.6TL OPENV	EUR	4,5000	4,5000	4,1050	1350,0000	1	4,1050	300				
Certificate	DE000VA8FOL4	TESLA301.7TL OPENV	EUR	5,1250	5,1250	5,1250			5,1250					
Certificate	DE000VA8F2P1	TESLA303.1TL OPENV	EUR	3,8850	3,8850	3,8850			3,8850					
Certificate	DE000VA8F2Q9	TESLA305.6TL OPENV	EUR	3,7100	4,0800	3,5850	14111,0000	6	3,6650	3750				
Certificate	DE000VA80JY4	TESLA308.3TL OPENV	EUR											
Certificate	DE000VA3TDM5	TESLA309.7TL OPENV	EUR											
Certificate	DE000VA80JZ1	TESLA310.8TL OPENV	EUR											
Certificate	DE000VA8F568	TESLA311.7TL OPENV	EUR	4,2950	4,2950	4,2950			4,2950					
Certificate	DE000VA8F0N0	TESLA311.7TL OPENV	EUR											
Certificate	DE000VA80J07	TESLA313.3TL OPENV	EUR											
Certificate	DE000VA3TDN3	TESLA314.7TL OPENV	EUR											
Certificate	DE000VA8F5C2	TESLA315.4TS OPENV	EUR											
Certificate	DE000VA80J15	TESLA315.8TL OPENV	EUR											
Certificate	DE000VA8F5D0	TESLA317.9TS OPENV	EUR											
Certificate	DE000VA80J23	TESLA318.3TL OPENV	EUR											
Certificate	DE000VA3TDP8	TESLA319.7TL OPENV	EUR											
Certificate	DE000VA8F5E8	TESLA320.4TS OPENV	EUR											
Certificate	DE000VA80J31	TESLA320.8TL OPENV	EUR											
Certificate	DE000VA8F576	TESLA321.7TL OPENV	EUR	3,4550	3,4550	3,4550			3,4550					
Certificate	DE000VA5RQU9	TESLA322.4TS 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	DE000CV8B7C8	TESLA322.5TS OPENZ	EUR											
Certificate	DE000VA8F5F5	TESLA322.9TS OPENV	EUR											
Certificate	DE000VA80J49	TESLA323.3TL OPENV	EUR											
Certificate	DE000VA3TDQ6	TESLA324.7TL OPENV	EUR											
Certificate	DE000VA80J56	TESLA325.8TL OPENV	EUR											
Certificate	DE000VA5RHW4	TESLA327.4TS OPENV	EUR											
Certificate	DE000VA3TKG2	TESLA329.7TL OPENV	EUR											
Certificate	DE000CJ3PRG9	TESLA329.9TL OPENZ	EUR											
Certificate	DE000CJ3PV13	TESLA330.1TL OPENZ	EUR	0,7350	0,7350	0,7350			0,7350					
Certificate	DE000VA87EQ6	TESLA330.8TL OPENV	EUR	1,6150	1,6150	1,6150			1,6150					
Certificate	DE000VA87D06	TESLA331.8TL OPENV	EUR	2,7050	2,7050	2,7050			2,7050					
Certificate	DE000VA5RHX2	TESLA332.4TS OPENV	EUR											
Certificate	DE000VA3TKH0	TESLA334.7TL OPENV	EUR											
Certificate	DE000VA5RHS2	TESLA337.1TS OPENV	EUR											
Certificate	DE000VA5RHY0	TESLA337.4TS OPENV	EUR											
Certificate	DE000VA3TKJ6	TESLA339.7TL OPENV	EUR											
Certificate	DE000VA80JU2	TESLA339.9TS OPENV	EUR											
Certificate	DE000VA5RG82	TESLA342.1TS OPENV	EUR											
Certificate	DE000VA80JV0	TESLA342.4TS OPENV	EUR											
Certificate	DE000VA5RGU0	TESLA342.4TS OPENV	EUR											
Certificate	DE000CV8B0V3	TESLA342.7TS OPENZ	EUR											
Certificate	NL0012998439	TESLA343.2TS OPENB	EUR											
Certificate	DE000VA80JW8	TESLA344.9TS OPENV	EUR											
Certificate	DE000VA5RGR6	TESLA347.1TS OPENV	EUR											
Certificate	DE000VA80JX6	TESLA347.4TS OPENV	EUR											
Certificate	DE000VA5RGW6	TESLA347.4TS OPENV	EUR											
Certificate	DE000VA5RGS4	TESLA352.1TS OPENV	EUR	1,2500	1,2500	1,0150	1880,0000	2	1,0150	1600				
Certificate	DE000VA5RFE6	TESLA352.4TS OPENV	EUR	2,4650	2,4650	2,4650			2,4650					
Certificate	DE000VA3TJ97	TESLA353.5TS OPENV	EUR											
Certificate	DE000VA3TKC1	TESLA353.7TS OPENV	EUR											
Certificate	DE000VA5RFD8	TESLA357.1TS OPENV	EUR	1,3600	1,6100	1,3600	297,0000	2	1,4150	200				
Certificate	DE000VA5RFF3	TESLA357.4TS OPENV	EUR	2,8450	2,8450	2,8450			2,8450					
Certificate	DE000VA3TKD9	TESLA358.7TS OPENV	EUR											
Certificate	DE000VA5RCZ8	TESLA362.1TS OPENV	EUR	1,8000	1,8000	1,7550	720,0000	1	1,7550	400				
Certificate	DE000VA5RD69	TESLA362.4TS OPENV	EUR	3,2250	3,2250	3,2250			3,2250					
Certificate	DE000CV8B7D6	TESLA362.4TS OPENZ	EUR	1,0400	1,0400	0,9350	3338,0000	3	0,9350	3240				
Certificate	NL0012990279	TESLA363.3TS OPENB	EUR	5,3600	5,3600	5,2250	2144,0000	1	5,2250	400				
Certificate	DE000VA3TKE7	TESLA363.7TS OPENV	EUR											
Certificate	DE000VA5RCC7	TESLA367.1TS OPENV	EUR	1,9500	2,0950	1,8300	274,9500	2	2,0950	145				
Certificate	DE000VA5RCF0	TESLA367.4TS OPENV	EUR	3,6550	3,6550	3,6550			3,6550					
Certificate	DE000VA5RCD5	TESLA372.1TS OPENV	EUR	2,5250	2,5250	2,5250			2,5250					
Certificate	DE000VA5EM89	TESLA372.4TS OPENV	EUR	4,1050	4,1050	4,1050			4,1050					
Certificate	NL0012988547	TESLA372.8BS OPENB	EUR	2,6800	3,1500	2,6800	2323,2800	5	2,9450	798				
Certificate	DE000VA5EM55	TESLA377.1TS OPENV	EUR	2,9550	2,9550	2,9550			2,9550					
Certificate	DE000VA5EM97	TESLA377.4TS OPENV	EUR	4,5650	4,5650	4,5650			4,5650					
Certificate	DE000VA5EM63	TESLA382.1TS OPENV	EUR	3,0000	3,3950	3,0000	45,0000	1	3,3950	15				
Certificate	DE000VA5ENA6	TESLA382.4TS OPENV	EUR	5,0250	5,0250	5,0250			5,0250					
Certificate	NL0012988760	TESLA383.3TS OPENB	EUR	6,9200	7,1750	6,9200	1038,0000	1	7,1750	150				
Certificate	DE000VA5EM71	TESLA387.1TS OPENV	EUR	3,8250	3,8250	3,8250			3,8250					
Certificate	DE000VA3PXN9	TESLA388.7TS OPENV	EUR	5,4550	5,4550	5,4550			5,4550					
Certificate	NL0012272744	TESLA392.7BS OPENB	EUR	4,8300	4,8300	4,6950	5796,0000	1	4,6950	1200				
Certificate	DE000VA3PPX4	TESLA393.7TS OPENV	EUR	5,9150	5,9150	5,9150			5,9150					
Certificate	DE000VA3PW78	TESLA393.7TS OPENV	EUR	4,2550	4,2550	4,2550			4,2550					
Certificate	DE000VA3PPXQ2	TESLA398.7TS OPENV	EUR	6,3650	6,3650	6,3650			6,3650					
Certificate	DE000VA3PW86	TESLA398.7TS OPENV	EUR	4,6950	4,6950	4,6950			4,6950					
Certificate	NL0012281497	TESLA403.4TS OPENB	EUR	8,9200	9,1450	8,8750	13380,0000	1	9,1450	1500				
Certificate	DE000VA3PPXR0	TESLA403.7TS OPENV	EUR	6,8250	6,8250	6,8250			6,8250					
Certificate	DE000VA3PW94	TESLA403.7TS OPENV	EUR	5,1250	5,1250	5,1250			5,1250					
Certificate	DE000VA3PPXA6	TESLA408.7TS OPENV	EUR	5,5650	5,5650	5,5650			5,5650					
Certificate	DE000VA3PPXS8	TESLA408.7TS OPENV	EUR	7,2850	7,2850	7,2850			7,2850					
Certificate	NL0012495162	TESLA412.5BS OPENB	EUR	6,4350	6,4350	6,4350			6,4350					
Certificate	DE000VA3PXT6	TESLA413.7TS OPENV	EUR	7,7350	7,7350	7,7350			7,7350					
Certificate	DE000VA3PPXB4	TESLA413.7TS OPENV	EUR	5,9950	5,9950	5,9950			5,9950					
Certificate	DE000VA3TE27	TESLA418.7TS OPENV	EUR	8,1950	8,1950	8,1950			8,1950					
Certificate	DE000VA3PPXC2	TESLA418.7TS OPENV	EUR	6,0400	6,4350	6,0400	543,6000	1	6,4350	90				
Certificate	DE000CE6DLA9	TESLA422.3TS OPENZ	EUR	6,9900	6,9900	6,9900			6,9900					
Certificate	NL0012272678	TESLA423.1TS OPENB	EUR	11,0650	11,0650	11,0650			11,0650					
Certificate	DE000VA3PPXD0	TESLA423.7TS OPENV	EUR	6,8650	6,8650	6,8650			6,8650					
Certificate	DE000VA3TE35	TESLA423.7TS OPENV	EUR	8,6550	8,6550	8,6550			8,6550					
Certificate	NL0012988232	TESLA425.8TS OPENB	EUR	11,3250	11,3250	11,3250			11,3250					
Certificate	DE000VA5EMC4	TESLA427.7TS OPENV	EUR	9,1850	9,1850	9,1850			9,1850					
Certificate	DE000VA3PXE8	TESLA428.7TS OPENV	EUR	7,3050	7,3050	7,3050			7,3050					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000VA5EMD2	TESLA432.7TS OPENV	EUR	9,6450	9,6450	9,6450			9,6450					
Certificate	DE000VA5EME0	TESLA437.7TS OPENV	EUR	10,1050	10,1050	10,1050			10,1050					
Certificate	NL0012272751	TESLA441.885 OPENB	EUR	9,0300	9,0300	9,0050	812,7000	1	9,0050	90				
Certificate	NL0012988240	TESLA445.6TS OPENB	EUR	13,2650	13,2650	13,2650			13,2650					
Certificate	DE000CE6ETU8	TESLA461.3TS OPENZ	EUR	10,4300	10,4300	10,4300			10,4300					
Certificate	DE000CE6FQC9	TEVA 13.2TL OPENZ	EUR	8,3900	8,3900	8,3900			8,3900					
Certificate	DE000CE6FKJ7	TEVA 10.04TL OPENZ	EUR	11,1650	11,1650	11,1650			11,1650					
Certificate	DE000CV4Z0U1	TEVA 14.74TL OPENZ	EUR	7,0300	7,0300	7,0300			7,0300					
Certificate	DE000CV4Z423	TEVA 16.26TL OPENZ	EUR	5,7150	5,7150	5,7150			5,7150					
Certificate	DE000CV88Q50	TEVA 18.27TL OPENZ	EUR	3,9650	3,9650	3,9650			3,9650					
Certificate	NL0011997804	THYSS 21.5TL OPENH	EUR											
Certificate	DE000CJ3NQ87	THYSS13.36TL OPENZ	EUR	5,7900	5,7900	5,7900			5,7900					
Certificate	NL0011722178	THYSS14.25TL OPENH	EUR	5,9900	5,9900	5,8400			5,8400					
Certificate	NL0011722160	THYSS16.33TL OPENH	EUR	4,0500	4,0500	3,9000			3,9000					
Certificate	DE000CN6KAR0	THYSS16.37TL OPENZ	EUR	2,7050	2,8100	2,7050			2,8100					
Certificate	NL0011892377	THYSS16.84TL OPENH	EUR	3,5700	3,6200	3,4300	724,0000	1	3,4300	200				
Certificate	NL0013127616	THYSS17.55TL OPENH	EUR	2,9100	2,9100	2,7600			2,7600					
Certificate	NL0013125768	THYSS19.03TS OPENH	EUR											
Certificate	NL0012907216	THYSS21.49TS OPENH	EUR	3,8300	4,0000	3,8300			4,0000					
Certificate	NL0012905889	THYSS21.98TS OPENH	EUR	4,3500	4,5300	4,3500			4,5300					
Certificate	NL0012933881	THYSS23.43TS OPENH	EUR	5,9100	6,0800	5,9100			6,0800					
Certificate	NL0012912125	THYSS23.99TS OPENH	EUR	6,5100	6,6900	6,5100			6,6900					
Certificate	NL0012847248	THYSS24.38TS OPENH	EUR	6,9300	7,1100	6,9300			7,1100					
Certificate	NL0012565642	THYSS24.67TS OPENH	EUR	7,2400	7,4200	7,2400			7,4200					
Certificate	NL0012561997	THYSS25.59TS OPENH	EUR	8,2400	8,4100	8,2400			8,4100					
Certificate	NL0012606768	THYSS26.68TS OPENH	EUR	9,4100	9,5900	9,4100			9,5900					
Certificate	NL0012849467	THYSS26.85TS OPENH	EUR	9,5900	9,7700	9,5900			9,7700					
Certificate	NL0012365878	THYSS26.96TS OPENH	EUR	9,7000	9,8800	9,7000			9,8800					
Certificate	NL0012330575	THYSS27.92TS OPENH	EUR	10,7400	10,9200	10,7400			10,9200					
Certificate	NL0012050520	THYSS28.37TS OPENH	EUR	11,2200	11,4000	11,2200			11,4000					
Certificate	NL0011054325	THYSS29.55TS OPENH	EUR	12,4900	12,6700	12,4900			12,6700					
Certificate	NL0012365860	THYSS32.76TS OPENH	EUR	15,9500	16,1200	15,9500			16,1200					
Certificate	DE000CN6HMH2	TKHGR 24.TL OPENZ	EUR	2,4550	2,4550	2,4550			2,4550					
Certificate	DE000CE6CK43	TKHGR 40.TL OPENZ	EUR	0,6800	0,8550	0,6800	204,0000	1	0,8550	300				
Certificate	NL0012121958	TKHGR 38.18L OPENB	EUR	8,9650	10,7050	8,9650	305,0000	2	10,7050	29				
Certificate	DE000CN6JP75	TKHGR22.36TL OPENZ	EUR	2,6150	2,6150	2,6150			2,6150					
Certificate	DE000CR9RGW2	TKHGR27.89TL OPENZ	EUR	2,0650	2,0650	2,0650			2,0650					
Certificate	DE000CN6JRG9	TKHGR29.44TL OPENZ	EUR	1,9300	1,9300	1,9050	194,9300	1	1,9050	101				
Certificate	DE000CD625M3	TKHGR31.01TL OPENZ	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	NL0012121925	TKHGR31.85BL OPENB	EUR	15,2150	16,9550	15,2150			16,9550					
Certificate	DE000CD62DJ0	TKHGR32.54TL OPENZ	EUR	1,5950	1,5950	1,5950			1,5950					
Certificate	DE000CD63U52	TKHGR34.04TL OPENZ	EUR	1,4450	1,4450	1,4450			1,4450					
Certificate	DE000CD642Y3	TKHGR36.03TL OPENZ	EUR	1,2100	1,2450	1,2100	1210,0000	1	1,2450	1000				
Certificate	DE000CE6B101	TKHGR38.01TL OPENZ	EUR	0,9200	1,1200	0,9200	7970,5000	9	1,0550	7850				
Certificate	NL0012261630	TKHGR40.18BL OPENB	EUR	6,8850	8,6250	6,8850	147,6000	1	8,6250	20				
Certificate	DE000CJ3PQ44	TKHGR41.99TL OPENZ	EUR	0,5500	0,6550	0,5500	185,0000	2	0,6550	300				
Certificate	DE000CJ3N5G9	TKHGR49.25TS OPENZ	EUR	0,2800	0,2800	0,1350	178,5000	2	0,1350	700				
Certificate	DE000CV8B0D1	TKHGR53.73TS OPENZ	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	DE000CV89RP2	TKHGR57.71TS OPENZ	EUR	0,9650	0,9650	0,9650			0,9650					
Certificate	DE000CE6EYP8	TKHGR61.68TS OPENZ	EUR	1,3650	1,3650	1,3650			1,3650					
Certificate	DE000CV88LL6	TKHGR65.67TS OPENZ	EUR	1,7550	1,7550	1,7550			1,7550					
Certificate	NL0012502488	TKWY 40TL OPENB	EUR	16,8700	16,8700	16,3700			16,3700					
Certificate	NL0012780357	TKWY 42TL OPENB	EUR	14,9900	14,9900	14,4900			14,4900					
Certificate	NL0012781231	TKWY 44TL OPENB	EUR	13,1200	13,1200	12,4700	623,5000	1	12,6200	50				
Certificate	NL0012020390	TKWY 21.2TL OPENB	EUR	34,3200	34,3200	33,8200			33,8200					
Certificate	NL0012035307	TKWY 23.4TL OPENB	EUR	32,3500	32,3500	31,8500			31,8500					
Certificate	NL0012104764	TKWY 26.5TL OPENB	EUR	29,4300	29,4300	28,9300			28,9300					
Certificate	NL0012105555	TKWY 28.5TL OPENB	EUR	27,5200	27,5200	27,0200			27,0200					
Certificate	NL0012264360	TKWY 29.6TL OPENB	EUR	26,5000	26,5000	26,0000			26,0000					
Certificate	NL0012269856	TKWY 35.8TL OPENB	EUR	20,7300	20,7300	20,2300			20,2300					
Certificate	NL0012500235	TKWY 37.9TL OPENB	EUR	18,8400	18,8400	18,3400			18,3400					
Certificate	NL0012784193	TKWY 46.1TL OPENB	EUR	11,1700	11,1700	10,5200	10520,0000	5	10,6700	1000				
Certificate	NL0012794622	TKWY 48.1TL OPENB	EUR	9,2800	9,2800	8,7800			8,7800					
Certificate	NL0013010937	TKWY 50.1TL OPENB	EUR											
Certificate	NL0013145410	TKWY 51.9TS OPENB	EUR											
Certificate	NL0013016124	TKWY 54.9TS OPENB	EUR	5,2700	5,7700	5,2700			5,7700					
Certificate	NL0013003015	TKWY 57.9TS OPENB	EUR	8,5200	9,0200	8,5200			9,0200					
Certificate	NL0013003023	TKWY 60.9TS OPENB	EUR	11,7500	12,2500	11,7500			12,2500					
Certificate	NL0012999684	TKWY 63.8TS OPENB	EUR	14,9300	15,4300	14,9300			15,4300					
Certificate	NL0012998413	TKWY 66.8TS OPENB	EUR	18,1600	18,6600	18,1600			18,6600					
Certificate	NL0012992663	TKWY 69.7TS OPENB	EUR	21,3000	21,8000	21,3000			21,8000					
Certificate	DE000CE6D9U2	TKWY 33.57TL OPENZ	EUR	4,4950	4,4950	4,4950			4,4950					



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	DE000CF6DEW8	TKWY 36.83TL OPENZ	EUR	3,8950	3,8950	3,8950			3,8950					
Certificate	DE000CV888U8	TKWY 42.21TL OPENZ	EUR	3,0400	3,0400	2,8950	608,0000	1	2,8950	200				
Certificate	DE000CV894C4	TKWY 47.58TL OPENZ	EUR	1,9050	1,9050	1,9050			1,9050					
Certificate	DE000CJ3NYA3	TLITAO.351TL OPENZ	EUR	0,1950	0,1950	0,1950			0,1950					
Certificate	DE000CV8A559	TLITAO.405TL OPENZ	EUR	0,1400	0,1450	0,1400	2483,6000	1	0,1450	17740				
Certificate	DE000CJ3NZU8	TLITAO.461TL OPENZ	EUR	0,0880	0,0880	0,0880			0,0880					
Certificate	DE000CJ3PKY7	TLRY 105.3TL OPENZ	EUR											
Certificate	DE000CV8AX00	TLRY 19.94TL OPENZ	EUR	13,4800	13,4800	13,4800			13,4800					
Certificate	DE000CV8B110	TLRY 29.89TL OPENZ	EUR	12,2400	12,2400	11,8700	612,0000	1	11,8700	50				
Certificate	DE000CV8B1Y5	TLRY 35.39TL OPENZ	EUR	10,9800	10,9800	10,9800			10,9800					
Certificate	DE000CV8B451	TLRY 40.89TL OPENZ	EUR	10,1000	10,1000	10,1000			10,1000					
Certificate	DE000CV8B4T9	TLRY 46.39TL OPENZ	EUR	9,5900	9,5900	9,2100	632,9400	1	9,2100	66				
Certificate	DE000CV8B7W6	TLRY 57.39TL OPENZ	EUR	7,4400	7,4400	7,4400			7,4400					
Certificate	DE000CV8B9H3	TLRY 68.38TL OPENZ	EUR	5,6600	5,6600	5,6600			5,6600					
Certificate	DE000CV8BCY7	TLRY 79.33TL OPENZ	EUR	4,3000	4,7000	3,8200	2655,4000	8	3,9050	610				
Certificate	DE000CJ3PWG9	TLRY 89.69TL OPENZ	EUR	3,2000	3,2000	2,2350	603,0000	2	2,2350	200				
Certificate	DE000CV8BEK2	TLRY 90.26TL OPENZ	EUR											
Certificate	NL0011409149	TLSNS 43.5TS OPENH	EUR											
Certificate	NL0012605430	TLSNS 52.8TS OPENH	EUR											
Certificate	NL0012313290	TLSNS14.44TL OPENH	EUR											
Certificate	NL0012244297	TLSNS24.67TL OPENH	EUR											
Certificate	NL0011715248	TLSNS25.79TL OPENH	EUR											
Certificate	NL0011990460	TLSNS26.72TL OPENH	EUR											
Certificate	NL0011409248	TLSNS30.82TL OPENH	EUR											
Certificate	NL0012579510	TLSNS33.86TL OPENH	EUR											
Certificate	NL0012583678	TLSNS35.86TL OPENH	EUR											
Certificate	NL0013085434	TLSNS37.86TL OPENH	EUR											
Certificate	NL0013128531	TLSNS39.85TL OPENH	EUR											
Certificate	NL0012895189	TLSNS40.84TL OPENH	EUR											
Certificate	NL0011409131	TLSNS46.27TS OPENH	EUR											
Certificate	NL0012605448	TLSNS50.83TS OPENH	EUR											
Certificate	NL0012906713	TLSNS59.72TS OPENH	EUR											
Certificate	NL0012796783	TN10 LEVOPENZ	EUR	42,8800	42,8800	42,2700			42,2700					
Certificate	NL0012796791	TN10 SHROPENZ	EUR	44,7100	45,6200	44,7100			45,6200					
Certificate	NL0012536817	TN10 109TL OPENH	EUR	9,9300	9,9300	9,9300			9,9300					
Certificate	NL0012313480	TN10 110.TL OPENH	EUR	9,0800	9,0800	9,0800			9,0800					
Certificate	NL0012372908	TN10 111.TL OPENH	EUR	8,1800	8,1800	8,1800			8,1800					
Certificate	NL0012579585	TN10 121.TS OPENH	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	NL0012313464	TN10 125.TS OPENH	EUR	8,2600	8,2600	8,2600			8,2600					
Certificate	DE000CR6YN46	TN10 126.TS OPENZ	EUR	6,7200	6,9300	6,7200			6,9300					
Certificate	NL0012538169	TN10 140.TS OPENH	EUR	21,7500	21,7500	21,7500			21,7500					
Certificate	NL0012437768	TN10 141.TS OPENH	EUR	22,6700	22,6700	22,6700			22,6700					
Certificate	DE000CF6CE25	TN10 142.TS OPENZ	EUR	20,7000	20,9500	20,7000			20,9500					
Certificate	NL0012372767	TN10 164.TS OPENH	EUR	43,2800	43,2800	43,2800			43,2800					
Certificate	NL0012372916	TN10 100.8TL OPENH	EUR	17,0200	17,0200	17,0200			17,0200					
Certificate	DE000CM73MG5	TN10 103.3TL OPENZ	EUR	13,2200	13,2200	13,0900			13,0900					
Certificate	NL0012579601	TN10 104.3TL OPENH	EUR	14,0100	14,0100	14,0100			14,0100					
Certificate	NL0012565766	TN10 106.4TL OPENH	EUR	12,2200	12,2200	12,2200			12,2200					
Certificate	NL0012529390	TN10 107.8TL OPENH	EUR	10,9600	10,9600	10,9600			10,9600					
Certificate	DE000CM73MH3	TN10 109.1TL OPENZ	EUR	8,1100	8,1100	7,9600			7,9600					
Certificate	NL0012372890	TN10 112.1TL OPENH	EUR	7,3000	7,3000	7,3000			7,3000					
Certificate	NL0012372882	TN10 113.1TL OPENH	EUR	6,4100	6,4100	6,4100			6,4100					
Certificate	DE000CR4J7F5	TN10 113.2TL OPENZ	EUR	4,5200	4,5200	4,3600			4,3600					
Certificate	NL0012372874	TN10 114.1TL OPENH	EUR	5,5300	5,5300	5,5300			5,5300					
Certificate	NL0012372866	TN10 115.1TL OPENH	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	NL0012372858	TN10 116.2TL OPENH	EUR	3,7700	3,7700	3,7700			3,7700					
Certificate	DE000CJ3N2D3	TN10 116.2TL OPENZ	EUR	1,8950	1,9400	1,7200	11640,0000	4	1,7200	6000				
Certificate	NL0012372841	TN10 117.2TL OPENH	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	NL0012310452	TN10 118.3TL OPENH	EUR											
Certificate	DE000CJ3NNC2	TN10 120.4TS OPENZ	EUR	1,7800	1,9900	1,7800	42900,0000	6	1,9850	22000				
Certificate	NL0012551097	TN10 122.9TS OPENH	EUR	6,4000	6,4000	6,4000			6,4000					
Certificate	DE000CF6EUN1	TN10 123.3TS OPENZ	EUR	4,4000	4,5900	4,4000			4,5900					
Certificate	NL0012307714	TN10 123.8TS OPENH	EUR	7,1900	7,1900	7,1900			7,1900					
Certificate	NL0011996798	TN10 123.9TS OPENH	EUR	8,4900	8,4900	8,4900			8,4900					
Certificate	NL0012313456	TN10 125.9TS OPENH	EUR	9,1200	9,1200	9,1200			9,1200					
Certificate	NL0012310437	TN10 126.2TS OPENH	EUR	9,4200	9,4200	9,4200			9,4200					
Certificate	NL0011996822	TN10 126.8TS OPENH	EUR	11,1000	11,1000	11,1000			11,1000					
Certificate	NL0012310429	TN10 127.2TS OPENH	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	NL0012313449	TN10 127.8TS OPENH	EUR	10,8500	10,8500	10,8500			10,8500					
Certificate	NL0012310411	TN10 128.2TS OPENH	EUR	11,1700	11,1700	11,1700			11,1700					
Certificate	DE000CV4ZV56	TN10 128.2TS OPENZ	EUR	8,6300	8,8400	8,6300			8,8400					
Certificate	NL0012313431	TN10 128.8TS OPENH	EUR	11,7100	11,7100	11,7100			11,7100					



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	NL0012313423	TN10 129.8TS OPENH	EUR	12,5700	12,5700	12,5700			12,5700					
Certificate	NL0012313415	TN10 130.7TS OPENH	EUR	13,4400	13,4400	13,4400			13,4400					
Certificate	DE000CR9Q773	TN10 130.8TS OPENZ	EUR	10,9300	11,1500	10,9300								
Certificate	NL0012313407	TN10 131.7TS OPENH	EUR	14,3000	14,3000	14,3000								
Certificate	NL0012313399	TN10 132.7TS OPENH	EUR	15,1600	15,1600	15,1600								
Certificate	DE000CN6K4X9	TN10 133.5TS OPENZ	EUR	13,2800	13,5100	13,2800								
Certificate	NL0012313381	TN10 133.6TS OPENH	EUR	16,0300	16,0300	16,0300								
Certificate	NL0012313373	TN10 134.6TS OPENH	EUR	16,8900	16,8900	16,8900								
Certificate	NL0012313365	TN10 135.5TS OPENH	EUR	17,7400	17,7400	17,7400								
Certificate	DE000CD61AF6	TN10 136.2TS OPENZ	EUR	15,6800	15,9100	15,6800								
Certificate	NL0012313357	TN10 136.5TS OPENH	EUR	18,6100	18,6100	18,6100								
Certificate	NL0012372825	TN10 137.7TS OPENH	EUR	19,6800	19,6800	19,6800								
Certificate	NL0012372817	TN10 138.7TS OPENH	EUR	20,5600	20,5600	20,5600								
Certificate	DE000CE6C667	TN10 139.1TS OPENZ	EUR	18,2000	18,4400	18,2000								
Certificate	NL0012372809	TN10 144.5TS OPENH	EUR	25,8000	25,8000	25,8000								
Certificate	DE000CE6EUP6	TN10 144.9TS OPENZ	EUR	23,2400	23,4900	23,2400								
Certificate	NL0012372791	TN10 149.4TS OPENH	EUR	30,1700	30,1700	30,1700								
Certificate	NL0012372783	TN10 154.3TS OPENH	EUR	34,5400	34,5400	34,5400								
Certificate	NL0012372775	TN10 159.1TS OPENH	EUR	38,9100	38,9100	38,9100								
Certificate	NL0012372759	TN10 173.8TS OPENH	EUR	52,0200	52,0200	52,0200								
Certificate	NL0012432777	TN10 183.7TS OPENH	EUR	60,8900	60,8900	60,8900								
Certificate	NL0012899504	TN10 70.54TL OPENH	EUR	43,0600	43,0600	43,0600								
Certificate	NL0012372940	TN10 80.26TL OPENH	EUR	34,6900	34,6900	34,6900								
Certificate	NL0012615694	TN10 85.81TL OPENH	EUR	29,9100	29,9100	29,9100								
Certificate	NL0012372932	TN10 90.52TL OPENH	EUR	25,8500	25,8500	25,8500								
Certificate	NL0012372924	TN10 95.64TL OPENH	EUR	21,4400	21,4400	21,4400								
Certificate	DE000CM73MF7	TN10 97.43TL OPENZ	EUR	18,3300	18,3300	18,2200								
Certificate	DE000CJ3N591	TNCT 168.5TL OPENZ	EUR	1,7500	1,7500	1,5650	30250,0000	4	1,5650	17500				
Certificate	DE000CV8BDK4	TNCT 188.5TL OPENZ	EUR	1,3650	1,3650	1,3650								
Certificate	DE000CV8ALP8	TNCT 210.8TL OPENZ	EUR	1,1350	1,1350	1,1350								
Certificate	DE000CV89PB6	TNCT 233.4TL OPENZ	EUR	1,0400	1,0400	0,9050	2080,0000	1	0,9050	2000				
Certificate	DE000CJ3PUC2	TNCT 253.4TL OPENZ	EUR	0,6950	0,6950	0,6950								
Certificate	DE000CV8ALQ6	TNCT 255.1TL OPENZ	EUR											
Certificate	DE000CJ3PGM0	TNCT 275.1TL OPENZ	EUR											
Certificate	DE000CE6BQS4	TOMTO LEVOPENZ	EUR	0,2880	0,3440	0,2880	1253,6200	5	0,3260	3732				
Certificate	DE000CE6BQH7	TOMTO SHROPENZ	EUR	0,1480	0,1480	0,1140	1117,0000	3	0,1220	9500				
Certificate	DE000CX59KZ5	TOMTO 7TL OPENC	EUR											
Certificate	DE000CJ3NLN3	TOMTO 8TS 1218Z	EUR											
Certificate	NL0012795405	TOMTO 9B0C1218Z	EUR	7,5400	7,5400	7,5400				7,5400				
Certificate	DE000CJ3NUT1	TOMTO 9TS 1218Z	EUR	1,1950	1,1950	1,1950				1,1950				
Certificate	NL0012793087	TOMTO 10B0C1218B	EUR	7,4500	7,7500	7,4500				7,7500				
Certificate	DE000CV8AE52	TOMTO 10TS 1218Z	EUR	2,1850	2,1850	2,1850				2,1850				
Certificate	NL0012494652	TOMTO 11B0C1218B	EUR	7,5100	7,8300	7,5100				7,8300				
Certificate	DE000CV8ABU9	TOMTO 11TS 1218Z	EUR	3,1750	3,1750	3,1750				3,1750				
Certificate	NL0009966746	TOMTO 2.7TL OPENB	EUR	5,6450	5,6450	5,6450				5,6450				
Certificate	NL0010012274	TOMTO 3.1TL OPENB	EUR	5,3150	5,3150	5,3150				5,3150				
Certificate	NL0010378576	TOMTO 3.4TL OPENB	EUR	5,0650	5,0650	5,0650				5,0650				
Certificate	NL0012313324	TOMTO 3.7TL OPENH	EUR	4,4200	4,6900	4,4200				4,6900				
Certificate	NL0010441796	TOMTO 4.2TL OPENB	EUR	3,9850	4,3050	3,9850				4,3050				
Certificate	NL0010652277	TOMTO 4.7TL OPENB	EUR	3,9050	3,9050	3,9050				3,9050				
Certificate	NL0010887923	TOMTO 4.9TL OPENB	EUR	3,2350	3,5550	3,2350	3689,0000	2	3,5550	1100				
Certificate	NL0010656575	TOMTO 5.2TL OPENB	EUR	3,4850	3,4850	3,4850				3,4850				
Certificate	DE000CC608R9	TOMTO 5.2TL OPENC	EUR	2,7400	2,7400	2,7400				2,7400				
Certificate	NL0010875381	TOMTO 5.3TL OPENB	EUR	2,9050	3,3000	2,9050	1650,0000	1	3,2250	500				
Certificate	NL0010913729	TOMTO 5.6TL OPENB	EUR	2,5850	3,0400	2,5850	18831,3000	6	2,9050	6305				
Certificate	NL0011039904	TOMTO 5.6TL OPENH	EUR	2,7700	3,0400	2,7700				3,0400				
Certificate	NL0012901680	TOMTO 5.8TL OPENH	EUR	2,6000	2,8700	2,6000				2,8700				
Certificate	NL0013012891	TOMTO 5.9TL OPENB	EUR	2,2650	2,6400	2,2650	39348,0000	6	2,5850	15600				
Certificate	NL0013018732	TOMTO 6.2TL OPENB	EUR	1,9950	2,3150	1,9950				2,3150				
Certificate	NL0013019169	TOMTO 6.5TL OPENB	EUR	1,7250	2,1600	1,7250	1442,0000	3	2,0450	700				
Certificate	NL0013019177	TOMTO 6.8TL OPENB	EUR	1,4450	1,7650	1,4450				1,7650				
Certificate	NL0013015761	TOMTO 6.8TS OPENB	EUR											
Certificate	NL0013110315	TOMTO 7.2B0C0619Z	EUR	6,8900	6,8900	6,8900				6,8900				
Certificate	NL0013013006	TOMTO 7.3TS OPENB	EUR											
Certificate	NL0013006026	TOMTO 7.8TS OPENB	EUR	1,1450	1,1450	0,9800	980,0000	1	0,9800	1000				
Certificate	NL0012999700	TOMTO 8.3TS OPENB	EUR	1,6950	1,6950	1,3550	408,0000	1	1,3650	300				
Certificate	NL0012796510	TOMTO 8.7B0C0919Z	EUR	7,7300	7,7300	7,7300				7,7300				
Certificate	NL0012795413	TOMTO 8.9B0C0319Z	EUR	8,0050	8,0050	8,0050				8,0050				
Certificate	NL0012509780	TOMTO 9.4TS OPENB	EUR	2,9050	2,9050	2,5750				2,5750				
Certificate	NL0012796528	TOMTO 9.7B0C1219Z	EUR	7,9200	7,9200	7,9200				7,9200				
Certificate	NL0012789986	TOMTO 9.9TS OPENB	EUR	3,3750	3,3750	3,0450				3,0450				
Certificate	NL0011235262	TOMTO 12.9TS OPENH	EUR	7,5600	7,5600	7,2800				7,2800				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012313340	TOMTO 2.47TL OPENH	EUR	5,4900	5,7600	5,4900			5,7600					
Certificate	NL0012313332	TOMTO 3.08TL OPENH	EUR	4,9600	5,2300	4,9600			5,2300					
Certificate	NL0010154977	TOMTO 3.49TL OPENA	EUR											
Certificate	NL0011039920	TOMTO 4.53TL OPENH	EUR	3,7000	3,9700	3,7000			3,9700					
Certificate	NL0011903612	TOMTO 4.64BL OPENB	EUR	3,2550	3,5750	3,2550			3,5750					
Certificate	DE000CJ3NM81	TOMTO 4.93TL OPENZ	EUR	3,3450	3,3450	3,3450			3,3450					
Certificate	DE000CJ3NLL7	TOMTO 5.05TL 1218Z	EUR	2,9050	2,9050	2,9050			2,9050					
Certificate	LU1817373522	TOMTO 5.08TCIOPENS	EUR	3,0600	3,0600	3,0600			3,0600					
Certificate	NL0011039912	TOMTO 5.17TL OPENH	EUR	3,1400	3,4100	3,1400			3,4100					
Certificate	NL0011040597	TOMTO 5.39TL OPENH	EUR	2,9600	3,2300	2,9600	16312,5000	4	3,2300	5250				
Certificate	DE000CV89UR2	TOMTO 5.47TL OPENZ	EUR	2,8550	2,8550	2,8550			2,8550					
Certificate	DE000CJ3NLM5	TOMTO 5.55TL 1218Z	EUR	2,5600	2,5600	2,4150	6400,0000	2	2,4150	2500				
Certificate	LU1817373795	TOMTO 5.71TCIOPENS	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	DE000CJ3PDH7	TOMTO 5.92TL OPENZ	EUR	2,4250	2,4250	2,4250			2,4250					
Certificate	DE000CJ3PCL1	TOMTO 5.95TL 1218Z	EUR	2,0900	2,0900	2,0150	620,7300	1	2,0150	297				
Certificate	NL0013125776	TOMTO 6.09TL OPENH	EUR	2,3500	2,6200	2,3500			2,6200					
Certificate	NL0013126550	TOMTO 6.29TL OPENH	EUR	2,1800	2,4400	2,1800			2,4400					
Certificate	DE000CJ3PR68	TOMTO 6.47TL OPENZ	EUR	1,9150	1,9150	1,9150			1,9150					
Certificate	NL0013126808	TOMTO 6.59TL OPENH	EUR	1,9100	2,1800	1,9100			2,1800					
Certificate	LU1859904945	TOMTO 6.88TCIOPENS	EUR	1,2700	1,2700	1,2700			1,2700					
Certificate	NL0013126790	TOMTO 6.89TL OPENH	EUR	1,6600	2,0300	1,6600	812,0000	1	1,9200	400				
Certificate	DE000CJ3PS91	TOMTO 6.97TL OPENZ	EUR											
Certificate	DE000CJ3PUP4	TOMTO 6.97TL OPENZ	EUR											
Certificate	NL0013085194	TOMTO 6.98TS OPENH	EUR											
Certificate	DE000CJ3PR76	TOMTO 7.02TL OPENZ	EUR											
Certificate	DE000CJ3PU97	TOMTO 7.16TL OPENZ	EUR											
Certificate	DE000CJ3PTK7	TOMTO 7.16TL OPENZ	EUR											
Certificate	DE000CJ3PWE4	TOMTO 7.16TL OPENZ	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	DE000CJ3PVX6	TOMTO 7.16TL OPENZ	EUR	0,6000	0,9300	0,6000	2590,6300	7	0,8250	3237				
Certificate	DE000CJ3PQ77	TOMTO 7.16TL OPENZ	EUR											
Certificate	LU1859914159	TOMTO 7.17TCIOPENS	EUR	1,1300	1,1300	0,9900	997,0000	2	0,9900	900				
Certificate	NL0013129786	TOMTO 7.18TL OPENH	EUR	1,3900	1,6600	1,3900			1,6600					
Certificate	NL0013110323	TOMTO 7.35BOCO919Z	EUR	6,9300	6,9300	6,9300			6,9300					
Certificate	NL0013126782	TOMTO 7.38TS OPENH	EUR											
Certificate	DE000CJ3PB90	TOMTO 7.62TS OPENZ	EUR											
Certificate	NL0011995857	TOMTO 7.64TL OPENH	EUR											
Certificate	NL0013110331	TOMTO 7.65BOC1219Z	EUR	7,1300	7,1300	7,1300			7,1300					
Certificate	NL0012907224	TOMTO 7.96TS OPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0013003288	TOMTO 8.35BOCO719B	EUR	7,2100	7,4400	7,2100			7,4400					
Certificate	DE000CJ3NV79	TOMTO 8.52TS OPENZ	EUR	1,3850	1,3850	1,3850			1,3850					
Certificate	NL0012900047	TOMTO 8.58TS OPENH	EUR	2,4800	2,4800	2,2000			2,2000					
Certificate	NL0013003296	TOMTO 8.65BOCO919B	EUR	7,3200	7,5400	7,3200			7,5400					
Certificate	NL0012888788	TOMTO 8.95TS OPENH	EUR	2,9200	2,9200	2,6400			2,6400					
Certificate	NL0012549554	TOMTO 9.16TS OPENH	EUR	3,1700	3,1700	2,8900			2,8900					
Certificate	NL0012539357	TOMTO 9.33TS OPENH	EUR	3,3600	3,3600	3,0900			3,0900					
Certificate	DE000CE6FK40	TOMTO 9.33TS OPENZ	EUR	2,2550	2,2550	2,2550			2,2550					
Certificate	NL0012544712	TOMTO 9.54TS OPENH	EUR	3,6100	3,6100	3,3300			3,3300					
Certificate	NL0012936306	TOMTO 9.74TS OPENH	EUR	3,8500	3,8500	3,5700			3,5700					
Certificate	NL0012539340	TOMTO 9.82TS OPENH	EUR	3,9400	3,9400	3,6600			3,6600					
Certificate	NL0011593413	TOMTO10.18TS OPENH	EUR	4,3700	4,3700	4,0900			4,0900					
Certificate	NL0011535257	TOMTO10.36BS OPENB	EUR	3,0150	3,0150	2,6850			2,6850					
Certificate	NL0011742853	TOMTO10.73TS OPENH	EUR	5,0200	5,0200	4,7400			4,7400					
Certificate	NL0011732458	TOMTO11.26TS OPENH	EUR	5,6400	5,6400	5,3600			5,3600					
Certificate	NL0011586664	TOMTO11.54TS OPENH	EUR	5,9700	5,9700	5,6900			5,6900					
Certificate	NL0012313308	TOMTO12.18TS OPENH	EUR	6,7200	6,7200	6,4400			6,4400					
Certificate	NL0012365506	TOMTO12.79TS OPENH	EUR	7,4400	7,4400	7,1600			7,1600					
Certificate	NL0012546543	TOMTO13.46TS OPENH	EUR	8,2300	8,2300	7,9500			7,9500					
Certificate	NL0012369896	TOMTO14.55TS OPENH	EUR	9,5100	9,5100	9,2300			9,2300					
Certificate	DE000CJ3NML5	TOMTO3.661TL OPENZ	EUR	4,2750	4,2750	4,2750			4,2750					
Certificate	NL0012998866	TOMTO4.138BL OPENB	EUR	3,7550	4,0750	3,7550			4,0750					
Certificate	DE000CV89VN9	TOMTO4.165TL OPENZ	EUR	3,7750	3,7750	3,7750			3,7750					
Certificate	DE000CV89RQ0	TOMTO4.673TL OPENZ	EUR	3,2750	3,2750	3,2750			3,2750					
Certificate	DE000CJ3NMM3	TOMTO4.984TL OPENZ	EUR	2,9550	2,9550	2,9550			2,9550					
Certificate	DE000CF80TP0	TOMTO5.034TL OPENC	EUR	2,9000	2,9000	2,9000			2,9000					
Certificate	NL0011900162	TOMTO5.171BL OPENB	EUR	2,7250	3,1600	2,7250	58884,6400	10	3,0450	20883				
Certificate	DE000CZ7DOP5	TOMTO5.184TL OPENZ	EUR	2,8900	2,8900	2,7650	1445,0000	1	2,7650	500				
Certificate	DE000CB1MST9	TOMTO5.404TL OPENZ	EUR	2,4000	2,5450	2,4000	240,0000	1	2,5450	100				
Certificate	DE000CB1MWK0	TOMTO5.614TL OPENZ	EUR	2,4100	2,5000	2,3250	5410,0000	2	2,3250	2200				
Certificate	NL0011644935	TOMTO5.702BL OPENB	EUR	2,1950	2,6200	2,1950	17456,0000	7	2,5150	7175				
Certificate	DE000CJ3NMN1	TOMTO5.814TL OPENZ	EUR	2,1400	2,2500	2,1350	6640,0000	3	2,1350	3000				
Certificate	DE000CJ3PC81	TOMTO6.116TL OPENZ	EUR	1,6100	1,9000	1,6100	2877,6600	3	1,8450	1606				
Certificate	NL0013018435	TOMTO6.203BL OPENB	EUR	1,6950	2,0150	1,6950			2,0150					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CJ3PO51	TOMTO6.461TL OPENZ	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	NL0013018815	TOMTO6.7028L OPENB	EUR	1,1950	1,5150	1,1950	6550,0000	1	1,5150	5000				
Certificate	DE000CJ3PQ69	TOMTO6.8111TL OPENZ	EUR	0,9100	1,3400	0,9100	8253,6000	18	1,1550	7090				
Certificate	DE000CJ3PA83	TOMTO6.982TS OPENZ	EUR											
Certificate	NL0013013410	TOMTO7.2188S OPENB	EUR											
Certificate	NL0013146640	TOMTO7.7148S OPENB	EUR	0,3650	0,3650	0,3650			0,3650					
Certificate	DE000CJ3NUM6	TOMTO8.075TS OPENZ	EUR											
Certificate	NL0012999080	TOMTO8.2148S OPENB	EUR	0,8650	0,8650	0,4800	5760,0000	3	0,5350	12000				
Certificate	DE000CJ3NUM4	TOMTO8.675TS OPENZ	EUR	0,7500	0,8650	0,7500	2830,5000	2	0,8650	3700				
Certificate	NL0012994925	TOMTO8.7128S OPENB	EUR	1,3650	1,3650	0,9250	3720,0000	1	1,0250	4000				
Certificate	DE000CJ3NUP9	TOMTO9.274TS OPENZ	EUR	1,4550	1,4550	1,4550			1,4550					
Certificate	NL0012983696	TOMTO9.7058S OPENB	EUR	2,3550	2,3550	2,0250			2,0250					
Certificate	DE000CV8A575	TOMTO9.868TS OPENZ	EUR	2,0450	2,0450	2,0450			2,0450					
Certificate	NL0006527202	TOTAL 8TL OPENB	EUR	42,8800	42,8800	42,8800			42,8800					
Certificate	DE000CX0JQQ1	TOTAL 30TL OPENC	EUR	2,3100	2,3100	2,3100			2,3100					
Certificate	DE000CX00435	TOTAL 32TL OPENC	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	NL0011722277	TOTAL 34TL OPENH	EUR	18,4300	18,4300	18,4300			18,4300					
Certificate	DE000CW42R19	TOTAL 35TL OPENC	EUR	1,9600	1,9600	1,9600			1,9600					
Certificate	DE000CC5KFK9	TOTAL 35TL OPENC	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CX00PM6	TOTAL 36TL OPENC	EUR	1,8600	1,8600	1,8600			1,8600					
Certificate	DE000CX00PF0	TOTAL 36TL OPENC	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	DE000CX00EU3	TOTAL 38TL OPENC	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	DE000CX00FT2	TOTAL 38TL OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CV50GE5	TOTAL 40TL OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	DE000CX59AM4	TOTAL 40TL OPENC	EUR	1,3600	1,3600	1,3600			1,3600					
Certificate	NL0013126568	TOTAL 52TS OPENH	EUR											
Certificate	NL0006468068	TOTAL 11.5TL OPENB	EUR	39,6400	39,6400	39,6400			39,6400					
Certificate	NL0006469330	TOTAL 15.1TL OPENB	EUR	36,2700	36,2700	36,2700			36,2700					
Certificate	NL0010117628	TOTAL 18.2TL OPENB	EUR	33,4200	33,4200	33,4200			33,4200					
Certificate	NL0010127619	TOTAL 21.5TL OPENB	EUR	30,3400	30,3400	30,3400			30,3400					
Certificate	NL0010131835	TOTAL 25.2TL OPENB	EUR	26,9300	26,9300	26,9300			26,9300					
Certificate	NL0010889903	TOTAL 28.9TL OPENB	EUR	23,9800	23,9800	23,4700			23,4700					
Certificate	NL0010514758	TOTAL 28.9TL OPENB	EUR	23,4600	23,4600	23,4600			23,4600					
Certificate	NL0011649678	TOTAL 31.6TL OPENB	EUR	21,4600	21,4600	20,9500			20,9500					
Certificate	NL0011722285	TOTAL 31.9TL OPENH	EUR	20,3600	20,3600	20,3600			20,3600					
Certificate	NL0011800115	TOTAL 34.2TL OPENB	EUR	19,0300	19,0300	18,5200			18,5200					
Certificate	NL0011722269	TOTAL 35.1TL OPENH	EUR	17,4500	17,4500	17,4500			17,4500					
Certificate	NL0011975545	TOTAL 36.1TL OPENH	EUR	16,5200	16,5200	16,5200			16,5200					
Certificate	NL0012019368	TOTAL 36.8TL OPENB	EUR	16,6000	16,6000	16,0900			16,0900					
Certificate	NL0011979877	TOTAL 38.2TL OPENH	EUR	14,5700	14,5700	14,5700			14,5700					
Certificate	NL0011997382	TOTAL 39.2TL OPENH	EUR	13,6000	13,6000	13,6000			13,6000					
Certificate	NL0012038038	TOTAL 39.4TL OPENB	EUR	14,2100	14,2100	13,7000	685,0000	1	13,7000	50				
Certificate	NL0012049993	TOTAL 40.2TL OPENH	EUR	12,6700	12,6700	12,6700			12,6700					
Certificate	NL0012520811	TOTAL 41.3TL OPENH	EUR	11,6400	11,6400	11,6400			11,6400					
Certificate	NL0012579577	TOTAL 43.2TL OPENH	EUR	9,8500	9,8500	9,8500			9,8500					
Certificate	DE000CV87M86	TOTAL 43.3TL OPENZ	EUR	6,8900	6,8900	6,8900			6,8900					
Certificate	NL0012594766	TOTAL 44.3TL OPENH	EUR	8,8700	8,8700	8,8700			8,8700					
Certificate	NL0012602908	TOTAL 45.3TL OPENH	EUR	7,9100	7,9100	7,9100			7,9100					
Certificate	NL0012603724	TOTAL 46.3TL OPENH	EUR	6,9800	6,9800	6,9800			6,9800					
Certificate	NL0012605661	TOTAL 47.3TL OPENH	EUR	6,0400	6,0400	6,0400			6,0400					
Certificate	NL0013127624	TOTAL 50.1TL OPENH	EUR											
Certificate	NL0013128549	TOTAL 53.9TS OPENH	EUR	8,4000	8,4000	8,4000			8,4000					
Certificate	NL0013085442	TOTAL 55.9TS OPENH	EUR	10,5200	10,5200	10,5200			10,5200					
Certificate	NL0012905269	TOTAL 57.9TS OPENH	EUR	12,6900	12,6900	12,6900			12,6900					
Certificate	NL0012608186	TOTAL 61.9TS OPENH	EUR	17,0400	17,0400	17,0400			17,0400					
Certificate	NL0012903934	TOTAL 71.4TS OPENH	EUR	27,2300	27,2300	27,2300			27,2300					
Certificate	DE000CM4ACY9	TOTAL22.12TL OPENZ	EUR	2,9800	2,9800	2,8600			2,8600					
Certificate	DE000CM6JUB4	TOTAL34.36TL OPENZ	EUR	16,9800	16,9800	15,7900			15,7900					
Certificate	DE000CC3ZA86	TOTAL35.16TL OPENC	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	DE000CD61TM2	TOTAL38.32TL OPENZ	EUR	13,0300	13,0300	11,8400			11,8400					
Certificate	DE000CV88LM4	TOTAL48.26TL OPENZ	EUR	2,0050	2,0050	2,0050			2,0050					
Certificate	DE000CJ3PSB8	TOYOT 4440TL OPENZ	EUR	1,8000	1,8000	1,8000			1,8000					
Certificate	DE000CV8ASW9	TOYOT 5240TL OPENZ	EUR	1,2200	1,2200	1,2200			1,2200					
Certificate	DE000CV8ASX7	TOYOT 6302TL OPENZ	EUR	0,4400	0,4400	0,4400			0,4400					
Certificate	NL0012988885	TOYOT101.38L OPENB	EUR	1,4000	1,4000	1,4000			1,4000					
Certificate	NL0012771067	TOYOT108.68L OPENB	EUR	0,7500	0,7500	0,7500			0,7500					
Certificate	NL001269953	TOYOT116.18L OPENB	EUR											
Certificate	NL0013010663	TOYOT121.18S OPENB	EUR	0,7400	0,7400	0,7400			0,7400					
Certificate	NL0012973861	TOYOT133.68S OPENB	EUR	1,8400	1,8400	1,8400			1,8400					
Certificate	NL0012700140	TOYOT146.18S OPENB	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	NL0013010598	TOYOT93.728L OPENB	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000CJ3NQV5	TRIPA33.68TL OPENZ	EUR	1,7550	1,7550	1,7550			1,7550					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CV8AFA2	TRIPA40.72TL OPENZ	EUR	1,1350	1,1350	1,1350			1,1350					
Certificate	DE000CV8B656	TUI A10.51TL OPENZ	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000CV4YXZ1	TUI A12.51TL OPENZ	EUR	0,5400	0,5450	0,5400	2160,0000	1	0,5450	4000				
Certificate	DE000CV4YZ46	TUI A14.01TL OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	NL0000458198	TURKUE CT OPENN	EUR	15,0000	15,0000	15,0000			15,0000					
Certificate	NL00009176114	TURKTT 546TL OPENB	EUR	7,0050	7,0050	7,0050			7,0050					
Certificate	NL00009176833	TURKTT 641TL OPENB	EUR	5,5500	5,5500	5,5500			5,5500					
Certificate	NL0010047163	TURKTT 758TL OPENB	EUR	3,7850	3,7850	3,7850			3,7850					
Certificate	DE000CJ3PE52	TWTR 1.11TL OPENZ	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000CJ3PV39	TWTR 1.51TL OPENZ	EUR	0,2550	0,2550	0,2550			0,2550					
Certificate	DE000CV4ZZQ2	TWTR 1.306TL OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CX01NU2	TWTR 10TL OPENC	EUR	2,0600	2,0600	2,0600			2,0600					
Certificate	DE000CX593U2	TWTR 16TL OPENC	EUR											
Certificate	DE000CV51L78	TWTR 17TL OPENC	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	DE000CV52AN5	TWTR 20TL OPENC	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CP06UW8	TWTR 20TL OPENC	EUR	1,2500	1,2500	1,2500			1,2500					
Certificate	DE000CQ58W29	TWTR 20TL OPENC	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	DE000CQ5AG79	TWTR 22TL OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CJ3NXW9	TWTR 24TL 1218Z	EUR	1,8350	1,8350	1,8350			1,8350					
Certificate	DE000CQ5A6A8	TWTR 24TL OPENC	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	DE000CX0JT01	TWTR 24TS OPENC	EUR											
Certificate	DE000CV16XR3	TWTR 25TS OPENC	EUR											
Certificate	DE000CQ5A6B6	TWTR 26TL OPENC	EUR											
Certificate	DE000CP06UX6	TWTR 26TL OPENC	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	DE000CJ3PB55	TWTR 27TL 1218Z	EUR	1,3150	1,3150	1,3150			1,3150					
Certificate	DE000CV52Y29	TWTR 28TL OPENC	EUR	0,5500	0,5500	0,5500			0,5500					
Certificate	DE000CV52Z06	TWTR 30TL OPENC	EUR	0,3800	0,3800	0,3800			0,3800					
Certificate	DE000CV52Z14	TWTR 32TL OPENC	EUR	0,2000	0,2000	0,2000			0,2000					
Certificate	DE000CP069A5	TWTR 34TS OPENC	EUR											
Certificate	DE000CQ5AJA7	TWTR 34TS OPENC	EUR											
Certificate	DE000CP06826	TWTR 35TS OPENC	EUR											
Certificate	DE000CP067G6	TWTR 36TS OPENC	EUR	0,1600	0,1600	0,1600			0,1600					
Certificate	DE000CQ5BU70	TWTR 38TS OPENC	EUR	0,3300	0,3300	0,3300			0,3300					
Certificate	DE000CQ5BW37	TWTR 40TS OPENC	EUR	0,7100	0,7100	0,7100			0,7100					
Certificate	DE000CP061D6	TWTR 40TS OPENC	EUR	0,5100	0,5100	0,5100			0,5100					
Certificate	DE000CP061E4	TWTR 42TS OPENC	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	NL0011645981	TWTR 12.18L OPENB	EUR	19,9400	19,9400	19,9400			19,9400					
Certificate	DE000CJ3NJ78	TWTR 22.5TL 1218Z	EUR	2,1050	2,1050	2,1050			2,1050					
Certificate	DE000CJ3NJ86	TWTR 25.5TL 1218Z	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	NL0012778096	TWTR 29.5TS OPENB	EUR											
Certificate	DE000CJ3PRH7	TWTR 31.2TL OPENZ	EUR	0,5550	0,5550	0,5550			0,5550					
Certificate	NL0012995948	TWTR 33.9TS OPENB	EUR											
Certificate	NL0013146145	TWTR 36.9TS OPENB	EUR	8,0950	8,0950	8,0950			8,0950					
Certificate	NL0013146152	TWTR 38.4TS OPENB	EUR	9,6450	9,6450	9,6450			9,6450					
Certificate	NL0013146160	TWTR 39.9TS OPENB	EUR	11,1950	11,1950	11,1950			11,1950					
Certificate	NL0013146178	TWTR 42.9TS OPENB	EUR	14,2950	14,2950	14,2950			14,2950					
Certificate	NL0012971105	TWTR 44.4TS OPENB	EUR											
Certificate	NL0013146186	TWTR 45.9TS OPENB	EUR	17,3850	17,3850	17,3850			17,3850					
Certificate	NL0012971980	TWTR 48.9TS OPENB	EUR	20,5150	20,5150	20,5150			20,5150					
Certificate	DE000CJ3NSU3	TWTR 17.14TL OPENZ	EUR	3,0050	3,0050	3,0050			3,0050					
Certificate	DE000CV8AHT8	TWTR 20.65TL OPENZ	EUR	2,3850	2,3850	2,3850			2,3850					
Certificate	DE000CJ3NSQ8	TWTR 22.69TL OPENZ	EUR	2,0350	2,0350	2,0350			2,0350					
Certificate	DE000CJ3NSV1	TWTR 24.22TL OPENZ	EUR	1,7650	1,7650	1,7650			1,7650					
Certificate	DE000CV8A9G6	TWTR 25.73TL OPENZ	EUR	1,5050	1,5050	1,5050			1,5050					
Certificate	DE000CJ3PBN9	TWTR 27.22TL OPENZ	EUR	1,2450	1,2450	1,2450			1,2450					
Certificate	NL0012780548	TWTR 29.01BS OPENB	EUR											
Certificate	DE000CJ3PMM8	TWTR 29.21TL OPENZ	EUR	0,9050	0,9050	0,9050			0,9050					
Certificate	NL0012995641	TWTR 34.74BS OPENB	EUR											
Certificate	DE000CV8BCG4	TWTR 34.91TS OPENZ	EUR											
Certificate	NL0013017775	TWTR 36.73BS OPENB	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	DE000CV8AG76	TWTR 39.91TS OPENZ	EUR	1,0250	1,0250	1,0250			1,0250					
Certificate	DE000CV8B5C2	TWTR 44.93TS OPENZ	EUR	1,8950	1,8950	1,8950			1,8950					
Certificate	NL0012971386	TWTR 48.72BS OPENB	EUR	13,2950	13,2950	13,2950			13,2950					
Certificate	NL0013003494	UBS 16TS OPENB	EUR	2,5400	2,7300	2,5400			2,7300					
Certificate	NL0009864065	UBS 5.4TL OPENB	EUR	8,2800	8,2800	8,2800			8,2800					
Certificate	NL0011904826	UBS 10.3TL OPENB	EUR	4,2900	4,2900	4,1100			4,1100					
Certificate	NL0011906805	UBS 10.9TL OPENB	EUR	3,7900	3,7900	3,6100			3,6100					
Certificate	NL0013011760	UBS 11.5TL OPENB	EUR	3,2800	3,2800	3,1100			3,1100					
Certificate	NL0013011778	UBS 12.1TL OPENB	EUR	2,7900	2,7900	2,6100			2,6100					
Certificate	NL0013011786	UBS 12.8TL OPENB	EUR	2,2200	2,2200	2,0500			2,0500					
Certificate	NL0013011034	UBS 14.6TS OPENB	EUR	1,1400	1,3300	1,1400			1,3300					
Certificate	NL0012683494	UBS 17.8TS OPENB	EUR	4,2000	4,3900	4,2000			4,3900					



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	NL0013002017	UBS 19.4TS OPENB	EUR	5,7400	5,9300	5,7400			5,9300					
Certificate	DE000CD61YX9	UBS 9.44TL OPENZ	EUR	0,8450	0,8450	0,8450			0,8450					
Certificate	DE000CN6J877	UBS 10.95TL OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	DE000CD63724	UBS 12.43TL OPENZ	EUR	0,3250	0,3250	0,3250			0,3250					
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	67,1750	67,1750	64,5450			64,5450					
Certificate	NL0009177765	UCB S 17.5TL OPENB	EUR	59,0250	59,0250	56,3950			56,3950					
Certificate	NL0009679273	UCB S 20.7TL OPENB	EUR	55,9650	55,9650	53,3350			53,3350					
Certificate	NL0010763900	UCB S 49.6TL OPENB	EUR	29,0650	29,0650	26,4350			26,4350					
Certificate	NL0012040141	UCB S 52.1TL OPENB	EUR	26,8550	26,8550	24,1750			24,1750					
Certificate	NL0012040158	UCB S 54.7TL OPENB	EUR	24,4750	24,4750	21,7950			21,7950					
Certificate	NL0012493647	UCB S 57.2TL OPENB	EUR	22,1250	22,1250	19,4450			19,4450					
Certificate	NL0012785943	UCB S 59.7TL OPENB	EUR	19,8050	19,8050	17,1250			17,1250					
Certificate	DE000CE6FSN3	UCB S 59.7TL OPENZ	EUR	2,6350	2,6350	2,6350			2,6350					
Certificate	NL0012789929	UCB S 62.2TL OPENB	EUR	17,4850	17,4850	14,8050			14,8050					
Certificate	NL0013017122	UCB S 64.7TL OPENB	EUR	15,1250	15,1250	12,4450			12,4450					
Certificate	NL0013017130	UCB S 67.2TL OPENB	EUR	12,7950	12,7950	10,1150			10,1150					
Certificate	NL0013146046	UCB S 69.7TL OPENB	EUR	10,4850	10,4850	7,8050			7,8050					
Certificate	NL0013014301	UCB S 75.7TS OPENB	EUR	6,6450	9,2250	6,6450			9,2250					
Certificate	NL0012999718	UCB S 80.7TS OPENB	EUR	12,0650	14,6450	12,0650			14,6450					
Certificate	NL0012993133	UCB S 81.5BS OPENB	EUR	0,7250	0,9850	0,7250			0,9850					
Certificate	NL0012988257	UCB S 85.8TS OPENB	EUR	17,5250	20,1050	17,5250			20,1050					
Certificate	NL0012997555	UCB S 90.9TS OPENB	EUR	23,0250	25,6050	23,0250			25,6050					
Certificate	DE000CD64220	UCB S45.76TL OPENZ	EUR	5,8600	5,8600	5,4100			5,4100					
Certificate	DE000CR1K6D2	UCB S51.75TL OPENZ	EUR	2,3350	2,3350	2,1150			2,1150					
Certificate	DE000CE6EA01	UCB S55.72TL OPENZ	EUR	3,4350	3,4350	3,4350			3,4350					
Certificate	NL0013018823	UCB S62.31BL OPENB	EUR	1,3950	1,3950	1,1250			1,1250					
Certificate	DE000CV898P7	UCB S64.69TL OPENZ	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	NL0013008782	UCB S65.31BL OPENB	EUR	1,0950	1,0950	0,8250	880,0000	1	0,8250	1000				
Certificate	NL0012995476	UCB S68.32BL OPENB	EUR	0,7950	0,7950	0,5250	1491,0000	1	0,5250	2100				
Certificate	DE000CJ3PQ85	UCB S69.69TL OPENZ	EUR	0,6650	0,6650	0,6650			0,6650					
Certificate	NL0013009129	UCB S76.51BS OPENB	EUR	0,2250	0,4850	0,2250	5974,0000	4	0,4850	14000				
Certificate	DE000CJ3PLN8	UCB S77.15TS OPENZ	EUR	0,9850	0,9850	0,9850			0,9850					
Certificate	DE000CV89C45	UCB S86.13TS OPENZ	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	NL0012993141	UCB S86.47BS OPENB	EUR	1,2250	1,4850	1,2250			1,4850					
Certificate	DE000CV8AGR4	UCB S96.13TS OPENZ	EUR	4,7650	4,7650	4,7650			4,7650					
Certificate	NL0012271449	UMICO 29TL OPENB	EUR	33,8600	34,0600	33,8600			34,0600					
Certificate	NL0012494124	UMICO 32TL OPENB	EUR	28,3400	28,5400	28,3400			28,5400					
Certificate	NL0012796692	UMICO 51BOCO919Z	EUR	43,2800	43,2800	43,2800			43,2800					
Certificate	NL0009521756	UMICO 9.3TL OPENB	EUR	69,5400	69,8300	69,5400			69,8300					
Certificate	NL0009998699	UMICO 11.2TL OPENB	EUR	66,1400	66,4300	66,1400			66,4300					
Certificate	NL0011652474	UMICO 17.7TL OPENB	EUR	54,3600	54,5600	54,3600			54,5600					
Certificate	NL0011806062	UMICO 19.8TL OPENB	EUR	50,5600	50,7600	50,5600			50,7600					
Certificate	NL0011906813	UMICO 22.1TL OPENB	EUR	46,3400	46,5400	46,3400			46,5400					
Certificate	NL0012112551	UMICO 22.9TL OPENB	EUR	44,9400	45,1400	44,9400			45,1400					
Certificate	NL0012118350	UMICO 23.7TL OPENB	EUR	43,4800	43,6800	43,4800			43,6800					
Certificate	NL0012261259	UMICO 25.2TL OPENB	EUR	40,7400	41,8500	40,7400	41850,0000	1	40,9400	1000				
Certificate	NL0012499032	UMICO 33.5TL OPENB	EUR	25,5200	26,8800	25,5200	2335,9500	1	25,7200	87				
Certificate	NL0012512628	UMICO 36.6TL OPENB	EUR	9,9600	10,5200	9,9600	4399,0000	3	10,0900	425				
Certificate	NL0013146574	UMICO 39.2BL OPENB	EUR	0,9550	1,0200	0,9550	255,0000	1	0,9750	250				
Certificate	NL0013015779	UMICO 42.8TS OPENB	EUR											
Certificate	NL0013006315	UMICO 46.7BS OPENB	EUR	0,8650	0,8650	0,7550	2964,0000	2	0,8250	3900				
Certificate	NL0013005663	UMICO 47.8TS OPENB	EUR	10,0200	10,0200	9,8300			9,8300					
Certificate	NL0012986459	UMICO 52.8TS OPENB	EUR	15,5000	15,5000	15,3100			15,3100					
Certificate	NL0012791289	UMICO 57.8TS OPENB	EUR	21,0400	21,0400	20,8500			20,8500					
Certificate	DE000CN6KGK2	UMICO20.22TL OPENZ	EUR	44,9100	46,6000	44,9100			46,6000					
Certificate	DE000CN6L129	UMICO21.81TL OPENZ	EUR	41,7600	43,4500	41,7600			43,4500					
Certificate	DE000CE6CKM8	UMICO26.54TL OPENZ	EUR	6,8800	6,8800	6,8000	1032,0000	1	6,8000	150				
Certificate	NL0012600498	UMICO27.61TL OPENH	EUR	1,8100	1,8200	1,8100			1,8200					
Certificate	DE000CE6CUH7	UMICO29.09TL OPENZ	EUR	5,6200	5,7800	5,6200	505,8000	1	5,7800	90				
Certificate	NL0012581615	UMICO29.66TL OPENH	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	NL0012581300	UMICO31.69TL OPENH	EUR	1,4400	1,4500	1,4400			1,4500					
Certificate	DE000CE6ERS1	UMICO32.08TL OPENZ	EUR	4,5950	4,5950	4,5950			4,5950					
Certificate	NL0013016538	UMICO33.19BL OPENB	EUR	2,1650	2,1850	2,1650			2,1850					
Certificate	NL0012581292	UMICO33.71TL OPENH	EUR	1,2600	1,2700	1,2600			1,2700					
Certificate	NL0013008790	UMICO35.19BL OPENB	EUR	1,7650	1,7850	1,7400	1618,2000	1	1,7850	930				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CE6F3L2	UMICO35.57TL OPENZ	EUR	1,6500	1,6500	1,5950	165,0000	1	1,5950	100				
Certificate	NL0012581284	UMICO35.74TL OPENH	EUR	1,0800	1,0800	1,0800			1,0800					
Certificate	NL0013007636	UMICO37.198L OPENB	EUR	1,3650	1,4800	1,3650	14162,8400	3	1,3850	9709				
Certificate	NL0012581276	UMICO37.75TL OPENH	EUR	0,8900	0,9600	0,8900	960,0000	1	0,9000	1000				
Certificate	DE000CJ3PQ93	UMICO39.06TL OPENZ	EUR	0,9150	0,9150	0,9150			0,9150					
Certificate	NL0013013923	UMICO42.71BS OPENB	EUR											
Certificate	NL0012993158	UMICOS0.69BS OPENB	EUR	1,6650	1,6650	1,6250			1,6250					
Certificate	NL0012993166	UMICOS4.66BS OPENB	EUR	2,4550	2,4550	2,4250			2,4250					
Certificate	NL0012795975	UNILV LEVOPENZ	EUR	45,3500	45,3500	45,3500			45,3500					
Certificate	NL0012796015	UNILV SHROPENZ	EUR	49,9000	49,9000	49,9000			49,9000					
Certificate	NL0009937184	UNILV 15TL OPENB	EUR	33,4500	33,4500	33,4500			33,4500					
Certificate	NL0011044912	UNILV 28TL OPENH	EUR	21,3700	21,3700	21,2400			21,2400					
Certificate	NL0010919924	UNILV 29TL OPENB	EUR	20,4100	20,4100	20,4100			20,4100					
Certificate	DE000CX00476	UNILV 32TL OPENC	EUR	19,6400	19,6400	19,6400			19,6400					
Certificate	NL0011591599	UNILV 32TL OPENH	EUR	17,6400	17,6400	17,5100			17,5100					
Certificate	DE000CC60219	UNILV 33TL OPENC	EUR	17,8500	17,8500	17,8500			17,8500					
Certificate	NL0011591581	UNILV 33TL OPENH	EUR	16,6700	16,6700	16,5400			16,5400					
Certificate	NL0011423298	UNILV 34TL OPENH	EUR	15,7400	15,7400	15,6000	11707,5000	2	15,6000	750				
Certificate	DE000CW42AF6	UNILV 35TL OPENC	EUR	16,8700	16,8700	16,8700			16,8700					
Certificate	DE000CW42RF0	UNILV 35TL OPENC	EUR	17,0700	17,0700	17,0700			17,0700					
Certificate	DE000CW42WU9	UNILV 36TL OPENC	EUR	16,1000	16,1000	16,1000			16,1000					
Certificate	DE000CW42VU1	UNILV 36TL OPENC	EUR	14,3500	14,3500	14,3500			14,3500					
Certificate	DE000CV8ABV7	UNILV 37TL 1218Z	EUR	2,0800	2,0800	2,0800			2,0800					
Certificate	DE000CJ3N7N1	UNILV 40TL 1218Z	EUR	1,4800	1,4800	1,4800			1,4800					
Certificate	DE000CY16CD7	UNILV 40TL OPENC	EUR	11,1700	11,1700	11,1700			11,1700					
Certificate	DE000CY16AZ4	UNILV 40TL OPENC	EUR	9,2300	9,2500	9,2200	9,2300	1	9,2500	1				
Certificate	DE000VA71UD4	UNILV 41TL 0319V	EUR	6,0750	6,0750	6,0750			6,0750					
Certificate	DE000VA7PWY9	UNILV 42TL 0319V	EUR	5,1350	5,1350	5,1350			5,1350					
Certificate	DE000CP06XH3	UNILV 42TL OPENC	EUR	5,8200	5,8200	5,8200			5,8200					
Certificate	DE000CP07AK3	UNILV 42TL OPENC	EUR	7,3800	7,3800	7,3800			7,3800					
Certificate	DE000VA7PTL2	UNILV 43TL 0319V	EUR	4,2550	4,2550	4,2550			4,2550					
Certificate	DE000VA320C4	UNILV 43TL 1218V	EUR	4,5000	4,5000	4,2000	435,0000	2	4,4150	100				
Certificate	DE000CV8ABW5	UNILV 43TL 1218Z	EUR	0,8600	0,8800	0,8600	344,0000	1	0,8800	400				
Certificate	DE000VA7PTM0	UNILV 44TL 0319V	EUR	3,3750	3,3750	3,3750			3,3750					
Certificate	DE000VA320D2	UNILV 44TL 1218V	EUR	3,4950	3,4950	3,4950			3,4950					
Certificate	DE000CP07AL1	UNILV 44TL OPENC	EUR	5,4600	5,4600	5,4600			5,4600					
Certificate	DE000CP06XJ9	UNILV 44TL OPENC	EUR	3,8200	3,8200	3,8200			3,8200					
Certificate	DE000VA7PTN8	UNILV 45TL 0319V	EUR	2,5150	2,5150	2,5150			2,5150					
Certificate	DE000VA320E0	UNILV 45TL 1218V	EUR	2,5750	2,5750	2,5750			2,5750					
Certificate	DE000CQ5B3L1	UNILV 45TL OPENC	EUR	4,6400	4,6400	4,6400			4,6400					
Certificate	DE000CQ5AX37	UNILV 45TL OPENC	EUR	2,7600	3,0200	2,7600	752,9200	6	2,9200	262				
Certificate	DE000VA8FS55	UNILV 46TL 0319V	EUR	1,6550	1,6550	1,6550			1,6550					
Certificate	DE000VA8FS48	UNILV 46TL 1218V	EUR	1,6650	1,6650	1,6650			1,6650					
Certificate	DE000CQ5BZH6	UNILV 46TL OPENC	EUR	1,5100	1,5100	1,5100			1,5100					
Certificate	NL0012649248	UNILV 47BOC1218Z	EUR	46,8950	46,8950	46,8950			46,8950					
Certificate	DE000VA80HG5	UNILV 47TL 0319V	EUR											
Certificate	DE000VA8FX82	UNILV 47TL 0319V	EUR											
Certificate	DE000VA8FX74	UNILV 47TL 1218V	EUR											
Certificate	DE000VA80HE0	UNILV 47TL 1218V	EUR											
Certificate	DE000VA8F6D8	UNILV 48TS 0319V	EUR											
Certificate	DE000VA8F6E6	UNILV 48TS 1218V	EUR											
Certificate	DE000VA7PTF4	UNILV 49TS 0319V	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	DE000VA71NS7	UNILV 49TS 1218V	EUR	2,3050	2,3050	2,3050			2,3050					
Certificate	NL0012648877	UNILV 50BON0619Z	EUR	49,2150	49,2150	49,2150			49,2150					
Certificate	DE000VA7PTG2	UNILV 50TS 0319V	EUR	3,4750	3,4750	3,4750			3,4750					
Certificate	DE000VA6D5N3	UNILV 50TS 1218V	EUR	3,2250	3,2250	3,2250			3,2250					
Certificate	DE000CQ5BZJ2	UNILV 50TS OPENC	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	DE000VA7PTH0	UNILV 51TS 0319V	EUR	4,4550	4,4550	4,4550			4,4550					
Certificate	DE000VA320J9	UNILV 51TS 1218V	EUR	4,1550	4,1550	4,1550			4,1550					
Certificate	DE000VA7PTJ6	UNILV 52TS 0319V	EUR	5,4150	5,4150	5,4150			5,4150					
Certificate	DE000VA320K7	UNILV 52TS 1218V	EUR	5,0750	5,0750	5,0750			5,0750					
Certificate	NL0012648356	UNILV 53BOC0619Z	EUR	51,2850	51,2850	51,2850			51,2850					
Certificate	DE000VA7PTK4	UNILV 53TS 0319V	EUR	6,4150	6,4150	6,4150			6,4150					
Certificate	DE000VA320L5	UNILV 53TS 1218V	EUR	6,0750	6,0750	6,0750			6,0750					
Certificate	DE000VASEL23	UNILV 55TS 1218V	EUR	8,0750	8,0750	8,0750			8,0750					
Certificate	DE000CQ5B0R4	UNILV 55TS OPENC	EUR	6,9500	6,9500	6,9500			6,9500					
Certificate	DE000CY16SF8	UNILV 55TS OPENC	EUR	4,0400	4,0400	4,0400			4,0400					
Certificate	DE000CY50396	UNILV 55TS OPENC	EUR	7,0900	7,0900	7,0900			7,0900					
Certificate	DE000CP067Y9	UNILV 55TS OPENC	EUR	9,7000	9,7000	9,7000			9,7000					
Certificate	DE000CQ5BHR3	UNILV 60TS OPENC	EUR	14,2500	14,2500	14,2500			14,2500					
Certificate	DE000CY16H29	UNILV 60TS OPENC	EUR	11,2600	11,2600	11,2600			11,2600					
Certificate	DE000CY16GE6	UNILV 60TS OPENC	EUR	8,4700	8,4700	8,4700			8,4700					



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	DE000CQ5AHT1	UNILV 60TS OPENC	EUR	11,3700	11,3700	11,3700			11,3700					
Certificate	NL0009258631	UNILV 11.6TL OPENB	EUR	36,5800	36,5800	36,5800			36,5800					
Certificate	NL0010012126	UNILV 17.9TL OPENB	EUR	30,7400	30,7400	30,7400			30,7400					
Certificate	NL0010174850	UNILV 19.1TL OPENB	EUR	29,5400	29,5500	29,5400			29,5500					
Certificate	NL0011044946	UNILV 21.6TL OPENH	EUR	27,3100	27,3100	27,1800			27,1800					
Certificate	NL0010875399	UNILV 23.1TL OPENB	EUR	25,9000	25,9000	25,9000			25,9000					
Certificate	NL0010899266	UNILV 26.3TL OPENB	EUR	22,8700	22,8700	22,8700			22,8700					
Certificate	NL0011044904	UNILV 30.1TL OPENH	EUR	19,3900	19,3900	19,2600			19,2600					
Certificate	NL0011436274	UNILV 31.6TL OPENB	EUR	17,9700	17,9700	17,9700			17,9700					
Certificate	NL0012036073	UNILV 34.2TL OPENB	EUR	15,5300	15,5300	15,5300			15,5300					
Certificate	LU1841031179	UNILV 36.3TCIOPENS	EUR	11,6300	11,6300	11,6300			11,6300					
Certificate	NL0012112320	UNILV 36.8TL OPENB	EUR	13,1300	13,1300	13,1300			13,1300					
Certificate	DE000VN6ZDV1	UNILV 37.9TL OPENV	EUR	10,6450	10,6450	10,6450			10,6450					
Certificate	DE000VN6ZDX7	UNILV 38.9TL OPENV	EUR	9,6250	9,6250	9,6250			9,6250					
Certificate	NL0012112569	UNILV 39.4TL OPENB	EUR	10,7400	10,7400	10,7400			10,7400					
Certificate	DE000VN6ZD22	UNILV 39.9TL OPENV	EUR	8,5950	8,5950	8,5950			8,5950					
Certificate	DE000VN6ZD12	UNILV 40.9TL OPENV	EUR	7,5650	7,5650	7,5650			7,5650					
Certificate	DE000CE68SD2	UNILV 41.8TL OPENZ	EUR	6,6100	6,6100	5,7200	399,5000	2	5,8500	68				
Certificate	NL0012777940	UNILV 41.9TL OPENB	EUR	8,3900	8,3900	8,2600	827,0000	1	8,3900	100				
Certificate	DE000VN6ZD20	UNILV 41.9TL OPENV	EUR	6,5350	6,5350	6,5350			6,5350					
Certificate	DE000VL8XHA9	UNILV 42.4TL OPENV	EUR	5,5250	5,5250	5,5250			5,5250					
Certificate	NL0012785968	UNILV 44.5TL OPENB	EUR	6,0200	6,0200	5,9000	2750,0600	2	6,0200	466				
Certificate	NL0012648869	UNILV 46.5BON1218Z	EUR	47,9550	47,9550	47,9550			47,9550					
Certificate	NL0011044839	UNILV 50.2TS OPENH	EUR	7,0800	7,2000	7,0800			7,2000					
Certificate	NL0012112411	UNILV 52.5TS OPENB	EUR	9,4800	9,7500	9,4500	1365,0000	1	9,4500	140				
Certificate	NL0011423231	UNILV 55.9TS OPENH	EUR	13,1600	13,2700	13,1600			13,2700					
Certificate	NL0012258560	UNILV 56.1BS OPENB	EUR	9,1100	9,1100	9,0800			9,0800					
Certificate	NL0012774459	UNILV 57.5TS OPENB	EUR	14,8900	14,8900	14,8600			14,8600					
Certificate	NL0011423223	UNILV 58.7TS OPENH	EUR	16,1800	16,2900	16,1800			16,2900					
Certificate	NL0012982581	UNILV 62.4TS OPENB	EUR	20,2300	20,2300	20,2000			20,2000					
Certificate	DE000C20HND8	UNILV27.57TL OPENZ	EUR	20,8200	20,8200	20,0400			20,0400					
Certificate	DE000CF80ZW3	UNILV27.67TL OPENC	EUR	23,3800	23,3800	23,3800			23,3800					
Certificate	DE000CC3ZV9	UNILV28.81TL OPENC	EUR	22,1900	22,1900	22,1900			22,1900					
Certificate	DE000CR4JEN4	UNILV32.18TL OPENZ	EUR	16,2100	16,2100	15,4400			15,4400					
Certificate	NL0011442447	UNILV32.25BL OPENB	EUR	15,3900	15,3900	15,3900			15,3900					
Certificate	NL0011442454	UNILV34.96BL OPENB	EUR	12,6600	12,6600	12,6600			12,6600					
Certificate	DE000CN6EXD5	UNILV35.83TL OPENZ	EUR	12,5500	12,5500	11,7800			11,7800					
Certificate	DE000VN6Y2P3	UNILV36.11TL OPENV	EUR	12,7050	12,7050	12,7050			12,7050					
Certificate	DE000VN6Y2Q1	UNILV37.11TL OPENV	EUR	11,6750	11,6750	11,6750			11,6750					
Certificate	NL0012112452	UNILV37.57BL OPENB	EUR	10,0700	10,0700	10,0700			10,0700					
Certificate	DE000CE6BP07	UNILV38.82TL OPENZ	EUR	9,5500	9,5500	8,5400	947,9400	1	8,7900	111				
Certificate	NL0012684534	UNILV40.24BL OPENB	EUR	7,4000	7,4000	7,4000			7,4000					
Certificate	DE000VN6ZDP3	UNILV40.86TL OPENV	EUR											
Certificate	LU1696513966	UNILV41.94TCIOPENS	EUR	6,3600	6,3600	6,3600			6,3600					
Certificate	NL0012778476	UNILV42.77BL OPENB	EUR	4,8700	5,0300	4,6100	330030,0000	18	4,8700	69000				
Certificate	DE000VA1B3Q8	UNILV43.44TL OPENV	EUR	4,5150	4,5150	4,5150			4,5150					
Certificate	LU1719638774	UNILV43.68TCIOPENS	EUR	4,4300	4,4300	4,4300			4,4300					
Certificate	DE000VA1B3T2	UNILV44.44TL OPENV	EUR	3,5150	3,5150	3,5150			3,5150					
Certificate	DE000VA711J7	UNILV45.18TL OPENV	EUR	2,5150	2,5150	2,5150			2,5150					
Certificate	DE000CJ3PGB3	UNILV45.29TL OPENZ	EUR	0,4700	0,4900	0,4700	345,6000	2	0,4800	720				
Certificate	NL0013014350	UNILV45.32BL OPENB	EUR	2,3200	2,3200	2,0300	20620,5000	7	2,3200	9630				
Certificate	LU1841153445	UNILV45.72TCIOPENS	EUR	2,2900	2,2900	2,2900			2,2900					
Certificate	DE000VA8FST6	UNILV46.18TL OPENV	EUR	1,6700	1,6700	1,6150	16,7000	1	1,6150	10				
Certificate	LU1859834803	UNILV47.05TCIOPENS	EUR											
Certificate	DE000VA8OFT2	UNILV47.19TL OPENV	EUR											
Certificate	DE000VA7TGX6	UNILV48.65TS OPENV	EUR	1,3950	1,3950	1,3950			1,3950					
Certificate	LU1817291807	UNILV49.36TPIOPIENS	EUR	1,8100	1,8100	1,8100			1,8100					
Certificate	DE000VA6D5M5	UNILV49.77TS OPENV	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	LU1817099523	UNILV51.03TPIOPIENS	EUR	3,4300	3,4300	3,4300			3,4300					
Certificate	NL0012112692	UNILV51.34BS OPENB	EUR	4,3500	4,3500	4,3200			4,3200					
Certificate	LU1756907785	UNILV53.21TPIOPIENS	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	NL0012494660	UNILV53.25BOC1218B	EUR	52,8700	52,8700	52,8700			52,8700					
Certificate	DE000CE6CSJ7	UNILV53.31TS OPENZ	EUR	1,1700	1,1700	1,1700			1,1700					
Certificate	DE000VN66T32	UNILV54.21TS OPENV	EUR	3,2550	3,2550	3,2550			3,2550					
Certificate	DE000VN66T40	UNILV55.21TS OPENV	EUR	4,2150	4,2150	4,2150			4,2150					
Certificate	DE000VN66XU5	UNILV57.05TS OPENV	EUR	6,1750	6,1750	6,1750			6,1750					
Certificate	DE000VA5EL15	UNILV57.86TS OPENV	EUR	10,2150	10,2150	10,2150			10,2150					
Certificate	DE000CV888N3	UNILV58.29TS OPENZ	EUR	2,1600	2,1600	2,1600			2,1600					
Certificate	DE000VL2FTF3	UNILV58.49TS OPENV	EUR	8,1250	8,1250	8,1250			8,1250					
Certificate	NL0012792253	UNILV61.03BS OPENB	EUR	14,0400	14,0400	14,0100			14,0100					
Certificate	DE000CV8AGS2	UNILV63.29TS OPENZ	EUR	3,1600	3,1600	3,1600			3,1600					
Certificate	NL0012905061	UNITA 14TS OPENH	EUR	3,4900	3,4900	3,2700			3,2700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012936876	UNITA 15TS OPENH	EUR	4,5600	4,5600	4,3300			4,3300					
Certificate	NL0012926430	UNITA 18TS OPENH	EUR	7,8400	7,8400	7,6200			7,6200					
Certificate	NL0013087315	UNITA 9.1TL OPENH	EUR	3,2200	3,5100	3,2200			3,5100					
Certificate	NL0013083090	UNITA 9.6TL OPENH	EUR	2,7400	3,0300	2,7400			3,0300					
Certificate	NL0013083082	UNITA 10.1TL OPENH	EUR	2,2800	2,5600	2,2800			2,5600					
Certificate	NL0012889059	UNITA 10.7TL OPENH	EUR	1,7300	2,0200	1,7300			2,0200					
Certificate	NL0013127319	UNITA 10.9TL OPENH	EUR	1,5500	1,8300	1,5500			1,8300					
Certificate	NL0013087307	UNITA 11.5TS OPENH	EUR											
Certificate	NL0013128275	UNITA 11.7TS OPENH	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	NL0012907034	UNITA 12.7TS OPENH	EUR	2,1200	2,1200	1,8900			1,8900					
Certificate	NL0012906671	UNITA 12.9TS OPENH	EUR	2,3200	2,3200	2,1000			2,1000					
Certificate	NL0012905079	UNITA 13.8TS OPENH	EUR	3,2800	3,2800	3,0500			3,0500					
Certificate	NL0012936892	UNITA 14.3TS OPENH	EUR	3,8100	3,8100	3,5900			3,5900					
Certificate	NL0012936884	UNITA 14.6TS OPENH	EUR	4,1300	4,1300	3,9100			3,9100					
Certificate	NL0012935647	UNITA 14.7TS OPENH	EUR	4,3200	4,3200	4,1000			4,1000					
Certificate	NL0012914857	UNITA 15.1TS OPENH	EUR	4,7300	4,7300	4,5000			4,5000					
Certificate	NL0012914840	UNITA 15.4TS OPENH	EUR	5,0400	5,0400	4,8100			4,8100					
Certificate	NL0012914832	UNITA 15.6TS OPENH	EUR	5,2500	5,2500	5,0300			5,0300					
Certificate	NL0012934616	UNITA 15.9TS OPENH	EUR	5,5900	5,5900	5,3600			5,3600					
Certificate	NL0012914824	UNITA 16.1TS OPENH	EUR	5,7800	5,7800	5,5500			5,5500					
Certificate	NL0012914816	UNITA 16.6TS OPENH	EUR	6,3000	6,3000	6,0800			6,0800					
Certificate	NL0012914808	UNITA 17.1TS OPENH	EUR	6,8300	6,8300	6,6000			6,6000					
Certificate	NL0012914790	UNITA 17.6TS OPENH	EUR	7,3600	7,3600	7,1300			7,1300					
Certificate	NL0012914782	UNITA 20.5TS OPENH	EUR	10,5100	10,5100	10,2900			10,2900					
Certificate	DE000CJ3NYC9	UNITA10.13TL OPENZ	EUR	1,7850	1,7850	1,7850			1,7850					
Certificate	DE000CJ3PLP3	UNITA6.633TL OPENZ	EUR	5,2600	5,2600	5,2600			5,2600					
Certificate	DE000CV8A7T3	UNITA9.137TL OPENZ	EUR	2,7650	2,7650	2,7650			2,7650					
Certificate	DE000CNGJL79	UPC 79.04TL OPENZ	EUR	3,0700	3,0700	3,0600			3,0600					
Certificate	NL0012795991	URW LEVOPENZ	EUR											
Certificate	NL0012796031	URW SHROPENZ	EUR											
Certificate	NL0012789127	URW 115TL OPENB	EUR	5,3000	5,3000	5,2900	6890,0000	2	5,2900	1300				
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	DE000CP06XF7	URW 170TS OPENC	EUR											
Certificate	DE000CP07AH9	URW 170TS OPENC	EUR											
Certificate	NL0012796395	URW 179BOC1219Z	EUR											
Certificate	DE000CP06XG5	URW 180TS OPENC	EUR											
Certificate	DE000CP07AJ5	URW 180TS OPENC	EUR											
Certificate	NL0012796387	URW 181BOC0919Z	EUR											
Certificate	NL0012796288	URW 189BON0919Z	EUR											
Certificate	NL0012796296	URW 189BON1219Z	EUR											
Certificate	NL0012795645	URW 204BOC0919Z	EUR											
Certificate	NL0012648844	URW 205BON1218Z	EUR											
Certificate	NL0012648851	URW 208BON0619Z	EUR											
Certificate	NL0012649222	URW 214BOC1218Z	EUR	188,5900	188,5900	188,5900	3771,8000	1	188,5900	20				
Certificate	NL0012649230	URW 224BOC0619Z	EUR											
Certificate	NL0011044748	URW 231TS OPENH	EUR	9,0300	9,0500	9,0300			9,0500					
Certificate	NL0012236319	URW 238BOC1218Z	EUR											
Certificate	LU1841030957	URW 148.TCIOPENS	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	NL0012682462	URW 149.8L OPENB	EUR	1,3300	1,4300	1,3200	1181,1000	2	1,3200	870				
Certificate	DE000CJ3N5J3	URW 176.TS OPENZ	EUR											
Certificate	DE000CW42V55	URW 212.TS OPENC	EUR											
Certificate	NL0011443668	URW 214.85 OPENB	EUR	5,6400	5,6400	5,6300			5,6300					
Certificate	DE000CV886Q0	URW 110.3TL OPENZ	EUR											
Certificate	NL0013011380	URW 128.78L OPENB	EUR	3,3500	3,3500	3,3400			3,3400					
Certificate	DE000CV505W4	URW 130.3TL OPENZ	EUR											
Certificate	DE000CQ5AFU3	URW 136.2TL OPENC	EUR	2,5200	2,5200	2,5200	2520,0000	1	2,5200	1000				
Certificate	NL0013011794	URW 137.2TL OPENB	EUR	3,2300	3,3300	3,2200	3330,0000	1	3,2200	1000				
Certificate	NL0012685986	URW 138.88L OPENB	EUR	2,3500	2,5500	2,3400	2998,0000	3	2,3400	1200				
Certificate	LU1841030874	URW 140.2TCIOPENS	EUR	2,2600	2,2600	2,2600			2,2600					
Certificate	DE000CV42UU5	URW 142.3TL OPENZ	EUR	0,9100	0,9100	0,9100	399,4900	1	0,9100	439				
Certificate	NL0012686653	URW 147.2TL OPENB	EUR	2,3100	2,4000	2,3000	37750,0000	9	2,3000	15750				
Certificate	LU1841031096	URW 151.3TCIOPENS	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	DE000CX59L06	URW 151.3TL OPENC	EUR											
Certificate	DE000CX59QE7	URW 152.5TL OPENC	EUR											
Certificate	DE000CNGJP91	URW 154.5TL OPENZ	EUR											
Certificate	LU1859832773	URW 154.9TCIOPENS	EUR	0,8300	0,8300	0,8300			0,8300					
Certificate	NL0013010671	URW 164.78S OPENB	EUR	0,7100	0,7100	0,7000			0,7000					
Certificate	LU1859831379	URW 165.8TPIOPENS	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	LU1841030015	URW 171.3TPIOPENS	EUR	1,4600	1,4600	1,4600			1,4600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013005002	URW 177.2TS OPENB	EUR	3,1600	3,1600	3,1500			3,1500					
Certificate	NL0012994446	URW 179.6BS OPENB	EUR	2,2000	2,2000	2,1900			2,1900					
Certificate	NL0012681985	URW 194.5BS OPENB	EUR	3,6900	3,6900	3,6800			3,6800					
Certificate	DE000CV501H4	URW 195.9TS OPENZ	EUR											
Certificate	NL0012683049	URW 197.1TS OPENB	EUR	5,3100	5,3100	5,3000			5,3000					
Certificate	DE000CY52MK6	URW 201.6TS OPENC	EUR											
Certificate	NL0012793095	URW 205.7B0C12188	EUR	159,7000	159,7000	159,7000			159,7000					
Certificate	DE000CC603M1	URW 213.7TS OPENC	EUR											
Certificate	NL0012275739	URW 216.5TS OPENB	EUR	7,4000	7,4000	7,3900			7,3900					
Certificate	DE000CW42RE3	URW 217.5TS OPENC	EUR											
Certificate	DE000CE68X56	URW 217.9TS OPENZ	EUR											
Certificate	DE000CX00P36	URW 221.5TS OPENC	EUR											
Certificate	DE000CX017M9	URW 226.4TS OPENC	EUR											
Certificate	DE000CE6E2B6	USCAD1.105TL OPENZ	EUR	13,5200	13,8700	13,5200			13,8700					
Certificate	DE000CN6L915	USCAD1.168TL OPENZ	EUR	9,3100	9,6600	9,3100			9,6600					
Certificate	DE000CR6XLP0	USCAD1.233TL OPENZ	EUR	4,9800	5,3250	4,9800			5,3250					
Certificate	DE000CJ3NL17	USCAD1.327TS OPENZ	EUR											
Certificate	DE000CR9S8S0	USCAD1.377TS OPENZ	EUR	4,8400	4,8400	4,4750			4,4750					
Certificate	DE000CN6GQ28	USCAD1.446TS OPENZ	EUR	9,4400	9,4400	9,0700			9,0700					
Certificate	DE000CN6HP93	USCAD1.518TS OPENZ	EUR	14,2900	14,2900	13,9200			13,9200					
Certificate	DE000CE6E2C4	USDCH0.807TL OPENZ	EUR	17,1350	17,3550	17,1350			17,3550					
Certificate	DE000CE6CEV2	USDCH0.854TL OPENZ	EUR	12,9950	13,2050	12,9950			13,2050					
Certificate	DE000CE6C8M2	USDCH0.918TL OPENZ	EUR	7,4800	7,6800	7,4800			7,6800					
Certificate	DE000CJ3NY20	USDCH0.958TL OPENZ	EUR	3,9850	4,1850	3,5800	1629,0000	2	4,1850	450				
Certificate	DE000CE6C8Z4	USDCH1.028TS OPENZ	EUR	2,3750	2,8200	2,1850	212,5200	2	2,1850	84				
Certificate	DE000CE6CAR8	USDCH1.079TS OPENZ	EUR	6,8200	6,8200	6,6300			6,6300					
Certificate	DE000CV88LV5	USDCH1.119TS OPENZ	EUR	10,2600	10,2600	10,0800			10,0800					
Certificate	NL0012089965	USJPY 100TL OPENH	EUR	11,0600	11,0600	11,0600			11,0600					
Certificate	NL0012520183	USJPY 111TRLOPENH	EUR											
Certificate	NL0012089957	USJPY 101.TL OPENH	EUR	10,2900	10,2900	10,2900			10,2900					
Certificate	NL0012089940	USJPY 102.TL OPENH	EUR	9,5100	9,5100	9,5100			9,5100					
Certificate	NL0012089932	USJPY 103.TL OPENH	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	NL0012089924	USJPY 104.TL OPENH	EUR	7,9600	7,9600	7,9600			7,9600					
Certificate	NL0012911242	USJPY 108.TRLOPENH	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	NL0012919369	USJPY 109.TRLOPENH	EUR	3,2900	3,2900	3,2900			3,2900					
Certificate	NL0012891014	USJPY 110.TRLOPENH	EUR	2,5600	2,5600	2,5600			2,5600					
Certificate	NL0012901987	USJPY 111.TRLOPENH	EUR	1,7600	1,7600	1,7600			1,7600					
Certificate	NL0012520191	USJPY 111.TRLOPENH	EUR											
Certificate	NL0012906416	USJPY 115.TRSOPENH	EUR	1,4300	1,4300	1,4300			1,4300					
Certificate	NL0012901946	USJPY 117.TRSOPENH	EUR	2,9300	2,9300	2,9300			2,9300					
Certificate	NL0010374500	USJPY 99.8TL OPENB	EUR	12,0100	12,0100	12,0100			12,0100					
Certificate	DE000CN6IQN7	USJPY101.3TL OPENZ	EUR	9,1250	9,1250	9,1250			9,1250					
Certificate	NL0012028963	USJPY102.5TL OPENB	EUR	9,9300	9,9300	9,9300			9,9300					
Certificate	NL0012688394	USJPY103.2BL OPENB	EUR	7,9200	7,9200	7,9200			7,9200					
Certificate	NL0012436695	USJPY103.9TRLOPENH	EUR	7,2500	7,2500	7,2500			7,2500					
Certificate	NL0012492995	USJPY105.2BL OPENB	EUR	6,3500	6,3500	6,3500			6,3500					
Certificate	NL0012615298	USJPY105.2TRLOPENH	EUR	6,2200	6,2200	6,2200			6,2200					
Certificate	NL0012785570	USJPY105.6TL OPENB	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	NL0012615256	USJPY106.2TRLOPENH	EUR	5,4500	5,4500	5,4500			5,4500					
Certificate	NL0012615231	USJPY106.7TRLOPENH	EUR	5,0600	5,0600	5,0600			5,0600					
Certificate	NL0012846505	USJPY106.8TRLOPENH	EUR	5,0300	5,0300	5,0300			5,0300					
Certificate	NL0012846471	USJPY106.9TRLOPENH	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	NL0012615215	USJPY107.1TRLOPENH	EUR	4,7500	4,7500	4,7500			4,7500					
Certificate	NL0012790596	USJPY107.2BL OPENB	EUR	4,8000	4,8000	4,8000			4,8000					
Certificate	NL0012615173	USJPY107.3TRLOPENH	EUR	4,6000	4,6000	4,6000			4,6000					
Certificate	NL0012615132	USJPY107.5TRLOPENH	EUR	4,4400	4,4400	4,4400			4,4400					
Certificate	NL0012615090	USJPY107.7TRLOPENH	EUR	4,2900	4,2900	4,2900			4,2900					
Certificate	NL0012089874	USJPY108.2TL OPENH	EUR											
Certificate	NL0012210926	USJPY108.2TRLOPENH	EUR											
Certificate	NL0012092787	USJPY108.3TRLOPENH	EUR											
Certificate	NL0012920623	USJPY108.3TRLOPENH	EUR	3,8300	3,8300	3,8300			3,8300					
Certificate	NL0012206361	USJPY108.3TRLOPENH	EUR											
Certificate	NL0012206353	USJPY108.4TRLOPENH	EUR											
Certificate	NL0012206346	USJPY108.4TRLOPENH	EUR											
Certificate	NL0012092779	USJPY108.5TRLOPENH	EUR											
Certificate	NL0012979827	USJPY108.6TL OPENB	EUR	5,3200	5,3200	5,3200			5,3200					
Certificate	NL0012206338	USJPY108.6TRLOPENH	EUR											
Certificate	NL0012206320	USJPY108.6TRLOPENH	EUR											
Certificate	NL0012911218	USJPY108.6TRLOPENH	EUR	3,6200	3,6200	3,6200			3,6200					
Certificate	NL0012206312	USJPY108.7TRLOPENH	EUR											
Certificate	NL0012919138	USJPY108.8TRLOPENH	EUR	3,4500	3,4500	3,4500			3,4500					
Certificate	NL0012980056	USJPY109.2BL OPENB	EUR	3,2500	3,2500	3,2500			3,2500					



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	NL0012924914	USJPY109.2TRLOPENH	EUR	3,1300	3,1300	3,1300			3,1300					
Certificate	NL0012925564	USJPY109.5TRLOPENH	EUR	2,8900	2,8900	2,8900			2,8900					
Certificate	NL0013082969	USJPY109.7TRLOPENH	EUR	2,8000	2,8000	2,8000			2,8000					
Certificate	NL0012891055	USJPY109.8TRLOPENH	EUR	2,7100	2,7100	2,7100			2,7100					
Certificate	NL0012890974	USJPY110.2TRLOPENH	EUR	2,4000	2,4000	2,4000			2,4000					
Certificate	NL0013081219	USJPY110.3TRLOPENH	EUR	2,3000	2,3000	2,3000			2,3000					
Certificate	NL0012901037	USJPY110.4TRLOPENH	EUR	2,2200	2,2200	2,2200			2,2200					
Certificate	NL0012900997	USJPY110.6TRLOPENH	EUR	2,0700	2,0700	2,0700			2,0700					
Certificate	NL0012520266	USJPY110.6TRLOPENH	EUR											
Certificate	NL0012520241	USJPY110.7TRLOPENH	EUR											
Certificate	NL0012520258	USJPY110.7TRLOPENH	EUR											
Certificate	NL0012901375	USJPY110.7TRLOPENH	EUR	1,9900	1,9900	1,9900			1,9900					
Certificate	NL0012520225	USJPY110.8TRLOPENH	EUR											
Certificate	NL0012901581	USJPY110.8TRLOPENH	EUR	1,9500	1,9500	1,9500			1,9500					
Certificate	NL0012520233	USJPY110.8TRLOPENH	EUR											
Certificate	NL0012520209	USJPY110.9TRLOPENH	EUR											
Certificate	NL0012901995	USJPY110.9TRLOPENH	EUR	1,8700	1,8700	1,8700			1,8700					
Certificate	NL0012520217	USJPY110.9TRLOPENH	EUR											
Certificate	NL0012520167	USJPY111.1TRLOPENH	EUR											
Certificate	NL0012520175	USJPY111.1TRLOPENH	EUR											
Certificate	NL0012903603	USJPY111.1TRLOPENH	EUR	1,6700	1,6700	1,6700			1,6700					
Certificate	NL0012520159	USJPY111.2TRLOPENH	EUR											
Certificate	NL0012903595	USJPY111.2TRLOPENH	EUR	1,6300	1,6300	1,6300			1,6300					
Certificate	NL0012903587	USJPY111.2TRLOPENH	EUR	1,6000	1,6000	1,6000			1,6000					
Certificate	NL0012903561	USJPY111.3TRLOPENH	EUR	1,5200	1,5200	1,5200			1,5200					
Certificate	NL0012903579	USJPY111.3TRLOPENH	EUR	1,5600	1,5600	1,5600			1,5600					
Certificate	NL0012903553	USJPY111.4TRLOPENH	EUR											
Certificate	NL0012903546	USJPY111.4TRLOPENH	EUR											
Certificate	NL0012903520	USJPY111.5TRLOPENH	EUR											
Certificate	NL0012903538	USJPY111.5TRLOPENH	EUR											
Certificate	NL0013128937	USJPY111.7TRLOPENH	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	NL0012209951	USJPY111.8TRLOPENH	EUR											
Certificate	NL0012209944	USJPY111.8TRLOPENH	EUR											
Certificate	NL0012209936	USJPY111.9TRLOPENH	EUR											
Certificate	NL0013082944	USJPY112.9TRLOPENH	EUR											
Certificate	NL0013082936	USJPY113.1TRLOPENH	EUR											
Certificate	NL0013081201	USJPY113.2TRLOPENH	EUR											
Certificate	NL0013081193	USJPY113.3TRLOPENH	EUR											
Certificate	NL0013081185	USJPY113.5TRLOPENH	EUR	0,1900	0,1900	0,1900			0,1900					
Certificate	NL0013081177	USJPY113.6TRLOPENH	EUR	0,3100	0,3100	0,3100			0,3100					
Certificate	NL0013081169	USJPY113.7TRLOPENH	EUR	0,4300	0,4300	0,4300			0,4300					
Certificate	NL0013081151	USJPY113.9TRLOPENH	EUR	0,5400	0,5400	0,5400			0,5400					
Certificate	NL0013079692	USJPY114.1TRLOPENH	EUR	0,6800	0,6800	0,6800			0,6800					
Certificate	NL0013079684	USJPY114.1TRLOPENH	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0013079676	USJPY114.2TRLOPENH	EUR	0,7600	0,7600	0,7600			0,7600					
Certificate	NL0012893093	USJPY114.3TRLOPENH	EUR	0,8200	0,8200	0,8200			0,8200					
Certificate	NL0012904866	USJPY114.5TRLOPENH	EUR	0,9800	0,9800	0,9800			0,9800					
Certificate	NL0013079866	USJPY114.6TRLOPENH	EUR	1,0700	1,0700	1,0700			1,0700					
Certificate	NL0012906424	USJPY114.7TRLOPENH	EUR	1,1500	1,1500	1,1500			1,1500					
Certificate	NL0013078215	USJPY114.8TRLOPENH	EUR	1,2800	1,2800	1,2800			1,2800					
Certificate	NL0012089692	USJPY114.8TS OPENH	EUR	2,1200	2,1200	2,1200			2,1200					
Certificate	NL0012905749	USJPY114.9TRLOPENH	EUR	1,3300	1,3300	1,3300			1,3300					
Certificate	NL0012906200	USJPY115.1TRLOPENH	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	NL0012276687	USJPY115.3BS OPENH	EUR	1,6800	1,6800	1,6800			1,6800					
Certificate	NL0012904858	USJPY115.3TRLOPENH	EUR	1,6400	1,6400	1,6400			1,6400					
Certificate	NL0012906408	USJPY115.4TRLOPENH	EUR	1,7300	1,7300	1,7300			1,7300					
Certificate	NL0012906192	USJPY115.6TRLOPENH	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	NL0012089684	USJPY115.7TS OPENH	EUR	2,8600	2,8600	2,8600			2,8600					
Certificate	NL0013078207	USJPY115.8TRLOPENH	EUR	2,0100	2,0100	2,0100			2,0100					
Certificate	NL0012907414	USJPY115.9TRLOPENH	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	NL0012895783	USJPY116.3TRLOPENH	EUR	2,4200	2,4200	2,4200			2,4200					
Certificate	NL0012036453	USJPY116.5TS OPENH	EUR	4,2400	4,2400	4,2400			4,2400					
Certificate	NL0012089676	USJPY116.7TS OPENH	EUR	3,6000	3,6000	3,6000			3,6000					
Certificate	NL0012904841	USJPY117.6TRLOPENH	EUR	3,3800	3,3800	3,3800			3,3800					
Certificate	NL0012089668	USJPY117.6TS OPENH	EUR	4,3400	4,3400	4,3400			4,3400					
Certificate	NL0012980064	USJPY118.3BS OPENH	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0012906184	USJPY118.4TRLOPENH	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0013085939	USJPY118.4TRLOPENH	EUR	4,0100	4,0100	4,0100			4,0100					
Certificate	NL0012089650	USJPY118.5TS OPENH	EUR	5,0700	5,0700	5,0700			5,0700					
Certificate	NL0012907406	USJPY119.2TRLOPENH	EUR	4,6200	4,6200	4,6200			4,6200					
Certificate	NL0012089643	USJPY119.5TS OPENH	EUR	5,8100	5,8100	5,8100			5,8100					
Certificate	NL0012089635	USJPY120.4TS OPENH	EUR	6,5500	6,5500	6,5500			6,5500					



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	DE000CR6YA82	USJPY121.2TS OPENZ	EUR	6,3100	6,3100	6,1800			6,1800					
Certificate	NL0013003544	USJPY121.38S OPENB	EUR	6,3300	6,3300	6,3300			6,3300					
Certificate	NL0012089627	USJPY121.4TS OPENH	EUR	7,2900	7,2900	7,2900			7,2900					
Certificate	NL0012981591	USJPY121.5TS OPENB	EUR	8,1200	8,1200	8,1200			8,1200					
Certificate	NL0012089619	USJPY122.3TS OPENH	EUR	8,0200	8,0200	8,0200			8,0200					
Certificate	NL0012581318	USJPY94.09TL OPENH	EUR	15,6100	15,6100	15,6100			15,6100					
Certificate	DE000CN6KZL0	USJPY95.25TL OPENZ	EUR	13,8200	13,9800	13,8200			13,9800					
Certificate	NL0012089981	USJPY97.18TL OPENH	EUR	13,2300	13,2300	13,2300			13,2300					
Certificate	DE000CN6KWF9	USJPY97.26TL OPENZ	EUR	12,2700	12,4300	12,2700			12,4300					
Certificate	NL0012089973	USJPY98.99TL OPENH	EUR	11,8400	11,8400	11,8400			11,8400					
Certificate	NL0011232863	USJPY99.25TL OPENH	EUR	12,0200	12,0200	12,0200			12,0200					
Certificate	DE000CN6JQP2	USJPY99.31TL OPENZ	EUR	10,6800	10,8400	10,6800			10,8400					
Certificate	DE000CJ3PSM5	UU 6.72TL OPENZ	EUR	0,3500	0,3500	0,3500			0,3500					
Certificate	DE000CV507U4	UU 4.715TL OPENZ	EUR	1,4900	1,4900	1,4900			1,4900					
Certificate	DE000CE6F694	UU 5.723TL OPENZ	EUR	0,9100	0,9100	0,9100			0,9100					
Certificate	DE000CV8ATK2	VALE 10.64TL OPENZ	EUR	4,6050	4,6050	4,6050			4,6050					
Certificate	DE000CJ3NLO9	VALE 12.75TL OPENZ	EUR	2,8350	2,8350	2,8350			2,8350					
Certificate	DE000CJ3NS28	VALE 14.24TL OPENZ	EUR											
Certificate	DE000CJ3PPV2	VALEO17.87TL OPENZ	EUR	1,1000	1,1000	1,1000			1,1000					
Certificate	DE000CJ3PFY7	VALEO20.37TL OPENZ	EUR	0,8600	0,8600	0,8600			0,8600					
Certificate	DE000CJ3PRA2	VALEO23.37TL OPENZ	EUR	0,5600	0,5600	0,5600			0,5600					
Certificate	DE000CV88DC1	VALEO23.38TL OPENZ	EUR											
Certificate	DE000CJ3PVA4	VALEO26.37TL OPENZ	EUR	0,2700	0,2700	0,2700			0,2700					
Certificate	DE000CV8AHF7	VALEO28.41TL OPENZ	EUR											
Certificate	NL0012935514	VALOU 5.4TS OPENH	EUR											
Certificate	NL0012865042	VALOU 5.8TS OPENH	EUR											
Certificate	NL0012243364	VALOU 6.6TS OPENH	EUR											
Certificate	NL0011807490	VALOU 2.88TL OPENB	EUR	1,7400	1,7400	1,5400			1,5400					
Certificate	DE000CN6K966	VALOU 2.97TL OPENZ	EUR	0,5600	0,5900	0,5050	295,0000	1	0,5050	500				
Certificate	NL0011891585	VALOU 3.02TL OPENH	EUR											
Certificate	NL0013017148	VALOU 3.13TL OPENB	EUR	1,5000	1,5000	1,3000			1,3000					
Certificate	NL0013017155	VALOU 3.38TL OPENB	EUR	1,2700	1,2700	1,0700			1,0700					
Certificate	DE000CV87LK0	VALOU 3.54TL OPENZ	EUR	0,2000	0,2000	0,1600	400,0000	1	0,1600	2000				
Certificate	NL0013017163	VALOU 3.63TL OPENB	EUR	1,0400	1,0400	0,8400			0,8400					
Certificate	NL0013126584	VALOU 3.73TL OPENH	EUR											
Certificate	NL0013146053	VALOU 3.88TL OPENB	EUR	0,8200	0,8200	0,6200			0,6200					
Certificate	NL0013126576	VALOU 4.12TS OPENH	EUR											
Certificate	NL0013017387	VALOU 4.19TS OPENB	EUR											
Certificate	NL0013128556	VALOU 4.41TS OPENH	EUR											
Certificate	NL0013015787	VALOU 4.69TS OPENB	EUR	0,8800	1,0700	0,8800			1,0700					
Certificate	NL0013006034	VALOU 5.19TS OPENB	EUR	1,4300	1,6200	1,4300			1,6200					
Certificate	NL0012986467	VALOU 5.68TS OPENB	EUR	1,9800	2,1700	1,9800			2,1700					
Certificate	NL0012245013	VALOU 6.21TS OPENH	EUR											
Certificate	NL0012172456	VALOU 6.56TS OPENH	EUR											
Certificate	NL0012212104	VALOU 6.59TS OPENH	EUR											
Certificate	DE000CV8AU1	VASTN 21.7TL OPENZ	EUR	2,8450	2,8450	2,8450			2,8450					
Certificate	DE000CV88CW1	VASTN19.56TL OPENZ	EUR	3,2550	3,2550	3,2550			3,2550					
Certificate	DE000CV8B9G5	VASTN23.81TL OPENZ	EUR	2,4450	2,4450	2,4450			2,4450					
Certificate	DE000CE6CSV9	VASTN25.95TL OPENZ	EUR	2,0350	2,0350	2,0350			2,0350					
Certificate	NL0012999411	VASTN27.03TL OPENB	EUR	1,9900	1,9900	1,9600			1,9600					
Certificate	NL0012999429	VASTN29.04TL OPENB	EUR	1,6200	1,6200	1,5800			1,5800					
Certificate	DE000CE6C4C2	VASTN29.61TL OPENZ	EUR	1,3700	1,3700	1,3350	219,2000	1	1,3350	160				
Certificate	NL0012999437	VASTN31.04TL OPENB	EUR	1,2500	1,2500	1,2100	2480,0000	2	1,2100	2000				
Certificate	DE000CJ3PFM2	VASTN32.11TL OPENZ	EUR	0,8550	0,8550	0,8550			0,8550					
Certificate	NL0013146061	VASTN33.04TL OPENB	EUR	0,8800	0,8800	0,8400			0,8400					
Certificate	NL0012999452	VASTN37.93TS OPENB	EUR	1,1700	1,2000	1,1700			1,2000					
Certificate	NL0013006042	VASTN41.98TS OPENB	EUR	2,0400	2,0800	2,0400			2,0800					
Certificate	NL0012120760	VEOLI 15TL OPENB	EUR	4,2350	4,2350	3,6450			3,6450					
Certificate	NL0013146079	VEOLI 17TL OPENB	EUR	2,3450	2,3450	1,7550			1,7550					
Certificate	NL0012700942	VEOLI 21TS OPENB	EUR	4,5650	5,1350	4,5650			5,1350					
Certificate	NL0010442836	VEOLI 5.7TL OPENB	EUR	12,3250	12,3250	12,3250			12,3250					
Certificate	NL0010905683	VEOLI 11.2TL OPENB	EUR	7,7750	7,7750	7,1850			7,1850					
Certificate	NL0013002587	VEOLI 17.9TS OPENB	EUR											
Certificate	DE000CJ3PAJ9	VEOLI10.91TL OPENZ	EUR	1,3900	1,4400	1,3350	19810,0000	2	1,3350	14000				
Certificate	DE000CV88210	VEOLI12.92TL OPENZ	EUR	0,9350	0,9350	0,9350			0,9350					
Certificate	DE000CV4ZRL0	VEOLI14.92TL OPENZ	EUR	0,5350	0,5350	0,5350			0,5350					
Certificate	NL0010895082	VESTA164.3TL OPENB	EUR	3,8050	3,8050	3,8050			3,8050					
Certificate	DE000CV4YTR6	VESTA281.2TL OPENZ	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	NL0012509533	VESTA316.4TL OPENB	EUR	2,0250	2,0250	2,0250			2,0250					
Certificate	DE000CE6FJ19	VESTA321.1TL OPENZ	EUR	1,2150	1,2150	1,2150			1,2150					
Certificate	NL0012511919	VESTA341.7TL OPENB	EUR	1,7350	1,7350	1,7350			1,7350					
Certificate	DE000CV4Z019	VESTA365.8TL OPENZ	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	NL0012264451	VESTA609.2TS OPENB	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	NL0000691046	VIETN PI OPENN	EUR	6,0000	6,0000	5,9900			5,9900					
Certificate	NL0011249156	VINCI 44.3TL OPENB	EUR	38,5700	38,5700	37,0100			37,0100					
Certificate	NL0012034953	VINCI 49.5TL OPENB	EUR	33,7700	33,7700	32,2100			32,2100					
Certificate	DE000CE6CCB8	VINCI 59.7TL OPENZ	EUR	1,8450	1,8450	1,8450			1,8450					
Certificate	NL0012115695	VINCI 64.9TL OPENB	EUR	19,4700	19,4700	17,9100			17,9100					
Certificate	NL0012259733	VINCI 71.6TL OPENB	EUR	13,2700	13,2700	11,7100			11,7100					
Certificate	NL0013018211	VINCI 79.5TS OPENB	EUR											
Certificate	NL0012995260	VINCI 84.5TS OPENB	EUR	12,3100	13,8300	12,3100			13,8300					
Certificate	NL0012792014	VINCI 89.4TS OPENB	EUR	17,5700	19,0900	17,5700			19,0900					
Certificate	DE000CV8AY55	VINCI49.64TL OPENZ	EUR	2,8450	2,8450	2,8450			2,8450					
Certificate	DE000CE6CCX2	VINCI67.67TL OPENZ	EUR	1,0450	1,0450	1,0450			1,0450					
Certificate	DE000CJ3PLQ1	VINCI74.65TL OPENZ	EUR	0,5300	0,5300	0,3550	1016,0000	6	0,3550	2350				
Certificate	NL0012494447	VIVEN 20TL OPENB	EUR	3,1950	3,3250	3,1950			3,3250					
Certificate	NL0011900642	VIVEN 14.9TL OPENB	EUR	7,9450	8,0750	7,9450			8,0750					
Certificate	NL0012260178	VIVEN 17.4TL OPENB	EUR	5,5650	5,6950	5,5650			5,6950					
Certificate	NL0012536833	VIVEN 24.1TS OPENH	EUR	0,5100	0,5100	0,4900			0,4900					
Certificate	NL0012699748	VIVEN 24.4TS OPENB	EUR	4,6850	4,6850	4,5350			4,5350					
Certificate	NL0011226519	VIVEN13.06TL OPENH	EUR	0,9900	1,0000	0,9900			1,0000					
Certificate	DE000CNG6MU7	VIVEN13.71TL OPENZ	EUR	7,9600	8,2350	7,9600			8,2350					
Certificate	DE000CD61L97	VIVEN15.19TL OPENZ	EUR	6,4800	6,7600	6,4800			6,7600					
Certificate	NL0012237630	VIVEN15.96TL OPENH	EUR	0,7200	0,7400	0,7200			0,7400					
Certificate	NL0012214720	VIVEN16.98TL OPENH	EUR	0,6300	0,6400	0,6300			0,6400					
Certificate	NL0012214712	VIVEN17.49TL OPENH	EUR	0,5800	0,6000	0,5800			0,6000					
Certificate	NL0012245005	VIVEN18.01TL OPENH	EUR	0,5400	0,5500	0,5400			0,5500					
Certificate	DE000CE6D9M9	VIVEN18.17TL OPENZ	EUR	3,8050	3,8050	3,8050			3,8050					
Certificate	NL0011995899	VIVEN18.98TL OPENH	EUR											
Certificate	NL0012437776	VIVEN19.51TL OPENH	EUR	0,4000	0,4100	0,4000			0,4100					
Certificate	NL0012439764	VIVEN19.53TL OPENH	EUR	0,4000	0,4100	0,4000			0,4100					
Certificate	NL0012593578	VIVEN20.43TL OPENH	EUR	0,3200	0,3300	0,3200			0,3300					
Certificate	NL0013127640	VIVEN21.16TL OPENH	EUR	0,2500	0,2600	0,2500			0,2600					
Certificate	NL0013127632	VIVEN22.14TS OPENH	EUR	0,2900	0,2900	0,2900			0,2900					
Certificate	NL0012934293	VIVEN22.78TS OPENH	EUR	0,3600	0,3600	0,3500			0,3500					
Certificate	NL0012909816	VIVEN23.12TS OPENH	EUR	0,4000	0,4000	0,3800			0,3800					
Certificate	NL0012561070	VIVEN23.31TS OPENH	EUR	0,4200	0,4200	0,4100			0,4100					
Certificate	NL0012311120	VIVEN24.73TS OPENH	EUR	0,5800	0,5800	0,5600			0,5600					
Certificate	NL0013085459	VIVEN25.95TS OPENH	EUR	0,7100	0,7100	0,7000			0,7000					
Certificate	NL0012556419	VIVEN26.24TS OPENH	EUR	0,7500	0,7500	0,7300			0,7300					
Certificate	NL0012545735	VIVEN26.62TS OPENH	EUR	0,7900	0,7900	0,7700			0,7700					
Certificate	NL0012526230	VIVEN26.98TS OPENH	EUR	0,8300	0,8300	0,8100			0,8100					
Certificate	NL0012536825	VIVEN27.03TS OPENH	EUR	0,8300	0,8300	0,8200			0,8200					
Certificate	NL0012556401	VIVEN29.18TS OPENH	EUR	1,0700	1,0700	1,0600			1,0600					
Certificate	NL0011226451	VIVEN30.37TS OPENH	EUR	1,2000	1,2000	1,1900			1,1900					
Certificate	DE000CE6CDZ5	VIX LEVOPENZ	EUR	4,7360	4,9810	4,7360			4,9810					
Certificate	DE000CE6CE09	VIX SHROPENZ	EUR	5,5250	5,5250	5,2800			5,2800					
Certificate	DE000CV4ZTM4	VIX 9.8TL OPENZ	EUR	8,8300	9,6700	8,8300			9,6700					
Certificate	DE000CV88TA2	VIX 22.8TS OPENZ	EUR											
Certificate	NL0011911714	VIX 40.6TS OPENB	EUR	22,9400	22,9800	21,9200	24599,7500	2	21,9200	1075				
Certificate	DE000CV4Z2F8	VIX 5.89TL OPENZ	EUR	11,8700	12,8300	11,8700			12,8300					
Certificate	DE000CV4YUR4	VIX 6.47TL OPENZ	EUR	11,6000	12,4400	11,6000			12,4400					
Certificate	NL0012682025	VIX 6.51TL OPENB	EUR	11,6500	12,4800	11,6500	466,0000	1	12,4800	40				
Certificate	NL0010289385	VIX 60.9TS OPENB	EUR	41,7800	41,7800	41,7800			41,7800					
Certificate	DE000CV4YUQ6	VIX 7.03TL OPENZ	EUR	11,1350	11,9800	11,1350			11,9800					
Certificate	DE000CE6FNT0	VIX 7.59TL OPENZ	EUR	10,6700	11,5200	10,6700			11,5200					
Certificate	NL0010129144	VIX 73.1TS OPENB	EUR	53,6300	53,6300	53,6300			53,6300					
Certificate	DE000CE6F4E5	VIX 8.17TL OPENZ	EUR	10,1900	11,0300	10,1900			11,0300					
Certificate	NL0013002694	VIX 8.53TL OPENB	EUR	10,8600	10,8600	10,8600			10,8600					
Certificate	DE000CE6F4D7	VIX 8.72TL OPENZ	EUR	9,7300	10,5700	9,7300			10,5700					
Certificate	NL0013002702	VIX 9.04TL OPENB	EUR	10,4600	10,4600	10,4600			10,4600					
Certificate	DE000CV4ZTL6	VIX 9.25TL OPENZ	EUR	9,2900	10,1300	9,2900			10,1300					
Certificate	NL0012682512	VIX 9.54TL OPENB	EUR	9,0900	10,0500	9,0000	7236,0000	3	10,0500	800				
Certificate	NL0013002710	VIX 10.04TL OPENB	EUR	9,6600	9,6600	9,6600			9,6600					
Certificate	NL0013005275	VIX 10.53TL OPENB	EUR	9,2600	9,2600	9,2600			9,2600					
Certificate	NL0013006349	VIX 11.04TL OPENB	EUR	8,8600	8,8600	8,8600			8,8600					
Certificate	NL0013006356	VIX 11.53TL OPENB	EUR	8,4600	8,4600	8,4600			8,4600					
Certificate	DE000CV87KZ0	VIX 11.97TL OPENZ	EUR	7,0150	7,8500	6,7450	675,0000	1	7,8500	100				
Certificate	NL0013011067	VIX 12.52TL OPENB	EUR	7,6600	7,6600	7,6600			7,6600					
Certificate	NL0009261692	VIX 127.4TS OPENB	EUR	10,6650	10,6650	10,6650			10,6650					
Certificate	NL0013011075	VIX 13.52TL OPENB	EUR	6,8600	6,8600	6,8600			6,8600					
Certificate	NL0012793954	VIX 13.62TL OPENB	EUR											
Certificate	NL0013011083	VIX 14.52TL OPENB	EUR	5,3000	6,0700	5,2600	721,0000	2	6,0700	130				
Certificate	DE000CJ3N416	VIX 14.97TL OPENZ	EUR	4,4700	5,3000	4,4700			5,3000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013011091	VIX 15.52TL OPENB	EUR	5,2700	5,2700	5,2700			5,2700					
Certificate	NL0006518987	VIX 153.47S OPENB	EUR	13,1950	13,1950	13,1950			13,1950					
Certificate	NL0013011109	VIX 16.02TL OPENB	EUR	4,8700	4,8700	4,8700			4,8700					
Certificate	NL0013011117	VIX 16.52TL OPENB	EUR	4,4800	4,4800	4,4800			4,4800					
Certificate	NL0006518995	VIX 161.67S OPENB	EUR	13,9950	13,9950	13,9950			13,9950					
Certificate	NL0013013972	VIX 17.02TL OPENB	EUR	4,0800	4,0800	4,0800			4,0800					
Certificate	NL0013013980	VIX 17.52TL OPENB	EUR	3,6800	3,6800	3,6800			3,6800					
Certificate	DE000CJ3PL98	VIX 17.97TL OPENZ	EUR	1,9400	2,8200	1,9400			2,8200					
Certificate	NL0013015084	VIX 18.02TL OPENB	EUR	2,3000	3,2800	2,0500	435,0000	2	3,2800	200				
Certificate	NL0013015092	VIX 18.52TL OPENB	EUR	1,9500	2,8900	1,9100	215,0000	2	2,8900	100				
Certificate	NL0013002751	VIX 18.89TS OPENB	EUR											
Certificate	NL0013016777	VIX 19.02TL OPENB	EUR											
Certificate	NL0013018526	VIX 19.52TL OPENB	EUR											
Certificate	NL0013018534	VIX 20.02TL OPENB	EUR											
Certificate	NL0013145428	VIX 21.99TS OPENB	EUR	3,7800	3,7800	3,7800			3,7800					
Certificate	NL0012789614	VIX 22.89TS OPENB	EUR											
Certificate	NL0013018542	VIX 23.99TS OPENB	EUR	5,7300	5,7300	5,7300			5,7300					
Certificate	NL0012688055	VIX 25.99TS OPENB	EUR	8,5900	8,5900	7,6600	9187,2000	2	7,6600	1080				
Certificate	DE000CV87L38	VIX 26.57TS OPENZ	EUR	14,6450	14,6450	13,9000			13,9000					
Certificate	NL0012684039	VIX 29.93TS OPENB	EUR	11,5100	11,5100	11,5100			11,5100					
Certificate	DE000CV87L46	VIX 30.32TS OPENZ	EUR	19,0200	19,0200	18,2900			18,2900					
Certificate	DE000CD61XR3	VIX 34.08TS OPENZ	EUR	23,4150	23,4150	22,7000			22,7000					
Certificate	NL0011911706	VIX 35.81TS OPENB	EUR	17,2400	17,2400	17,2400			17,2400					
Certificate	DE000CD61XQ5	VIX 37.71TS OPENZ	EUR	27,6500	27,6500	26,9500			26,9500					
Certificate	DE000CD61XP7	VIX 41.34TS OPENZ	EUR	31,8900	31,8900	31,2000			31,2000					
Certificate	DE000CN6IVU2	VIX 44.97TS OPENZ	EUR	36,1200	36,1200	35,4400			35,4400					
Certificate	DE000CR4HP62	VIX 49.29TS OPENZ	EUR	41,1750	41,1750	40,5200			40,5200					
Certificate	DE000CN6EQ87	VIX 53.57TS OPENZ	EUR	46,1650	46,1650	45,5200			45,5200					
Certificate	DE000CN6EQ95	VIX 57.84TS OPENZ	EUR	51,1500	51,1500	50,5200			50,5200					
Certificate	DE000CE6CR12	VLAN 15.11TL OPENZ	EUR	1,5750	1,5750	1,5750			1,5750					
Certificate	DE000CE6CR04	VLAN 17.24TL OPENZ	EUR	1,2200	1,2200	1,1600	476,0000	2	1,1650	400				
Certificate	DE000CE6CNL4	VLAN 19.36TL OPENZ	EUR	0,8200	0,8200	0,7200	645,5000	6	0,7750	845				
Certificate	NL0006475295	VODAF 11TL OPENB	EUR	1,5550	1,5550	1,5550			1,5550					
Certificate	DE000CJ3PNY1	VODAF 1.16TL OPENZ	EUR	0,3950	0,3950	0,3950			0,3950					
Certificate	DE000CJ3PMA3	VODAF 1.59TS OPENZ	EUR	0,1050	0,1050	0,1050			0,1050					
Certificate	DE000CV8AL46	VODAF 1.99TS OPENZ	EUR	0,5650	0,5650	0,5650			0,5650					
Certificate	DE000CV8B5B4	VODAF1.061TL OPENZ	EUR	0,5050	0,5050	0,5050			0,5050					
Certificate	DE000CV8AHU6	VODAF1.265TL OPENZ	EUR	0,2750	0,2750	0,2750			0,2750					
Certificate	DE000CJ3NNG3	VODAF1.367TL OPENZ	EUR	0,1650	0,1650	0,1650			0,1650					
Certificate	DE000CV8B854	VODAF1.794TS OPENZ	EUR	0,3450	0,3450	0,3450			0,3450					
Certificate	DE000CV8AHV4	VODAF2.189TS OPENZ	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	DE000CV8AHW2	VODAF2.389TS OPENZ	EUR	1,0150	1,0150	1,0150			1,0150					
Certificate	DE000CE6CBC8	VOLVB104.8TL OPENZ	EUR	0,6700	0,6700	0,6700			0,6700					
Certificate	DE000CE6CCJ1	VOLVB118.8TL OPENZ	EUR	0,4000	0,4000	0,4000			0,4000					
Certificate	DE000CJ3PAZ5	VOLVB89.72TL OPENZ	EUR	0,9600	0,9600	0,9600			0,9600					
Certificate	DE000CN6FX46	VONOV23.29TL OPENZ	EUR	17,4800	17,4800	16,7200			16,7200					
Certificate	DE000CN6JY66	VONOV25.82TL OPENZ	EUR	14,9500	14,9500	14,2000			14,2000					
Certificate	DE000CD64CT7	VONOV29.29TL OPENZ	EUR	11,4800	11,4800	10,7300			10,7300					
Certificate	DE000CE6DC83	VONOV33.26TL OPENZ	EUR	1,3500	1,3500	1,3500			1,3500					
Certificate	DE000CQ5A3P3	VOPAK 28TL OPENC	EUR	1,3100	1,3100	1,3100			1,3100					
Certificate	DE000CQ5A3N8	VOPAK 30TL OPENC	EUR	1,1100	1,1100	1,1100			1,1100					
Certificate	NL0011430426	VOPAK 32TL OPENB	EUR	11,5300	11,5300	11,4100			11,4100					
Certificate	DE000CY16LA4	VOPAK 32TL OPENC	EUR	9,6600	9,6600	9,6600			9,6600					
Certificate	DE000CQ5A3M0	VOPAK 35TL OPENC	EUR	0,6100	0,6100	0,6100			0,6100					
Certificate	NL0013018179	VOPAK 41TS OPENB	EUR	6,8900	7,0000	6,8900			7,0000					
Certificate	DE000CQ5A3Q1	VOPAK 50TS OPENC	EUR	0,9000	0,9000	0,9000			0,9000					
Certificate	DE000CY16LD8	VOPAK 50TS OPENC	EUR	7,1500	7,1500	7,1500			7,1500					
Certificate	NL0011715495	VOPAK 50TS OPENH	EUR	17,3800	17,3800	17,3800			17,3800					
Certificate	NL0009263870	VOPAK 20.7TL OPENB	EUR	43,0300	43,0300	43,0300			43,0300					
Certificate	NL0010764205	VOPAK 29.4TL OPENB	EUR	13,8400	13,8400	13,7300			13,7300					
Certificate	NL0012689624	VOPAK 35.6TL OPENB	EUR	8,3200	8,3200	8,2000			8,2000					
Certificate	NL0012783344	VOPAK 37.6TL OPENB	EUR	6,6100	6,7500	6,4900	675,0000	1	6,4900	100				
Certificate	NL0013004773	VOPAK 43.28S OPENB	EUR	3,8200	3,9300	3,8200			3,9300					
Certificate	NL0011093018	VOPAK 45.1TS OPENB	EUR	11,6100	11,7200	11,6100			11,7200					
Certificate	NL0011733928	VOPAK 49.3TS OPENH	EUR	16,5700	16,5700	16,5700			16,5700					
Certificate	NL0011740048	VOPAK 49.4TS OPENH	EUR	16,6900	16,6900	16,6900			16,6900					
Certificate	NL0012987416	VOPAK 49.6TS OPENB	EUR	16,7500	16,8600	16,7500			16,8600					
Certificate	NL0011409990	VOPAK15.91TL OPENH	EUR	25,8000	25,8000	25,8000			25,8000					
Certificate	NL0011409974	VOPAK24.32TL OPENH	EUR	18,3200	18,3200	18,3200			18,3200					
Certificate	DE000CE6EK17	VOPAK27.19TL OPENZ	EUR											
Certificate	NL0011409966	VOPAK28.53TL OPENH	EUR	14,5800	14,5800	14,5800			14,5800					
Certificate	DE000CR9RS05	VOPAK29.71TL OPENZ	EUR	2,1350	2,1350	2,1350			2,1350					



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	NL0012490288	VOPAK31.53BL OPENB	EUR	9,0300	9,0300	8,9100			8,9100					
Certificate	NL0011409941	VOPAK31.68TL OPENH	EUR	11,7700	11,7700	11,7700			11,7700					
Certificate	DE000CR9RLZ5	VOPAK32.19TL OPENZ	EUR	1,6450	1,6450	1,6450			1,6450					
Certificate	LU1650853960	VOPAK32.56TCIOPENS	EUR	8,2300	8,2300	8,2300			8,2300					
Certificate	DE000CV87HS1	VOPAK34.17TL OPENZ	EUR											
Certificate	NL0013018385	VOPAK34.61BL OPENB	EUR	5,9500	5,9500	5,8300			5,8300					
Certificate	NL0012581417	VOPAK35.25TL OPENH	EUR	8,6000	8,6000	8,6000			8,6000					
Certificate	NL0012689962	VOPAK36.11BL OPENB	EUR	4,4500	4,4500	4,3300			4,3300					
Certificate	DE000CV87HT9	VOPAK36.17TL OPENZ	EUR	0,8200	0,9100	0,7800	3442,0000	5	0,7800	3950				
Certificate	NL0012581409	VOPAK36.26TL OPENH	EUR	7,7000	7,7000	7,7000			7,7000					
Certificate	LU1697025788	VOPAK36.88TCIOPENS	EUR	4,1000	4,1000	4,1000			4,1000					
Certificate	NL0012598874	VOPAK37.24TL OPENH	EUR	6,8400	6,8400	6,8400			6,8400					
Certificate	NL0013008733	VOPAK37.63BL OPENB	EUR	2,9300	2,9300	2,8100			2,8100					
Certificate	DE000CV88024	VOPAK38.16TL OPENZ	EUR	0,4800	0,5100	0,3800	3230,0000	5	0,4200	6750				
Certificate	LU1840981481	VOPAK38.65TCIOPENS	EUR	1,9800	1,9800	1,9800			1,9800					
Certificate	NL0013127657	VOPAK39.06TL OPENH	EUR	5,2200	5,2200	5,2200			5,2200					
Certificate	NL0012889828	VOPAK39.08TL OPENH	EUR											
Certificate	NL0013018476	VOPAK40.71BS OPENB	EUR	1,3300	1,4400	1,3300			1,4400					
Certificate	LU1840979741	VOPAK42.71TPIOPENS	EUR	3,5500	3,5500	3,5500			3,5500					
Certificate	NL0012902498	VOPAK43.47TS OPENH	EUR	9,9100	9,9100	9,9100			9,9100					
Certificate	NL0011742911	VOPAK45.67TS OPENH	EUR	12,4200	12,4200	12,4200			12,4200					
Certificate	NL0012783591	VOPAK45.69BS OPENB	EUR	6,3100	6,4200	6,3100			6,4200					
Certificate	LU1790699976	VOPAK45.75TPIOPENS	EUR	6,3100	6,3100	6,3100			6,3100					
Certificate	NL0011894852	VOPAK45.79TS OPENH	EUR	12,5600	12,5600	12,5600			12,5600					
Certificate	NL0011715503	VOPAK46.25TS OPENH	EUR	13,0900	13,0900	13,0900			13,0900					
Certificate	DE000CN6KQC8	VOPAK46.66TS OPENZ	EUR	1,3350	1,3350	1,3350			1,3350					
Certificate	LU1817099283	VOPAK46.98TPIOPENS	EUR	7,6100	7,6100	7,6100			7,6100					
Certificate	NL0012969570	VOPAK48.16BS OPENB	EUR	8,7800	8,8900	8,7800			8,8900					
Certificate	NL0012894729	VOPAK48.81TS OPENH	EUR	16,0100	16,0100	16,0100			16,0100					
Certificate	NL0011935291	VOPAK49.69TS OPENH	EUR	17,0200	17,0200	17,0200			17,0200					
Certificate	DE000CV88FR5	VOPAK52.69TS OPENZ	EUR											
Certificate	NL0012891907	VOPAK55.76TS OPENH	EUR	23,9500	23,9500	23,9500			23,9500					
Certificate	NL0011437843	VOW 72TL OPENB	EUR	9,2650	9,2650	8,7650			8,7650					
Certificate	DE000CW425W4	VOW 85TL OPENC	EUR	3,1700	3,1700	3,1700			3,1700					
Certificate	DE000CW42HM7	VOW 85TL OPENC	EUR	3,1900	3,1900	3,1900			3,1900					
Certificate	DE000CW42HJ3	VOW 90TL OPENC	EUR	2,9100	2,9100	2,9100			2,9100					
Certificate	DE000CX0H9C2	VOW 90TL OPENC	EUR	6,1500	6,1500	6,1500			6,1500					
Certificate	DE000CX0J274	VOW 90TL OPENC	EUR	5,8600	5,8600	5,8600			5,8600					
Certificate	NL0011649744	VOW 93TL OPENB	EUR	7,3050	7,3050	6,8050			6,8050					
Certificate	DE000CX00200	VOW 100TL OPENC	EUR	4,9100	4,9100	4,9100			4,9100					
Certificate	DE000CX59HE6	VOW 110TL OPENC	EUR	4,1600	4,1600	4,1600			4,1600					
Certificate	DE000CX59D30	VOW 110TL OPENC	EUR	4,4600	4,4600	4,4600			4,4600					
Certificate	DE000CP07CD4	VOW 120TL OPENC	EUR	3,7900	3,7900	3,7900			3,7900					
Certificate	DE000CP06YR0	VOW 120TL OPENC	EUR	3,4400	3,4400	3,4400			3,4400					
Certificate	DE000CY52ZW3	VOW 130TL OPENC	EUR	2,4600	2,4600	2,4600			2,4600					
Certificate	DE000CY52ZX1	VOW 140TL OPENC	EUR	1,4600	1,4600	1,4600			1,4600					
Certificate	DE000CY520E8	VOW 140TL OPENC	EUR											
Certificate	DE000VA8FZW5	VOW 141TS OPENV	EUR											
Certificate	DE000CP06YT6	VOW 150TS OPENC	EUR											
Certificate	DE000CP07CF9	VOW 150TS OPENC	EUR											
Certificate	DE000CP06YU4	VOW 155TS OPENC	EUR											
Certificate	DE000CP06YV2	VOW 160TS OPENC	EUR											
Certificate	DE000CP07CG7	VOW 160TS OPENC	EUR	1,0100	1,0100	1,0100			1,0100					
Certificate	DE000CY52ZY9	VOW 165TS OPENC	EUR	1,0900	1,0900	1,0900			1,0900					
Certificate	DE000CY52Z26	VOW 170TS OPENC	EUR	1,5900	1,5900	1,5900			1,5900					
Certificate	DE000CQ5A2L4	VOW 190TS OPENC	EUR	2,1200	2,5400	2,1100	246402,7600	35	2,5400	112312				
Certificate	NL0012531537	VOW 192TS OPENH	EUR	8,0300	8,5700	8,0300			8,5700					
Certificate	DE000CY52K45	VOW 200TS OPENC	EUR	3,4100	3,4100	3,4100			3,4100					
Certificate	DE000CY52NM0	VOW 200TS OPENC	EUR	4,0000	4,0000	4,0000			4,0000					
Certificate	DE000CD62346	VOW 111.TL OPENZ	EUR	4,2250	4,3450	4,2250			4,3450					
Certificate	DE000VA80FW6	VOW 141.TL OPENV	EUR											
Certificate	DE000VA80FX4	VOW 146.TL OPENV	EUR											
Certificate	DE000VA8FT70	VOW 146.TS OPENV	EUR											
Certificate	NL0011410022	VOW 64.3TL OPENH	EUR	10,6400	10,6400	10,1100			10,1100					
Certificate	NL0011410006	VOW 76.6TL OPENH	EUR	9,6100	9,6100	9,0800			9,0800					
Certificate	NL0011433701	VOW 77.3TL OPENB	EUR	8,7550	8,7550	8,2650			8,2650					
Certificate	NL0011435573	VOW 82.5TL OPENB	EUR	8,2750	8,2750	7,7750			7,7750					
Certificate	NL0011438429	VOW 87.8TL OPENB	EUR	7,7950	7,7950	7,2950			7,2950					
Certificate	NL0011656145	VOW 98.2TL OPENB	EUR	6,8250	6,8250	6,3250			6,3250					
Certificate	NL0011729769	VOW 98.4TL OPENH	EUR	7,7900	7,7900	7,2600			7,2600					
Certificate	DE000CN6JUD0	VOW 99.9TL OPENZ	EUR	5,3350	5,4550	5,3350			5,4550					
Certificate	NL0011896717	VOW 102.9TL OPENH	EUR	7,4200	7,4200	6,8900			6,8900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0011906839	VOW 103.3TL OPENB	EUR	6,3450	6,3450	5,8450			5,8450					
Certificate	DE000CN6K974	VOW 104.9TL OPENZ	EUR	4,8350	4,9550	4,8350			4,9550					
Certificate	NL0013016546	VOW 105.4BL OPENB	EUR	5,5850	5,5850	5,0850			5,0850					
Certificate	NL0011906847	VOW 108.5TL OPENB	EUR	5,8550	5,8550	5,3650			5,3650					
Certificate	DE000VA8FZX3	VOW 110.9TL OPENV	EUR	4,3850	4,3850	4,3850			4,3850					
Certificate	NL0011996384	VOW 113.2TL OPENH	EUR	6,5600	6,5600	6,0300			6,0300					
Certificate	NL0012034979	VOW 113.6TL OPENB	EUR	5,3850	5,3850	4,8850	1539,0000	1	4,8850	300				
Certificate	NL0013007644	VOW 115.4BL OPENB	EUR	4,5850	4,5850	4,0850			4,0850					
Certificate	DE000VA7TG70	VOW 115.9TL OPENV	EUR	3,8750	3,8750	3,8750			3,8750					
Certificate	NL0012038848	VOW 118.7TL OPENB	EUR	4,9150	4,9150	4,4150			4,4150					
Certificate	DE000CD640T7	VOW 121.8TL OPENZ	EUR	3,1450	3,6600	3,1450	1073,0000	2	3,2650	300				
Certificate	NL0012051833	VOW 122.8TL OPENH	EUR	5,7600	5,7600	5,2300			5,2300					
Certificate	NL0012492938	VOW 123.8TL OPENB	EUR	4,4250	4,4250	3,9450	30323,4700	8	3,9450	7069				
Certificate	NL0012998686	VOW 125.4BL OPENB	EUR	3,5650	3,5650	3,0750			3,0750					
Certificate	DE000VA64YA7	VOW 125.8TL OPENV	EUR	2,8850	2,8850	2,8850			2,8850					
Certificate	NL0012495295	VOW 128.9TL OPENB	EUR	3,9450	3,9450	3,4650	3614,5000	2	3,4650	950				
Certificate	DE000CJ3PL80	VOW 129.8TL OPENZ	EUR	2,4750	2,4750	2,4750			2,4750					
Certificate	NL0012519078	VOW 130.4TL OPENH	EUR	5,1300	5,1300	4,6000			4,6000					
Certificate	DE000VA64YB5	VOW 130.8TL OPENV	EUR	2,3850	2,3850	2,3850			2,3850					
Certificate	NL0013019185	VOW 133.9TL OPENB	EUR	3,5050	3,5050	3,0050			3,0050					
Certificate	NL0013018831	VOW 135.4BL OPENB	EUR	2,5750	2,5750	2,0750			2,0750					
Certificate	DE000CJ3PTL5	VOW 138.8TL OPENZ	EUR	2,0300	2,0300	1,5750	203,0000	1	1,5750	100				
Certificate	NL0013019193	VOW 138.9TL OPENB	EUR	3,0250	3,0250	2,5350			2,5350					
Certificate	NL0013017783	VOW 139.5BS OPENB	EUR											
Certificate	NL0013146087	VOW 143.9TL OPENB	EUR	2,5750	2,5750	2,0750			2,0750					
Certificate	NL0013128564	VOW 145.2TL OPENH	EUR	3,9000	3,9000	3,3700			3,3700					
Certificate	NL0013146582	VOW 145.4BL OPENB	EUR	1,5750	1,5750	1,0750			1,0750					
Certificate	NL0013015803	VOW 147.7TS OPENB	EUR											
Certificate	NL0013009145	VOW 149.4BS OPENB	EUR											
Certificate	DE000VA7TG54	VOW 151.2TS OPENV	EUR											
Certificate	NL0012905293	VOW 154.8TS OPENH	EUR											
Certificate	DE000VA64X41	VOW 156.3TS OPENV	EUR											
Certificate	NL0012974414	VOW 157.7TS OPENB	EUR											
Certificate	DE000CV89Z06	VOW 158.3TS OPENZ	EUR											
Certificate	NL0012998702	VOW 159.3BS OPENB	EUR											
Certificate	NL0012918767	VOW 161.1TS OPENH	EUR	4,1700	4,7100	4,1700			4,7100					
Certificate	DE000VA64X58	VOW 161.3TS OPENV	EUR	0,6950	0,6950	0,6950			0,6950					
Certificate	DE000VA64X66	VOW 166.3TS OPENV	EUR	1,1750	1,1750	1,1750			1,1750					
Certificate	NL0012970693	VOW 167.5TS OPENB	EUR	2,1350	2,6350	2,1350	131,0000	1	2,6350	50				
Certificate	NL0012909840	VOW 168.1TS OPENH	EUR	5,0700	5,5900	5,0700			5,5900					
Certificate	NL0012998710	VOW 169.3BS OPENB	EUR	1,1450	1,6250	1,1450			1,6250					
Certificate	DE000VA64X74	VOW 171.3TS OPENV	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	NL0012865067	VOW 173.1TS OPENH	EUR	5,6900	6,2000	5,6900			6,2000					
Certificate	DE000VA64X82	VOW 176.3TS OPENV	EUR	2,1750	2,1750	2,1750			2,1750					
Certificate	NL0012681670	VOW 177.2TS OPENB	EUR	3,1750	3,6750	3,1750			3,6750					
Certificate	DE000CV89Z14	VOW 178.2TS OPENZ	EUR	2,3950	2,3950	2,3950			2,3950					
Certificate	NL0012608616	VOW 179.4TS OPENH	EUR	6,4600	7,0000	6,4600			7,0000					
Certificate	DE000VA64X90	VOW 181.3TS OPENV	EUR	2,6750	2,6750	2,6750			2,6750					
Certificate	NL0012565816	VOW 183.7TS OPENH	EUR	6,9900	7,5300	6,9900			7,5300					
Certificate	NL0012536858	VOW 192.2TS OPENH	EUR	8,0500	8,5900	8,0500			8,5900					
Certificate	NL0012615710	VOW 192.7TS OPENH	EUR	8,1400	8,6600	8,1400			8,6600					
Certificate	DE000CJ3NQF8	VOW 198.2TS OPENZ	EUR	4,3850	4,3850	4,3850			4,3850					
Certificate	NL0012558340	VOW 202.3TS OPENH	EUR	9,3200	9,8600	9,3200			9,8600					
Certificate	NL0011251657	VOW 206.2TS OPENB	EUR	6,3050	6,8050	6,3050			6,8050					
Certificate	NL0012545768	VOW 212.1TS OPENH	EUR	10,5400	11,0800	10,5400			11,0800					
Certificate	NL0012558332	VOW 231.8TS OPENH	EUR	13,0000	13,5500	13,0000			13,5500					
Certificate	DE000CN6F024	VOW 95.12TL OPENZ	EUR	5,8100	5,9300	5,8100			5,9300					
Certificate	DE000CJ3PFJ8	VTLN 44.79TL OPENZ	EUR	1,8200	1,8200	1,8200			1,8200					
Certificate	DE000CV8AVB7	VTLN 52.79TL OPENZ	EUR	1,1600	1,1600	1,1600			1,1600					
Certificate	NL0009262484	VW 39.5TL OPENB	EUR	11,6900	11,6900	11,6900			11,6900					
Certificate	NL0009336866	VW 46.3TL OPENB	EUR	11,0800	11,0800	11,0800			11,0800					
Certificate	DE000CN6G6N1	WALMT61.77TL OPENZ	EUR	3,4800	3,4800	3,4200			3,4200					
Certificate	NL0011411285	WALTD 135TS OPENH	EUR	25,9800	27,3300	25,9800			27,3300					
Certificate	NL0010248795	WALTD 38.1TL OPENB	EUR	69,8000	69,8000	69,8000			69,8000					
Certificate	NL0010381554	WALTD 61.5TL OPENB	EUR	50,6700	50,6700	50,6700			50,6700					
Certificate	NL0010520474	WALTD 68.2TL OPENB	EUR	45,1300	45,1300	45,1300			45,1300					
Certificate	NL0011411418	WALTD 74.6TL OPENH	EUR	41,1300	41,1300	40,1100			40,1100					
Certificate	NL0010656138	WALTD 80.5TL OPENB	EUR	35,0700	35,0700	35,0700			35,0700					
Certificate	NL0011411392	WALTD 87.8TL OPENH	EUR	30,4300	30,4300	29,3500			29,3500					
Certificate	NL0010906624	WALTD 88.5TL OPENB	EUR	28,5700	28,5700	28,5700			28,5700					
Certificate	DE000CR4H7N1	WALTD 92.1TL OPENZ	EUR	2,1700	2,1700	2,0200			2,0200					
Certificate	NL0011411293	WALTD123.4TS OPENH	EUR	15,0000	16,2900	15,0000			16,2900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	DE000CN6H962	WALTD83.48TL OPENZ	EUR	29,2900	29,2900	27,8300			27,8300					
Certificate	DE000CP06YL3	WDIG 140TL OPENC	EUR	1,2000	1,2000	1,2000			1,2000					
Certificate	DE000CP07C83	WDIG 140TL OPENC	EUR	1,5700	1,5900	1,5500	157,0000	1	1,5900	100				
Certificate	DE000CP07C91	WDIG 150TL OPENC	EUR											
Certificate	DE000CP06YM1	WDIG 150TL OPENC	EUR	0,3400	0,3400	0,3400			0,3400					
Certificate	DE000CP06YN9	WDIG 155TL OPENC	EUR											
Certificate	DE000CV522U7	WDIG 170TS OPENC	EUR	1,8800	1,8800	1,8800			1,8800					
Certificate	DE000CV522V5	WDIG 180TS OPENC	EUR	2,8800	2,8800	2,8800			2,8800					
Certificate	DE000CV88ET4	WDIG 105.6TL OPENZ	EUR	5,4300	5,4300	4,7000	543,0000	1	4,7000	100				
Certificate	DE000CV88R98	WDIG 115.6TL OPENZ	EUR	3,7100	3,7100	3,7100			3,7100					
Certificate	DE000CV890R0	WDIG 125.6TL OPENZ	EUR	3,2000	3,2000	2,7300	640,0000	1	2,7300	200				
Certificate	DE000CV89UY8	WDIG 135.5TL OPENZ	EUR	1,9800	2,2200	1,7600	5456,0000		1,7600	2550				
Certificate	DE000CV8A039	WDIG 145.5TL OPENZ	EUR	0,7500	0,7800	0,7500	112,5000	1	0,7800	150				
Certificate	DE000CE6FHY2	WDIG 69.13TL OPENZ	EUR	8,3200	8,3200	8,3200			8,3200					
Certificate	DE000CE6FNH5	WDIG 77.31TL OPENZ	EUR	7,5100	7,5100	7,5100			7,5100					
Certificate	DE000CE6FQB1	WDIG 85.44TL OPENZ	EUR	6,7000	6,7000	6,7000			6,7000					
Certificate	DE000CV889V4	WDIG 95.52TL OPENZ	EUR	5,7000	5,7000	5,7000			5,7000					
Certificate	NL0013006679	WDPP 101.58L OPENB	EUR	1,5650	1,5650	1,3850			1,3850					
Certificate	DE000CV89VD0	WDPP 102.1TL OPENZ	EUR	0,7850	0,7850	0,7850			0,7850					
Certificate	NL0013006687	WDPP 106.58L OPENB	EUR	1,0650	1,0650	0,8850			0,8850					
Certificate	DE000CJ3PUQ2	WDPP 111.1TL OPENZ	EUR	0,3550	0,3550	0,3550			0,3550					
Certificate	NL0013006802	WDPP 122.68S OPENB	EUR	1,0350	1,1750	1,0350			1,1750					
Certificate	DE000CV89WH9	WDPP 131.3TS OPENZ	EUR	1,2850	1,2850	1,2850			1,2850					
Certificate	NL0013007750	WDPP 132.68S OPENB	EUR	2,0250	2,1650	2,0250			2,1650					
Certificate	DE000CD64C87	WDPP 59.07TL OPENZ	EUR	2,8350	2,8350	2,8350			2,8350					
Certificate	DE000CD64DY5	WDPP 69.69TL OPENZ	EUR	2,3250	2,3250	2,3250			2,3250					
Certificate	DE000CD64C04	WDPP 76.02TL OPENZ	EUR	2,0250	2,0250	2,0250			2,0250					
Certificate	DE000CE6CY70	WDPP 83.36TL OPENZ	EUR	1,6750	1,6750	1,6750			1,6750					
Certificate	DE000CV4ZVE7	WDPP 91.69TL OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	NL0013006661	WDPP 96.488L OPENB	EUR	2,0650	2,0650	1,8850			1,8850					
Certificate	DE000CJ3PHG0	WEED 39TL OPENZ	EUR	1,8500	1,8500	1,5800	925,0000	1	1,5800	500				
Certificate	DE000CJ3PTX0	WEED 43TL OPENZ	EUR	1,2000	1,2000	1,0400	60,0000	1	1,0400	50				
Certificate	DE000CJ3N2K8	WEED 48TL OPENZ	EUR											
Certificate	DE000CJ3PD80	WEED 62TL OPENZ	EUR											
Certificate	DE000CJ3PSR4	WEED 30.5TL OPENZ	EUR	2,7800	2,7800	2,6300	511,3000	2	2,6300	185				
Certificate	DE000CJ3PRJ3	WEED 34.5TL OPENZ	EUR	2,1300	2,1300	2,1300			2,1300					
Certificate	DE000CJ3PHH8	WEED 43.5TL OPENZ	EUR											
Certificate	NL0012796262	WEREL 338ON0919Z	EUR	31,5100	31,5100	31,5100			31,5100					
Certificate	NL0011235403	WEREL 46TS OPENH	EUR	1,9000	1,9200	1,9000			1,9200					
Certificate	DE000CJ3NQ66	WEREL 18.1TL OPENZ	EUR	12,7400	12,7400	12,7400			12,7400					
Certificate	NL0012686661	WEREL 21.7TL OPENB	EUR	11,2150	11,2150	11,0150			11,0150					
Certificate	NL0010720827	WEREL 23.1TL OPENH	EUR	0,9400	0,9400	0,9200			0,9200					
Certificate	NL0012685994	WEREL 24.28L OPENB	EUR	6,9750	6,9750	6,7750			6,7750					
Certificate	NL0012682785	WEREL 24.2TL OPENB	EUR	8,9150	8,9150	8,7150			8,7150					
Certificate	NL0011816186	WEREL 26.7TL OPENB	EUR	6,6550	6,6550	6,4550			6,4550					
Certificate	NL0013146095	WEREL 29.2TL OPENB	EUR	4,3350	4,3350	4,1350			4,1350					
Certificate	NL0012681993	WEREL 34.28S OPENB	EUR	3,6650	3,8350	3,6650			3,8350					
Certificate	NL0012796270	WEREL 34.5BON1219Z	EUR	31,9700	31,9700	31,9700			31,9700					
Certificate	NL0012681688	WEREL 35.3TS OPENB	EUR	8,4050	8,5750	8,4050			8,5750					
Certificate	NL0013013758	WEREL 40.3TS OPENB	EUR	13,9450	14,1150	13,9450			14,1150					
Certificate	NL0010932513	WEREL 49.4TS OPENB	EUR	24,1350	24,3050	24,1350			24,3050					
Certificate	NL0011045018	WEREL 49.7TS OPENH	EUR	2,3000	2,3200	2,3000			2,3200					
Certificate	NL0011045000	WEREL 53.4TS OPENH	EUR	2,7000	2,7200	2,7000			2,7200					
Certificate	DE000CV4ZUV3	WEREL22.01TL OPENZ	EUR	8,7300	8,7300	8,7300			8,7300					
Certificate	NL0012688741	WEREL22.178L OPENB	EUR	9,0050	9,0050	8,8050			8,8050					
Certificate	DE000CV4ZUW1	WEREL25.01TL OPENZ	EUR	5,7200	5,7200	5,7200			5,7200					
Certificate	NL0012682470	WEREL26.248L OPENB	EUR	4,9350	4,9350	4,7350			4,7350					
Certificate	DE000CD61QB1	WEREL28.05TL OPENZ	EUR	2,9100	2,9100	2,6200			2,6200					
Certificate	NL0012778484	WEREL28.278L OPENB	EUR	2,9050	2,9050	2,7050			2,7050					
Certificate	NL0012994933	WEREL31.218S OPENB	EUR	0,6750	0,8450	0,6750			0,8450					
Certificate	DE000CV4ZG23	WEREL35.14TS OPENZ	EUR	4,4000	4,6100	4,4000	4032,0000	4	4,6100	900				
Certificate	NL0012682009	WEREL37.138S OPENB	EUR	6,5950	6,7650	6,5950			6,7650					
Certificate	DE000CD62T23	WEREL39.62TS OPENZ	EUR	8,7900	9,0900	8,7900			9,0900					
Certificate	NL0013005473	WESSA 7.8TL OPENB	EUR	2,9500	2,9900	2,9500	2691,0000	1	2,9500	900				
Certificate	NL0013014111	WESSA 8.3TL OPENB	EUR	2,5000	2,5000	2,5000			2,5000					
Certificate	NL0013015415	WESSA 8.8TL OPENB	EUR	2,0500	2,0500	2,0500			2,0500					
Certificate	NL0013005127	WESSA 6.288L OPENB	EUR	0,3950	0,4100	0,3950	18,0400	1	0,3950	44				
Certificate	NL0012998890	WESSA 7.288L OPENB	EUR	0,2950	0,3050	0,2950	135,0000	1	0,2950	450				
Certificate	NL0013005887	WESSA 7.31TL OPENB	EUR	3,3900	3,3900	3,3900			3,3900					
Certificate	NL0013013816	WESSA 8.288L OPENB	EUR	1,9050	1,9600	1,9050	78,4000	1	1,9050	40				
Certificate	NL0013017395	WESSA 9.46TS OPENB	EUR											
Certificate	NL0013005234	WESSA10.348S OPENB	EUR	0,0850	0,0850	0,0850			0,0850					



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	NL0013005671	WESSA10.46TS OPENB	EUR	2,1400	2,1400	2,0700	62,1000	1	2,1000	30				
Certificate	NL0012999726	WESSA11.45TS OPENB	EUR	3,2700	3,2700	3,2300			3,2300					
Certificate	NL0012988083	WESSA12.33BS OPENB	EUR	0,2850	0,2850	0,2850			0,2850					
Certificate	NL0012988265	WESSA12.46TS OPENB	EUR	4,4100	4,4100	4,3700			4,3700					
Certificate	NL0012982847	WESSA14.33BS OPENB	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CE6F0N4	WESSA18.53TS OPENZ	EUR	2,1900	2,1900	2,1900			2,1900					
Certificate	DE000C3NOC9	WESSA5.169TL OPENZ	EUR	1,1800	1,1800	1,1800			1,1800					
Certificate	DE000CN6HMS4	WESSA6.689TL OPENZ	EUR	0,8000	0,8500	0,8000	3990,5000	4	0,8000	4795				
Certificate	DE000CJ3NOD7	WESSA7.482TL OPENZ	EUR	0,6200	0,6200	0,6000	671,4600	2	0,6000	1083				
Certificate	DE000CJ3PGC1	WESSA8.285TL OPENZ	EUR	0,4100	0,4100	0,4100			0,4100					
Certificate	DE000CR9QDJ8	WEST 15.64TL OPENZ	EUR											
Certificate	DE000CN6HJ26	WFC 40.36TL OPENZ	EUR	1,2000	1,2000	1,1500			1,1500					
Certificate	DE000VN61016	WHEAT LEVOPENV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN61008	WHEAT LEVOPENV	EUR	0,0650	0,0650	0,0650			0,0650					
Certificate	DE000VL51282	WHEAT LEVOPENV	EUR	0,0450	0,0450	0,0450			0,0450					
Certificate	DE000VN61022	WHEAT LEVOPENV	EUR	2,1000	2,1000	2,1000			2,1000					
Certificate	DE000VN61040	WHEAT SHROPNV	EUR	0,0055	0,0055	0,0055			0,0055					
Certificate	DE000VN61032	WHEAT SHROPNV	EUR	0,2500	0,2600	0,2450	3988,8800	3	0,2450	15747				
Certificate	DE000VL23RS3	WHEAT SHROPNV	EUR	0,0650	0,0650	0,0650			0,0650					
Certificate	DE000VN61024	WHEAT SHROPNV	EUR	4,0250	4,0250	4,0250			4,0250					
Certificate	NL0012543144	WHEAT 4.27TL OPENH	EUR	1,0500	1,0500	1,0500			1,0500					
Certificate	NL0012543136	WHEAT 4.37TL OPENH	EUR	0,9700	0,9700	0,9700			0,9700					
Certificate	NL0012543128	WHEAT 4.47TL OPENH	EUR	0,8900	0,8900	0,8900			0,8900					
Certificate	NL0012543110	WHEAT 4.57TL OPENH	EUR	0,8000	0,8000	0,8000			0,8000					
Certificate	NL0012543102	WHEAT 4.67TL OPENH	EUR	0,7200	0,7200	0,7200			0,7200					
Certificate	NL0012543094	WHEAT 4.78TL OPENH	EUR	0,6400	0,6400	0,6400			0,6400					
Certificate	DE000CY16LQ0	WOLTE 30TL OPENC	EUR	21,1600	21,1600	21,1600			21,1600					
Certificate	DE000CY51CV6	WOLTE 30TL OPENC	EUR	21,2500	21,2500	21,2500			21,2500					
Certificate	DE000CY517G9	WOLTE 32TL OPENC	EUR	19,2800	19,2800	19,2800			19,2800					
Certificate	DE000CY16HV8	WOLTE 32TL OPENC	EUR	19,1200	19,1200	19,1200			19,1200					
Certificate	DE000CY514Y9	WOLTE 34TL OPENC	EUR	16,5700	16,5700	16,5700			16,5700					
Certificate	DE000CY517H7	WOLTE 34TL OPENC	EUR	17,3100	17,3100	17,3100			17,3100					
Certificate	DE000CY51B13	WOLTE 36TL OPENC	EUR	14,5600	14,5600	14,5600			14,5600					
Certificate	DE000CY51CW4	WOLTE 36TL OPENC	EUR	15,3600	15,3600	15,3600			15,3600					
Certificate	DE000CY51KK2	WOLTE 38TL OPENC	EUR	12,5700	12,5700	12,5700			12,5700					
Certificate	DE000CY522T2	WOLTE 38TL OPENC	EUR	13,4500	13,4500	13,4500			13,4500					
Certificate	NL0012649255	WOLTE 44BOC1218Z	EUR	43,8550	43,8550	43,8550			43,8550					
Certificate	DE000CY51CY0	WOLTE 46TS OPENC	EUR											
Certificate	DE000CY51XJ7	WOLTE 50TS OPENC	EUR											
Certificate	NL0012987291	WOLTE 56BOC0619B	EUR	51,1200	51,1200	50,7700			50,7700					
Certificate	NL0010893756	WOLTE 16.7TL OPENB	EUR	34,5200	34,5200	34,2500			34,2500					
Certificate	NL0010904512	WOLTE 18.8TL OPENB	EUR	32,5000	32,5000	32,2300			32,2300					
Certificate	NL0011651401	WOLTE 28.4TL OPENB	EUR	23,5900	23,5900	23,3200	1523,6000	1	23,3200	65				
Certificate	NL0012108849	WOLTE 33.7TL OPENB	EUR	18,6800	18,6800	18,4100			18,4100					
Certificate	NL0012516256	WOLTE 36.5TL OPENH	EUR	16,0400	16,0400	15,7600			15,7600					
Certificate	NL0012494678	WOLTE 40.7BOC1218B	EUR	40,6000	40,6000	40,6000			40,6000					
Certificate	NL0012648885	WOLTE 42.5BON0619Z	EUR	49,7400	49,7400	49,7400			49,7400					
Certificate	NL0012649263	WOLTE 45.5BOC0619Z	EUR	45,1250	45,1250	45,1250			45,1250					
Certificate	NL0012978647	WOLTE 47.1TL OPENB	EUR	6,1500	6,1500	5,8800			5,8800					
Certificate	NL0012979967	WOLTE 48.1TL OPENB	EUR	5,2200	5,2200	4,9500			4,9500					
Certificate	NL0013012933	WOLTE 49.1TL OPENB	EUR											
Certificate	NL0013013709	WOLTE 50.1TL OPENB	EUR											
Certificate	NL0013007420	WOLTE 52.8TS OPENB	EUR	7,1800	7,3900	7,1800			7,3900					
Certificate	NL0012998447	WOLTE 54.7TS OPENB	EUR	9,2500	9,4600	9,2500			9,4600					
Certificate	NL0012936751	WOLTE 55.4TS OPENH	EUR	9,9800	10,2400	9,9800			10,2400					
Certificate	NL0012987440	WOLTE 56.7TS OPENB	EUR	11,3300	11,5400	11,3300			11,5400					
Certificate	NL0011053053	WOLTE21.87TL OPENH	EUR	29,6500	29,6500	29,3700			29,3700					
Certificate	NL0011053046	WOLTE23.99TL OPENH	EUR	27,6800	27,6800	27,4000			27,4000					
Certificate	NL0011995568	WOLTE28.31TL OPENH	EUR	23,6600	23,6600	23,3800			23,3800					
Certificate	DE000CN6F602	WOLTE28.44TL OPENZ	EUR	10,6800	10,7050	10,6800			10,7050					
Certificate	NL0011739164	WOLTE29.35TL OPENH	EUR	22,6900	22,6900	22,4100			22,4100					
Certificate	DE000CN6K537	WOLTE30.95TL OPENZ	EUR	9,4300	9,4550	9,4300			9,4550					
Certificate	NL0012049191	WOLTE31.42TL OPENH	EUR	20,7700	20,7700	20,4900	207,6000	1	20,4900	10				
Certificate	NL0012055743	WOLTE33.45TL OPENH	EUR	18,8700	18,8700	18,5900			18,5900					
Certificate	DE000CE6BEP6	WOLTE33.93TL OPENZ	EUR	7,9400	7,9650	7,9400			7,9650					
Certificate	NL0012435937	WOLTE34.48TL OPENH	EUR	17,9200	17,9200	17,6400			17,6400					
Certificate	DE000CE6ETD4	WOLTE37.41TL OPENZ	EUR	6,2500	6,2500	6,2200	187,5000	1	6,2200	30				
Certificate	NL0012523005	WOLTE37.49TL OPENH	EUR	15,1200	15,1200	14,8400			14,8400					
Certificate	NL0012525224	WOLTE38.53TL OPENH	EUR	14,1500	14,1500	13,8700			13,8700					
Certificate	NL0012582258	WOLTE39.49TL OPENH	EUR	13,2600	13,2600	12,9800			12,9800					
Certificate	NL0012595607	WOLTE40.53TL OPENH	EUR	12,2900	12,2900	12,0100			12,0100					
Certificate	DE000CV88AQ8	WOLTE41.38TL OPENZ	EUR	4,2450	4,2450	4,2450			4,2450					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0012606800	WOLTE42.49TL OPENH	EUR	10,4600	10,4600	10,1800			10,1800					
Certificate	NL0013008808	WOLTE43.24BL OPENB	EUR	7,0800	7,0800	6,8100			6,8100					
Certificate	NL0012787360	WOLTE44.24BL OPENB	EUR	6,0700	6,0700	5,8000			5,8000					
Certificate	NL0012614259	WOLTE44.43TL OPENH	EUR	8,6700	8,6700	8,3900			8,3900					
Certificate	NL0013008816	WOLTE45.25BL OPENB	EUR	5,0600	5,0600	4,7900			4,7900					
Certificate	DE000CV89960	WOLTE45.35TL OPENZ	EUR	2,2850	2,2850	2,2850			2,2850					
Certificate	NL0012793160	WOLTE46.25BL OPENB	EUR	4,0600	4,0600	3,7900			3,7900					
Certificate	NL0012865083	WOLTE46.39TL OPENH	EUR	6,8400	6,8400	6,5600			6,5600					
Certificate	NL0012973630	WOLTE47.26BL OPENB	EUR	3,0500	3,0500	2,7800	300,0000	1	2,7800	100				
Certificate	NL0012927636	WOLTE48.18TL OPENH	EUR	5,1700	5,1700	4,8900			4,8900					
Certificate	NL0013012057	WOLTE48.26BL OPENB	EUR	2,0500	2,0500	1,7800			1,7800					
Certificate	NL0013013378	WOLTE49.25BL OPENB	EUR											
Certificate	NL0013017619	WOLTE50.24BL OPENB	EUR											
Certificate	NL0013146657	WOLTE51.94BS OPENB	EUR	2,3400	2,5500	2,3400			2,5500					
Certificate	NL0013129794	WOLTE52.37TS OPENH	EUR	6,7000	6,9600	6,7000			6,9600					
Certificate	NL0013005242	WOLTE53.94BS OPENB	EUR	4,3400	4,5500	4,3400			4,5500					
Certificate	NL0012980221	WOLTE55.92BS OPENB	EUR	6,3200	6,5300	6,3200			6,5300					
Certificate	NL0012935845	WOLTE57.38TS OPENH	EUR	12,1200	12,3800	12,1200			12,3800					
Certificate	NL0012926604	WOLTE57.46TS OPENH	EUR	12,2100	12,4700	12,2100			12,4700					
Certificate	NL0012920961	WOLTE57.52TS OPENH	EUR	12,2700	12,5300	12,2700			12,5300					
Certificate	NL0013004047	WOLTE57.92BS OPENB	EUR	8,3200	8,5300	8,3200			8,5300					
Certificate	NL0012852354	WOLTE59.35TS OPENH	EUR	14,2400	14,5000	14,2400			14,5000					
Certificate	NL0012915169	WOLTE59.46TS OPENH	EUR	14,3700	14,6300	14,3700			14,6300					
Certificate	NL0012988315	WOLTE59.91BS OPENB	EUR	10,3100	10,5200	10,3100			10,5200					
Certificate	NL0012892426	WOLTE64.09TS OPENH	EUR	19,3800	19,6400	19,3800			19,6400					
Certificate	NL0012900062	WOLTE64.17TS OPENH	EUR	19,4500	19,7100	19,4500			19,7100					
Certificate	DE000CNG6VC6	WPM 10.49TL OPENZ	EUR	6,1950	6,1950	6,1050			6,1050					
Certificate	DE000CV8BD11	WPM 12.14TL OPENZ	EUR	0,9450	0,9450	0,9450			0,9450					
Certificate	DE000CNGJC13	WPM 13.19TL OPENZ	EUR	3,9250	3,9250	3,8250			3,8250					
Certificate	DE000CNGJMB1	WPM 14.81TL OPENZ	EUR	2,5550	2,5550	2,4550			2,4550					
Certificate	DE000CJ3NR11	WPM 16.34TL OPENZ	EUR											
Certificate	DE000CV89BC4	WPM 18.44TL OPENZ	EUR											
Certificate	DE000V454547	XAG LEVOPENV	EUR	7,5200	7,5200	7,5200			7,5200					
Certificate	DE000CJ3PKT7	XFAB 3.52TL OPENZ	EUR	0,5800	0,5800	0,5800			0,5800					
Certificate	DE000CJ3N682	XFAB 3.92TL OPENZ	EUR	0,5000	0,5000	0,5000			0,5000					
Certificate	DE000CV8BEE5	XFAB 4.42TL OPENZ	EUR	0,4400	0,4400	0,4150	2640,0000	6	0,4150	6000				
Certificate	DE000CV89SF1	XFAB 4.96TL OPENZ	EUR	0,3300	0,3300	0,3100	1650,0000	5	0,3100	5000				
Certificate	DE000CJ3PR84	XFAB 5.41TL OPENZ	EUR	0,2200	0,2200	0,2200			0,2200					
Certificate	DE000CJ3PR92	XFAB 5.86TL OPENZ	EUR	0,1400	0,1400	0,1400			0,1400					
Certificate	DE000CJ3PS18	XIACB 7.59TL OPENZ	EUR	0,7200	0,7200	0,6950	97,2000	1	0,6950	135				
Certificate	DE000CJ3PBV6	XIACB 8.59TL OPENZ	EUR	0,5850	0,5850	0,5850			0,5850					
Certificate	DE000CJ3N1N4	XIACB 9.59TL OPENZ	EUR	0,4850	0,4850	0,4850			0,4850					
Certificate	DE000CJ3NVF2	XIACB10.59TL OPENZ	EUR	0,3800	0,3800	0,3750	228,0000	1	0,3750	600				
Certificate	DE000CJ3PEP8	XIACB11.59TL OPENZ	EUR											
Certificate	DE000CJ3PV47	XIACB11.69TL OPENZ	EUR	0,2650	0,2650	0,2650			0,2650					
Certificate	DE000CV8ASC1	XIACB17.34TL OPENZ	EUR											
Certificate	DE000CV8B292	XIACB17.37TL OPENZ	EUR											
Certificate	DE000CNGKP07	YAND 16.39TL OPENZ	EUR	2,5850	2,5850	2,4050			2,4050					
Certificate	DE000CV89B12	YAND 20.87TL OPENZ	EUR	1,6250	1,6250	1,6250			1,6250					
Certificate	DE000CJ3PGP3	YAND 22.86TL OPENZ	EUR	1,2750	1,2750	1,2750			1,2750					
Certificate	DE000CJ3PGQ1	YAND 24.86TL OPENZ	EUR	0,9250	0,9250	0,9250			0,9250					
Certificate	DE000CJ3PRM7	YAND 26.85TL OPENZ	EUR	0,5750	0,5750	0,5750			0,5750					
Certificate	DE000CJ3PG95	YAND 32.27TS OPENZ	EUR	0,4350	0,4350	0,4350			0,4350					
Certificate	DE000CJ3PE22	YAND 35.76TS OPENZ	EUR	1,0350	1,0350	1,0350			1,0350					
Certificate	DE000CV88AS4	YAND 39.77TS OPENZ	EUR	1,7450	1,7450	1,7450			1,7450					
Certificate	DE000CV4ZQC1	YAND 44.82TS OPENZ	EUR	2,6250	2,6250	2,6250			2,6250					
Certificate	DE000CV87HD3	YAND 49.89TS OPENZ	EUR	3,5150	3,5150	3,5150			3,5150					
Certificate	DE000CD61959	YAR 231.1TL OPENZ	EUR	1,4800	1,5100	1,4800			1,5100					
Certificate	DE000CNGHTG9	YAR 261.9TL OPENZ	EUR	1,1500	1,1900	1,1500			1,1900					
Certificate	DE000CE6DY20	YAR 312.4TL OPENZ	EUR	0,6600	0,6600	0,6600			0,6600					
Certificate	NL0010046116	YUM B 54.5TL OPENB	EUR	6,3700	6,3700	6,3700			6,3700					
Certificate	NL0010046108	YUM B 57.4TL OPENB	EUR	6,1400	6,1400	6,1400			6,1400					
Certificate	DE000CJ3PSH5	YY 40.22TL OPENZ	EUR	2,7250	2,7250	2,7250			2,7250					
Certificate	DE000CJ3PEQ6	YY 47.22TL OPENZ	EUR	2,1450	2,1450	2,1450			2,1450					
Certificate	DE000CV8BD29	YY 54.22TL OPENZ	EUR	1,8600	1,8600	1,5750	27285,0000	7	1,5750	16000				
Certificate	DE0005715155	Z KOREA CT OPENN	EUR	212,8300	212,8300	212,8300			212,8300					
Certificate	NL0013006943	ZALG 27.6BL OPENB	EUR	1,7050	1,7800	1,6950	2474,2000	2	1,6950	1390				
Certificate	NL0012998736	ZALG 30.1BL OPENB	EUR	1,2050	1,2050	1,1950			1,1950					
Certificate	DE000CJ3NVU7	ZALG 24.08TL OPENZ	EUR	2,4850	2,4850	2,4850			2,4850					
Certificate	NL0012998728	ZALG 25.08BL OPENB	EUR	2,2150	2,2150	2,2050			2,2050					
Certificate	DE000CD629Q6	ZALG 28.34TL OPENZ	EUR	7,8600	8,3800	7,8600			8,3800					
Certificate	NL0013146590	ZALG 32.61BL OPENB	EUR	0,7050	0,7050	0,6950			0,6950					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Certificate	NL0013015076	ZALG 34.85BS OPENB	EUR											
Certificate	NL0012999940	ZALG 37.34BS OPENB	EUR	0,5150	0,5350	0,5150			0,5350					
Certificate	NL0012998751	ZALG 39.83BS OPENB	EUR	1,0150	1,0350	1,0150			1,0350					
Certificate	NL001298769	ZALG 44.81BS OPENB	EUR	2,0150	2,0250	2,0150			2,0250					
Certificate	NL0000455848	ZILVER CT OPENN	EUR	12,8700	12,9200	12,8700			12,9200					
Certificate	DE000CR95546	ZURIC167.4TL OPENZ	EUR	1,2650	1,2650	1,2650			1,2650					
Certificate	DE000CN61E4	ZURIC191.5TL OPENZ	EUR	1,0550	1,0550	1,0550			1,0550					
Certificate	DE000CD62L21	ZURIC217.1TL OPENZ	EUR	0,8350	0,8350	0,8350			0,8350					
Certificate	DE000CF6D3W1	ZURIC258.6TL OPENZ	EUR	0,4650	0,4650	0,4650			0,4650					
Government bond	NL0000006286	LEDGER2.5%29JUL49	NLG											
Government bond	NL0000002707	LEDGER3.5%29DEC49	NLG											
Government bond	NL0000004802	LEDGER3%29SEP49	NLG											
Government bond	NL0010071189	NED 2.5%15JAN33	EUR											
Government bond	NL0009712470	NEDER 3.25%15JUL21	EUR											
Government bond	NL0009348242	NEDER 3.5% 15JUL20	EUR	107,0100	107,0100	107,0100	64206,0000	1	107,0100	60000				
Government bond	NL0009086115	NEDER 4%15JUL19	EUR											
Government bond	NL0000102275	NEDER3.75%15JAN23	EUR											
Government bond	NL0000102234	NEDER4%15JAN37	EUR	152,5500	152,5500	152,5500	1525,5000	1	152,5500	1000				
Government bond	NL0000102317	NEDER5.5%15JAN28	EUR	145,8500	145,9600	145,8500	5839,8400	2	145,9600	4004				
Government bond	NL0000102077	NEDER7.5%15JAN23	EUR	132,7000	132,7000	132,5600	7180,2000	2	132,5600	5412				
Government bond	NL0011220108	NEDERL 25%15JUL25	EUR											
Government bond	NL0011896857	NEDERL0%15JAN2022	EUR											
Government bond	NL0011819040	NEDERLANDO.5%JUL26	EUR	101,4400	101,4400	101,4400	6686,9200	1	101,4400	6592				
Government bond	NL0010881827	NL 0.25%15JAN20	EUR	101,0700	101,0700	101,0700	227407,5000	2	101,0700	225000				
Government bond	NL0012171458	NL 0.75% 15JUL27	EUR											
Government bond	NL0012818504	NL 0.75% 15JUL28	EUR	102,0400	102,0400	102,0400	40816,0000	1	102,0400	40000				
Government bond	NL0012650469	NL 0% 15JAN24	EUR											
Government bond	NL0010514246	NL 1.25%15JAN2019	EUR											
Government bond	NL0010418810	NL 1.75%15JUL23	EUR	108,8100	108,8100	108,8100	59845,5000	1	108,8100	55000				
Government bond	NL0010060257	NL 2.25%15JUL22	EUR											
Government bond	NL0010721999	NL 2.75%15JAN47	EUR	140,5400	140,5400	140,5400	4216,2000	2	140,5400	3000				
Government bond	NL0010733424	NL 2%15JUL2024	EUR	111,3200	111,3200	111,3200	2658,3200	1	111,3200	2388				
Government bond	NL0009446418	NL 3.75% 15JAN42	EUR											
Government bond	NL0013050511	NL DTC 28FEB19	EUR											
Government bond	NL0013089105	NL DTC 29MAR19	EUR											
Government bond	NL0013025778	NL DTC 31JUL19	EUR											
Government bond	NL0011613849	NL STRIP 15JAN19	EUR											
Government bond	NL0011613435	NL STRIP 15JAN19	EUR											
Government bond	NL0011613450	NL STRIP 15JAN20	EUR											
Government bond	NL0011613864	NL STRIP 15JAN20	EUR											
Government bond	NL0011613476	NL STRIP 15JAN21	EUR											
Government bond	NL0011613880	NL STRIP 15JAN21	EUR											
Government bond	NL0011613906	NL STRIP 15JAN22	EUR											
Government bond	NL0011613492	NL STRIP 15JAN22	EUR											
Government bond	NL0011613518	NL STRIP 15JAN23	EUR											
Government bond	NL0011613922	NL STRIP 15JAN23	EUR											
Government bond	NL0011613930	NL STRIP 15JAN24	EUR											
Government bond	NL0011613534	NL STRIP 15JAN24	EUR											
Government bond	NL0011613948	NL STRIP 15JAN25	EUR											
Government bond	NL0011613559	NL STRIP 15JAN25	EUR											
Government bond	NL0011613955	NL STRIP 15JAN26	EUR											
Government bond	NL0011613575	NL STRIP 15JAN26	EUR											
Government bond	NL0011613583	NL STRIP 15JAN27	EUR											
Government bond	NL0011613963	NL STRIP 15JAN27	EUR											
Government bond	NL0011613591	NL STRIP 15JAN28	EUR											
Government bond	NL0011613971	NL STRIP 15JAN28	EUR											
Government bond	NL0011613609	NL STRIP 15JAN29	EUR											
Government bond	NL0011613989	NL STRIP 15JAN29	EUR											
Government bond	NL0011613617	NL STRIP 15JAN30	EUR											
Government bond	NL0011613997	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											



Instrument Type	Exchange Instrument ID	Instrument 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	NL0011614060	NL STRIP 15JAN37	EUR											
Government bond	NL0011613682	NL STRIP 15JAN37	EUR											
Government bond	NL0011613690	NL STRIP 15JAN38	EUR											
Government bond	NL0011614078	NL STRIP 15JAN38	EUR											
Government bond	NL0011613708	NL STRIP 15JAN39	EUR											
Government bond	NL0011614086	NL STRIP 15JAN39	EUR											
Government bond	NL0011613716	NL STRIP 15JAN40	EUR											
Government bond	NL0011614094	NL STRIP 15JAN40	EUR											
Government bond	NL0011613724	NL STRIP 15JAN41	EUR											
Government bond	NL0011614102	NL STRIP 15JAN41	EUR											
Government bond	NL0011613732	NL STRIP 15JAN42	EUR											
Government bond	NL0011614110	NL STRIP 15JAN42	EUR											
Government bond	NL0011613740	NL STRIP 15JAN43	EUR											
Government bond	NL0011613757	NL STRIP 15JAN44	EUR											
Government bond	NL0011613765	NL STRIP 15JAN45	EUR											
Government bond	NL0011613773	NL STRIP 15JAN46	EUR											
Government bond	NL0011613781	NL STRIP 15JAN47	EUR											
Government bond	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	94,3200	94,3200	94,3200	20750,4000	1	94,3200	22000				
Government bond	NL0010107975	NLHSOM ZC15JAN33	EUR											
Government bond	NL0000102788	NLHSOM ZC15JAN37	EUR											
Government bond	NL0009446608	NLHSOM ZC15JAN42	EUR											
Government bond	NL0009086206	NLHSOM ZC15JUL19	EUR											
Government bond	NL0009363753	NLHSOM ZC15JUL20	EUR											
Government bond	NL0009712496	NLHSOM ZC15JUL21	EUR											
Government bond	NL0010060265	NLHSOM ZC15JUL22	EUR											
Government bond	NL0000103265	NLRENT ZC15JAN19	EUR											
Government bond	NL0000103273	NLRENT ZC15JAN20	EUR											
Government bond	NL0000103281	NLRENT ZC15JAN21	EUR											
Government bond	NL0000103299	NLRENT ZC15JAN22	EUR											
Government bond	NL0000103307	NLRENT ZC15JAN23	EUR											
Government bond	NL0000103315	NLRENT ZC15JAN24	EUR											
Government bond	NL0000103323	NLRENT ZC15JAN25	EUR											
Government bond	NL0000103331	NLRENT ZC15JAN26	EUR											
Government bond	NL0000103349	NLRENT ZC15JAN27	EUR											
Government bond	NL0000103364	NLRENT ZC15JAN28	EUR											
Government bond	NL0000003515	NLRENT ZC15JAN29	EUR											
Government bond	NL0000003523	NLRENT ZC15JAN30	EUR											
Government bond	NL0000003531	NLRENT ZC15JAN31	EUR											
Government bond	NL0000003549	NLRENT ZC15JAN32	EUR											
Government bond	NL0000003556	NLRENT ZC15JAN33	EUR											
Government bond	NL0000003564	NLRENT ZC15JAN34	EUR											
Government bond	NL0000003572	NLRENT ZC15JAN35	EUR											
Government bond	NL0000003580	NLRENT ZC15JAN36	EUR											
Government bond	NL0009446616	NLRENT ZC15JAN38	EUR											
Government bond	NL0009446624	NLRENT ZC15JAN39	EUR											
Government bond	NL0009446632	NLRENT ZC15JAN40	EUR											
Government bond	NL0009446640	NLRENT ZC15JAN41	EUR											
Government bond	NL0009446657	NLRENT ZC15JAN42	EUR											
Government bond	NL0009086214	NLRENT ZC15JUL19	EUR											
Government bond	NL0009363761	NLRENT ZC15JUL20	EUR											
Government bond	NL0009712504	NLRENT ZC15JUL21	EUR											
Government bond	NL0010060273	NLRENT ZC15JUL22	EUR											
Government bond	NL0000003598	NLRENTZC15JAN37	EUR											
Government bond	GB00BDV0F150	UKT1.750JUL19	GBP											
Government bond	GB00B7L9SL19	UKT1.750SEP22	GBP											
Government bond	GB00BN65R198	UKT2.000JUL20	GBP											
Government bond	GB00BTHH2R79	UKT2.000SEP25	GBP											



Instrument Type	Exchange Instrument ID	Instrument 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	GB0087Z53659	UKT2.250SEP23	GBP											
Government bond	GB008B8FH458	UKT2.750SEP24	GBP											
Government bond	GB008B4Z9V04	UKT3.250JAN44	GBP											
Government bond	GB008N65R313	UKT3.500JAN45	GBP											
Government bond	GB008BJNQY21	UKT3.500JUL68	GBP											
Government bond	GB0086RHH572	UKT3.750JUL52	GBP											
Government bond	GB0084YRFP41	UKT3.750SEP19	GBP											
Government bond	GB008582JV65	UKT3.750SEP20	GBP											
Government bond	GB0084RMG977	UKT3.750SEP21	GBP											
Government bond	GB00854QLM75	UKT4.000JAN60	GBP											
Government bond	GB0083KJDQ49	UKT4.000MAR22	GBP											
Government bond	GB00816NNR78	UKT4.250DEC27	GBP											
Government bond	GB0086460505	UKT4.250DEC40	GBP											
Government bond	GB008128DP45	UKT4.250DEC46	GBP											
Government bond	GB00839R3707	UKT4.250DEC49	GBP											
Government bond	GB00806VGN05	UKT4.250DEC55	GBP											
Government bond	GB0004893086	UKT4.250JUN32	GBP											
Government bond	GB0032452392	UKT4.250MAR36	GBP											
Government bond	GB0083KJDS62	UKT4.250SEP39REGS	GBP											
Government bond	GB0081VWPJ53	UKT4.500DEC42	GBP											
Government bond	GB00839R3F84	UKT4.500MAR19	GBP											
Government bond	GB00852WS153	UKT4.500SEP34	GBP											
Government bond	GB00824FF097	UKT4.750DEC30	GBP											
Government bond	GB00800NY175	UKT4.750DEC38	GBP											
Government bond	GB008058DQ55	UKT4.750MAR20	GBP											
Government bond	GB0030880693	UKT5.000MAR25	GBP											
Government bond	GB0002404191	UKT6.000DEC28	GBP											
Government bond	GB0009997999	UKT8.000JUN21	GBP											
Government bond	GB008855FQ54	UKT10.125MAR24	GBP											
Government bond	GB0083Y1JG82	UKT10.125MAR29	GBP											
Government bond	GB0087RNOG65	UKT10.125MAR44	GBP											
Government bond	GB008P9DLZ64	UKT10.125MAR58	GBP											
Government bond	GB008BDX8CX86	UKT10.125MAR68	GBP											
Government bond	GB008B8DR7T29	UKT10.125NOV19	GBP											
Government bond	GB00873ZYW09	UKT10.250MAR52	GBP											
Government bond	GB0084PTCY75	UKT10.375MAR62	GBP											
Government bond	GB008421JZ66	UKT10.500MAR50	GBP											
Government bond	GB0083LZBF68	UKT10.625MAR40	GBP											
Government bond	GB0083MYD345	UKT10.625NOV42	GBP											
Government bond	GB00846CGH68	UKT10.750MAR34	GBP											
Government bond	GB00824FFM16	UKT10.750NOV47	GBP											
Government bond	GB0081L6W962	UKT11.125NOV37	GBP											
Government bond	GB008128DH60	UKT11.250NOV27	GBP											
Government bond	GB0083D4VD98	UKT11.250NOV32	GBP											
Government bond	GB0080CNH209	UKT11.250NOV55	GBP											
Government bond	GB008125HQ14	UKT11.875NOV22	GBP											
Government bond	GB0031790826	UKT12.000JAN35	GBP											
Government bond	GB0009081828	UKT12.500APR20	GBP											
Government bond	GB0008983024	UKT12.500JUL24	GBP											
Government bond	GB0008932666	UKT14.125JUL30	GBP											
Investment fund	NL0012235840	AB EUROP EQUITY	EUR											
Investment fund	NL0010579074	ACTIAM D eur aand	EUR	20,7000	20,7000	20,7000	63279,9000	3	20,7000	3057				
Investment fund	NL0010579090	ACTIAM D eur obl	EUR	18,8600	18,8600	18,8600	18,8600	1	18,8600	1				
Investment fund	NL0010579157	ACTIAM D mix def	EUR	24,2100	24,2100	24,2100	4963,0500	2	24,2100	205				
Investment fund	NL0010579165	ACTIAM D mix neut	EUR	23,1100	23,1100	23,1100	23,1100	1	23,1100	1				
Investment fund	NL0010579173	ACTIAM D mix off	EUR	18,7200	18,7200	18,7200	4006,0800	2	18,7200	214				
Investment fund	NL0010579124	ACTIAM D Wrld aand	EUR	31,8800	31,8800	31,8800	31,8800	1	31,8800	1				
Investment fund	NL0010579132	ACTIAM eur vastg	EUR	30,7000	30,7000	30,7000	92,1000	2	30,7000	3				
Investment fund	NL0011309315	ACTIAM VIA EUROPA	EUR	27,8600	27,8600	27,8600	1015190,5400	4	27,8600	36439				
Investment fund	NL0011309323	ACTIAM VIA N-AMER	EUR	34,6900	34,6900	34,6900	484064,2600	9	34,6900	13954				
Investment fund	NL0011872635	ACTIAM VIA OPK LAN	EUR	24,2400	24,2400	24,2400	4969,2000	2	24,2400	205				
Investment fund	NL0011309331	ACTIAM VIA PACIFIC	EUR	29,7800	29,7800	29,7800	556588,2000	11	29,7800	18690				
Investment fund	NL0011309349	ACTIAM VIA WERELD	EUR	32,0000	32,0000	32,0000	3351360,0000	18	32,0000	104730				
Investment fund	NL0009388743	ADD VALUE FUND	EUR	48,2000	48,2000	48,2000	232902,4000	8	48,2000	4832				
Investment fund	NL0010510822	AFRIKA FONDS-G	EUR	87,2200	87,2200	87,2200	9768,6400	4	87,2200	112				
Investment fund	NL0000685576	AGHY FUND	EUR											
Investment fund	NL0000286896	ALLIANZ AMR EQ 1	EUR	28,6700	28,6700	28,6700	28,6700	1	28,6700	1				
Investment fund	NL0000286979	ALLIANZ ERP EQ 11	EUR	75,4200	75,4200	75,4200	75,4200	1	75,4200	1				
Investment fund	NL0000286904	ALLIANZ EUR OBL 2	EUR	72,8900	72,8900	72,8900	72,8900	1	72,8900	1				
Investment fund	NL0000286938	ALLIANZ PAFQ EQ 5	EUR	85,8500	85,8500	85,8500	85,8500	1	85,8500	1				
Investment fund	NL0000286912	ALLIANZ SELECT 3	EUR	103,4500	103,4500	103,4500	413,8000	1	103,4500	4				
Investment fund	NL0009497965	ALLIANZ WRLD EQ 10	EUR	56,8600	56,8600	56,8600	56,8600	1	56,8600	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
Investment fund	NL0006311706	Arcona Property Fd	EUR	7,2000	7,2500	7,2000	2849,2000	2	7,2500	393				
Investment fund	IE00BDHZLR26	ASIAN CAP HOLD A	USD											
Investment fund	IE00BDHZLS33	ASIAN CAP HOLD B	EUR											
Investment fund	NL0011896774	ASN DM DEFENSIEF	EUR	51,5200	51,5200	51,5200	11952,6400	1	51,5200	232				
Investment fund	NL0011896782	ASN DM NEUTRAAL	EUR	52,0100	52,0100	52,0100	90029,3100	1	52,0100	1731				
Investment fund	NL0011896790	ASN DM OFFENSIEF	EUR	52,5900	52,5900	52,5900	131843,1300	1	52,5900	2507				
Investment fund	NL0011896808	ASN DM ZEER OFF	EUR	53,1800	53,1800	53,1800	33769,3000	1	53,1800	635				
Investment fund	NL0011896766	ASN DM ZEERDEF	EUR	50,8900	50,8900	50,8900	57963,7100	1	50,8900	1139				
Investment fund	NL0000441301	ASN DZ AANDELEN	EUR	107,0600	107,0600	107,0600	468708,6800	15	107,0600	4378				
Investment fund	NL0000280089	ASN DZ MIXFONDS	EUR	87,2000	87,2000	87,2000	23020,8000	5	87,2000	264				
Investment fund	NL0000441244	ASN DZ OBLIGATIE	EUR	28,7800	28,7800	28,7800	272891,9600	8	28,7800	9482				
Investment fund	NL0000290518	ASN DZ SMAL/MIDCAP	EUR	36,9600	36,9600	36,9600	27683,0400	5	36,9600	749				
Investment fund	NL0012314660	ASN Groenfond	EUR	25,9400	25,9400	25,9400	49234,1200	2	25,9400	1898				
Investment fund	NL0000280501	ASN MILIEU&WATER 2	EUR	30,6300	30,6300	30,6300	376105,7700	18	30,6300	12279				
Investment fund	NL0012314652	ASN Novibfond	EUR	55,7500	55,7500	55,7500	350667,5000	11	55,7500	6290				
Investment fund	NL0006294175	BNP AS PAC HI INC	EUR	54,7000	54,7000	54,7000	142602,9000	7	54,7000	2607				
Investment fund	NL0012727432	BNP ESGNL	EUR	131,3700	131,3700	131,3700	69363,3600	7	131,3700	528				
Investment fund	NL0006294167	BNP GL HIGH IN EQ	EUR	57,0400	57,0400	57,0400	45232,7200	7	57,0400	793				
Investment fund	NL0006294092	BNP GL PROP SEC FD	EUR	58,2000	58,2000	58,2000	6925,8000	4	58,2000	119				
Investment fund	NL0006294159	BNP HIGH INC PR FD	EUR	30,5600	30,5600	30,5600	13752,0000	5	30,5600	450				
Investment fund	NL0006294035	BNP OBAM	EUR	74,4900	74,4900	74,4900	420868,5000	14	74,4900	5650				
Investment fund	NL0010949343	BNP PRM GLB DIV FD	EUR	25,4100	25,4100	25,4100	965,5800	3	25,4100	38				
Investment fund	NL0006294118	BNP PRO SEC FD EUR	EUR	67,1400	67,1400	67,1400	5706,9000	5	67,1400	85				
Investment fund	NL0010511002	DD Equity Fund	EUR	161,0500	161,0500	161,0500	96630,0000	2	161,0500	600				
Investment fund	NL0013025539	DD INCOME FUND	EUR	24,8900	24,8900	24,8900	154318,0000	2	24,8900	6200				
Investment fund	NL0000945915	DD PROPERTY FUND A	EUR	34,2600	34,2600	34,2600	68,5200	1	34,2600	2				
Investment fund	NL0010949350	DD PROPERTY FUND B	EUR	35,1000	35,1000	35,1000	26149,5000	2	35,1000	745				
Investment fund	NL0012838973	EUR ASSETS TRUST	EUR	1,1300	1,1700	1,1300	5266,1300	2	1,1700	4501				
Investment fund	IE00BN576201	EUR CAP HOLD CI B	EUR	262,8500	262,8500	262,8500	26285,0000	1	262,8500	100				
Investment fund	NL0010556775	HH CV FUND	EUR	37,2200	37,2200	37,2200	96660,3400	2	37,2200	2597				
Investment fund	NL0010514196	HH EM Fund	EUR	83,7300	83,7300	83,7300	3600,3900	1	83,7300	43				
Investment fund	NL0009864495	HH EUR VALUE FUND	EUR	38,0000	38,0000	38,0000	2736,0000	1	38,0000	72				
Investment fund	NL0012061253	HH GLOBAL FUND	EUR	30,8900	30,8900	30,8900	8618,3100	1	30,8900	279				
Investment fund	NL0009864479	HH INCOME FUND	EUR	20,4100	20,4100	20,4100	11939,8500	2	20,4100	585				
Investment fund	NL0010514204	HH Obligatie Fund	EUR	35,2300	35,2300	35,2300	131936,3500	2	35,2300	3745				
Investment fund	NL0009864487	HH PHOENIX FUND	EUR	36,2100	36,2100	36,2100	70718,1300	6	36,2100	1953				
Investment fund	NL0010514212	HH RE Value Fund	EUR	51,2300	51,2300	51,2300	8401,7200	2	51,2300	164				
Investment fund	NL0009864461	HH VALUE FUND	EUR	29,9600	29,9600	29,9600	53538,5200	2	29,9600	1787				
Investment fund	NL0010510814	HOLLANDS BEZIT-G	EUR	64,6500	64,6500	64,6500	23661,9000	5	64,6500	366				
Investment fund	NL0000285609	IDB EQTY INCOME	EUR	48,1300	48,1300	48,1300	14005,8300	1	48,1300	291				
Investment fund	NL0010986428	IDB EUR MID CAP	EUR	61,0900	61,0900	61,0900	36348,5500	2	61,0900	595				
Investment fund	NL0011896972	IDB FIS	EUR											
Investment fund	NL0000285591	IDB REALEST EQT FD	EUR											
Investment fund	NL0009693258	INTEREFF AL BRAZIL	EUR	0,3200	0,3200	0,3200	17659,8400	4	0,3200	55187				
Investment fund	NL0000290427	INTEREFF AL CHINA	EUR	1,4600	1,4600	1,4300	18270,0000	7	1,4300	12700				
Investment fund	NL0000817161	INTEREFF AL INDIA	EUR	0,8200	0,8300	0,8200	26176,0000	7	0,8200	31800				
Investment fund	NL0006477440	INTEREFF AL JAPAN	EUR	1,2000	1,2100	1,2000	14320,0000	3	1,2000	11925				
Investment fund	NL0009347574	IUF SEIF	EUR	125,9300	125,9300	125,9300	737320,1500	6	125,9300	5855				
Investment fund	NL0009486745	IUF SNAIF	EUR	142,3200	142,3200	142,3200	1407544,8000	10	142,3200	9890				
Investment fund	NL0009347566	IUF SWIF	EUR	153,3300	153,3300	153,3300	153,3300	1	153,3300	1				
Investment fund	NL0000293348	KE EUR HGHDV FD N	EUR	6,9300	6,9300	6,9300	7858,6200	6	6,9300	1134				
Investment fund	NL0009296649	KEMPEN EURO PROP	EUR	16,7800	16,7800	16,7800	162682,1000	7	16,7800	9695				
Investment fund	NL0006089229	KEMPEN GBL Hdiv N	EUR	31,6300	31,6300	31,6300	108933,7200	15	31,6300	3444				
Investment fund	NL0000289627	KEMPEN ORANGE FD	EUR	84,3800	84,3800	84,3800	338448,1800	11	84,3800	4011				
Investment fund	NL0000440675	KEMPEN ORANJE PART	EUR											
Investment fund	NL0010610309	KEMPEN PROFIEL 0	EUR	31,1000	31,1000	31,1000	155,5000	1	31,1000	5				
Investment fund	NL0000290468	KEMPEN PROFIEL 2	EUR	33,2100	33,2100	33,2100	94416,0300	4	33,2100	2843				
Investment fund	NL0000290476	KEMPEN PROFIEL 3	EUR	34,1900	34,1900	34,1900	56721,2100	1	34,1900	1659				
Investment fund	NL0000290484	KEMPEN PROFIEL 4	EUR	34,3900	34,3900	34,3900	90789,6000	1	34,3900	2640				
Investment fund	NL0000290492	KEMPEN PROFIEL 5	EUR	34,6500	34,6500	34,6500	208177,2000	4	34,6500	6008				
Investment fund	NL0010558854	KEMPEN SUSTAINABLE	EUR	69,7100	69,7100	69,7100	37573,6900	2	69,7100	539				
Investment fund	NL0012512958	KESVC	EUR											
Investment fund	NL0011821210	KGPFIFNV	EUR	34,2900	34,2900	34,2900	267770,6100	5	34,2900	7809				
Investment fund	NL0012044739	KGPFN	EUR											
Investment fund	IE00BN575V26	LCH Class A	USD											
Investment fund	IE00BN575W33	LCH Class B	EUR											
Investment fund	NL0009692839	LEGENDS FUND	EUR	95,1000	95,1000	95,1000	95,1000	1	95,1000	1				
Investment fund	NL0009756394	LSP LIFE SCIENCES	EUR	248,8200	248,8200	248,8200	34585,9800	2	248,8200	139				
Investment fund	NL0010228730	NBZ	EUR											
Investment fund	NL0000289882	NN BASIC MAT FD	EUR	53,9300	53,9300	53,9300	43521,5100	7	53,9300	807				
Investment fund	NL0000289767	NN DAILY C GDS FD	EUR	80,6100	80,6100	80,6100	32405,2200	8	80,6100	402				
Investment fund	NL0000287993	NN DUTCH FD	EUR	64,5600	64,5600	64,5600	129830,1600	4	64,5600	2011				



Instrument Type	Exchange Instrument ID	Instrument 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	NL00006311789	NN DUURZAAM AAN FD	EUR	33,5500	33,5500	33,5500	259844,7500	6	33,5500	7745				
Investment fund	NL0000293173	NN DYN MIX FD IV	EUR	32,7300	32,7300	32,7300	214119,6600	5	32,7300	6542				
Investment fund	NL0000293157	NN DYN MIX FDI	EUR	30,2300	30,2300	30,2300	46856,5000	5	30,2300	1550				
Investment fund	NL0000293165	NN DYN MIX FDI	EUR	32,1500	32,1500	32,1500	249194,6500	6	32,1500	7751				
Investment fund	NL0000293181	NN DYN MIX FDV	EUR	31,8500	31,8500	31,8500	214477,9000	5	31,8500	6734				
Investment fund	NL0000293140	NN DYNAMIC MIX FDI	EUR	29,1700	29,1700	29,1700	7613,3700	3	29,1700	261				
Investment fund	NL0000292746	NN EDA Fund P	EUR	10,9200	10,9200	10,9200	9631,4400	6	10,9200	882				
Investment fund	NL0000286318	NN EI Fund P	EUR	9,7800	9,7800	9,7800	469,4400	3	9,7800	48				
Investment fund	NL0012125736	NN EISE Fund A P	EUR	21,3800	21,3800	21,3800	62470307,5200	6	21,3800	2921904				
Investment fund	NL0000292225	NN EMERGING EUR FD	EUR	54,4600	54,4600	54,4600	30334,2200	5	54,4600	557				
Investment fund	NL0000289791	NN ENERGY FD	EUR	44,2300	44,2300	44,2300	27511,0600	3	44,2300	622				
Investment fund	NL0012817134	NN EUR DEELN F -P	EUR	36,5100	36,5100	36,5100	40343,5500	9	36,5100	1105				
Investment fund	NL00006311797	NN EUR OBLIG FD	EUR	34,0600	34,0600	34,0600	184094,3000	4	34,0600	5405				
Investment fund	NL00006311730	NN EUR SM CAPS FD	EUR	87,6300	87,6300	87,6300	258946,6500	4	87,6300	2955				
Investment fund	NL0000292332	NN EUROPE FD	EUR	28,2500	28,2500	28,2500	105768,0000	4	28,2500	3744				
Investment fund	NL00006311755	NN FAR EAST FD	EUR	43,3900	43,3900	43,3900	31414,3600	6	43,3900	724				
Investment fund	NL0000286169	NN FINANCIAL FD	EUR	20,6300	20,6300	20,6300	42539,0600	4	20,6300	2062				
Investment fund	NL0000286441	NN FIRSTCLAS OBLIG	EUR	23,1100	23,1100	23,1100	311522,8000	11	23,1100	13480				
Investment fund	NL00006311771	NN GLOB EMR MKT FD	EUR	40,0100	40,0100	40,0100	102585,6400	4	40,0100	2564				
Investment fund	NL00006311839	NN GLOB OBL FD	EUR	14,8600	14,8600	14,8600	598917,4400	4	14,8600	40304				
Investment fund	NL00002965404	NN GLOB OPPORT FD	EUR	34,3300	34,3300	34,3300	459438,3900	8	34,3300	13383				
Investment fund	NL00006311847	NN GLOB R ESTAT FD	EUR	86,4100	86,4100	86,4100	213605,5200	5	86,4100	2472				
Investment fund	NL00006311805	NN GLOBAL FUND	EUR	82,3900	82,3900	82,3900	532486,5700	4	82,3900	6463				
Investment fund	NL00006311813	NN H DIV OBLIG FD	EUR	21,9000	21,9000	21,9000	41829,0000	6	21,9000	1910				
Investment fund	NL0000292274	NN HEALTH CARE FD	EUR	67,3000	67,3000	67,3000	170470,9000	5	67,3000	2533				
Investment fund	NL0000289858	NN HOOG DIV A FD	EUR	31,9800	31,9800	31,9800	833398,8000	12	31,9800	26060				
Investment fund	NL0000289841	NN INDUST FUND	EUR	58,5300	58,5300	58,5300	15803,1000	2	58,5300	270				
Investment fund	NL00006311821	NN INFO TECH FD	EUR	102,6200	102,6200	102,6200	287746,4800	10	102,6200	2804				
Investment fund	NL0000286078	NN JAPAN FD	EUR	16,2800	16,2800	16,2800	75457,8000	6	16,2800	4635				
Investment fund	NL00006311862	NN LION FD	EUR	35,0500	35,0500	35,0500	105956,1500	4	35,0500	3023				
Investment fund	NL0000289684	NN LUXURY C GDS FD	EUR	66,5700	66,5700	66,5700	23099,7900	5	66,5700	347				
Investment fund	NL0000286045	NN NORTH AMER FD	EUR	45,8200	45,8200	45,8200	28179,3000	5	45,8200	615				
Investment fund	NL00006311748	NN PREM DIV FD	EUR	13,9500	13,9500	13,9500	130599,9000	11	13,9500	9362				
Investment fund	NL0000442101	NN RENTE P	EUR	14,7300	14,7300	14,7300	98396,4000	4	14,7300	6680				
Investment fund	NL0010489373	NN SXLTB Fund P	EUR											
Investment fund	NL0000289999	NN TEL SCES FD	EUR	35,1800	35,1800	35,1800	16921,5800	3	35,1800	481				
Investment fund	NL0000289668	NN UTILITIES FD	EUR	49,0100	49,0100	49,0100	5048,0300	6	49,0100	103				
Investment fund	NL0000442077	NN WM Fund P	EUR											
Investment fund	NL0010558805	OPT EuroRente Fd	EUR	25,8900	25,8900	25,8900	51650,5500	2	25,8900	1995				
Investment fund	NL0010558813	OPT Wereld Aand Fd	EUR	36,4200	36,4200	36,4200	175653,6600	2	36,4200	4823				
Investment fund	NL0000287118	OPTIMIX AMERICA FD	EUR	21,1300	21,1300	21,1300	42,2600	2	21,1300	2				
Investment fund	NL0000287126	OPTIMIX EMERG MKTS	EUR	62,5600	62,5600	62,5600	137694,5600	1	62,5600	2201				
Investment fund	NL0000287092	OPTIMIX EUROP-FD D	EUR	114,9800	114,9800	114,9800	85085,2000	1	114,9800	740				
Investment fund	NL0000287084	OPTIMIX INCOM FD C	EUR	36,2600	36,2600	36,2600	491903,1600	1	36,2600	13566				
Investment fund	NL0000287100	OPTIMIX MIX FD E	EUR	30,5600	30,5600	30,5600	446481,6000	1	30,5600	14610				
Investment fund	NL0011354873	RG GMFAC E G	EUR	131,0400	131,0400	131,0400	25552,8000	3	131,0400	195				
Investment fund	NL0011354865	RG WOCE E G	EUR											
Investment fund	NL0000292720	RO PRIVATE EQUITY	EUR											
Investment fund	NL0006238131	ROB AFRIKA FONDS	EUR	105,8600	105,8600	105,8600	5293,0000	1	105,8600	50				
Investment fund	NL0000286615	ROB HOLLANDS BEZIT	EUR											
Investment fund	NL0011896998	ROB QI GL DEV ENH	EUR	113,8700	113,8700	113,8700	6148,9800	3	113,8700	54				
Investment fund	LU0934195610	ROB TOT RET BDS DH	EUR	55,3700	55,3700	55,3700	3488,3100	1	55,3700	63				
Investment fund	NL0010366407	ROBECO GLB ST EQ G	EUR	41,0100	41,0100	41,0100	101335,7100	6	41,0100	2471				
Investment fund	NL0000289783	ROBECO GLB STAR EQ	EUR	38,1700	38,1700	38,1700	43933,6700	5	38,1700	1151				
Investment fund	NL0000289817	ROLINCO	EUR	39,2600	39,2600	39,2600	11581,7000	3	39,2600	295				
Investment fund	NL0010510798	ROLINCO - EUR G	EUR	41,5800	41,5800	41,5800	138170,3400	6	41,5800	3323				
Investment fund	NL0000288736	ROLINCO CUMPRF	EUR											
Investment fund	NL0000290088	T&P ALLEGRETTO FD	EUR	8,9100	8,9100	8,9100	17,8200	2	8,9100	2				
Investment fund	IE00BN575V56	TCH Class A	USD											
Investment fund	IE00BN575Z63	TCH Class B	EUR											
Investment fund	NL0006173007	TCM AFRC HDE	EUR	12,9300	12,9300	12,9300	339981,4200	3	12,9300	26294				
Investment fund	NL0010278073	TCM GL FT HDE	EUR	12,7000	12,7000	12,7000	394436,6000	7	12,7000	31058				
Investment fund	NL0006489189	TCM VIETN HDE	EUR	17,6800	17,6800	17,6800	5551,5200	4	17,6800	314				
Investment fund	NL0000440204	TRIODOS GROENFONDS	EUR	57,5800	57,5800	57,5800	64316,8600	5	57,5800	1117				
Investment fund	NL0011327432	Triodos Mult Impac	EUR	24,8600	24,8600	24,8600	34828,8600	1	24,8600	1401				
Investment fund	NL0000079333	TRIODOS VASTGOED	EUR	2,4300	2,4300	2,4300	2,4300	1	2,4300	1				
Investment fund	NL0010619748	US CONSERV HD EQ G	EUR	41,3100	41,3100	41,3100	298175,5800	7	41,3100	7218				
Investment fund	NL0010831046	US LARGE CAP EQ G	EUR	36,4300	36,4300	36,4300	10418,9800	2	36,4300	286				
Investment fund	LU0237485098	WP STEWART HOLD FD	USD											
Investment fund	LU0237484448	WPSH EUR	EUR											
Other bond	XS1344751968	AAB 0.875%14JAN26	EUR											
Other bond	XS1548458014	AAB 1.125% 12JAN32	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	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	109,4300	109,4500	109,4300	10944,0000	2	109,4500	10000				
Other bond	XS0968926757	AAB 2.5%5SEP2023	EUR											
Other bond	XS0553050724	AAB 2.721%03NOV20	EUR											
Other bond	XS0807189690	AAB 2.786%26JUL29	EUR											
Other bond	XS0956496375	AAB 2.905%31JUL23	EUR											
Other bond	XS0955560353	AAB 2%30JUL19	EUR											
Other bond	XS0940750762	AAB 3.03%5JUN2043	EUR											
Other bond	XS1005291650	AAB 3.1%18DEC33	EUR											
Other bond	XS1003541528	AAB 3.16% 13DEC25	EUR											
Other bond	XS0773649438	AAB 3.22%19APR27	EUR											
Other bond	XS0773367452	AAB 3.43%18APR19	EUR											
Other bond	XS0732631824	AAB 3.5%18JAN22	EUR											
Other bond	XS0543370430	AAB 3.5%21SEP2022	EUR											
Other bond	XS0519053184	AAB 3.625%22JUN20	EUR											
Other bond	XS0765299572	AAB 4.125%28MCH22	EUR											
Other bond	XS0550570955	AAB 4.155%20OCT22	EUR											
Other bond	XS0613145712	AAB 4.25%06APR21	EUR											
Other bond	XS0553805978	AAB 4.42%29OCT25	EUR											
Other bond	XS1055206038	AAB 4.625%16APR19	AUD											
Other bond	XS1693822634	AAB 4.75 PL	EUR											
Other bond	XS0729213131	AAB 4.75%11JAN19	EUR											
Other bond	US00080QAF28	AAB 4.75%28JUL25	USD											
Other bond	XS1264600310	AAB 4.75%28JUL25	USD											
Other bond	XS0592463136	AAB 5.4%18FEB2026	NOK											
Other bond	NL0009980945	AAB 5%09FEB22	EUR	114,9400	114,9700	114,9300	126451,0000	3	114,9700	110000				
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											



Instrument Type	Exchange Instrument ID	Instrument 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	XS0766347933	AAB FRN30MCH24	EUR											
Other bond	XS0227787818	AAB FX MM ZC5OCT20	USD											
Other bond	XS0107382532	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 FRNFB22	NOK											
Other bond	XS0969645109	AAB NOK4.2%10SEP20	NOK											
Other bond	XS0550960313	AAB NOK4.5%20OCT20	NOK											
Other bond	XS0565716122	AAB NOK4.8%03DEC20	NOK											
Other bond	XS1033501666	AAB NOKFRN%18FEB19	NOK											
Other bond	XS1003346829	AAB NZD 6%17JUN19	NZD											
Other bond	XS1032493337	AAB SEKFRN%13FEB19	SEK											
Other bond	XS0779842912	AAB USD ZC22MAY42	USD											
Other bond	XS0779350965	AAB USD ZC24MAY42	USD											
Other bond	XS0766148570	AAB USD ZCSAPR42	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											
Other bond	US00084DAJ90	AAB144A2.45%4JUN20	USD											
Other bond	XS1266142097	AAB2.29%29JUL30	EUR											
Other bond	US00084DAQ34	AAB2.65%19JAN2021	USD											
Other bond	XS1743726835	AAB2.65%19JAN2021	USD											
Other bond	XS1015339218	AAB2%22JUL19	EUR											
Other bond	XS1039671802	AAB3.015%10JUN2026	EUR											
Other bond	XS1041493757	AAB3.125%14MAR19	NOK											
Other bond	XS1871116171	AAB3.4%27AUG2021	USD											
Other bond	US00084DAT72	AAB3.4%27AUG2021	USD											
Other bond	XS1285080740	AAB4.37%08SEP25	AUD											
Other bond	XS1301382500	AAB4.37%8SEP25	AUD											
Other bond	XS1586330604	AAB4.4%27MAR2028	USD											
Other bond	XS1040431519	AAB5.25%17MAR21	AUD											
Other bond	XS1043140075	AAB5.75%17MAR2020	NZD											
Other bond	XS1278718686	AAB5.750%PL	EUR											
Other bond	XS1285364425	AABFRN08SEP2020	EUR											
Other bond	XS1743726918	AABFRN19JAN2021	USD											
Other bond	US00084DAR17	AABFRN19JAN2021	USD											
Other bond	XS1645476125	AABFRN19JUL2022	USD											
Other bond	US00084DAS99	AABFRN27AUG2021	USD											
Other bond	XS1871116338	AABFRN27AUG2021	USD											
Other bond	XS1701271709	AABGBP1.375%7JUN22	GBP											
Other bond	XS1374540760	AABN1.19%7MAR36	EUR											
Other bond	XS1218969746	AABN1.425%17APR45	EUR											
Other bond	XS1199453728	AABN1.75%10MAR20	CAD											
Other bond	XS1324462966	AABN1.795%26NOV35	EUR											
Other bond	XS1307243532	AABN1.803%15OCT35	EUR											
Other bond	XS1376388192	AABN1.862%7MAR2031	EUR											
Other bond	XS1325221031	AABN1.875%25NOV27	EUR											
Other bond	XS1381583902	AABN1.919%18MAR31	EUR											
Other bond	XS1265350238	AABN2.126%27JUL27	EUR											



Instrument Type	Exchange Instrument ID	Instrument 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	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	AABNFRNJAN2019	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	XS1253955469	AABREGS2.875%JUN25	EUR											
Other bond	XS1246723503	AABSGD3.43%19JUN25	SGD											
Other bond	XS0619548216	ABN 6.375%27APR21	EUR											
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	104,7500	104,8900	104,7400	281982,1000	35	104,8800	269000				
Other bond	XS1722558258	ACHMEAB0.375%NOV24	EUR											
Other bond	NL0000120889	AEGON 4.26%PL	NLG	90,2500	90,2500	90,0000	26580,6200	6	90,0000	65000				
Other bond	NL0000120004	AEGON FRN PL	NLG	78,1000	78,9000	77,9500	51471,5900	6	78,9000	145000				
Other bond	NL0000116150	AEGON 1.769%PL	EUR	77,7000	77,7300	77,4500	122105,4200	9	77,4500	157200				
Other bond	NL0000116168	AEGON USD 1.709%PL	USD											
Other bond	NL0000121416	AEGON1.425%PL	NLG	68,1000	68,2500	67,8000	143784,0500	17	68,2000	465000				
Other bond	XS0473964509	AEGON6.625%16DEC39	GBP											
Other bond	XS1637329639	AEGONB0.75%JUN27	EUR											
Other bond	XS1327151228	AEGONBNK0.25%DEC20	EUR											
Other bond	XS1529854793	AEGONNV1%08DEC2023	EUR											
Other bond	XS1418849482	AGN 0.25%25MAY23	EUR											
Other bond	XS1720933297	AGN 0.375%21NOV24	EUR											
Other bond	XS1061711575	AGN 4%25APR44	EUR											
Other bond	XS1787477543	AHOLD1.125%19MAR26	EUR											
Other bond	XS1685798370	AHOLDDE0.875%SEP24	EUR											
Other bond	XS1787517199	AHOLDDELFRN19MAR21	EUR											
Other bond	XS0208105055	AIB UK I 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	DE000A0GNP23	ALLIANZF2 5 3/8%PL	EUR	107,9900	108,2000	107,9900	59499,5000	2	108,2000	55000				
Other bond	DE000A0DX3M2	ALPHA GRP 6%PLD	EUR											
Other bond	XS0201790317	ANGLOIRISH FRNPLD	EUR											
Other bond	XS1079817489	ARE14A1FRN%17APR46	EUR											
Other bond	XS1079818883	ARE14A2FRN%17APR46	EUR											
Other bond	XS1079819691	ARE14A3 1.136APR46	EUR											
Other bond	XS1410513425	AREN0.273%17JUN48	EUR											
Other bond	XS1135365788	AREN14IIA1FRNOCT46	EUR											
Other bond	XS1135365515	AREN14IIA2FRNOCT46	EUR											
Other bond	XS1135366240	AREN14IIA3FRNOCT46	EUR											
Other bond	XS1410512963	ARENA2FRN17JUN2048	EUR											
Other bond	XS0355225060	ARENA7I FRNOCT49	EUR											
Other bond	XS0392640990	ARENA7I FRNOCT49	EUR											
Other bond	XS1410512534	ARENAFRN17JUN2048	EUR											
Other bond	US04011NAP33	ARGENTINAZC28MAY21	EUR											
Other bond	US04011NAQ16	ARGENTINAZC28MAY26	EUR											
Other bond	US04011NAR98	ARGENTINAZC28MAY28	EUR											
Other bond	XS1293505639	ASR 5.125%29SEP45	EUR											
Other bond	NL00009213545	ASR NL 10% PL	EUR	109,5000	109,5000	109,1500	90770,1600	6	109,1500	83000				
Other bond	NL00009213552	ASR NL 7.25% PL	EUR	106,3000	106,5000	106,3000	105355,0000	7	106,5000	99000				



Instrument Type	Exchange Instrument ID	Instrument 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	XS1115800655	ASRNED5%PL	EUR	107,5000	107,5000	107,0000	7515,0000	2	107,0000	7000				
Other bond	XS0188935174	AXA FRNPL	EUR	102,5000	102,5000	102,5000	4100,0000	1	102,5000	4000				
Other bond	XS0203470157	AXA FRNPL	EUR											
Other bond	DE000A0DD4K8	BA CA FIN 2.342%PL	EUR											
Other bond	DE000A0DEJU3	BANC ESPA FRNPL	EUR											
Other bond	XS0205497778	BANCAJA 4.625%PLD	EUR											
Other bond	DE000A0DE4Q4	BANCO ESP.2 5.5%PL	EUR											
Other bond	XS0234546538	BANKOFAMERIC6%2020	EUR											
Other bond	NL0009631944	BEST10A 1.235%99	EUR											
Other bond	NL0009631951	BEST10B 1.335%99	EUR											
Other bond	NL0009631969	BEST10C 1.435%99	EUR											
Other bond	NL0009631977	BEST10D 1.535%99	EUR											
Other bond	DE000A0DYW70	BNC AUSTR FRNPL	EUR											
Other bond	XS0300654331	BNG 4.525%32	EUR											
Other bond	XS0106117764	BNG 6.020%28	EUR											
Other bond	XS0702058156	BNG 1.728%04JAN21	EUR											
Other bond	XS0478263816	BNG 3.75%14JAN20	EUR											
Other bond	XS0463097237	BNG 3.875%04NOV19	EUR											
Other bond	XS0630644168	BNG 3.875%26MAY23	EUR											
Other bond	XS0695263730	BNG 3%25OCT21	EUR											
Other bond	XS0494995318	BNG 4.167%18MAR30	EUR											
Other bond	XS0341306396	BNG 4.375%20	EUR											
Other bond	XS0192967171	BNG 5.21%15DEC25	EUR											
Other bond	XS0162420045	BNG AUD ZC20DEC18	AUD											
Other bond	CA629435AC25	BNG CAD 4.55%19	CAD											
Other bond	CA063806AA12	BNG CAD ZCAPR28	CAD											
Other bond	CH0021894602	BNG CHF 2 1/2%25	CHF											
Other bond	CH0022721762	BNG CHF 2 1/4%20	CHF											
Other bond	CH0031409177	BNG CHF 3.25%37	CHF											
Other bond	XS0537711144	BNG EUR 2.625%20	EUR											
Other bond	XS0671689502	BNG FRN05OCT21	EUR	102,2900	102,2900	102,2900	2045,8000	1	102,2900	2000				
Other bond	XS0575962286	BNG FRN9FEB21	EUR	102,0100	102,0800	101,9100	192797,9000	8	101,9100	189000				
Other bond	XS0106561094	BNG GBP 5 3/4%19	GBP											
Other bond	XS0092607497	BNG GBP 5 3/8%21	GBP											
Other bond	XS0096806590	BNG GBP 5.200%28	GBP											
Other bond	XS0809685158	BNG GBP1.875%DEC18	GBP											
Other bond	XS0405267062	BNG USD 5.23%38	USD											
Other bond	XS0465793643	BNG USD ZC18NOV39D	USD											
Other bond	XS0823045843	BNG ZAR Z%31AUG27	ZAR											
Other bond	XS0845463990	BNG ZAR ZC18OCT22	ZAR											
Other bond	XS0076219491	BNG ZAR ZC29DEC20	ZAR											
Other bond	XS0085675493	BNG ZAR ZC31DEC18	ZAR											
Other bond	XS0085176661	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	XS0465301108	BNG2USD ZC17NOV39D	USD											
Other bond	XS0465301017	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											



Instrument Type	Exchange Instrument ID	Instrument 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	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	76,6100	76,6100	76,6100	3830,5000	1	76,6100	5000				
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	127,3000	127,4900	127,1300	260674,5000	8	127,1300	205000				
Other bond	XS1076781589	DELTALLOYDFRNPL	EUR	104,5100	104,5100	104,5100	21947,1000	2	104,5100	21000				
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											
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	79,0000	79,0000	79,0000	790,0000	1	79,0000	1000				
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											



Instrument Type	Exchange Instrument ID	Instrument 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	XS0272209163	EDAM06-7 FRNOCT22D	EUR											
Other bond	XS0272211656	EDAM6-9USD0.25%22D	USD											
Other bond	XS1744727774	EDML18AFRN28JAN57	EUR											
Other bond	XS1744728749	EDML18BFRN28JAN57	EUR											
Other bond	XS1744729044	EDML18CFRN28JAN57	EUR											
Other bond	XS1744729127	EDML18DFRN28JAN57	EUR											
Other bond	XS1744729390	EDML18EFRN28JAN57	EUR											
Other bond	XS1744729473	EDML18FRN28JAN57	EUR											
Other bond	XS1744734556	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	EDMLFRNOCT55	EUR											
Other bond	XS1626193657	EDMLRSZCOCT55	EUR											
Other bond	XS0234821345	EFGHELLAS FL 6%PLD	EUR											
Other bond	XS0224480722	EIB FRN17AUG30D	EUR											
Other bond	XS0229097547	EIB FX/FL FRNOCT25	EUR	102,9300	104,9300	102,9300	47467,8000	2	104,9300	46000				
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	ESSENCV10.3%JUL57	EUR											
Other bond	XS1529559525	EUROCL1.125%7DEC26	EUR											
Other bond	XS0255154717	FB LUX CCF FRN21	EUR											
Other bond	XS1315157153	FMO 0.125%4NOV20	EUR											
Other bond	XS1758747718	FMO 0.75%29NOV23	SEK											
Other bond	XS1121265117	FMO 4.75%16OCT19	NZD											
Other bond	XS1033747079	FMO FRN 27MCH21	EUR											
Other bond	XS1124401511	FMO FRN%21OCT19	USD											
Other bond	XS1020305832	FMO FRN%29JAN21	EUR											
Other bond	XS1219963672	FMO0.125%20APR22	EUR											
Other bond	XS1117279379	FMO1.5%08DEC25	EUR											
Other bond	XS1396344621	FMONEDFRN18APR2019	USD											
Other bond	XS1756483480	FORDLEST18FRNFEB54	EUR											
Other bond	DE000A0EUBN9	FURSTEN2 5 5/8%PL	EUR											
Other bond	XS0216072230	FURSTENB 5.344%PL	EUR											
Other bond	XS1892117919	GASUN1.375%16MAR28	EUR											
Other bond	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	HERMESXIIIE1.363%38	EUR											
Other bond	XS0311660392	HHOMOR2 2A FRN39	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	XS0311660806	HHOMOR2 B FRN39	EUR											
Other bond	XS1240962511	HIGHWAY15AFRNMAY25	EUR											
Other bond	XS0221141400	HSHPHERE 7.25%PLD	USD											
Other bond	DE000A0AMCG6	HYBRAIS 6.625%54D	EUR											
Other bond	NL0010511101	HYPENA2 2.46%NOV97	EUR											
Other bond	NL0010511119	HYPENA3 2.93%NOV97	EUR											
Other bond	NL0010739371	HYPENIA2FRNFEB46	EUR											
Other bond	NL0011474077	HYPENNA42FRNOCT97	EUR											
Other bond	NL0011821129	HYPENNA51FRNOCT97	EUR											
Other bond	NL0011821137	HYPENNA52FRNOCT97	EUR											
Other bond	NL0011984489	HYPENNA6FRNSEP2097	EUR											
Other bond	NL0010739389	HYPENIA3 1.64%FB46	EUR											
Other bond	NL0000122489	ING 5 1/4%19	EUR											
Other bond	XS1080078428	ING 1.25%13DEC19	EUR											
Other bond	XS1730885073	ING 1.375%11JAN28	EUR											
Other bond	XS0935034651	ING 1.875% 22MAY23	EUR											
Other bond	XS0873155252	ING 2.03%11JAN23	EUR											
Other bond	XS0893311299	ING 2.35%21OCT24	EUR											
Other bond	XS1564394796	ING 2.5%15FEB29	EUR											
Other bond	XS0820867223	ING 2%28AUG20	EUR											
Other bond	XS0705071297	ING 3.2168%7NOV31	EUR											
Other bond	XS0767706111	ING 3.25%03APR19	EUR											
Other bond	XS0834945650	ING 3.25%26SEP22	EUR											
Other bond	XS0728783373	ING 3.375%10JAN22	EUR											
Other bond	XS1037382535	ING 3.625%25FEB26	EUR											
Other bond	XS0563447993	ING 3.875%03DEC20	EUR											
Other bond	XS1634362054	ING 4.25%23JUN32	USD											
Other bond	XS0748187902	ING 4.5%21FEB22	EUR											
Other bond	XS0555431278	ING 4.715%02NOV20	NOK											
Other bond	XS0579847673	ING 4.875%18JAN11	EUR											
Other bond	XS0479696204	ING 4%17JAN20	EUR											
Other bond	XS0842216276	ING CB FRN12OCT20	EUR											
Other bond	XS0097222466	ING FRN19MAY19	EUR											
Other bond	XS0523524790	ING FRN27SEP20	EUR											
Other bond	XS0618011463	ING GBP5.375%APR21	GBP											
Other bond	XS0752263730	ING NOK 4.7%7MCH27	NOK											
Other bond	XS0862694816	ING NOK 4%17DEC27	NOK											
Other bond	XS0552397118	ING NOK4.6%27OCT20	NOK											
Other bond	XS0831430292	ING NOK4.9%27SEP22	NOK											
Other bond	XS0672356226	ING NOK5.03%7SEP26	NOK											
Other bond	XS0587741546	ING NOK5.19%3FEB21	NOK											
Other bond	XS0629082032	ING NZD7.4%26MAY21	NZD											
Other bond	XS0811904456	ING USD 3.15%AUG32	USD											
Other bond	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	81,6500	82,4500	81,6500	78087,5000	8	82,4500	95000				
Other bond	NL0000113587	INGGROEP FRNPL	EUR	84,7500	85,0000	84,7500	136812,5000	9	85,0000	161000				
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											



Instrument Type	Exchange Instrument ID	Instrument 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	XS0194983366	JYSKE BANK FRNPL	EUR											
Other bond	XS0997385967	KIGOIFRN27JAN64	EUR											
Other bond	XS0411850075	KONINKPN 7.5% 19	EUR	101,7500	101,7500	101,7500	30525,0000	1	101,7500	30000				
Other bond	XS0811124790	KPN 3.25%01FEB21	EUR											
Other bond	XS0543354236	KPN 3.75%21SEP20	EUR											
Other bond	XS0752092311	KPN 4.25%01MCH22	EUR											
Other bond	XS0677389347	KPN 4.50%4OCT21	EUR											
Other bond	XS0454773713	KPN 5.625%30SEP24	EUR											
Other bond	XS0451790280	KPN 5.75%17SEP29	GBP											
Other bond	XS0707430947	KPN GBP 5%18NOV26	GBP											
Other bond	XS0303070113	KPN GBP 6%19	GBP											
Other bond	XS0903872603	KPN GBP FRN14MCH73	GBP											
Other bond	USN7637QAC70	KPN USD 8 3/8%30	USD											
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	LEASPLAN0.82%APR19	EUR											
Other bond	XS1068010377	LEASPLAN1.66%DEC18	EUR											
Other bond	XS0229584296	LEHMAN 7.25%35D	EUR											
Other bond	XS0282978666	LEHMAN 5.75%PLD	EUR											
Other bond	XS0215349357	LEHMAN 6.625%PLD	EUR											
Other bond	XS0301813522	LEHMAN 6.9%PLD	USD											
Other bond	XS0232364868	LEHMAN 6%35D	EUR											
Other bond	XS0213416141	LEHMAN 8.25%MRT35D	EUR											
Other bond	XS0210433206	LEHMAN FRCMS6%35D	EUR											
Other bond	XS0218304458	LEHMAN STEEP 7%35D	EUR											
Other bond	XS0988484878	LOWLAND3A1FRNSEP45	EUR											
Other bond	XS1551596775	LOWLAND4FRNFEB2054	EUR											
Other bond	XS1815297095	LOWLAND51%18MAY55	EUR											
Other bond	XS1815296014	LOWLAND5FRN18MAY55	EUR											
Other bond	XS0988486493	LOWLANDA23.5%SEP45	EUR											
Other bond	XS1551596858	LOWLANDIV1%FEB2056	EUR											
Other bond	XS1895558143	LOWLAVIA21%18OCT55	EUR											
Other bond	XS1895557848	LOWLVIA1FRN18OCT55	EUR											
Other bond	XS1301052202	LUCHTHAVENS2%OCT26	EUR											
Other bond	NL0000117430	MAN AHL FRNNOV20D	EUR											
Other bond	XS0211328538	MBIA GF FRN15FEB3	EUR											
Other bond	XS1114467415	MGNSTANLEYFRNDEC18	USD											
Other bond	XS0271447210	MONAS06B FRNNOV44	EUR											
Other bond	XS0271448457	MONAS06C FRNNOV44	EUR											
Other bond	XS0271450784	MONAS06D FRNNOV44	EUR											
Other bond	XS0201262309	MONAST A2 1.003%37	EUR											
Other bond	XS0201263372	MONAST C 1.463%37	EUR											
Other bond	XS0201263612	MONAST D 2.413%37	EUR											
Other bond	XS0201264008	MONAST E 3.413%37	EUR											
Other bond	XS0201264180	MONAST F 4.413%37	EUR											
Other bond	XS0202244017	MONAST G 4.413%37	EUR											
Other bond	XS0271446592	MONAST06A2 FRN44	EUR											
Other bond	XS0201262721	MONASTI B 1.283%37	EUR											
Other bond	XS0257884436	NEDGAS 4 1/2%21	EUR											
Other bond	XS0804217536	NEDGAS 2.625%JUL22	EUR											
Other bond	XS0690606172	NEDGAS 3.625%OCT21	EUR											
Other bond	XS1520713022	NEDGAS0%18NOV19	EUR											
Other bond	XS1409382030	NEDGASUNIE1%MAY26	EUR											
Other bond	XS0195051114	NEDWBK 5.15%24	EUR											
Other bond	XS0193072559	NEDWBK 1.152%19	EUR											
Other bond	XS0212342066	NEDWBK 3 7/8%20	EUR											
Other bond	XS0130092793	NEDWBK 5 3/8%32	GBP											
Other bond	CA639832AA25	NEDWBK CAD 5.2%25	CAD											
Other bond	XS0611951814	NEDWBK FRN27APR21	EUR	102,0300	102,1900	102,0300	104078,6000	6	102,0300	102000				



Instrument Type	Exchange Instrument ID	Instrument 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	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	106,5000	106,5000	106,5000	31950,0000	4	106,5000	30000				
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	XS1753809141	NIBCAN1%24JAN2028	EUR											
Other bond	XS1891426766	NIBCB2.105%10OCT33	EUR											
Other bond	XS1877512258	NIBCBAN1%11SEP2028	EUR											
Other bond	XS1687263258	NIBCBKFRN20SEP19	EUR											
Other bond	XS1070004707	NIBCFRN23MAY19	EUR											
Other bond	XS1033023745	NL MTN 1% 18FEB19	EUR											
Other bond	XS1550988569	NN 0.875 13JAN23	EUR											
Other bond	XS1550988643	NN 4.625 13 JAN48	EUR											
Other bond	NL0013019375	NNBAN0.625%11SEP25	EUR											
Other bond	NL0012650477	NNBANK0.5%10OCT24	EUR											
Other bond	NL0013088990	NNBANK1%25SEP2028	EUR											
Other bond	XS1623355374	NNGROUP0.25%1JUN20	EUR											
Other bond	XS1204254715	NNGROUP1%18MAR22	EUR											
Other bond	XS1028950290	NNGROUP4.5%PL	EUR	104,0100	104,6000	104,0100	114876,0000	5	104,3500	110000				
Other bond	XS1054522922	NNGROUP4.625%APR44	EUR	109,7300	109,7300	109,7300	109730,0000	3	109,7300	100000				
Other bond	XS1623355457	NNGRP1.625%1JUN27	EUR											
Other bond	XS0200668256	NORDEA BK FRNPL	EUR											
Other bond	XS0232189331	NORDIC IB FRNOCT25	EUR											
Other bond	XS0592584519	NWB FRN25FEB260	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											



Instrument Type	Exchange Instrument ID	Instrument 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	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	PUSTOM16EFRNAUG52	EUR											
Other bond	XS0954910146	RABO 3.875%25JUL23	EUR											
Other bond	XS0576532054	RABO 4.125%12JAN21	EUR											
Other bond	XS1155699371	RABO1.055%18DEC23	EUR											
Other bond	XS1382784509	RABO1.25%23MAR2026	EUR											
Other bond	XS1180130939	RABO1.375%3FEB27	EUR											
Other bond	XS1771890578	RABO1.514%22FEB38	EUR											
Other bond	XS1020295348	RABO1.75%22JAN19	EUR											
Other bond	XS1069772082	RABO2.5%26MAY26	EUR											
Other bond	XS1069886841	RABO4.625%23MAY29	GBP											
Other bond	XS1592433038	RABOBAN4%10APR2029	USD											
Other bond	XS1171914515	RABOBANK5.5%PL	EUR											
Other bond	XS1753042313	RABOBANKFRN17JAN20	EUR											
Other bond	XS0429484891	RABOBNEED 5.875%19	EUR											
Other bond	XS0368541032	RABOBNEED 6.567% PL	GBP											
Other bond	XS1002121454	RABOCERTIFFRNLPL	EUR	113,5000	113,7000	113,3500	3764420,0400	286	113,4500	3314400				
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											
Other bond	XS0557252417	RB 3.75%09NOV20	EUR											
Other bond	XS0478074924	RB 4.125%14JAN20	EUR											
Other bond	XS0525602339	RB 4.125%14JUL25	EUR											
Other bond	XS0826634874	RB 4.125%14SEP22	EUR											
Other bond	XS0349975861	RB 4.9325%33	EUR											
Other bond	XS0728812495	RB 4%11JAN22	EUR											
Other bond	XS0496281618	RB 6.875% 19MAR20	EUR											
Other bond	XS0439192617	RB CALL ZC16JUL39	USD											
Other bond	XS0304159576	RB FIX RAT 4.75%22	EUR											
Other bond	XS1046796253	RB FRN%20MCH19	EUR											
Other bond	XS0609140529	RB FRN04APR24	EUR											
Other bond	XS0517244538	RB FRN09JUL20D	EUR											
Other bond	XS0629170837	RB FRN22JUN21	EUR											
Other bond	XS0607109377	RB FRN27APR21	EUR	107,5000	107,5000	107,5000	16125,0000	1	107,5000	15000				
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	DE000A0E6C37	RB SCOTL 5.25%PL	EUR	100,5100	100,5100	100,5100	50255,0000	1	100,5100	50000				
Other bond	XS0205935470	RB SCOTL 5.5%PL	EUR	100,5500	100,5500	100,5500	2011,0000	1	100,5500	2000				
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	RBCALL 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											



Instrument Type	Exchange Instrument ID	Instrument 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	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	102,7500	103,9000	102,7500	31058,1000	4	103,9000	30000				
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	115,7000	116,0000	115,7000	30145,0000	5	116,0000	26000				
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	STM14IIIA2FRNFEB53	EUR											
Other bond	XS1022033135	STO14A FRN%22MCH49	EUR											
Other bond	XS1022034372	STO14B FRN%22MCH49	EUR											
Other bond	XS1022034455	STO14C FRN%22MCH49	EUR											
Other bond	XS1022034539	STO14D FRN%22MCH49	EUR											
Other bond	XS1865824111	STOR18IIFRN22SEP65	EUR											
Other bond	XS1197737684	STORM15AFRN22JUN54	EUR											
Other bond	XS1197753376	STORM15BFRN22JUN54	EUR											
Other bond	XS1197758250	STORM15CFRN22JUN54	EUR											
Other bond	XS1197763417	STORM15DFRN22JUN54	EUR											
Other bond	XS1271705334	STORM15IBAFRNJUN54	EUR											
Other bond	XS1271705177	STORM15IIAFRNJUN54	EUR											
Other bond	XS1271705417	STORM15IIICFRNJUN54	EUR											
Other bond	XS1271705680	STORM15IIDFRNJUN54	EUR											
Other bond	XS1336735805	STORM16IA1FRNAPR54	EUR											
Other bond	XS1336738221	STORM16IA2FRNAPR54	EUR											
Other bond	XS1336739039	STORM16IBFRNAPR54	EUR											
Other bond	XS1336739625	STORM16ICFRNAPR54	EUR											
Other bond	XS1336740805	STORM16IDFRNAPR54	EUR											
Other bond	XS1336743148	STORM16IEFRNAPR54	EUR											
Other bond	XS1477681255	STORM16IIAFRNAUG63	EUR											
Other bond	XS1477681339	STORM16IIBFRNAUG63	EUR											
Other bond	XS1477681503	STORM16IIICFRNAUG63	EUR											
Other bond	XS1477682147	STORM16IIIDFRNAUG63	EUR											
Other bond	XS1477682493	STORM16IIIEFRNAUG63	EUR											
Other bond	XS1628023134	STORM17FRN22MAY64	EUR											
Other bond	XS1729913514	STORM18FRN22JAN65	EUR											
Other bond	XS0514796704	STRM10II E FRN52	EUR											
Other bond	XS0537424326	STRM10III E FRN52	EUR											
Other bond	XS0563148906	STRM10IV E FRN52	EUR											
Other bond	XS0608462866	STRM11III E FRN53	EUR											
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											



Instrument Type	Exchange Instrument ID	Instrument 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	XS1241581179	TENNETH0.875%JUN21	EUR											
Other bond	XS1241581096	TENNETH1.75%JUN27	EUR											
Other bond	XS1432384409	TENNETH1.875%JUN36	EUR											
Other bond	XS1432384664	TENNETH1%13JUN2026	EUR											
Other bond	XS0219992616	TOPAZ J3 FRNMAY20D	JPY											
Other bond	XS1560644830	UN GBP1.125%3FEB22	GBP											
Other bond	XS1654191623	UNI 0 PCT31JUL21	EUR											
Other bond	XS1566100977	UNI 0.375%14FEB23	EUR											
Other bond	XS1654192191	UNI 0.875% 31JUL25	EUR											
Other bond	XS1654192274	UNI 1.375% 31JUL29	EUR											
Other bond	XS1048655184	UNI 2%19DEC2018	GBP											
Other bond	XS1566101603	UNI1%14FEB27	EUR											
Other bond	XS1769090728	UNIL0.5%12FEB2023	EUR											
Other bond	XS1873208950	UNIL0.5%6JAN2025	EUR											
Other bond	XS1769090991	UNIL1.125%12FEB27	EUR											
Other bond	XS1873209172	UNIL1.375%4SEP2030	EUR											
Other bond	XS1769091296	UNIL1.625%12FEB33	EUR											
Other bond	XS1684780031	UNILEVE1.375%SEP24	GBP											
Other bond	XS1684780205	UNILEVE1.875%SEP29	GBP											
Other bond	XS1403014936	UNILEVER0.5%APR24	EUR											
Other bond	XS1178970106	UNILEVER0.5%FEB22	EUR											
Other bond	XS1403010512	UNILEVER0%APR20	EUR											
Other bond	XS0957258212	UNILEVER1.75%AUG20	EUR											
Other bond	XS1241577490	UNILEVER1%JUN23	EUR											
Other bond	XS1403015156	UNILEVR1.125%APR28	EUR											
Other bond	IT0003758320	VELA A2 FRNMCH51	EUR											
Other bond	XS1736944072	VESTE1.899%15DEC27	EUR											
Other bond	XS1736944239	VESTE2.478%15DEC32	EUR											
Other bond	XS1089859505	VESTEDA1.75%JUL19	EUR											
Other bond	XS1311331117	VESTEDA2.5%27OCT22	EUR											
Other bond	XS1854166078	VESTEDA2%10JUL2026	EUR											
Other bond	XS1600704982	VIVAT2.375%17MAY24	EUR											
Other bond	XS1224002474	VLANS0.275%28APR22	EUR											
Other bond	XS1387192435	VLANS0.375%31MAR23	EUR											
Other bond	XS1565570212	VLANS0.875%15FEB27	EUR											
Other bond	NL00009706597	VLANSCHBFRN04APR24	EUR											
Other bond	XS0544664989	VOLKS 3.50%28SEP20	EUR											
Other bond	XS0209792166	VOLKS FRNJAN35	EUR											
Other bond	XS1614202049	VOLKS0.75%18MAY27	EUR											
Other bond	XS1648236013	WEREL1.702%17JUL25	EUR											
Other bond	XS0109346139	WUH 6.315%20	EUR											
Right	NL0012747067	DUTCH STAR C WAR	EUR											
Right	NL0000009322	PHILIPS BUY BACK	EUR											
Right	NL0011556972	ROODMICROTECWAR2	EUR	0,0220	0,0220	0,0220	0,0900	1	0,0220		4			
Share	NL0000852564	AALBERTS INDUSTR	EUR	32,8800	33,5700	32,7900	16418565,6200	3437	33,4600	491701				
Share	NL0011540547	ABN AMRO Group	EUR	22,2200	22,4600	22,1400	45523402,8000	6973	22,2800	2041227				
Share	NL0009767532	ACCELL GROUP	EUR	16,1600	16,5200	15,8000	1848501,6800	511	15,9000	114426				
Share	GB008QQFX454	ACCSYS	EUR	1,1200	1,1600	1,1100	483299,8200	104	1,1500	424829				
Share	NL0012969182	ADYEN	EUR	585,0000	596,5000	576,1000	37070353,5000	5514	581,0000	63004				
Share	NL0000303709	AEGON	EUR	5,4960	5,5100	5,4460	31468470,8800	5119	5,4580	5750016				
Share	NL0011794037	AHOLD DEL	EUR	20,3900	20,4950	20,2800	90089119,7900	10867	20,3450	4426042				
Share	NL0000018034	AJAX	EUR	13,2000	13,2000	13,0000	63504,5500	29	13,1500	4828				
Share	NL0000009132	AKZO NOBEL	EUR	76,0000	76,1000	75,2200	39215641,9200	4453	75,2800	518987				
Share	NL0012817175	ALFEN	EUR	14,4480	15,5000	14,3500	639614,2900	359	15,0000	43097				
Share	NL0011333760	ALTICE EUROPE B	EUR	2,1180	2,1700	2,0880	132562,9600	208	2,1460	62257				
Share	NL0011333752	ALTICE EUROPE N.V.	EUR	2,1000	2,1800	2,0710	21082725,4200	5399	2,1370	9942066				
Share	NL0012194724	ALUMEXX N.V.	EUR	0,5200	0,5400	0,5100	27404,0100	44	0,5200	52248				
Share	NL0000888691	AMG	EUR	44,8800	45,5000	43,7400	15965656,4800	3346	44,0800	358367				
Share	NL0000313286	AMSTERDAM COMMOD.	EUR	18,5000	18,9800	18,5000	128194,2200	107	18,8000	6794				
Share	NL0000430106	AND INTERNATIONAL	EUR	2,6000	2,6100	2,3700	10379,6900	14	2,5900	4196				
Share	GB00815Y0C52	AP ALTERNAT ASSETS	USD	0,1200	0,1300	0,1200	18264,3000	21	0,1300	169186				
Share	LU0569974404	APERAM	EUR	31,9800	32,2100	31,0800	12709323,5000	3837	31,3000	403414				
Share	NL00006237562	ARCADIS	EUR	12,0000	12,1500	11,8900	2691450,1500	948	11,9300	224054				
Share	LU1598757687	ARCELORMITTAL SA	EUR	23,1200	23,5000	22,2850	187900049,6700	27046	22,2850	8220268				
Share	NL0000334118	ASM INTERNATIONAL	EUR	43,1700	43,5500	41,1500	14727492,4000	2780	41,3900	351685				
Share	NL0010273215	ASML HOLDING	EUR	155,0000	158,1000	152,2200	319082950,0600	33151	152,9000	2057043				
Share	NL0011872643	ASR NEDERLAND	EUR	40,9400	41,0200	40,2400	20957664,7800	3059	40,8000	514917				
Share	JE00B3DCF752	ATRIUM EUR REALEST	EUR	3,6950	3,7000	3,6950	495,5300	2	3,7000	134				
Share	NL0012047823	AVANTIUM	EUR	3,7850	3,7850	3,5050	138568,8700	120	3,5050	38321				
Share	LU1789205884	B&S Group	EUR	15,2540	15,4400	14,7500	157324,1600	137	15,1200	10301				
Share	NL0000337319	BAM GROEP KON	EUR	3,0700	3,1200	3,0650	5084663,7200	1378	3,0670	1646115				
Share	NL0011872650	BASIC-FIT	EUR	26,0000	27,8500	25,8000	2877955,0500	864	27,8500	105662				



Instrument Type	Exchange Instrument ID	Instrument 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	NL0006292906	BATENBURG TECHNIK	EUR	43,0000	43,0000	42,2000	4741,0000	3	42,2000	111				
Share	NL0012866412	BE Semiconductor	EUR	19,9000	20,3600	19,8000	24912636,3400	5178	20,0800	1239584				
Share	NL0000339703	BETER BED	EUR	4,6400	4,6500	4,3600	769916,5100	380	4,5300	170334				
Share	NL0000285278	BEVER HOLDING	EUR											
Share	NL0000335578	BINCKBANK	EUR	4,3600	4,4150	4,3500	778002,1500	516	4,3750	177326				
Share	NL0000852580	BOSKALIS WESTMIN	EUR	25,2000	25,4800	25,1900	5902071,9400	1405	25,4300	232885				
Share	GG0081XFMJ13	BOUSSARD GAVAUD C	EUR											
Share	GG0081FQG453	BOUSSARD GAVAUDAN	EUR	17,6000	18,0000	17,3000	171408,5000	27	17,7000	9761				
Share	GG00839VMM07	BOUSSARD GHL GBP	GBP											
Share	NL0000442523	BRILL KON	EUR	21,6000	21,6000	19,6000	80457,5000	42	19,8000	3922				
Share	CA1125851040	BROOKFIELD ASSET M	EUR											
Share	NL0010776944	BRUNEL INTERNAT	EUR	12,5600	13,3400	12,4200	12072828,3400	2840	12,6600	939113				
Share	GB008BDCPN049	COCA-COLA EUROPEAN	EUR	40,4000	40,4000	39,8800	3329898,5200	539	40,1600	82906				
Share	NL0010583399	CORBION	EUR	27,0400	27,2600	25,3200	3972976,6800	1188	25,6000	153355				
Share	NL0000200384	CORE LABORATORIES	EUR	76,0000	78,0000	76,0000	9888,0000	4	78,0000	130				
Share	NL0000345577	CTAC	EUR	3,0600	3,1800	3,0600	18562,5600	12	3,1800	6026				
Share	NL0011509294	CURETIS	EUR	2,5100	2,7800	2,3300	221250,3100	183	2,6500	87294				
Share	NL0009169515	DGB GROUP N.V.	EUR	0,8100	0,8100	0,7300	24423,1700	34	0,7700	31783				
Share	NL0009197771	DPA GROUP	EUR	1,5900	1,6500	1,5900	83862,9800	45	1,6500	51488				
Share	NL0000009827	DSM KON	EUR	80,0800	81,9600	79,7000	128398163,3400	14100	81,3800	1580476				
Share	NL0012747059	DUTCH STAR C SHAR	EUR											
Share	NL0000345627	EASE2PAY NV	EUR	2,2400	2,3300	2,2100	357484,2100	206	2,2100	158486				
Share	NL0009901610	ENVIPCO	EUR	11,1000	11,2000	11,1000	2251,1000	2	11,2000	201				
Share	NL0009272137	ESPERITE	EUR	0,1700	0,1768	0,1690	59784,3900	63	0,1694	349010				
Share	GB008B9QM994	EUROCASTLE INVEST.	EUR	6,0000	6,3400	5,9400	225049,1600	79	5,9600	37209				
Share	NL0000288876	EUROCOMMERCIAL	EUR	33,0800	33,1000	32,5000	1914389,1800	443	32,7000	58546				
Share	NL0011279492	FLOW TRADERS	EUR	27,7800	28,0600	27,3000	4531800,3200	1055	28,0400	163143				
Share	NL0011832811	FORFARMERS	EUR	9,5400	9,6500	9,2500	2281868,0400	911	9,2600	242569				
Share	NL0000352565	FUGRO	EUR	11,1950	11,3750	11,0250	7488532,2100	1618	11,0800	670195				
Share	BE0003818359	GALAPAGOS	EUR	94,0000	95,7800	92,7600	34219199,8800	5596	93,7400	362013				
Share	NL0000400653	GEMALTO	EUR	50,4400	50,4600	50,3600	7992898,9800	1078	50,4600	158529				
Share	NL0010937066	GRANDVISION	EUR	22,7600	22,9600	22,7000	2863556,8600	729	22,8400	125378				
Share	BMG455841020	HAL TRUST	EUR	143,8000	145,0000	143,0000	587453,4000	158	143,0000	4072				
Share	CWN814651014	HeadFirst Source G	EUR	3,0400	3,0400	3,0400	3,0400	1	3,0400	1				
Share	NL0009269109	HEIJMANS	EUR	9,2700	9,4300	9,2700	784221,1800	318	9,2800	83797				
Share	NL0000009165	HEINEKEN	EUR	80,6400	80,6400	79,1600	58449706,8800	6894	79,4000	734077				
Share	NL0000008977	HEINEKEN HOLDING	EUR	77,8000	77,8000	76,6000	11794361,5000	1586	76,6000	153435				
Share	NL0000440311	HOLLAND COLOURS	EUR	79,0000	80,0000	79,0000	8818,0000	7	79,2000	111				
Share	ANN4327C1220	HUNTER DOUGLAS	EUR	59,0000	59,8000	58,8000	491074,8000	79	58,8000	8279				
Share	ANN4327C1303	HUNTER DOUGLAS	EUR											
Share	NL0009391242	HYDRATEC	EUR	69,5000	70,5000	69,5000	17276,0000	7	70,5000	248				
Share	NL0000359537	ICT GROUP	EUR	12,4000	12,4000	12,0500	142288,6000	46	12,4000	11513				
Share	NL0010556726	IEX GROUP NV	EUR											
Share	NL0010801007	IMCD	EUR	61,1500	61,8500	60,6500	3210250,7000	590	61,0000	52487				
Share	NL0011821202	ING GROEP N.V.	EUR	11,5700	11,5940	11,2420	319738278,5300	33256	11,2640	28222122				
Share	NL0010937058	INTERTRUST	EUR	14,1800	14,3500	13,9700	1134758,0600	466	14,0800	80480				
Share	NL0000113652	KARDAN	EUR	0,0935	0,0954	0,0935	10771,7600	15	0,0954	113638				
Share	NL0000362648	KAS BANK	EUR	6,6400	6,6400	6,5100	76393,9200	54	6,5500	11611				
Share	NL0000852531	KENDRION	EUR	27,0000	28,5000	27,0000	254025,1500	143	28,2500	9077				
Share	NL0011323407	KIADIS	EUR	9,1400	9,1900	8,8700	1592309,3100	597	8,9200	176593				
Share	NL0000009082	KPN KON	EUR	2,3850	2,3850	2,3280	29339025,6900	3794	2,3360	12516978				
Share	NL0010545679	LAVIDE HOLDING	EUR	0,3040	0,3400	0,3040	2706,3800	6	0,3400	8118				
Share	NL0010998878	LUCASBOLS	EUR	15,9500	16,4500	15,9500	84889,6500	30	16,1000	5225				
Share	NL0009312842	MKB NedSense	EUR											
Share	GG00812BD492	NB PRIV EQ PARTN	USD											
Share	NL0000371243	NEDAP	EUR	44,0000	46,9000	43,9000	448416,9000	126	46,0000	9928				
Share	IM008BD7WV31	NEPI ROCKCASTLE	EUR	7,5500	8,0000	7,5500	28902,4000	8	8,0000	3708				
Share	NL0009822014	NEW SOURCES ENERGY	EUR											
Share	NL0000440618	NEWAYS ELECTRONICS	EUR	11,1000	11,6000	11,0000	297767,6500	81	11,3500	25934				
Share	NL0012756316	NIBC HOLDING	EUR	8,1010	8,2500	8,1010	2057136,0800	367	8,2120	251193				
Share	NL0010773842	NN GROUP	EUR	37,9900	38,1500	37,5500	54372524,4800	8414	37,6400	1437822				
Share	NL0010696704	NOVISOURCE	EUR	0,9950	0,9950	0,9950	1,0000	1	0,9950	1				
Share	NL0012365084	NSI N.V.	EUR	34,6500	35,0500	34,6500	450816,2000	179	35,0000	12907				
Share	NL0010558797	OCI	EUR	26,0900	26,5700	25,8000	9321163,2500	2012	26,2800	354510				
Share	NL0000370419	ORANJEWOUDE A	EUR	5,8500	5,8500	5,8000	8606,1000	7	5,8000	1482				
Share	NL0000440584	ORDINA	EUR	1,6520	1,6740	1,6300	584277,2500	271	1,6400	354040				
Share	GG008BPTTF46	PERSHING	USD	14,6400	15,1000	14,6400	3704160,5400	392	15,0000	283806				
Share	NL0010391025	PHARMING GROUP	EUR	0,9600	0,9690	0,9400	6465770,1300	1731	0,9450	6788854				
Share	NL0000009538	PHILIPS KON	EUR	34,2350	34,4150	33,7000	126348340,5400	15773	33,7000	3730202				
Share	NL0000378669	PORCELYNE FLES	EUR											
Share	NL0009739416	POSTNL	EUR	2,6110	2,6710	2,6030	8385151,5200	2112	2,6310	3180981				
Share	BMG7209L1000	PPLA CLASS A	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Share	BMG7209L182	PPLA CLASS B	EUR											
Share	US69355L1098	PPLA European Unit	EUR											
Share	DE0007921835	PROBIODRUG	EUR	3,1100	3,1700	3,1000	20144,1700	24	3,1000				6448	
Share	NL0000379121	RANDSTAD NV	EUR	44,6200	45,0700	44,0000	20930889,4300	4154	44,0700				470638	
Share	LU0383812293	REINET INVESTMENTS	EUR	15,2000	15,4000	15,2000	18739,6000	9	15,4000				1225	
Share	GB008280DG97	RELX	EUR	17,6200	17,7650	17,3900	30963432,4200	4056	17,4150				1771375	
Share	NL0000404077	ROODMICROTEC	EUR	0,2680	0,2740	0,2680	26584,1600	23	0,2690				98131	
Share	GB00803MLX29	ROYAL DUTCH SHELLA	EUR	27,8900	27,9300	27,2900	276187697,1600	22570	27,3650				10000859	
Share	GB00803MM408	ROYAL DUTCH SHELLB	EUR	28,7550	29,0250	28,2200	508360,0800	65	28,2200				17742	
Share	NL0000360618	S&M OFFSHORE	EUR	15,2150	15,3500	14,7400	16199389,2200	3599	14,8150				1081701	
Share	NL0011660485	SIF HOLDING	EUR	14,9400	15,1200	14,9000	126218,6400	107	15,1200				8411	
Share	NL0011821392	SIGNIFY NV	EUR	22,1900	22,9100	21,7700	24540509,4500	5042	21,8900				1103690	
Share	NL0000817179	SLIGRO FOOD GROUP	EUR	39,5000	40,0000	39,2500	1293833,4500	344	40,0000				32622	
Share	NL0010627865	SNOWWORLD	EUR											
Share	NL0000336303	STERN GROEP	EUR	14,8000	14,8000	14,5500	66602,5000	38	14,6000				4552	
Share	NL0012015705	TAKEAWAY	EUR	53,9000	54,3000	52,9000	2170108,0000	590	53,6000				40367	
Share	GG0081RMC548	TETRAGON FIN GRP	USD	12,1500	12,2000	12,1500	358912,2800	26	12,1500				33594	
Share	VYG885761061	THUNDERBIRD	USD											
Share	NL0010389508	TIE KINETIX	EUR											
Share	NL0000852523	TKH GROUP	EUR	46,1000	48,6000	46,1000	7970099,9000	1473	48,1800				166827	
Share	NL0000387058	TOMTOM	EUR	7,6020	8,1180	7,5860	18581658,1400	3970	7,9000				2354786	
Share	FR0013326246	UNIBAIL-RODAMCO-WE	EUR	159,7800	162,1800	159,6000	50862975,1200	7306	159,6000				317049	
Share	NL0000009355	UNILEVER DR	EUR	47,9250	47,9300	46,9100	165822920,6500	14160	47,2100				3511395	
Share	NL0000388619	UNILEVER OS	EUR	47,5000	47,5000	47,0000	102621,7000	23	47,4000				2181	
Share	NL0000302636	V LANSCHOT KEMPEN	EUR	22,1000	22,6500	21,9000	6282601,9000	821	22,3000				283051	
Share	NL0010661864	VALUE8	EUR	5,3600	5,5200	5,3600	41034,3000	25	5,5200				7531	
Share	NL0009875483	VALUE8 CUM PREF	EUR											
Share	NL0000288918	VASTNED	EUR	34,9000	35,2500	34,7500	961402,1500	306	34,8000				27534	
Share	BMG9349W1038	VEON	EUR	2,5800	2,6000	2,5400	579899,5600	51	2,5400				225721	
Share	NL0012294466	VOLKERWESSELS	EUR	16,0500	16,2400	15,8900	828823,7500	402	15,9300				51676	
Share	GG0081GHHH78	VOLTA FINANCE	EUR	6,8800	7,0000	6,8600	39056,1200	9	6,9000				5673	
Share	NL0009432491	VOPAK	EUR	40,0000	40,5900	39,6400	21964235,7100	4623	39,9300				547963	
Share	NL0000289213	WERELDHAVE	EUR	30,7500	30,9600	30,6300	5293292,2200	1207	30,6500				172146	
Share	NL0000395317	WESSANEN	EUR	9,6500	10,0500	9,6500	3040479,2200	1275	9,8250				306784	
Share	NL0000395903	WOLTERS KLUWER	EUR	49,6900	50,0800	49,5200	42040980,3100	5648	49,7300				844317	
Share	JE0081FBT077	YATRA	EUR	3,4800	3,4800	3,4600	1215,0000	2	3,4600				350	
Tracker	LU1437018838	AMUNDI EPRA DR U	USD	60,9400	60,9400	59,8690			59,8690					
Tracker	LU1681049018	AMUNDI ETF SP500	EUR	43,1184	43,1184	42,5390	91928,6600	3	42,5390				2151	
Tracker	LU1437024729	AMUNDI GAGU 500 DR	USD	53,6830	53,6830	53,5530			53,5530					
Tracker	LU1589350310	AMUNDI GLBAL INFRA	USD	57,6640	57,6640	56,9650			56,9650					
Tracker	LU1437016204	AMUNDI JPMGBI DR U	USD	54,0970	54,0970	53,9640			53,9640					
Tracker	LU1437017350	AMUNDI MSCI EM DR	USD	57,2280	57,2280	57,2280			57,2280					
Tracker	LU1437015735	AMUNDI MSCI EUR DR	USD	65,4280	65,4280	64,5190			64,5190					
Tracker	LU1681042609	AMUNDI MSCI EUROPE	USD	241,2511	241,2511	237,7639			237,7639					
Tracker	LU1437016972	AMUNDI MSCWD DR U	USD	68,2630	68,2630	67,1550			67,1550					
Tracker	LU1437016543	AMUNDI NOR AM DR U	USD	70,9970	70,9970	69,7670			69,7670					
Tracker	LU1437017863	AMUNDI SP500 DR U	USD	71,5610	71,5610	70,2670	63869,4600	2	70,2670				1034	
Tracker	LU1861132840	AMUNDI STOXX GL AI	USD	54,0070	54,1870	53,3500	146127,4900	5	53,3500				3085	
Tracker	LU1589349734	AMUNDI US MIN VO	USD	57,9680	57,9680	57,2670			57,2670					
Tracker	LU1291109616	BNPP GSCI ETF EUR	EUR	9,3091	9,3431	9,3091			9,3431					
Tracker	DE000A0H0728	DIVERS COMMODITY	USD	21,1810	21,1860	21,1810			21,1860					
Tracker	JE0083W0ZY68	ETFS 3 L JPY S EUR	EUR	20,9400	21,1100	20,9400			21,1100					
Tracker	JE0083QQ4551	ETFS 3 L USD S EUR	EUR	74,3400	75,7800	74,2500	3299,2400	3	75,4100				44	
Tracker	JE00844CBN95	ETFS 3 S JPY L EUR	EUR	36,7050	36,7050	36,4150			36,4150					
Tracker	JE0083TK3772	ETFS 3 S USD L EUR	EUR	14,4370	14,5000	14,2430	72,5000	1	14,2430				5	
Tracker	JE0082NFTL95	ETFS DAILY LG2 GLD	EUR	30,9410	30,9430	30,9410			30,9430					
Tracker	JE0082NFTS64	ETFS DAILY LG2 SLV	EUR	4,0200	4,0380	4,0160	6024,0000	1	4,0380				1500	
Tracker	JE00824DKC09	ETFS DAILY SH1 GLD	EUR	22,0360	22,1860	22,0360			22,1860					
Tracker	JE00824DKK82	ETFS DAILY SH1 SLV	EUR	16,2250	16,3050	16,2250			16,3050					
Tracker	JE0083MWC642	ETFS LG JPY SH EUR	EUR	42,2200	42,3350	42,2200			42,3350					
Tracker	JE008588CD74	ETFS PHYS SW GLD	EUR	104,5400	104,7900	104,5400			104,7900					
Tracker	JE0081VS3333	ETFS PHYSIC SILVER	EUR	12,2130	12,3150	12,2000	382842,2700	39	12,2650				31207	
Tracker	JE0081VS3770	ETFS PHYSICALGOLD	EUR	103,2300	103,5000	103,0200	367865,9000	44	103,4800				3564	
Tracker	JE0081VS3002	ETFS PHYSPALLADIUM	EUR	91,1100	93,0600	91,1100	8830,4200	7	93,0600				96	
Tracker	JE0081VS3W29	ETFS PHYSPM BASKET	EUR	81,3800	82,0200	81,3800	572,1100	1	82,0200				7	
Tracker	JE0083KNMS14	ETFS SH JPY LG EUR	EUR	43,3300	43,3300	43,2150			43,2150					
Tracker	JE0081VS2W53	ETFSPHYSLPLATINUM	EUR	71,5700	72,2100	71,3000	59838,0900	19	72,1500				834	
Tracker	IE008XB7377	FINEX GOLD	EUR	7,5700	7,5800	7,5500	2265,0000	1	7,5800				300	
Tracker	IE0088X9NY41	FIRST EUROALPHADEX	EUR	30,1350	30,1750	29,8000	46661,6100	6	29,8000				1553	
Tracker	IE008G0SSC32	FT DJ Internet	EUR	15,7900	15,8300	15,5900	17400,0000	2	15,5900				1100	
Tracker	IE008D5HBS12	FT FACTOR FX EUR	EUR	18,6820	18,6820	18,6820			18,6820					
Tracker	IE008579F325	Invesco Gold ETC	EUR	105,0800	105,3600	104,9000	88546,2000	3	105,3400				842	



Instrument Type	Exchange Instrument ID	Instrument 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	IE00BCRY6557	IS EURO ULTRASHORT	EUR	100,0900	100,0900	100,0800			100,0800					
Tracker	IE00BCRY5V77	IS US SHORT CB	EUR	86,6700	87,0100	86,6200	5716,9200	1	87,0100	66				
Tracker	IE00BCLWRB83	IS USD HEDGED CB	EUR	84,6300	85,1900	84,6300			85,1900					
Tracker	IE00BCRY6003	IS USD SHORT HY CB	EUR	81,5100	81,7900	81,3700	1002411,0000	2	81,7900	12300				
Tracker	IE00BCRY6227	IS USD ULTRASHORT	EUR	88,1000	88,5500	88,0000	4488,3000	2	88,5500	51				
Tracker	IE00B7LGZ558	ISH FR TREAS BD	EUR	149,1200	149,2600	148,8400	528431,5200	45	149,0700	3546				
Tracker	IE00B6X2VY59	ISH NLD BD HEDGED	EUR	95,3400	95,4500	95,3400	119176,5200	5	95,4300	1249				
Tracker	IE00B0M62Y33	ISHARES AEX	EUR	52,7200	52,7300	52,1000	4151925,6500	230	52,1000	79096				
Tracker	IE00B14X4T88	ISHARES ASIA PACIF	EUR	22,9850	23,1750	22,8150	40857,2000	23	22,8150	1776				
Tracker	IE00B3DKXQ41	ISHARES B E AGG	EUR	119,5500	119,6300	119,4000	164016,0500	23	119,6300	1373				
Tracker	IE00B3F81R35	ISHARES B E CORP	EUR	128,1600	128,3500	128,1600	1577569,7200	52	128,3400	12303				
Tracker	IE00B3FH7618	ISHARES B E TR 0-1	EUR	98,9300	98,9600	98,9300	52542,5200	6	98,9600	531				
Tracker	IE00B0M63516	ISHARES BRAZIL	EUR	29,2380	29,6420	28,9750	523806,6800	27	28,9750	17825				
Tracker	IE00B1W57M07	ISHARES BRIC 50	EUR	26,1850	26,5100	25,9350	375272,5100	28	25,9350	14293				
Tracker	IE00B02KKX85	ISHARES CHINA 25	EUR	103,1600	104,4500	101,7100	591603,1300	64	101,7100	5734				
Tracker	IE00B52V196	ISHARES DJ EUR SUS	EUR	40,3600	40,3800	40,1250	355943,3000	11	40,1250	8824				
Tracker	IE00B57X3V84	ISHARES DJ GLO SUS	EUR	34,0410	34,0410	33,5590	23671,3800	5	33,5590	700				
Tracker	IE0032523478	ISHARES E CORP BD	EUR	133,3200	133,5300	133,3000	571054,2700	16	133,4900	4280				
Tracker	IE00B38BQ275	ISHARES E COV BOND	EUR	153,6000	153,7000	153,6000	153,7000	1	153,6400	1				
Tracker	IE00B14X4Q57	ISHARES E GOV1-3	EUR	143,4200	143,4900	143,3600	85018,7500	9	143,4900	593				
Tracker	IE00B1FZ5913	ISHARES E GOV15-30	EUR	224,6900	225,0600	224,6900	3150,0400	2	224,7800	14				
Tracker	IE00B1FZ5681	ISHARES E GOV3-5	EUR	168,6700	168,9600	168,5800	30376,1400	5	168,9600	180				
Tracker	IE00B1FZ5806	ISHARES E GOV7-10	EUR	207,9700	208,0200	207,6100	613394,2300	12	208,0200	2950				
Tracker	IE00B0M62X26	ISHARES E INF-LINK	EUR	205,6900	206,1200	205,6500	182102,5400	14	206,1200	884				
Tracker	IE00B0M63730	ISHARES EAST EX-JP	EUR	44,2800	44,7300	43,9700	6433223,2400	48	43,9700	144275				
Tracker	IE00B0M63953	ISHARES EASTE10/40	EUR	20,2250	20,2340	20,1270	79853,8700	8	20,1600	3953				
Tracker	IE00B4WXJH41	ISHARES EG 10-15	EUR	168,9600	168,9600	168,9500	204103,6800	1	168,9500	1208				
Tracker	IE00B4WXJG34	ISHARES EG 5-7	EUR	153,2300	153,4200	153,1500	5820,6000	2	153,4200	38				
Tracker	IE00B0M63177	ISHARES EM MARKETS	EUR	34,0950	34,2100	33,6400	486657,8300	62	33,6400	14313				
Tracker	IE00BKM4G266	ISHARES EMIM	EUR	23,2910	23,3950	23,0140	5945729,0600	150	23,0140	255891				
Tracker	IE00B0M62572	ISHARES ESTOXX DIV	EUR	20,7400	20,7400	20,6250	2206563,3400	52	20,6250	106556				
Tracker	IE00B0M62V02	ISHARES ESTOXX GRO	EUR	34,8050	34,8050	34,4150	58475,2000	13	34,4500	1690				
Tracker	IE00B02KXL92	ISHARES ESTOXX MID	EUR	57,5400	57,5400	57,0800	262219,2200	15	57,0900	4573				
Tracker	IE00B02KXM00	ISHARES ESTOXX SML	EUR	32,7780	32,7780	32,4390	160979,5000	14	32,4390	4918				
Tracker	IE00B0M62T89	ISHARES ESTOXX VAL	EUR	20,9650	21,0000	20,8150	4409,9000	2	20,8150	210				
Tracker	IE0008471009	ISHARES EURO STX50	EUR	32,9850	33,0250	32,6450	4759475,0400	104	32,6450	144738				
Tracker	IE00B14X4N27	ISHARES EUROP EXUK	EUR	30,1750	30,1750	29,9050	2468813,6900	26	29,9050	82324				
Tracker	IE00B1YZSC51	ISHARES EUROPE	EUR	23,0300	23,0300	22,7950	2573089,3400	84	22,7950	112153				
Tracker	IE0005042456	ISHARES FTSE 100	EUR	8,1030	8,1030	7,9990	207069,4600	12	7,9990	25830				
Tracker	IE00B4WXJ64	ISHARES IEGA	EUR	120,8700	120,9500	120,7500	235883,2600	16	120,8200	1953				
Tracker	IE00B1FZ5467	ISHARES INFRA GLO	EUR	22,7950	22,7950	22,5300	353377,8700	6	22,5300	15628				
Tracker	IE00B02KH56	ISHARES JAPAN	EUR	12,1790	12,2440	12,1130	821915,6300	29	12,1130	67586				
Tracker	IE00BF553838	ISHARES JPMESG	EUR	4,3134	4,3284	4,3134			4,3284					
Tracker	IE00B0M63391	ISHARES KOREA	EUR	36,2990	36,3590	36,0420	253074,2500	17	36,0420	6988				
Tracker	IE00B27YCK28	ISHARES LATIN AM	EUR	16,0480	16,1330	15,7740	45177,4400	12	15,8350	2843				
Tracker	IE00BG0J9Y53	ISHARES MSCI CEMP	GBP	4,7355	4,7355	4,6890			4,6890					
Tracker	IE00B4LSYC18	ISHARES MSCI EM A	EUR	27,7450	27,9000	27,4350	46077,9500	18	27,4350	1662				
Tracker	IE00B4K48X80	ISHARES MSCI EUR A	EUR	48,2950	48,3000	47,7600	1288422,7300	46	47,7900	26776				
Tracker	IE00B4LSYX21	ISHARES MSCI JAP A	EUR	35,2250	35,3900	35,0600	1397218,6700	32	35,0600	39662				
Tracker	IE00B4LSY983	ISHARES MSCI WOR A	EUR	47,2600	47,2800	46,7000	4664131,1400	245	46,7000	99114				
Tracker	IE00B14X4M10	ISHARES N-AMERICA	EUR	45,2600	45,2600	44,6550	951415,0000	19	44,6550	21076				
Tracker	IE00B1TXHL60	ISHARES PRIVATE EQ	EUR	17,4760	17,4980	17,2320	53470,0500	10	17,2320	3069				
Tracker	IE00B1FZ5244	ISHARES PROP ASIA	EUR	22,4760	22,5960	22,3280	5642,8900	3	22,3280	252				
Tracker	IE00B0M63284	ISHARES PROP EURO	EUR	39,9950	39,9950	39,6100	197342,1300	36	39,6100	4953				
Tracker	IE00B1FZ5350	ISHARES PROP GLO	EUR	21,8430	21,8900	21,5750	81717,1300	18	21,5750	3758				
Tracker	IE00B1FZ5F77	ISHARES PROP US	EUR	24,3400	24,3400	23,8000	361525,6400	10	23,8000	14935				
Tracker	IE0031442068	ISHARES S&P 500	EUR	24,0640	24,0780	23,7330	7379208,9100	192	23,7330	309103				
Tracker	IE00B0D8KRH84	ISHARES SP500 B D	GBP	4,9910	4,9910	4,9910			4,9910					
Tracker	IE0008470928	ISHARES STOXX 50	EUR	30,3250	30,3250	30,0200	7129,9200	3	30,0200	236				
Tracker	IE00B0M63623	ISHARES TAIWAN	EUR	36,5970	36,8040	36,3000	2089314,0900	31	36,3000	57109				
Tracker	IE00B1FZ5574	ISHARES TURKEY	EUR	13,7320	14,0500	13,6350	71147,4600	33	13,9900	5131				
Tracker	IE00B14X4571	ISHARES US T 1-3	EUR	113,4200	114,0600	113,4200	26470,2300	6	114,0600	233				
Tracker	IE00B1FZ5798	ISHARES US T 7-10	EUR	163,0400	163,4900	162,8100	52522,4000	5	163,4200	322				
Tracker	IE00B1FZ5C47	ISHARES US TIPS	EUR	174,8800	175,3800	174,4600	1920,7100	4	175,3800	11				
Tracker	IE0032895942	ISHARES USD CRP BD	EUR	94,3800	94,7600	94,2500	207089,9800	16	94,6800	2189				
Tracker	IE00B0M62Q58	ISHARES WORLD	EUR	38,4050	38,4050	37,9350	1527453,7300	52	37,9350	39936				
Tracker	IE00B3VWN393	ISHR \$ Gov 3-7A	EUR	106,7600	107,1300	106,7600	27765,6700	2	107,1300	260				
Tracker	IE00B525F786	ISHR Canada	EUR	105,5900	105,8600	105,0200	125227,7800	7	105,0200	1184				
Tracker	IE00B3V7ML14	ISHR E Gov 3-7A	EUR	131,4600	131,6400	131,4600			131,6400					
Tracker	IE00B53L3W79	ISHR ESTX50 B A	EUR	101,3000	101,4000	100,2600	1825058,5800	29	100,2600	18077				
Tracker	IE00B53QDK08	ISHR Japan A	EUR	126,2300	126,4200	125,6100	13610,5200	5	125,6100	108				
Tracker	IE00B5WHFQ43	ISHR Mexico Cap	EUR	93,2600	93,5800	91,7300	69158,5700	7	91,7300	747				



Instrument Type	Exchange Instrument ID	Instrument 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	IE00B53QGS62	ISHR MSCI EMUSC	EUR	108,2900	108,2900	107,2900	686580,8400	11	107,2900	6353				
Tracker	IE00B525FT06	ISHR MSCI USA	EUR	228,9300	228,9550	225,8000	2068631,2300	14	225,8000	9093				
Tracker	IE00B535ZB19	ISHR NASDAQ 100	EUR	346,0000	346,6000	339,2000	3716490,1500	72	339,9000	10836				
Tracker	IE00B52MJY50	ISHR Pac xipn A	EUR	119,3400	119,6400	118,1800	48540,0800	13	118,1800	407				
Tracker	IE00B5V87390	ISHR Russia ADR	EUR	92,0800	92,6100	92,0800	10646,2500	2	92,3000	115				
Tracker	IE00B5BMR087	ISHR S&P500 B A	EUR	235,3710	235,4660	232,2020	10786531,6400	142	232,2020	46177				
Tracker	IE00BQ70R696	IVZ NASDAQ BIOTECH	EUR	30,5750	30,7950	30,2000	710692,6500	15	30,2000	23358				
Tracker	IE00B3YCGJ38	IVZ S&P 500	EUR	431,3800	431,4400	425,6100	1020761,5500	14	425,6100	2383				
Tracker	IE00BMW3QX54	L&G Robotics	EUR	13,0400	13,0900	12,9380	58335,2400	11	12,9380	4477				
Tracker	IE00BF0H7608	L&G Battery Value	EUR	8,6700	8,6700				8,6700					
Tracker	IE00BF0M2296	L&G Battery Value	EUR	7,3100	7,3100	7,2700	102,3400	1	7,2700	14				
Tracker	IE00BYPLS672	L&G Cyber Security	EUR	12,3300	12,3780	12,1720	124646,7500	20	12,1940	10142				
Tracker	IE00BHBDF83	L&G E Fund China A	EUR	10,8560	10,9720	10,6780	24141,5600	4	10,6780	2202				
Tracker	IE00BF0M6N54	L&G Ecommerce	EUR	7,5000	7,5000	7,5000			7,5000					
Tracker	IE00B3CNHG25	L&G Gold Mining	EUR	17,1860	17,1860	16,9960	7027,4800	4	16,9960	410				
Tracker	IE00B4WPHX27	L&G Lg Dat Commod	EUR	12,3980	12,4580	12,3980	34436,9400	2	12,4580	2769				
Tracker	IE00B3CNHJ55	L&G Russell 2000	EUR	56,4800	56,6500	56,1000	8014,1200	4	56,1000	142				
Tracker	LU0854423687	LYXOR ACWI GOLD	USD	54,8400	54,8400	54,1300			54,1300					
Tracker	LU0832435464	LYXOR ETF VIX EUR	EUR	4,6480	4,8500	4,6240	15379,8900	13	4,8500	3233				
Tracker	LU1646359452	LYXOR JPY 400	JPY	18336,5000	18336,5000	18195,9100			18195,9100					
Tracker	LU1812903158	MA CoCo AT1 ETF	EUR											
Tracker	IE00B42Z5J44	MSCI JAP EH	EUR	47,8300	48,0600	47,4600	1197584,2700	22	47,4600	25071				
Tracker	IE00B441G979	MSCI WRD EH	EUR	50,2900	50,2900	49,5350	3226544,2900	53	49,5350	64727				
Tracker	LU0832436512	MULTI GL QUAL INC	USD	131,1000	131,1000	131,1000			131,1000					
Tracker	IE00B3ZVOK18	SP 500 EH	EUR	61,6900	61,7590	60,5910	7721023,8700	55	60,5910	126305				
Tracker	IE00BYTRRG40	SPDR MSCI W TELE	EUR	25,5050	25,5050	25,3650	8410,1700	2	25,3650	330				
Tracker	US78467X1090	SPDR DJIA TRUST	EUR	223,6500	223,6500	221,1000	3149457,2500	63	221,1000	14212				
Tracker	IE00BYTRRG40	SPDR MSCI W C DIS	EUR	34,9900	35,0500	34,5450	21164,1200	7	34,5450	606				
Tracker	IE00BYTRR756	SPDR MSCI W C STAP	EUR	28,8850	28,8850	28,5800	12455,8000	1	28,5800	434				
Tracker	IE00BYTRR863	SPDR MSCI W ENERGY	EUR	29,8300	29,8950	29,5350	46776,3900	8	29,5350	1568				
Tracker	IE00BYTRR970	SPDR MSCI W FINCLS	EUR	34,2500	34,3400	33,9600	105609,2100	9	33,9600	3085				
Tracker	IE00BYTRRB94	SPDR MSCI W HEALTH	EUR	32,8900	33,1000	32,4050	58310,5300	15	32,4050	1781				
Tracker	IE00BYTRRC02	SPDR MSCI W INDUST	EUR	32,9250	32,9250	32,5900	21455,6300	3	32,5900	655				
Tracker	IE00BYTRRF33	SPDR MSCI W MTRL	EUR	33,3900	33,4500	32,8850	22824,3800	7	32,8850	685				
Tracker	IE00BYTRRD19	SPDR MSCI W TECH	EUR	45,5750	45,7300	44,9200	1168799,2800	44	44,9200	25658				
Tracker	IE00BYTRRH56	SPDR MSCI W UTIL	EUR	29,7350	29,7350	29,4650	167055,6800	4	29,4650	5647				
Tracker	IE00BFWFPX50	SPDR US COMMS	EUR	16,7400	16,7700	16,4700	150003,3100	3	16,4700	8959				
Tracker	IE00BWBXM278	SPDR US CONS DIS	EUR	25,7600	25,7600	25,4600			25,4600					
Tracker	IE00BWBXM385	SPDR US CONS STAP	EUR	21,7600	21,7600	21,4900			21,4900					
Tracker	IE00BWBXM492	SPDR US ENERGY	EUR	17,5800	17,5800	17,4500	131778,0200	1	17,4500	7513				
Tracker	IE00BWBXM500	SPDR US FINAN	EUR	24,5500	24,5500	24,2500	132221,5100	1	24,2500	5399				
Tracker	IE00BWBXM617	SPDR US HEALTH	EUR	22,1800	22,1800	21,8100			21,8100					
Tracker	IE00BWBXM724	SPDR US INDUST	EUR	24,6300	24,6300	24,3700	167481,2100	2	24,3700	6813				
Tracker	IE00BWBXM869	SPDR US ITLIT	EUR	24,3600	24,3600	24,0800	131072,9400	1	24,0800	5414				
Tracker	IE00BWBXM831	SPDR US MATERIAL	EUR											
Tracker	IE00BWBXM948	SPDR US TECH	EUR	30,2900	30,2900	30,2900			30,2900					
Tracker	NL0010273801	TC IAAT	EUR	22,2360	22,2470	22,2260	214783,7700	10	22,2400	9659				
Tracker	NL0009272749	THINK AEX	EUR	52,9000	52,9100	52,3000	2869055,3100	142	52,3000	54467				
Tracker	NL0009272756	THINK AMX	EUR	75,4200	75,4200	74,6300	91294,3700	15	74,9100	1217				
Tracker	NL0010731816	THINK EUROP EQ ETF	EUR	53,2800	53,2800	52,6700	42816,0400	10	52,6700	806				
Tracker	NL0009690221	THINK GLOBAL EQ	EUR	39,9300	40,0770	39,5900	1956083,8800	71	39,6020	49253				
Tracker	NL0009690239	THINK GLOBAL RE	EUR	36,5940	36,6200	36,0600	492497,9400	23	36,0600	13484				
Tracker	NL0011683594	THINK HIGH DIV	EUR	27,5150	27,5150	27,2150	392970,1600	25	27,2150	14400				
Tracker	NL0009690247	THINK IBOXX CORP.	EUR	17,7860	17,7860	17,7360	122371,4000	16	17,7520	6894				
Tracker	NL0009690254	THINK IBOXX GOV.	EUR	13,5580	13,5710	13,5450	217722,4500	9	13,5660	16062				
Tracker	NL0009272764	THINK MIX DF	EUR	54,8400	54,8400	54,7000	929,9000	1	54,7100	17				
Tracker	NL0009272772	THINK MIX NL	EUR	58,7900	58,9500	58,4500	34272,4200	5	58,4600	584				
Tracker	NL0009272780	THINK MIX OF	EUR	61,0300	61,0300	60,5800	8209,5800	3	60,5800	135				
Tracker	NL0011376074	THINK NRTH AMERICA	EUR	30,4000	30,4000	29,9600	1427,8400	2	29,9600	47				
Tracker	NL0010408704	THINK SUSTAINABLE	EUR	81,2100	81,2100	80,2100	84842,5300	20	80,2100	1048				
Tracker	LU0629460089	UBS ETF ASRUSA	EUR	95,9700	96,3300	95,0500	122468,9400	3	95,0500	1272				
Tracker	IE00BDRS5927	UBS ETF AWSR	EUR	9,1150	9,1350	9,0280	288751,4500	5	9,0280	31650				
Tracker	LU1130155606	UBS ETF CAHEUA	EUR	15,9650	15,9650	15,8350			15,8350					
Tracker	LU0446734872	UBS ETF CANCDA	EUR	26,2450	26,2450	26,0350			26,0350					
Tracker	LU1048314196	UBS ETF CBEU5	EUR	13,5240	13,5310	13,5010	32231,8600	4	13,5310	2387				
Tracker	LU1484799769	UBS ETF CBSE	EUR	13,7190	13,7450	13,7190	40506,5200	2	13,7450	2947				
Tracker	LU1215461085	UBS ETF CBSUS	EUR	13,6890	13,7500	13,6890			13,7500					
Tracker	LU1215461325	UBS ETF CBSUSE	EUR	14,4470	14,4470	14,4370			14,4370					
Tracker	LU1048316647	UBS ETF CBUS	EUR											
Tracker	LU1048314949	UBS ETF CBUS5	EUR											
Tracker	LU1048315243	UBS ETF CBUSSE	EUR	14,1020	14,1020	14,0910			14,0910					
Tracker	LU1048317025	UBS ETF CBUSE	EUR	16,5770	16,5770	16,5770			16,5770					



Instrument Type	Exchange Instrument ID	Instrument 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	LU0136234068	UBS ETF ESOEUA	EUR	32,4600	32,4600	32,1350			32,1350					
Tracker	LU0721553864	UBS ETF ECOEUA	EUR	100,3500	100,3500	100,3500			100,3500					
Tracker	LU1215454460	UBS ETF ELOVD	EUR	14,2920	14,2920	14,1580			14,1580					
Tracker	LU0480132876	UBS ETF EMMUSA	EUR	87,4700	87,4700	86,4400			86,4400					
Tracker	LU0147308422	UBS ETF EMUEUA	EUR	115,8200	115,8200	114,7200	23318,8800	1	114,7200	202				
Tracker	LU1215452928	UBS ETF EPVLD	EUR	15,3980	15,3980	15,2460			15,2460					
Tracker	LU1215451524	UBS ETF EQLTD	EUR	17,7660	17,7660	17,5920			17,5920					
Tracker	LU0671493277	UBS ETF ESCEUA	EUR	92,6600	92,8000	92,0600	2036,5000	2	92,0600	22				
Tracker	LU0629460675	UBS ETF ESREUA	EUR	88,5700	88,6900	88,0500	8409,4000	2	88,0500	95				
Tracker	LU1215455947	UBS ETF ETSYD	EUR	15,4440	15,4440	15,3540			15,3540					
Tracker	LU0446734104	UBS ETF EUREUA	EUR	60,6800	60,6800	60,1200			60,1200					
Tracker	LU1169827224	UBS ETF HKDU	EUR	15,6940	15,6940	15,5360			15,5360					
Tracker	LU0937837945	UBS ETF JPEUAH	EUR	19,2070	19,2070	19,0630			19,0630					
Tracker	LU0136240974	UBS ETF JPNJPA	EUR	38,3310	38,3310	38,1480			38,1480					
Tracker	LU1230561679	UBS ETF JPSR	EUR	18,1020	18,1020	17,9780	1592,9800	1	17,9780	88				
Tracker	LU1048313891	UBS ETF MSRUSA	EUR	11,3740	11,3740	11,2740			11,2740					
Tracker	LU0446734526	UBS ETF PACUSA	EUR	35,3950	35,3950	35,0750			35,0750					
Tracker	LU0629460832	UBS ETF PSRUSA	EUR	57,9800	58,1600	57,6900	26979,5800	2	57,6900	464				
Tracker	LU1169825954	UBS ETF SGPDU	EUR	15,5800	15,5800	15,5040			15,5040					
Tracker	LU1280303014	UBS ETF USSRF	EUR	15,2320	15,2320	14,9400			14,9400					
Tracker	LU0721552544	UBS ETF UT1USA	EUR	21,4820	21,5680	21,4820			21,5680					
Tracker	LU0721552973	UBS ETF UT7USA	EUR	34,5820	34,7490	34,5820	829,9700	1	34,7490	24				
Tracker	LU0629459743	UBS ETF WSRUSA	EUR	77,9100	77,9100	77,9100			77,9100					
Tracker	IE00BWT3KS11	UBS IRL AUHEUA	EUR	12,5440	12,5440	12,5440			12,5440					
Tracker	IE00BMP3HG27	UBS IRL GLDUD	EUR	8,5750	8,5750	8,5750			8,5750					
Tracker	IE00B7K93397	UBS IRL SP5USY	EUR	38,9840	38,9840	38,4630	772077,9300	3	38,4630	20002				
Tracker	IE00BMP3HN93	UBS IRL UKSR	EUR	17,4540	17,4540	17,3000			17,3000					
Tracker	IE00B7RQY03	UBS IRL UL0VD	EUR	17,4040	17,4040	17,4040			17,4040					
Tracker	IE00BWT3KJ20	UBS IRL ULOVE	EUR	18,2440	18,2440	18,2440			18,2440					
Tracker	IE00B7RR706	UBS IRL UPVLD	EUR	18,4900	18,4900	18,4900			18,4900					
Tracker	IE00BWT3KL42	UBS IRL UPVLE	EUR	18,3740	18,3740	18,3740			18,3740					
Tracker	IE00B7RRJ27	UBS IRL UQLTD	EUR	19,5600	19,5600	19,5600			19,5600					
Tracker	IE00BWT3KN65	UBS IRL UQLTE	EUR	19,2340	19,2340	19,2340			19,2340					
Tracker	IE00B77D4428	UBS IRL USAUSY	EUR	58,5300	58,5300	57,7100	584035,5200	2	57,7100	10088				
Tracker	IE00BD4TYF66	UBS IRL USEUYH	EUR	21,3760	21,3760	20,9950			20,9950					
Tracker	IE00B7RRT25	UBS IRL UTSYD	EUR	18,5940	18,5940	18,5940			18,5940					
Tracker	IE00BWT3KQ96	UBS IRL UTSYE	EUR	18,7740	18,7740	18,7740			18,7740					
Tracker	IE00B7KQ7B66	UBS IRL WRDUSY	EUR	45,1790	45,1790	44,6510	223900,0000	1	44,6510	5000				
Tracker	IE00BZ163G84	VANGUARD EURCORPBD	EUR	51,3300	51,3900	51,3300	52315,0200	2	51,3600	1018				
Tracker	IE00BZ163H91	VANGUARD EURGVBD	EUR	24,7310	24,7390	24,7310	173,1200	3	24,7390	7				
Tracker	IE00B9F5YL18	VANGUARD FTSE APXJ	EUR	20,8100	21,0290	20,6450	494636,8800	20	20,6450	23794				
Tracker	IE00B38BWM25	VANGUARD FTSE AW	EUR	71,8000	71,8000	70,8500	2719290,3700	270	70,8800	38180				
Tracker	IE00BKX55542	VANGUARD FTSE DE	EUR	27,8450	27,8650	27,6000	1157570,4600	23	27,6000	41658				
Tracker	IE00BKX55578	VANGUARD FTSE DW	EUR	53,1000	53,1000	52,3900	115605,7400	7	52,3900	2204				
Tracker	IE00B3VVM84	VANGUARD FTSE EM	EUR	47,7700	47,9800	46,9900	1473436,4600	74	46,9900	30931				
Tracker	IE00B945VV12	VANGUARD FTSE EUR	EUR	29,0430	29,0520	28,7800	1964505,0000	62	28,7820	67805				
Tracker	IE00B8GKDB10	VANGUARD FTSE HDY	EUR	47,0000	47,0000	46,4400	226279,7400	24	46,4400	4828				
Tracker	IE00B95PGT31	VANGUARD FTSE JPN	EUR	25,7000	25,8350	25,5950	349291,7400	21	25,5950	13580				
Tracker	IE00BKX55R35	VANGUARD FTSE NA	EUR	59,4900	59,4900	58,7000	304810,6000	2	58,7000	5149				
Tracker	IE00BYR0D71	VANGUARD GLBLLIQ	EUR	29,1080	29,1080	28,8880	15888,4000	1	28,8880	550				
Tracker	IE00BYR0C64	VANGUARD GLBLMINVO	EUR	27,8000	28,2000	27,8000	28976,6000	6	28,0150	1029				
Tracker	IE00BYR0935	VANGUARD GLBLMOM	EUR	28,1100	28,1100	27,8390	25263,0000	1	27,8390	900				
Tracker	IE00BYR0857	VANGUARD GLBLVAL	EUR	29,3420	29,3420	29,0150	71011,5800	6	29,0150	2426				
Tracker	IE00B3XXRP09	VANGUARD S&P500	EUR	45,8600	45,8900	45,2430	12990501,0000	333	45,2490	284315				
Tracker	IE00BZ163K21	VANGUARD USDCORPBD	EUR	43,6080	43,7700	43,6080			43,7700					
Tracker	IE00BZ163L38	VANGUARD USDEMGVBN	EUR	42,3890	42,6220	42,3890	6563,7900	1	42,5400	154				
Tracker	IE00BZ163M45	VANGUARD USDTRBOND	EUR	20,4970	20,5300	20,4420	8624,7300	17	20,5300	421				
Warrant	NL0010950440	AALB 21SPLOPENG	EUR	14,3900	14,5000	14,3900			14,5000					
Warrant	NL0012080386	AALB 37SPLOPENG	EUR											
Warrant	NL0012464663	AALB 47SPSOPENG	EUR	19,1000	19,1000	18,9200			18,9200					
Warrant	NL0009112408	AALB 3.4SPLOPENG	EUR	30,3300	30,4400	30,3300			30,4400					
Warrant	NL0009113158	AALB 5.1SPLOPENG	EUR	28,8500	28,9600	28,8500			28,9600					
Warrant	NL0009236397	AALB 6.1SPLOPENG	EUR	27,8900	28,0000	27,8900			28,0000					
Warrant	NL0009367085	AALB 7.3SPLOPENG	EUR	26,8600	26,9700	26,8600			26,9700					
Warrant	NL0009902287	AALB 8.4SPLOPENG	EUR	25,8500	25,9600	25,8500			25,9600					
Warrant	NL0010216347	AALB 11.9SPLOPENG	EUR	22,6200	22,7300	22,6200			22,7300					
Warrant	NL0010466462	AALB 15.3SPLOPENG	EUR	19,5000	19,6100	19,5000			19,6100					
Warrant	NL0010526125	AALB 16.6SPLOPENG	EUR	18,3300	18,4400	18,3300			18,4400					
Warrant	NL0010942421	AALB 19.4SPLOPENG	EUR	15,7900	15,9000	15,7900			15,9000					
Warrant	NL0011012653	AALB 22.6SPLOPENG	EUR	12,9000	13,0100	12,9000			13,0100					
Warrant	NL0011373147	AALB 24.3SPLOPENG	EUR	11,3400	11,4500	11,3400			11,4500					
Warrant	NL0011848296	AALB 26.1SPLOPENG	EUR	9,7100	9,8200	9,7100			9,8200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012064232	AALB 28.1SPLOPENG	EUR	7,9500	8,0600	7,9500			8,0600					
Warrant	NL0012064596	AALB 30.1SPLOPENG	EUR	6,0600	6,1700	6,0600			6,1700					
Warrant	NL0012067128	AALB 32.3SPLOPENG	EUR											
Warrant	NL0012829303	AALB 34.6SPLOPENG	EUR											
Warrant	NL0012076913	AALB 34.6SPLOPENG	EUR											
Warrant	DE000CV8AJP2	ABLIZ 80C 0319Z	EUR	0,2450	0,2450	0,2450			0,2450					
Warrant	DE000CV8AUN7	ABLIZ 80C 1218Z	EUR	0,0850	0,0850	0,0850			0,0850					
Warrant	NL0011481379	ABN 10SPLOPENG	EUR	13,1200	13,1200	13,0400			13,0400					
Warrant	NL0011481387	ABN 11SPLOPENG	EUR	12,1800	12,1800	12,1000			12,1000					
Warrant	DE000CV894U6	ABN 20C 1218Z	EUR											
Warrant	NL0012826036	ABN 22SPLOPENG	EUR											
Warrant	NL0012828255	ABN 23SPLOPENG	EUR											
Warrant	DE000CV8APT1	ABN 24C 0319Z	EUR											
Warrant	DE000CJ3PJQ5	ABN 24C 0619Z	EUR											
Warrant	DE000CV894W2	ABN 25C 1218Z	EUR											
Warrant	DE000CV8AM94	ABN 26C 0319Z	EUR											
Warrant	DE000CV8ARG4	ABN 27C 1218Z	EUR											
Warrant	NL0011846910	ABN 9.3SPLOPENG	EUR	13,7300	13,7300	13,6500			13,6500					
Warrant	NL0011848379	ABN 11.7SPLOPENG	EUR	11,5200	11,5200	11,4400			11,4400					
Warrant	NL0011848361	ABN 12.5SPLOPENG	EUR	10,8300	10,8300	10,7500			10,7500					
Warrant	NL0011851134	ABN 13.3SPLOPENG	EUR	10,1200	10,1200	10,0400			10,0400					
Warrant	NL0011852025	ABN 14.1SPLOPENG	EUR	9,3500	9,3500	9,2700			9,2700					
Warrant	NL0011853304	ABN 14.9SPLOPENG	EUR	8,5700	8,5700	8,4900			8,4900					
Warrant	NL0011857412	ABN 15.8SPLOPENG	EUR	7,7700	7,7700	7,6900			7,6900					
Warrant	NL0011858410	ABN 16.7SPLOPENG	EUR	6,8800	6,8800	6,8000			6,8000					
Warrant	NL0012063325	ABN 17.7SPLOPENG	EUR	5,9700	5,9700	5,8900			5,8900					
Warrant	NL0012063929	ABN 18.7SPLOPENG	EUR	5,0200	5,0200	4,9400	2475,0000	1	4,9400	500				
Warrant	NL0012073027	ABN 19.8SPLOPENG	EUR	4,0200	4,0200	3,9400			3,9400					
Warrant	NL0012070619	ABN 20.1SPLOPENG	EUR	2,4300	2,4300	2,3200	1061,5000	2	2,3500	450				
Warrant	NL0012076004	ABN 20.9SPLOPENG	EUR											
Warrant	DE000CJ3PJ7	ABN 22.5C 0319Z	EUR											
Warrant	DE000CV894V4	ABN 22.5C 1218Z	EUR											
Warrant	NL0012831622	ABN 23.1SPLOPENG	EUR											
Warrant	NL0012821524	ABN 24.2SPLOPENG	EUR											
Warrant	NL0012474845	ABN 25.3SPLOPENG	EUR	5,0900	5,1600	5,0900			5,1600					
Warrant	NL0012469738	ABN 27.3SPLOPENG	EUR	7,2600	7,3300	7,2600			7,3300					
Warrant	NL0011621412	ABN 11.26SPLOPENG	EUR	11,2200	11,2200	11,1400			11,1400					
Warrant	NL0011847629	ABN 11.98SPLOPENG	EUR	10,5300	10,5300	10,4500			10,4500					
Warrant	NL0011848049	ABN 12.73SPLOPENG	EUR	9,7600	9,7600	9,6800			9,6800					
Warrant	NL0011850607	ABN 13.51SPLOPENG	EUR	9,0100	9,0100	8,9300			8,9300					
Warrant	NL0011851381	ABN 14.34SPLOPENG	EUR	8,1700	8,1700	8,0900			8,0900					
Warrant	NL0011852983	ABN 15.19SPLOPENG	EUR	7,3300	7,3300	7,2500			7,2500					
Warrant	NL0011856794	ABN 16.08SPLOPENG	EUR	6,4800	6,4800	6,4000			6,4000					
Warrant	NL0011857479	ABN 17.01SPLOPENG	EUR	5,5000	5,5000	5,4200			5,4200					
Warrant	NL0011862727	ABN 17.99SPLOPENG	EUR	4,5300	4,5300	4,4500			4,4500					
Warrant	NL0012062988	ABN 19.01SPLOPENG	EUR	3,5100	3,5100	3,4300			3,4300					
Warrant	NL0012825129	ABN 21.13SPLOPENG	EUR											
Warrant	NL0012825830	ABN 22.21SPLOPENG	EUR											
Warrant	NL0012833933	ABN 23.21SPLOPENG	EUR	0,9900	1,0600	0,9900			1,0600					
Warrant	NL0012831887	ABN 23.31SPLOPENG	EUR											
Warrant	NL0012821003	ABN 23.96SPLOPENG	EUR											
Warrant	NL0012473086	ABN 24.96SPLOPENG	EUR	2,7500	2,8200	2,7500			2,8200					
Warrant	NL0012462006	ABN 26.95SPLOPENG	EUR	4,7500	4,8200	4,7500			4,8200					
Warrant	NL0012468557	ABN 28.94SPLOPENG	EUR	6,7400	6,8100	6,7400			6,8100					
Warrant	NL0011846589	ABN 9.235SPLOPENG	EUR	13,2700	13,2700	13,1900			13,1900					
Warrant	NL0010758488	ADIDA 49.25SPLOPENG	EUR	162,2500	162,2500	161,2900			161,2900					
Warrant	NL0011846431	ADIDA119.8SPLOPENG	EUR	96,5500	96,5500	95,5900			95,5900					
Warrant	NL0011851969	ADIDA142.25SPLOPENG	EUR											
Warrant	NL0012073464	ADIDA155.9SPLOPENG	EUR	6,3600	6,3600	6,2600			6,2600					
Warrant	NL0012477418	ADIDA170.1SPLOPENG	EUR	5,0400	5,0400	4,9400			4,9400					
Warrant	NL0012826739	ADIDA185.4SPLOPENG	EUR	3,6100	3,6100	3,5100			3,5100					
Warrant	NL0012068159	ADIDA187.6SPLOPENG	EUR											
Warrant	NL0012827984	ADIDA201.8SPLOPENG	EUR											
Warrant	NL0012465231	ADIDA218.6SPLOPENG	EUR	2,9400	3,0400	2,9400			3,0400					
Warrant	NL0012821698	ADYEN 141SPLOPENG	EUR	45,8200	45,8200	45,4300			45,4300					
Warrant	NL0012823702	ADYEN 494SPLOPENG	EUR	13,6700	13,6700	13,2800			13,2800					
Warrant	NL0012825277	ADYEN 563SPLOPENG	EUR											
Warrant	NL0012826960	ADYEN 611SPLOPENG	EUR											
Warrant	NL0012821680	ADYEN161.1SPLOPENG	EUR	43,9900	43,9900	43,6000			43,6000					
Warrant	NL0012821672	ADYEN181.2SPLOPENG	EUR	42,1600	42,1600	41,7700			41,7700					
Warrant	NL0012821664	ADYEN201.3SPLOPENG	EUR	40,3300	40,3300	39,9400			39,9400					
Warrant	NL0012821979	ADYEN251.6SPLOPENG	EUR	35,7600	35,7600	35,3700			35,3700					



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	NL0012821987	ADYEN301.9SPLOPENG	EUR	31,1800	31,1800	30,7900			30,7900					
Warrant	NL0012821995	ADYEN352.2SPLOPENG	EUR	26,6200	26,6200	26,2300			26,2300					
Warrant	NL0012822399	ADYEN376.8SPLOPENG	EUR	24,3700	24,3700	23,9800			23,9800					
Warrant	NL0012826721	ADYEN429.4SPLOPENG	EUR	16,5900	17,5000	16,2000	24618,0000	8		1430				
Warrant	NL0012822381	ADYEN431.5SPLOPENG	EUR	19,4100	20,2000	19,0200	1010,0000	1		50				
Warrant	NL0012823157	ADYEN461.7SPLOPENG	EUR	16,6600	16,6600	16,2700								
Warrant	NL0012825608	ADYEN477.1SPLOPENG	EUR	11,8200	12,4000	11,4300	1564,0000	2		129				
Warrant	NL0012827760	ADYEN524.8SPLOPENG	EUR											
Warrant	NL0012825590	ADYEN525.2SPLOPENG	EUR											
Warrant	NL0012824528	ADYEN526.3SPLOPENG	EUR											
Warrant	NL0012826952	ADYEN526.7SPLOPENG	EUR											
Warrant	NL0012827620	ADYEN527.8SPLOPENG	EUR											
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	ADYEN670.7SPLOPENG	EUR											
Warrant	NL0012825871	ADYEN674.3SPLOPENG	EUR											
Warrant	NL0012825889	ADYEN772.8SPLOPENG	EUR	20,0500	20,0500	20,0500			20,0500					
Warrant	NL0012830145	ADYEN888.7SPLOPENG	EUR	30,7900	30,7900	30,7900			30,7900					
Warrant	NL0009765163	AEGON 1SPLOPENG	EUR	4,6800	4,6800	4,6400			4,6400					
Warrant	DE000CV89507	AEGON 5C 1218Z	EUR	0,5450	0,5450	0,5450			0,5450					
Warrant	NL0012827596	AEGON 5SPLOPENG	EUR	0,9800	0,9800	0,9500			0,9500					
Warrant	DE000CV8AMAB	AEGON 6C 0319Z	EUR	0,1650	0,1650	0,1650			0,1650					
Warrant	DE000CV8AEF4	AEGON 6C 1218Z	EUR	0,0590	0,0590	0,0590			0,0590					
Warrant	NL0006428286	AEGON 0.2SPLOPENG	EUR	5,3500	5,3500	5,3100			5,3100					
Warrant	NL0006428419	AEGON 0.7SPLOPENG	EUR	4,9100	4,9100	4,8800			4,8800					
Warrant	NL0009901941	AEGON 1.2SPLOPENG	EUR	4,4300	4,4300	4,3900			4,3900					
Warrant	NL0009905264	AEGON 1.6SPLOPENG	EUR	4,1400	4,1400	4,1100			4,1100					
Warrant	NL0010095642	AEGON 1.7SPLOPENG	EUR	3,9800	3,9800	3,9400			3,9400					
Warrant	NL0010104196	AEGON 1.9SPLOPENG	EUR	3,8100	3,8100	3,7800			3,7800					
Warrant	NL0010202354	AEGON 2.1SPLOPENG	EUR	3,6300	3,6300	3,6000			3,6000					
Warrant	NL0011848304	AEGON 2.6SPLOPENG	EUR	3,2200	3,2200	3,1800			3,1800					
Warrant	NL0011850839	AEGON 2.7SPLOPENG	EUR	3,1000	3,1000	3,0600			3,0600					
Warrant	NL0011857354	AEGON 3.1SPLOPENG	EUR	2,7600	2,7600	2,7300			2,7300					
Warrant	NL0011859335	AEGON 3.5SPLOPENG	EUR	2,4300	2,4300	2,3900			2,3900					
Warrant	NL0012072896	AEGON 3.7SPLOPENG	EUR	2,2400	2,2400	2,2100			2,2100					
Warrant	NL0012074140	AEGON 3.9SPLOPENG	EUR	2,0500	2,0500	2,0100			2,0100					
Warrant	NL0012077317	AEGON 4.1SPLOPENG	EUR	1,8600	1,8600	1,8300			1,8300					
Warrant	NL0012077143	AEGON 4.3SPLOPENG	EUR	1,2400	1,2400	1,2000			1,2000					
Warrant	NL0012077747	AEGON 4.3SPLOPENG	EUR	1,6700	1,6700	1,6300			1,6300					
Warrant	NL0012463079	AEGON 4.6SPLOPENG	EUR	1,4300	1,4300	1,4000			1,4000					
Warrant	NL0012463848	AEGON 4.8SPLOPENG	EUR	1,2100	1,2100	1,1800			1,1800					
Warrant	NL0012824437	AEGON 5.2SPLOPENG	EUR											
Warrant	NL0012831085	AEGON 5.3SPLOPENG	EUR											
Warrant	DE000CV8AY09	AEGON 5.5C 0319Z	EUR	0,3450	0,3450	0,3450			0,3450					
Warrant	DE000CJ3PIR3	AEGON 5.5C 0619Z	EUR	0,3950	0,3950	0,3950			0,3950					
Warrant	DE000CV89515	AEGON 5.5C 1218Z	EUR	0,2050	0,2050	0,2050			0,2050					
Warrant	NL0012833685	AEGON 5.5SPLOPENG	EUR											
Warrant	NL0012831564	AEGON 5.6SPLOPENG	EUR											
Warrant	NL0012821383	AEGON 5.7SPLOPENG	EUR											
Warrant	NL0011196753	AEGON 5.9SPLOPENG	EUR	1,2000	1,2300	1,2000			1,2300					
Warrant	NL0012468839	AEGON 6.4SPLOPENG	EUR	1,6800	1,7100	1,6800			1,7100					
Warrant	NL0012479711	AEGON 6.8SPLOPENG	EUR	2,1900	2,2200	2,1900			2,2200					
Warrant	NL0011845532	AEGON 2.27SPLOPENG	EUR	3,2800	3,2800	3,2400			3,2400					
Warrant	NL0011847280	AEGON 2.58SPLOPENG	EUR	2,9600	2,9600	2,9200			2,9200					
Warrant	NL0012073217	AEGON 3.86SPLOPENG	EUR	1,6900	1,6900	1,6500			1,6500					
Warrant	NL0011847116	AEGON1.985SPLOPENG	EUR	3,5600	3,5600	3,5300			3,5300					
Warrant	NL0011844311	AEGON2.424SPLOPENG	EUR	3,1200	3,1200	3,0900			3,0900					
Warrant	NL0011847900	AEGON2.744SPLOPENG	EUR	2,8100	2,8100	2,7800			2,7800					
Warrant	NL0011856042	AEGON2.909SPLOPENG	EUR	2,6500	2,6500	2,6200			2,6200					
Warrant	NL0011856729	AEGON3.082SPLOPENG	EUR	2,4800	2,4800	2,4400			2,4400					
Warrant	NL0011859178	AEGON3.264SPLOPENG	EUR	2,2700	2,2700	2,2400			2,2400					
Warrant	NL0011859657	AEGON3.656SPLOPENG	EUR	1,9000	1,9000	1,8700			1,8700					
Warrant	NL0012075311	AEGON4.075SPLOPENG	EUR	1,4600	1,4600	1,4300			1,4300					
Warrant	NL0012462881	AEGON4.531SPLOPENG	EUR	1,0100	1,0100	0,9700			0,9700					
Warrant	NL0012463913	AEGON4.772SPLOPENG	EUR	0,7400	0,7400	0,7000	365,0000	1	0,7000	500				
Warrant	NL0012067359	AEGON4.977SPLOPENG	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	NL0012824700	AEGONS.018SPLOPENG	EUR	0,5000	0,5000	0,4700	288,4000	2	0,4700	580				
Warrant	NL0012830467	AEGONS.2655SPLOPENG	EUR											
Warrant	NL0012833156	AEGONS.2665SPLOPENG	EUR											
Warrant	NL0012830798	AEGONS.5275SPLOPENG	EUR											
Warrant	NL0012831531	AEGONS.5295SPLOPENG	EUR											
Warrant	NL0012832687	AEGONS.5455SPSOPENG	EUR	0,1000	0,1300	0,1000			0,1300					
Warrant	NL0012820922	AEGONS.5515SPSOPENG	EUR											
Warrant	NL0011196506	AEGONS.9635SPSOPENG	EUR	0,5200	0,5500	0,5200			0,5500					
Warrant	NL0011203740	AEGON7.0115SPSOPENG	EUR	1,5800	1,6100	1,5800			1,6100					
Warrant	NL0011205893	AEGON7.5715SPSOPENG	EUR	2,1300	2,1600	2,1300			2,1600					
Warrant	NL0006423097	AEX 38SPLOPENG	EUR	48,5400	48,5400	48,5400			48,5400					
Warrant	NL0006428179	AEX 51SPLOPENG	EUR	47,2800	47,2800	47,2800			47,2800					
Warrant	NL0006428161	AEX 63SPLOPENG	EUR	46,0700	46,0700	46,0700			46,0700					
Warrant	NL0006422982	AEX 75SPLOPENG	EUR	44,8800	44,8800	44,8800			44,8800					
Warrant	NL0006427973	AEX 81SPLOPENG	EUR	44,2600	44,2600	44,2600			44,2600					
Warrant	NL0006427965	AEX 88SPLOPENG	EUR	43,6500	43,6500	43,6500			43,6500					
Warrant	NL0006428351	AEX 100SPLOPENG	EUR	42,4700	42,4700	42,4700			42,4700					
Warrant	NL0009105006	AEX 113SPLOPENG	EUR	41,1900	41,1900	41,1900			41,1900					
Warrant	NL0009105147	AEX 120SPLOPENG	EUR	40,4600	40,4600	40,4600			40,4600					
Warrant	NL0009105139	AEX 126SPLOPENG	EUR	39,8600	39,8600	39,8600			39,8600					
Warrant	NL0009105592	AEX 133SPLOPENG	EUR	39,1600	39,1600	39,1600			39,1600					
Warrant	NL0009106889	AEX 140SPLOPENG	EUR	38,5300	38,5300	38,5300			38,5300					
Warrant	NL0009106871	AEX 146SPLOPENG	EUR	37,9300	37,9300	37,9300			37,9300					
Warrant	NL0009106863	AEX 152SPLOPENG	EUR	37,3300	37,3300	37,3300			37,3300					
Warrant	NL0009111012	AEX 158SPLOPENG	EUR	36,7200	36,7200	36,7200			36,7200					
Warrant	NL0009111004	AEX 164SPLOPENG	EUR	36,1300	36,1300	36,1300			36,1300					
Warrant	NL0009111061	AEX 170SPLOPENG	EUR	35,5400	35,5400	35,5400			35,5400					
Warrant	NL0009111053	AEX 176SPLOPENG	EUR	34,9400	34,9400	34,9400			34,9400					
Warrant	NL0009111046	AEX 182SPLOPENG	EUR	34,3500	34,3500	34,3500			34,3500					
Warrant	NL0009879477	AEX 188SPLOPENG	EUR	33,8300	33,8300	33,8300			33,8300					
Warrant	NL0009879469	AEX 193SPLOPENG	EUR	33,3100	33,3100	33,3100			33,3100					
Warrant	NL0009901792	AEX 198SPLOPENG	EUR	32,7800	32,7800	32,7800			32,7800					
Warrant	NL0009901784	AEX 204SPLOPENG	EUR	32,2400	32,2400	32,2400			32,2400					
Warrant	NL0009901925	AEX 210SPLOPENG	EUR	31,6900	31,6900	31,6900			31,6900					
Warrant	NL0009902220	AEX 215SPLOPENG	EUR	31,1300	31,1300	31,1300			31,1300					
Warrant	NL0010102521	AEX 227SPLOPENG	EUR	30,0200	30,0200	30,0200			30,0200					
Warrant	NL0010084976	AEX 232SPLOPENG	EUR	29,4900	29,4900	29,4900			29,4900					
Warrant	NL0010085239	AEX 238SPLOPENG	EUR	28,9100	28,9100	28,9100			28,9100					
Warrant	NL0010085221	AEX 244SPLOPENG	EUR	28,3400	28,3400	28,3400			28,3400					
Warrant	NL0010087052	AEX 250SPLOPENG	EUR	27,7200	27,7200	27,7200			27,7200					
Warrant	NL0010201893	AEX 257SPLOPENG	EUR	27,0800	27,0800	27,0800			27,0800					
Warrant	NL0010215349	AEX 264SPLOPENG	EUR	26,4100	26,4100	26,4100			26,4100					
Warrant	NL0010215786	AEX 271SPLOPENG	EUR	25,7000	25,7000	25,7000			25,7000					
Warrant	NL0010350492	AEX 278SPLOPENG	EUR	24,9800	24,9800	24,9800			24,9800					
Warrant	NL0010465506	AEX 285SPLOPENG	EUR	24,2700	24,2700	24,2700			24,2700					
Warrant	NL0010465498	AEX 293SPLOPENG	EUR	23,5400	23,5400	23,5400			23,5400					
Warrant	NL0010467718	AEX 300SPLOPENG	EUR	22,8200	22,8200	22,8200			22,8200					
Warrant	NL0010468476	AEX 308SPLOPENG	EUR	22,0600	22,0600	22,0600			22,0600					
Warrant	NL0010535225	AEX 316SPLOPENG	EUR	21,2900	21,2900	21,2900			21,2900					
Warrant	NL0010829636	AEX 318SPLOPENG	EUR	21,1000	21,1000	21,1000			21,1000					
Warrant	NL0010829628	AEX 320SPLOPENG	EUR	20,9100	20,9100	20,9100			20,9100					
Warrant	NL0010829610	AEX 322SPLOPENG	EUR	21,2700	21,2700	20,7100	957,1500	1	20,7100	45				
Warrant	NL0010829602	AEX 324SPLOPENG	EUR	20,5200	20,5200	20,5200			20,5200					
Warrant	NL0010829594	AEX 326SPLOPENG	EUR	20,3300	20,3300	20,3300			20,3300					
Warrant	NL0010829586	AEX 328SPLOPENG	EUR	20,1300	20,1300	20,1300			20,1300					
Warrant	NL0010829578	AEX 330SPLOPENG	EUR	19,9400	19,9400	19,9400			19,9400					
Warrant	NL0010829560	AEX 332SPLOPENG	EUR	19,7400	19,7400	19,7400			19,7400					
Warrant	NL0010830832	AEX 334SPLOPENG	EUR	19,5400	19,5400	19,5400			19,5400					
Warrant	NL0010938957	AEX 338SPLOPENG	EUR	19,1400	19,1400	19,1400			19,1400					
Warrant	NL0010938940	AEX 340SPLOPENG	EUR	18,9400	18,9400	18,9400			18,9400					
Warrant	NL0010938932	AEX 342SPLOPENG	EUR	18,7400	18,7400	18,7400			18,7400					
Warrant	NL0011618962	AEX 344SPLOPENG	EUR	18,5400	18,5400	18,5400			18,5400					
Warrant	NL0011619515	AEX 346SPLOPENG	EUR	18,3500	18,3500	18,3500			18,3500					
Warrant	NL0011619507	AEX 350SPLOPENG	EUR	17,9600	17,9600	17,9600			17,9600					
Warrant	NL0011619499	AEX 354SPLOPENG	EUR	17,5600	17,5600	17,5600			17,5600					
Warrant	NL0011619481	AEX 358SPLOPENG	EUR	17,1600	17,1600	17,1600			17,1600					
Warrant	NL0011619473	AEX 362SPLOPENG	EUR	16,7500	16,7500	16,7500			16,7500					
Warrant	NL0011620125	AEX 364SPLOPENG	EUR	16,5500	16,5500	16,5500			16,5500					
Warrant	NL0011620240	AEX 366SPLOPENG	EUR	16,3400	16,3400	16,3400			16,3400					
Warrant	NL0011620232	AEX 370SPLOPENG	EUR	15,9300	15,9300	15,9300			15,9300					
Warrant	NL0011622188	AEX 373SPLOPENG	EUR	15,7300	15,7300	15,7300			15,7300					
Warrant	NL0011622287	AEX 375SPLOPENG	EUR	15,5200	15,5200	15,5200			15,5200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011622279	AEX 379SPLOPENG	EUR	15,1000	15,1000	15,1000			15,1000					
Warrant	NL0011622261	AEX 381SPLOPENG	EUR	14,8900	14,8900	14,8900			14,8900					
Warrant	NL0011843925	AEX 383SPLOPENG	EUR	14,6800	14,6800	14,6800			14,6800					
Warrant	NL0011844956	AEX 388SPLOPENG	EUR	14,2600	14,2600	14,2600			14,2600					
Warrant	NL0011844949	AEX 392SPLOPENG	EUR	13,8300	13,8300	13,8300			13,8300					
Warrant	NL0011847207	AEX 394SPLOPENG	EUR	13,6200	13,6200	13,6200			13,6200					
Warrant	NL0011847199	AEX 396SPLOPENG	EUR	13,4100	13,4100	13,4100			13,4100					
Warrant	NL0011847181	AEX 398SPLOPENG	EUR	13,1900	13,1900	13,1900			13,1900					
Warrant	NL0011847652	AEX 403SPLOPENG	EUR	13,1100	13,1100	12,7600	1311,0000	1	12,7600	100				
Warrant	NL0011848072	AEX 405SPLOPENG	EUR	12,5400	12,5400	12,5400			12,5400					
Warrant	NL0011848064	AEX 410SPLOPENG	EUR	12,1000	12,1000	12,1000			12,1000					
Warrant	NL0011848056	AEX 412SPLOPENG	EUR	11,8800	11,8800	11,8800			11,8800					
Warrant	NL0011620695	AEX 412SPLOPENG	EUR											
Warrant	NL0011859277	AEX 415SPLOPENG	EUR	11,5300	11,5300	11,5300			11,5300					
Warrant	NL0011859269	AEX 418SPLOPENG	EUR	11,3100	11,3100	11,3100			11,3100					
Warrant	NL0011859574	AEX 422SPLOPENG	EUR	10,8700	10,8700	10,8700			10,8700					
Warrant	NL0011862263	AEX 424SPLOPENG	EUR	10,6500	10,6500	10,6500			10,6500					
Warrant	NL0011862495	AEX 427SPLOPENG	EUR	10,4200	10,4200	10,4200			10,4200					
Warrant	NL0011862487	AEX 429SPLOPENG	EUR	10,1900	10,1900	10,1900			10,1900					
Warrant	NL0011862479	AEX 431SPLOPENG	EUR	9,9700	9,9700	9,9700			9,9700					
Warrant	NL0011862461	AEX 434SPLOPENG	EUR	9,7400	9,7400	9,7400			9,7400					
Warrant	NL0011862990	AEX 436SPLOPENG	EUR	9,5100	9,5100	9,5100			9,5100					
Warrant	NL0011862982	AEX 438SPLOPENG	EUR	9,2700	9,2700	9,2700			9,2700					
Warrant	NL0011863139	AEX 441SPLOPENG	EUR	9,0400	9,0400	9,0400			9,0400					
Warrant	NL0012061600	AEX 446SPLOPENG	EUR	8,5700	8,5700	8,5700			8,5700					
Warrant	NL0011853080	AEX 447SPLOPENG	EUR											
Warrant	NL0012061972	AEX 448SPLOPENG	EUR	8,3400	8,3400	8,3400			8,3400					
Warrant	NL0011859566	AEX 448SPLOPENG	EUR											
Warrant	NL0011853072	AEX 449SPLOPENG	EUR											
Warrant	NL0011630322	AEX 449SPLOPENG	EUR											
Warrant	NL0012062228	AEX 450SPLOPENG	EUR	8,1000	8,1000	8,1000			8,1000					
Warrant	NL0011859558	AEX 450SPLOPENG	EUR											
Warrant	NL0012062418	AEX 453SPLOPENG	EUR	7,8600	7,8600	7,8600			7,8600					
Warrant	NL0012065320	AEX 455SPLOPENG	EUR	7,6200	7,6200	7,6200			7,6200					
Warrant	NL0012065312	AEX 458SPLOPENG	EUR	7,5000	7,5000	7,3300	20951,7200	5	7,3800	2811				
Warrant	DE000CJ3N872	AEX 460P 0919Z	EUR	1,4650	1,4650	1,4650			1,4650					
Warrant	NL0012065692	AEX 460SPLOPENG	EUR	7,1400	7,1400	7,1400			7,1400					
Warrant	NL0012065817	AEX 465SPLOPENG	EUR	6,6500	6,6500	6,6500			6,6500					
Warrant	NL0012066328	AEX 467SPLOPENG	EUR	5,6200	5,6200	5,6200			5,6200					
Warrant	NL0012066245	AEX 470SPLOPENG	EUR	6,1500	6,1500	6,1500			6,1500					
Warrant	NL0012066807	AEX 473SPLOPENG	EUR	5,9100	5,9100	5,9100			5,9100					
Warrant	NL0012067193	AEX 475SPLOPENG	EUR	5,6700	5,6700	5,6700			5,6700					
Warrant	NL0012067771	AEX 480SPLOPENG	EUR	5,2600	5,2600	5,1700	1052,0000	1	5,1700	200				
Warrant	NL0012068373	AEX 483SPLOPENG	EUR	4,9100	4,9100	4,9100			4,9100					
Warrant	DE000CV4ZYB7	AEX 485P 1218Z	EUR	0,1950	0,1950	0,1950			0,1950					
Warrant	NL0012069496	AEX 488SPLOPENG	EUR	4,4100	4,4100	4,4100			4,4100					
Warrant	DE000CJ3N856	AEX 490P 0319Z	EUR	1,0650	1,0650	1,0650			1,0650					
Warrant	NL0012075899	AEX 491SPLOPENG	EUR	4,7000	4,7000	4,1400	23386,0000	5	4,1400	5250				
Warrant	NL0012079131	AEX 493SPLOPENG	EUR	3,9000	3,9000	3,9000			3,9000					
Warrant	NL0012079123	AEX 496SPLOPENG	EUR	3,6500	3,6500	3,6500			3,6500					
Warrant	NL0012079115	AEX 498SPLOPENG	EUR	3,9800	3,9800	3,4000	12053,0000	4	3,4000	3100				
Warrant	DE000CV8A781	AEX 500P 0619Z	EUR	1,0750	1,0750	1,0750			1,0750					
Warrant	NL0012079586	AEX 501SPLOPENG	EUR											
Warrant	NL0012834246	AEX 503SPLOPENG	EUR	3,5600	3,5700	2,8800	4888,0000	6	2,9000	1600				
Warrant	NL0012079909	AEX 504SPLOPENG	EUR											
Warrant	DE000CV4ZYA9	AEX 505P 1218Z	EUR	0,3750	0,3750	0,3750			0,3750					
Warrant	NL0012474878	AEX 506SPLOPENG	EUR											
Warrant	NL0012478465	AEX 509SPLOPENG	EUR											
Warrant	DE000CV8A622	AEX 510C 0319Z	EUR	1,2450	1,2450	1,2450			1,2450					
Warrant	DE000CV8A732	AEX 510P 0319Z	EUR	0,8250	0,8250	0,8250			0,8250					
Warrant	NL0012478457	AEX 511SPLOPENG	EUR											
Warrant	NL0012833248	AEX 514SPLOPENG	EUR											
Warrant	NL0012478440	AEX 514SPLOPENG	EUR											
Warrant	DE000CV4ZXN4	AEX 515C 1218Z	EUR	0,7950	0,7950	0,7950			0,7950					
Warrant	NL0012833230	AEX 517SPLOPENG	EUR											
Warrant	NL0012478432	AEX 517SPLOPENG	EUR											
Warrant	NL0012478424	AEX 519SPLOPENG	EUR											
Warrant	DE000CV8A773	AEX 520C 0619Z	EUR	0,9850	0,9850	0,9850			0,9850					
Warrant	DE000CJ3N864	AEX 520C 0919Z	EUR	2,1350	2,1350	2,1350			2,1350					
Warrant	NL0012479208	AEX 522SPLOPENG	EUR											
Warrant	DE000CV4ZY95	AEX 525P 1218Z	EUR	0,7450	0,7450	0,7450			0,7450					
Warrant	NL0012479497	AEX 525SPLOPENG	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	NL0012834253	AEX 526SPSOPENG	EUR											
Warrant	NL0011304605	AEX 526SPSOPENG	EUR											
Warrant	NL0012479695	AEX 527SPLOPENG	EUR											
Warrant	NL0012833404	AEX 529SPSOPENG	EUR	1,3400	1,8400	1,3400	134,0000	1	1,8400	100				
Warrant	DE000C3N849	AEX 530C 0319Z	EUR	1,4050	1,4050	1,4050			1,4050					
Warrant	NL0012480156	AEX 530SPLOPENG	EUR											
Warrant	NL0012833412	AEX 531SPSOPENG	EUR	2,1100	2,1100	2,1100			2,1100					
Warrant	NL0012480149	AEX 533SPLOPENG	EUR											
Warrant	NL0012833255	AEX 534SPSOPENG	EUR	2,3900	2,3900	2,3900			2,3900					
Warrant	DE000CV4ZXP9	AEX 535C 1218Z	EUR	0,3050	0,3050	0,3050			0,3050					
Warrant	NL0012830236	AEX 535SPLOPENG	EUR											
Warrant	NL0012480560	AEX 535SPLOPENG	EUR											
Warrant	NL0012833263	AEX 537SPSOPENG	EUR	2,6600	2,6600	2,6600			2,6600					
Warrant	NL0012830558	AEX 538SPLOPENG	EUR											
Warrant	NL0012480552	AEX 538SPLOPENG	EUR											
Warrant	NL0012833271	AEX 539SPSOPENG	EUR	2,8400	2,9400	2,8400	639,0000	1	2,9400	225				
Warrant	DE000CV8A7C9	AEX 540P 0619Z	EUR	2,1350	2,1350	2,1350			2,1350					
Warrant	DE000C3N880	AEX 540P 0919Z	EUR	4,9950	4,9950	4,9950			4,9950					
Warrant	NL0012822829	AEX 540SPLOPENG	EUR											
Warrant	NL0012830905	AEX 541SPLOPENG	EUR											
Warrant	NL0012833289	AEX 542SPSOPENG	EUR	2,7200	3,2100	2,6800	15232,0000	4	3,2100	5600				
Warrant	NL0012822811	AEX 543SPLOPENG	EUR											
Warrant	NL0012831291	AEX 544SPLOPENG	EUR											
Warrant	DE000CV4ZY87	AEX 545P 1218Z	EUR	1,4150	1,4150	1,4150			1,4150					
Warrant	NL0012833297	AEX 545SPSOPENG	EUR	3,3400	3,4900	3,3400	2505,0000	1	3,4900	750				
Warrant	NL0012829139	AEX 545SPSOPENG	EUR											
Warrant	NL0012823819	AEX 546SPLOPENG	EUR											
Warrant	NL0012829147	AEX 547SPSOPENG	EUR											
Warrant	NL0012833305	AEX 548SPSOPENG	EUR	3,7700	3,7700	3,7700			3,7700					
Warrant	NL0012827463	AEX 549SPLOPENG	EUR											
Warrant	DE000CV8A708	AEX 550C 0319Z	EUR	0,3450	0,3450	0,3450			0,3450					
Warrant	DE000CV8A740	AEX 550P 0319Z	EUR	1,9250	1,9250	1,9250			1,9250					
Warrant	NL0012833313	AEX 550SPSOPENG	EUR	4,0600	4,0600	4,0600			4,0600					
Warrant	NL0012829154	AEX 550SPSOPENG	EUR											
Warrant	NL0012828024	AEX 551SPLOPENG	EUR											
Warrant	NL0012823876	AEX 552SPLOPENG	EUR											
Warrant	NL0012829170	AEX 553SPSOPENG	EUR	4,3300	4,3300	4,3300			4,3300					
Warrant	NL0012829162	AEX 553SPSOPENG	EUR											
Warrant	NL0012828305	AEX 554SPLOPENG	EUR											
Warrant	DE000CV4ZXQ7	AEX 555C 1218Z	EUR	0,1050	0,1050	0,1050			0,1050					
Warrant	NL0012824411	AEX 555SPLOPENG	EUR											
Warrant	NL0012829188	AEX 556SPSOPENG	EUR	4,6200	4,6200	4,6200			4,6200					
Warrant	NL0012824403	AEX 557SPLOPENG	EUR											
Warrant	NL0012829196	AEX 559SPSOPENG	EUR	4,3300	4,9100	4,3300	216,5000	1	4,9100	50				
Warrant	DE000CV8A781	AEX 560C 0619Z	EUR	0,3350	0,3350	0,3350			0,3350					
Warrant	NL0012824916	AEX 560SPLOPENG	EUR											
Warrant	NL0012827273	AEX 562SPSOPENG	EUR	5,1900	5,1900	5,1900			5,1900					
Warrant	NL0012825525	AEX 563SPLOPENG	EUR											
Warrant	NL0012827281	AEX 564SPSOPENG	EUR	5,4800	5,4800	5,4800			5,4800					
Warrant	DE000CV4ZY79	AEX 565P 1218Z	EUR	2,3150	2,3150	2,3150			2,3150					
Warrant	NL0012825616	AEX 566SPLOPENG	EUR											
Warrant	NL0012827299	AEX 567SPSOPENG	EUR	5,1200	5,7700	5,1200	4152,0000	2	5,7700	800				
Warrant	NL0012068878	AEX 570SPSOPENG	EUR	6,0700	6,0700	6,0700			6,0700					
Warrant	DE000CV4ZXR5	AEX 575C 1218Z	EUR	0,0620	0,0620	0,0620			0,0620					
Warrant	DE000CV8A7D7	AEX 580P 0619Z	EUR	3,7650	3,7650	3,7650			3,7650					
Warrant	DE000CV4ZY61	AEX 585P 1218Z	EUR	3,2950	3,2950	3,2950			3,2950					
Warrant	NL0012074819	AEX 585SPSOPENG	EUR	7,5900	7,5900	7,5900			7,5900					
Warrant	DE000CV8A716	AEX 590C 0319Z	EUR	0,1050	0,1050	0,1050			0,1050					
Warrant	DE000CV8A757	AEX 590P 0319Z	EUR	3,6950	3,6950	3,6950			3,6950					
Warrant	NL0012463269	AEX 591SPSOPENG	EUR	8,2200	8,2200	8,2200			8,2200					
Warrant	DE000CV4ZX53	AEX 595C 1218Z	EUR	0,0510	0,0510	0,0510			0,0510					
Warrant	DE000CV8A799	AEX 600C 0619Z	EUR	0,1450	0,1450	0,1450			0,1450					
Warrant	NL0012463277	AEX 600SPSOPENG	EUR	8,8100	9,1500	8,8100	13402,6000	3	9,1500	1520				
Warrant	NL0012463285	AEX 613SPSOPENG	EUR	10,4300	10,4300	10,4300			10,4300					
Warrant	DE000CV4ZXT1	AEX 615C 1218Z	EUR	0,0480	0,0480	0,0480			0,0480					
Warrant	DE000CV8A7E5	AEX 620P 0619Z	EUR	5,6750	5,6750	5,6750			5,6750					
Warrant	NL0012463715	AEX 622SPSOPENG	EUR	11,4000	11,4000	11,4000			11,4000					
Warrant	NL0012467906	AEX 626SPSOPENG	EUR	11,7300	11,7300	11,7300			11,7300					
Warrant	DE000CV8A724	AEX 630C 0319Z	EUR	0,0750	0,0750	0,0750			0,0750					
Warrant	DE000CV8A765	AEX 630P 0319Z	EUR	5,6650	5,6650	5,6650			5,6650					
Warrant	NL0012467914	AEX 632SPSOPENG	EUR	12,3800	12,3800	12,3800			12,3800					
Warrant	NL0012470363	AEX 638SPSOPENG	EUR	13,0500	13,0500	13,0500			13,0500					



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
Warrant	DE000CV8A7A3	AEX 640C 0619Z	EUR	0,1030	0,1030	0,1030			0,1030					
Warrant	NL0012470371	AEX 6455SPSOPENG	EUR	13,7200	13,7200	13,7200			13,7200					
Warrant	NL0012470389	AEX 6525SPSOPENG	EUR	14,3900	14,3900	14,3900			14,3900					
Warrant	NL0012819007	AEX 6585SPSOPENG	EUR	15,0700	15,0700	15,0700			15,0700					
Warrant	NL0012819015	AEX 6655SPSOPENG	EUR	15,7500	15,7500	15,7500			15,7500					
Warrant	NL0012820328	AEX 6725SPSOPENG	EUR	16,4400	16,4400	16,4400			16,4400					
Warrant	NL0012825533	AEX 6965SPSOPENG	EUR	18,8900	18,8900	18,8900			18,8900					
Warrant	NL0012825541	AEX 7065SPSOPENG	EUR	19,9700	19,9700	19,9700			19,9700					
Warrant	NL0010215893	AEX 274.SPLOPENG	EUR	24,8500	24,8500	24,8500			24,8500					
Warrant	NL0010938817	AEX 340.SPLOPENG	EUR	18,3200	18,3200	18,3200			18,3200					
Warrant	NL0010938809	AEX 341.SPLOPENG	EUR	18,2200	18,2200	18,2200			18,2200					
Warrant	NL0010938791	AEX 342.SPLOPENG	EUR	18,1100	18,1100	18,1100			18,1100					
Warrant	NL0011622519	AEX 375.SPLOPENG	EUR	14,8100	14,8100	14,8100			14,8100					
Warrant	NL0011847744	AEX 400.SPLOPENG	EUR	12,3200	12,3200	12,3200			12,3200					
Warrant	NL0011862107	AEX 426.SPLOPENG	EUR	9,7200	9,7200	9,7200			9,7200					
Warrant	NL0012061519	AEX 440.SPLOPENG	EUR	8,3200	8,3200	8,3200			8,3200					
Warrant	NL0012061881	AEX 446.SPLOPENG	EUR	7,7100	7,7100	7,7100			7,7100					
Warrant	NL0012065585	AEX 462.SPLOPENG	EUR	6,1200	6,1200	6,1200			6,1200					
Warrant	NL0012066732	AEX 472.SPLOPENG	EUR	4,9600	5,1100	4,9600	2480,0000	1	5,1100	500				
Warrant	NL0012067839	AEX 481.SPLOPENG	EUR	4,2200	4,2200	4,2200			4,2200					
Warrant	NL0012079974	AEX 501.SPLOPENG	EUR											
Warrant	NL0012478580	AEX 510.SPLOPENG	EUR											
Warrant	NL0012832927	AEX 514.SPLOPENG	EUR											
Warrant	NL0012833438	AEX 525.SPLOPENG	EUR											
Warrant	NL0012833461	AEX 529.SPLOPENG	EUR	0,1800	0,9800	0,1800	18856,2100	22	0,8500	25600				
Warrant	NL0012832414	AEX 529.SPLOPENG	EUR											
Warrant	NL0012833495	AEX 533.SPLOPENG	EUR	1,2400	1,2400	1,2400			1,2400					
Warrant	NL0012480461	AEX 534.SPLOPENG	EUR											
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	NL0012828933	AEX 562.SPLOPENG	EUR	4,1600	4,1600	4,1600			4,1600					
Warrant	NL0012818926	AEX 572.SPLOPENG	EUR	5,1600	5,1600	5,1600			5,1600					
Warrant	NL0012072805	AEX 584.SPLOPENG	EUR	5,9300	6,3400	5,9300	1516,5000	2	6,3400	250				
Warrant	NL0012463186	AEX 607.SPLOPENG	EUR	8,6600	8,6600	8,6600			8,6600					
Warrant	NL0012464499	AEX 623.SPLOPENG	EUR	10,2500	10,2500	10,2500			10,2500					
Warrant	NL0012468086	AEX 631.SPLOPENG	EUR	11,0600	11,0600	11,0600			11,0600					
Warrant	NL0012480925	AEX 654.SPLOPENG	EUR	13,3600	13,3600	13,3600			13,3600					
Warrant	NL0010209805	AEX 256.8SPLOPENG	EUR	26,5700	26,5700	26,5700			26,5700					
Warrant	NL0010209797	AEX 263.3SPLOPENG	EUR	25,9200	25,9200	25,9200			25,9200					
Warrant	NL0010215455	AEX 266.8SPLOPENG	EUR	25,5600	25,5600	25,5600			25,5600					
Warrant	NL0010215570	AEX 270.4SPLOPENG	EUR	25,2000	25,2000	25,2000			25,2000					
Warrant	NL0010351003	AEX 281.4SPLOPENG	EUR	24,1100	24,1100	24,1100			24,1100					
Warrant	NL0010466090	AEX 285.1SPLOPENG	EUR	23,7400	23,7400	23,7400			23,7400					
Warrant	NL0010466082	AEX 288.8SPLOPENG	EUR	23,3700	23,3700	23,3700			23,3700					
Warrant	NL0010466074	AEX 292.5SPLOPENG	EUR	23,0000	23,0000	23,0000			23,0000					
Warrant	NL0010467734	AEX 296.3SPLOPENG	EUR	22,6300	22,6300	22,6300			22,6300					
Warrant	NL0010467726	AEX 300.1SPLOPENG	EUR	22,2500	22,2500	22,2500			22,2500					
Warrant	NL0010468369	AEX 303.9SPLOPENG	EUR	21,8600	21,8600	21,8600			21,8600					
Warrant	NL0010468351	AEX 307.8SPLOPENG	EUR	21,4800	21,4800	21,4800			21,4800					
Warrant	NL0010468880	AEX 311.7SPLOPENG	EUR	21,1000	21,1000	21,1000			21,1000					
Warrant	NL0010526075	AEX 315.7SPLOPENG	EUR	20,7000	20,7000	20,7000			20,7000					
Warrant	NL0010535258	AEX 319.7SPLOPENG	EUR	20,3100	20,3100	20,3100			20,3100					
Warrant	NL0010543864	AEX 321.7SPLOPENG	EUR	20,1000	20,1000	20,1000			20,1000					
Warrant	NL0010545448	AEX 322.7SPLOPENG	EUR	20,0100	20,0100	20,0100			20,0100					
Warrant	NL0010544573	AEX 323.8SPLOPENG	EUR	19,9100	19,9100	19,9100			19,9100					
Warrant	NL0010829800	AEX 324.8SPLOPENG	EUR	19,8000	19,8000	19,8000			19,8000					
Warrant	NL0010829792	AEX 325.8SPLOPENG	EUR	19,7000	19,7000	19,7000			19,7000					
Warrant	NL0010829784	AEX 326.8SPLOPENG	EUR	19,6000	19,6000	19,6000			19,6000					
Warrant	NL0010829776	AEX 327.8SPLOPENG	EUR	19,5000	19,5000	19,5000			19,5000					
Warrant	NL0010829768	AEX 328.8SPLOPENG	EUR	19,4400	19,4400	19,4400			19,4400					
Warrant	NL0010829750	AEX 329.8SPLOPENG	EUR	19,3200	19,3200	19,3200			19,3200					
Warrant	NL0010829743	AEX 330.8SPLOPENG	EUR	19,2000	19,2000	19,2000			19,2000					
Warrant	NL0010938247	AEX 332.8SPLOPENG	EUR	19,6500	19,6500	19,0000	1493,4000	1	19,0000	76				
Warrant	NL0010938239	AEX 333.8SPLOPENG	EUR	18,9000	18,9000	18,9000			18,9000					
Warrant	NL0010938866	AEX 334.8SPLOPENG	EUR	18,8100	18,8100	18,8100			18,8100					
Warrant	NL0010938858	AEX 335.9SPLOPENG	EUR	18,7100	18,7100	18,7100			18,7100					
Warrant	NL0010938841	AEX 336.9SPLOPENG	EUR	18,6300	18,6300	18,6300			18,6300					
Warrant	NL0010938833	AEX 337.9SPLOPENG	EUR	18,5300	18,5300	18,5300			18,5300					
Warrant	NL0010938825	AEX 338.9SPLOPENG	EUR	18,4200	18,4200	18,4200			18,4200					
Warrant	NL0010939435	AEX 343.1SPLOPENG	EUR	18,0100	18,0100	18,0100			18,0100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011619879	AEX 345.1SPLOPENG	EUR	17,8100	17,8100	17,8100			17,8100					
Warrant	NL0011619861	AEX 348.1SPLOPENG	EUR	17,5100	17,5100	17,5100			17,5100					
Warrant	NL0011619853	AEX 351.1SPLOPENG	EUR	17,2100	17,2100	17,2100			17,2100					
Warrant	NL0011619846	AEX 355.2SPLOPENG	EUR	16,8000	16,8000	16,8000			16,8000					
Warrant	NL0011619838	AEX 357.2SPLOPENG	EUR	16,6000	16,6000	16,6000			16,6000					
Warrant	NL0011619820	AEX 359.3SPLOPENG	EUR	16,3900	16,3900	16,3900			16,3900					
Warrant	NL0011619812	AEX 361.4SPLOPENG	EUR	16,1800	16,1800	16,1800			16,1800					
Warrant	NL0011620026	AEX 362.4SPLOPENG	EUR	16,0800	16,0800	16,0800			16,0800					
Warrant	NL0011620398	AEX 364.5SPLOPENG	EUR	15,8700	15,8700	15,8700			15,8700					
Warrant	NL0011620380	AEX 366.6SPLOPENG	EUR	15,6600	15,6600	15,6600			15,6600					
Warrant	NL0011620372	AEX 367.6SPLOPENG	EUR	15,5600	15,5600	15,5600			15,5600					
Warrant	NL0011620364	AEX 368.7SPLOPENG	EUR	15,4500	15,4500	15,4500			15,4500					
Warrant	NL0011620588	AEX 371.8SPLOPENG	EUR	15,1300	15,1300	15,1300			15,1300					
Warrant	NL0011622527	AEX 372.9SPLOPENG	EUR	15,0300	15,0300	15,0300			15,0300					
Warrant	NL0011622501	AEX 377.2SPLOPENG	EUR	14,6000	14,6000	14,6000			14,6000					
Warrant	NL0011622493	AEX 379.3SPLOPENG	EUR	14,3800	14,3800	14,3800			14,3800					
Warrant	NL0011622485	AEX 380.4SPLOPENG	EUR	14,2800	14,2800	14,2800			14,2800					
Warrant	NL0011622477	AEX 381.5SPLOPENG	EUR	14,1700	14,1700	14,1700			14,1700					
Warrant	NL0011622469	AEX 382.6SPLOPENG	EUR	14,0600	14,0600	14,0600			14,0600					
Warrant	NL0011844808	AEX 384.7SPLOPENG	EUR	13,8400	13,8400	13,8400			13,8400					
Warrant	NL0011845037	AEX 386.9SPLOPENG	EUR	14,3100	14,3100	13,6300	286,2000	1	13,6300	20				
Warrant	NL0011845029	AEX 389.1SPLOPENG	EUR	13,4100	13,4100	13,4100			13,4100					
Warrant	NL0011845011	AEX 392.3SPLOPENG	EUR	13,0900	13,0900	13,0900			13,0900					
Warrant	NL0011845003	AEX 394.5SPLOPENG	EUR	13,3200	13,3200	12,8700	333,0000	1	12,8700	25				
Warrant	NL0011847256	AEX 395.6SPLOPENG	EUR	12,7600	12,7600	12,7600			12,7600					
Warrant	NL0011847249	AEX 396.7SPLOPENG	EUR	12,6500	12,6500	12,6500			12,6500					
Warrant	NL0011847751	AEX 397.8SPLOPENG	EUR	12,5400	12,5400	12,5400			12,5400					
Warrant	NL0011847736	AEX 401.1SPLOPENG	EUR	12,2100	12,2100	12,2100			12,2100					
Warrant	NL0011847728	AEX 402.2SPLOPENG	EUR	12,1000	12,1000	12,1000			12,1000					
Warrant	NL0011847710	AEX 403.3SPLOPENG	EUR	11,9900	11,9900	11,9900			11,9900					
Warrant	NL0011848205	AEX 404.4SPLOPENG	EUR	11,8700	11,8700	11,8700			11,8700					
Warrant	NL0011848197	AEX 405.6SPLOPENG	EUR	11,7600	11,7600	11,7600			11,7600					
Warrant	NL0011848189	AEX 407.8SPLOPENG	EUR	11,9900	11,9900	11,5400	1798,5000	1	11,5400	150				
Warrant	NL0011620554	AEX 409.3SPLOPENG	EUR											
Warrant	NL0011848171	AEX 410.1SPLOPENG	EUR	11,3100	11,3100	11,3100			11,3100					
Warrant	NL0011848163	AEX 411.2SPLOPENG	EUR	11,2000	11,2000	11,2000			11,2000					
Warrant	NL0011848478	AEX 412.3SPLOPENG	EUR	11,0800	11,0800	11,0800			11,0800					
Warrant	NL0011850664	AEX 413.5SPLOPENG	EUR	10,9700	10,9700	10,9700			10,9700					
Warrant	NL0011859889	AEX 415.7SPLOPENG	EUR	10,7500	10,7500	10,7500			10,7500					
Warrant	NL0011859871	AEX 417.9SPLOPENG	EUR	10,5200	10,5200	10,5200			10,5200					
Warrant	NL0011617550	AEX 419.4SPLOPENG	EUR											
Warrant	NL0011859863	AEX 420.2SPLOPENG	EUR	10,3000	10,3000	10,3000			10,3000					
Warrant	NL0011859855	AEX 422.5SPLOPENG	EUR	10,0700	10,0700	10,0700			10,0700					
Warrant	NL0011860812	AEX 423.7SPLOPENG	EUR	9,9500	9,9500	9,9500			9,9500					
Warrant	NL0011862115	AEX 424.8SPLOPENG	EUR	9,8400	9,8400	9,8400			9,8400					
Warrant	NL0011862354	AEX 427.1SPLOPENG	EUR	9,6000	9,6000	9,6000			9,6000					
Warrant	NL0011862347	AEX 428.3SPLOPENG	EUR	9,4900	9,4900	9,4900			9,4900					
Warrant	NL0011862339	AEX 429.5SPLOPENG	EUR	9,3700	9,3700	9,3700			9,3700					
Warrant	NL0011862321	AEX 430.6SPLOPENG	EUR	9,2500	9,2500	9,2500			9,2500					
Warrant	NL0011862313	AEX 431.8SPLOPENG	EUR	9,1400	9,1400	9,1400			9,1400					
Warrant	NL0011862743	AEX 432.9SPLOPENG	EUR	9,0200	9,0200	9,0200			9,0200					
Warrant	NL0011862735	AEX 434.1SPLOPENG	EUR	8,9000	8,9000	8,9000			8,9000					
Warrant	NL0011862925	AEX 435.3SPLOPENG	EUR	8,7900	8,7900	8,7900			8,7900					
Warrant	NL0011862917	AEX 436.5SPLOPENG	EUR	8,6700	8,6700	8,6700			8,6700					
Warrant	NL0011862909	AEX 437.7SPLOPENG	EUR	8,5500	8,5500	8,5500			8,5500					
Warrant	NL0011863097	AEX 438.8SPLOPENG	EUR	8,4400	8,4400	8,4400			8,4400					
Warrant	NL0012061501	AEX 441.2SPLOPENG	EUR	8,6500	8,6500	8,2000	865,0000	1	8,2000	100				
Warrant	NL0012061493	AEX 442.4SPLOPENG	EUR	8,0800	8,0800	8,0800			8,0800					
Warrant	NL0012061485	AEX 443.6SPLOPENG	EUR	7,9600	7,9600	7,9600			7,9600					
Warrant	NL0012061634	AEX 444.8SPLOPENG	EUR	7,8400	7,8400	7,8400			7,8400					
Warrant	NL0011859848	AEX 445.4SPLOPENG	EUR											
Warrant	NL0011853114	AEX 446.2SPLOPENG	EUR											
Warrant	NL0011859830	AEX 446.6SPLOPENG	EUR											
Warrant	NL0012062244	AEX 447.3SPLOPENG	EUR	7,5900	7,5900	7,5900			7,5900					
Warrant	NL0011853106	AEX 447.3SPLOPENG	EUR											
Warrant	NL0011859822	AEX 447.7SPLOPENG	EUR											
Warrant	NL0011853239	AEX 448.4SPLOPENG	EUR											
Warrant	NL0012062236	AEX 448.5SPLOPENG	EUR	7,4700	7,4700	7,4700			7,4700					
Warrant	NL0011853668	AEX 449.6SPLOPENG	EUR											
Warrant	NL0012062368	AEX 449.7SPLOPENG	EUR	7,3500	7,3500	7,3500			7,3500					
Warrant	NL0011853650	AEX 450.7SPLOPENG	EUR											
Warrant	NL0012062350	AEX 452.1SPLOPENG	EUR	7,1100	7,1100	7,1100			7,1100					



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	NL0012062525	AEX 453.3SPLOPENG	EUR	6,9800	6,9800	6,9800			6,9800					
Warrant	NL0012062517	AEX 454.6SPLOPENG	EUR	6,8600	6,8600	6,8600			6,8600					
Warrant	NL0012065619	AEX 455.8SPLOPENG	EUR	6,7400	6,7400	6,7400			6,7400					
Warrant	NL0011357348	AEX 455.9SPSOPENG	EUR											
Warrant	NL0012065601	AEX 458.3SPLOPENG	EUR	6,4900	6,4900	6,4900			6,4900					
Warrant	NL0012065593	AEX 460.8SPLOPENG	EUR	6,2400	6,2400	6,2400			6,2400					
Warrant	NL0012066047	AEX 463.2SPLOPENG	EUR	6,0900	6,0900	5,9900	6090,0000	2	5,9900	1000				
Warrant	NL0012066039	AEX 464.5SPLOPENG	EUR	5,8700	5,8700	5,8700			5,8700					
Warrant	NL0012066021	AEX 465.7SPLOPENG	EUR	6,2700	6,2700	5,7400	1211,0000	2	5,7400	200				
Warrant	NL0012066310	AEX 468.3SPLOPENG	EUR	5,9300	5,9300	5,4900	237,2000	1	5,4900	40				
Warrant	NL0012066740	AEX 469.5SPLOPENG	EUR	5,3700	5,3700	5,3700			5,3700					
Warrant	NL0012066955	AEX 473.3SPLOPENG	EUR	4,9900	4,9900	4,9900			4,9900					
Warrant	NL0012067250	AEX 474.6SPLOPENG	EUR	4,8600	4,8600	4,8600			4,8600					
Warrant	NL0012067854	AEX 475.8SPLOPENG	EUR	4,7300	4,7300	4,7300			4,7300					
Warrant	NL0012067847	AEX 478.4SPLOPENG	EUR	5,0400	5,0500	4,4800	3971,0000	5	4,4800	800				
Warrant	NL0012067821	AEX 482.3SPLOPENG	EUR	4,1900	4,1900	4,0900	314,2500	1	4,0900	75				
Warrant	NL0012068597	AEX 484.9SPLOPENG	EUR	3,8300	3,8300	3,8300			3,8300					
Warrant	NL0012068720	AEX 486.2SPLOPENG	EUR	4,1500	4,1500	3,7000	22310,0000	7	3,7000	5900				
Warrant	NL0012069371	AEX 487.5SPLOPENG	EUR	4,2300	4,2300	3,5700	2316,1500	3	3,5700	597				
Warrant	NL0012069926	AEX 488.8SPLOPENG	EUR	3,4400	3,4400	3,4400			3,4400					
Warrant	NL0012070080	AEX 490.1SPLOPENG	EUR	3,9600	3,9900	3,3000	12628,2900	11	3,3100	3457				
Warrant	NL0012070502	AEX 491.4SPLOPENG	EUR	3,6200	3,6200	3,1800	3,6200	1	3,1800	1				
Warrant	NL0012076046	AEX 492.6SPLOPENG	EUR	3,6700	3,6700	3,0500	11523,1000	5	3,0500	3160				
Warrant	NL0012076038	AEX 493.9SPLOPENG	EUR	2,9200	2,9200	2,9200			2,9200					
Warrant	NL0012076020	AEX 495.2SPLOPENG	EUR	3,4200	3,4200	2,7900	6317,0000	6	2,7900	2060				
Warrant	NL0012079248	AEX 496.5SPLOPENG	EUR	3,3400	3,3800	2,6700	7830,1200	7	2,6700	2401				
Warrant	NL0012079230	AEX 497.8SPLOPENG	EUR	2,5100	2,5500	2,5100	110,4400	1	2,5500	44				
Warrant	NL0012079982	AEX 499.1SPLOPENG	EUR	3,0400	3,1200	2,3800	84968,7100	42	2,4100	30206				
Warrant	NL0012079966	AEX 502.3SPLOPENG	EUR											
Warrant	NL0012079958	AEX 503.6SPLOPENG	EUR											
Warrant	NL0012080279	AEX 504.8SPLOPENG	EUR											
Warrant	NL0012473383	AEX 506.2SPLOPENG	EUR											
Warrant	NL0012478051	AEX 507.5SPLOPENG	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	NL0012478549	AEX 515.2SPLOPENG	EUR											
Warrant	NL0012832919	AEX 515.2SPLOPENG	EUR											
Warrant	NL0012478531	AEX 516.5SPLOPENG	EUR											
Warrant	NL0012832901	AEX 516.5SPLOPENG	EUR											
Warrant	NL0012832893	AEX 517.8SPLOPENG	EUR											
Warrant	NL0012478523	AEX 517.8SPLOPENG	EUR											
Warrant	NL0012834063	AEX 518.5SPSOPENG	EUR											
Warrant	NL0012479323	AEX 519.1SPLOPENG	EUR											
Warrant	NL0012832885	AEX 519.1SPLOPENG	EUR											
Warrant	NL0012834071	AEX 519.8SPSOPENG	EUR											
Warrant	NL0012479638	AEX 520.5SPLOPENG	EUR											
Warrant	NL0012833586	AEX 521.1SPSOPENG	EUR											
Warrant	NL0012479620	AEX 521.8SPLOPENG	EUR											
Warrant	NL0012833594	AEX 522.4SPSOPENG	EUR											
Warrant	NL0012479612	AEX 523.2SPLOPENG	EUR											
Warrant	NL0012833420	AEX 523.7SPSOPENG	EUR											
Warrant	NL0012479752	AEX 524.5SPLOPENG	EUR											
Warrant	NL0012479810	AEX 525.9SPLOPENG	EUR											
Warrant	NL0012833446	AEX 526.4SPSOPENG	EUR											
Warrant	NL0012064471	AEX 526.5SPSOPENG	EUR											
Warrant	NL0012479802	AEX 527.2SPLOPENG	EUR											
Warrant	NL0012064752	AEX 527.5SPSOPENG	EUR											
Warrant	NL0012833453	AEX 527.7SPSOPENG	EUR											
Warrant	NL0012479794	AEX 528.5SPLOPENG	EUR											
Warrant	NL0012479786	AEX 529.9SPLOPENG	EUR											
Warrant	NL0012833479	AEX 530.4SPSOPENG	EUR	0,3400	1,1300	0,3400	2953,0000	5	0,9900	6200				
Warrant	NL0012479778	AEX 531.2SPLOPENG	EUR											
Warrant	NL0012832422	AEX 531.6SPSOPENG	EUR											
Warrant	NL0012833487	AEX 531.7SPSOPENG	EUR	0,5500	1,1300	0,5500	2203,1000	10	1,1300	2830				
Warrant	NL0012480479	AEX 532.6SPLOPENG	EUR											
Warrant	NL0012832430	AEX 534.4SPSOPENG	EUR	0,8200	1,4600	0,6900	16667,2200	81	1,3900	17734				
Warrant	NL0012480453	AEX 534.7SPLOPENG	EUR											
Warrant	NL0012830624	AEX 535.3SPLOPENG	EUR											
Warrant	NL0012480446	AEX 536.1SPLOPENG	EUR											
Warrant	NL0012830616	AEX 536.6SPLOPENG	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	NL0012481048	AEX 538.1SPLOPENG	EUR											
Warrant	NL0012832448	AEX 538.45SPSOPENG	EUR	1,2200	1,8000	1,1000	33294,0000	19	1,8000	23800				
Warrant	NL0012830855	AEX 539.35SPLOPENG	EUR											
Warrant	NL0012481030	AEX 539.45SPLOPENG	EUR											
Warrant	NL0012833024	AEX 539.95SPSOPENG	EUR	1,9500	1,9500	1,9500			1,9500					
Warrant	NL0012830848	AEX 540.75SPLOPENG	EUR											
Warrant	NL0012818942	AEX 540.85SPLOPENG	EUR											
Warrant	NL0012833032	AEX 541.95SPSOPENG	EUR	1,4900	2,1500	1,4900	3422,0000	6	2,1500	2000				
Warrant	NL0012823637	AEX 542.1SPLOPENG	EUR											
Warrant	NL0012823629	AEX 543.55SPLOPENG	EUR											
Warrant	NL0012832455	AEX 543.95SPSOPENG	EUR	2,3400	2,3400	2,3400			2,3400					
Warrant	NL0012823983	AEX 544.85SPLOPENG	EUR											
Warrant	NL0012824163	AEX 546.25SPLOPENG	EUR											
Warrant	NL0012828800	AEX 546.25SPSOPENG	EUR											
Warrant	NL0012831739	AEX 546.65SPSOPENG	EUR	1,9400	2,6200	1,9400	1940,0000	1	2,6200	1000				
Warrant	NL0012828818	AEX 547.55SPSOPENG	EUR											
Warrant	NL0012824551	AEX 547.65SPLOPENG	EUR											
Warrant	NL0012833040	AEX 548.25SPSOPENG	EUR	2,7800	2,7800	2,7800			2,7800					
Warrant	NL0012828826	AEX 548.95SPSOPENG	EUR											
Warrant	NL0012828289	AEX 550.35SPLOPENG	EUR											
Warrant	NL0012828834	AEX 550.35SPSOPENG	EUR											
Warrant	NL0012824536	AEX 550.45SPLOPENG	EUR											
Warrant	NL0012831747	AEX 550.85SPSOPENG	EUR	3,0300	3,0300	3,0300			3,0300					
Warrant	NL0012828842	AEX 551.55SPSOPENG	EUR											
Warrant	NL0012828503	AEX 551.75SPLOPENG	EUR											
Warrant	NL0012824908	AEX 551.95SPLOPENG	EUR											
Warrant	NL0012828859	AEX 552.85SPSOPENG	EUR											
Warrant	NL0012824890	AEX 553.35SPLOPENG	EUR											
Warrant	NL0012828875	AEX 553.55SPSOPENG	EUR	2,7600	3,3000	2,7600	1184,0000	2	3,3000	400				
Warrant	NL0012828867	AEX 554.15SPSOPENG	EUR											
Warrant	NL0012824882	AEX 554.75SPLOPENG	EUR											
Warrant	NL0012828883	AEX 554.95SPSOPENG	EUR	3,4600	3,4600	3,4600			3,4600					
Warrant	NL0012825285	AEX 556.15SPLOPENG	EUR											
Warrant	NL0012828891	AEX 556.35SPSOPENG	EUR	3,5900	3,5900	3,5900			3,5900					
Warrant	NL0012825301	AEX 557.55SPLOPENG	EUR											
Warrant	NL0012828909	AEX 557.75SPSOPENG	EUR	3,7300	3,7300	3,7300			3,7300					
Warrant	NL0012828917	AEX 559.15SPSOPENG	EUR	3,8700	3,8700	3,8700			3,8700					
Warrant	NL0012825665	AEX 560.45SPLOPENG	EUR											
Warrant	NL0012828925	AEX 560.55SPSOPENG	EUR	4,0100	4,0100	4,0100			4,0100					
Warrant	NL0012826473	AEX 561.85SPLOPENG	EUR											
Warrant	NL0012827349	AEX 563.45SPSOPENG	EUR	4,1800	4,3000	4,1800	8400,0000	2	4,3000	2000				
Warrant	NL0012827356	AEX 564.85SPSOPENG	EUR	4,4500	4,4500	4,4500			4,4500					
Warrant	NL0012827364	AEX 566.25SPSOPENG	EUR	4,5800	4,5800	4,5800			4,5800					
Warrant	NL0012827372	AEX 567.75SPSOPENG	EUR	4,7200	4,7200	4,7200			4,7200					
Warrant	NL0012827380	AEX 569.15SPSOPENG	EUR	4,8600	4,8600	4,8600			4,8600					
Warrant	NL0012818918	AEX 570.55SPSOPENG	EUR	5,0100	5,0100	5,0100			5,0100					
Warrant	NL0012071948	AEX 573.55SPSOPENG	EUR	5,2900	5,2900	5,2900			5,2900					
Warrant	NL0012818900	AEX 575.35SPSOPENG	EUR											
Warrant	NL0012073845	AEX 594.65SPSOPENG	EUR	7,4200	7,4200	7,4200			7,4200					
Warrant	NL0012078257	AEX 599.25SPSOPENG	EUR	7,8800	7,8800	7,8800			7,8800					
Warrant	NL0012463160	AEX 600.85SPSOPENG	EUR	8,0400	8,0400	8,0400			8,0400					
Warrant	NL0012463178	AEX 603.95SPSOPENG	EUR	8,3500	8,3500	8,3500			8,3500					
Warrant	NL0012463517	AEX 610.35SPSOPENG	EUR	8,9900	8,9900	8,9900			8,9900					
Warrant	NL0012463525	AEX 613.55SPSOPENG	EUR	9,3100	9,3100	9,3100			9,3100					
Warrant	NL0012463665	AEX 618.25SPSOPENG	EUR	9,7800	9,7800	9,7800			9,7800					
Warrant	NL0012464507	AEX 626.25SPSOPENG	EUR	10,5700	10,5700	10,5700			10,5700					
Warrant	NL0012470074	AEX 634.35SPSOPENG	EUR	11,3800	11,3800	11,3800			11,3800					
Warrant	NL0012470538	AEX 637.55SPSOPENG	EUR	11,7100	11,7100	11,7100			11,7100					
Warrant	NL0012470546	AEX 640.85SPSOPENG	EUR	12,0400	12,0400	12,0400			12,0400					
Warrant	NL0012471254	AEX 644.15SPSOPENG	EUR	12,3700	12,3700	12,3700			12,3700					
Warrant	NL0012471262	AEX 647.45SPSOPENG	EUR	12,7000	12,7000	12,7000			12,7000					
Warrant	NL0012480917	AEX 650.75SPSOPENG	EUR	13,0300	13,0300	13,0300			13,0300					
Warrant	NL0012825319	AEX 655.65SPSOPENG	EUR	13,5200	13,5200	13,5200			13,5200					
Warrant	NL0012825327	AEX 658.95SPSOPENG	EUR	13,8500	13,8500	13,8500			13,8500					
Warrant	NL0012826481	AEX 662.25SPSOPENG	EUR	14,1800	14,1800	14,1800			14,1800					
Warrant	NL0009901826	AGEAS 0.71SPLOPENG	EUR	4,4400	4,4400	4,4000			4,4000					
Warrant	NL0010206389	AGEAS 8.17SPLOPENG	EUR	3,7500	3,7500	3,7100			3,7100					
Warrant	NL0010211785	AGEAS 9.51SPLOPENG	EUR	3,6400	3,6400	3,6000			3,6000					
Warrant	NL0010217345	AGEAS10.94SPLOPENG	EUR	3,5100	3,5100	3,4700			3,4700					
Warrant	NL0010361176	AGEAS17.63SPLOPENG	EUR	28,8700	28,8700	28,4000			28,4000					
Warrant	NL0010941076	AGEAS19.36SPLOPENG	EUR	27,2900	27,2900	26,8200			26,8200					
Warrant	NL0010949459	AGEAS21.22SPLOPENG	EUR	25,6000	25,6000	25,1300			25,1300					



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
Warrant	NL0011014410	AGEAS23.21SPLOPENG	EUR	23,8100	23,8100	23,3400			23,3400					
Warrant	NL0011028964	AGEAS25.34SPLOPENG	EUR	21,8700	21,8700	21,4000			21,4000					
Warrant	NL0012063168	AGEAS31.95SPLOPENG	EUR	15,8700	15,8700	15,4000			15,4000					
Warrant	NL0012470629	AGEAS36.89SPLOPENG	EUR	11,3800	11,3800	10,9100			10,9100					
Warrant	NL0012477327	AGEAS39.61SPLOPENG	EUR	8,9000	8,9000	8,4300			8,4300					
Warrant	NL0012825947	AGEAS42.32SPLOPENG	EUR											
Warrant	NL0009884725	AGFA 1SPLOPENG	EUR	3,1700	3,1700	3,1200			3,1200					
Warrant	NL0009884881	AGFA 0.95SPLOPENG	EUR	3,2900	3,2900	3,2400			3,2400					
Warrant	NL0010465951	AGFA 1.48SPLOPENG	EUR	2,7200	2,7200	2,6700			2,6700					
Warrant	NL0010596326	AGFA 1.78SPLOPENG	EUR	2,4500	2,4500	2,4000			2,4000					
Warrant	NL0011208368	AGFA 2.13SPLOPENG	EUR	2,1300	2,1300	2,0800			2,0800					
Warrant	NL0011201702	AGFA 2.32SPLOPENG	EUR	1,9200	1,9200	1,8700			1,8700					
Warrant	NL0011366935	AGFA 2.54SPLOPENG	EUR	1,7500	1,7500	1,7000			1,7000					
Warrant	NL0012468912	AGFA 2.77SPLOPENG	EUR	1,5200	1,5200	1,4700			1,4700					
Warrant	NL0012820633	AGFA 3.03SPLOPENG	EUR	1,3100	1,3100	1,2600			1,2600					
Warrant	NL0012823058	AGFA 3.31SPLOPENG	EUR	1,0600	1,0600	1,0100			1,0100					
Warrant	NL0012823041	AGFA 3.59SPLOPENG	EUR											
Warrant	NL0012833784	AGFA 3.61SPLOPENG	EUR	0,7800	0,7800	0,7300			0,7300					
Warrant	NL0012828743	AGFA 3.61SPLOPENG	EUR											
Warrant	NL0012826515	AGFA 3.92SPLOPENG	EUR											
Warrant	NL0012471007	AGFA 4.32SPSOPENG	EUR	0,8200	0,8500	0,8200			0,8500					
Warrant	NL0012468920	AGFA 4.86SPSOPENG	EUR	1,4300	1,4600	1,4300			1,4600					
Warrant	NL0012469688	AGFA 5.39SPSOPENG	EUR	2,0200	2,0500	2,0200			2,0500					
Warrant	NL0010353256	AHOLD 9SPLOPENG	EUR	12,2300	12,2300	12,1400			12,1400					
Warrant	DE000CV894Y8	AHOLD 18C 1218Z	EUR	2,5250	2,5250	2,5250			2,5250					
Warrant	NL0012478911	AHOLD 18SPLOPENG	EUR	3,8000	3,8000	3,7000			3,7000					
Warrant	DE000CJ3N9J5	AHOLD 20C 0319Z	EUR	1,2750	1,2750	1,2750			1,2750					
Warrant	DE000CV894Z5	AHOLD 20C 1218Z	EUR	0,8950	0,8950	0,8950			0,8950					
Warrant	DE000CV8AMT8	AHOLD 22C 1218Z	EUR	0,1450	0,1450	0,1450			0,1450					
Warrant	DE000CV8AMU6	AHOLD 24C 1218Z	EUR	0,0350	0,0350	0,0350			0,0350					
Warrant	DE000CV8AMW2	AHOLD 25C 0319Z	EUR	0,0750	0,0750	0,0750			0,0750					
Warrant	DE000CV8AMV4	AHOLD 25C 1218Z	EUR	0,0210	0,0210	0,0210			0,0210					
Warrant	NL0006420770	AHOLD 2.45SPLOPENG	EUR	18,3300	18,3300	18,2400			18,2400					
Warrant	NL0009113380	AHOLD 4.85SPLOPENG	EUR	16,0500	16,0500	15,9500			15,9500					
Warrant	NL0009882711	AHOLD 6.25SPLOPENG	EUR	14,7800	14,7800	14,6800			14,6800					
Warrant	NL0010084752	AHOLD 6.75SPLOPENG	EUR	14,3300	14,3300	14,2400			14,2400					
Warrant	NL0010345864	AHOLD 8.15SPLOPENG	EUR	13,0100	13,0100	12,9100			12,9100					
Warrant	NL0010603734	AHOLD 8.95SPLOPENG	EUR	11,7000	11,7000	11,6100			11,6100					
Warrant	NL0010468195	AHOLD 9.85SPLOPENG	EUR	11,4500	11,4500	11,3500			11,3500					
Warrant	NL0010940045	AHOLD 10.75SPLOPENG	EUR	10,6600	10,6600	10,5700			10,5700					
Warrant	NL0010944369	AHOLD 11.65SPLOPENG	EUR	9,7800	9,7800	9,6800			9,6800					
Warrant	NL0010962544	AHOLD 12.55SPLOPENG	EUR	8,8600	8,8600	8,7700			8,7700					
Warrant	NL0010968699	AHOLD 13.65SPLOPENG	EUR	7,8900	7,8900	7,7900			7,7900					
Warrant	NL0012079578	AHOLD 13.95SPLOPENG	EUR	6,7000	6,7000	6,6000			6,6000					
Warrant	NL0012080683	AHOLD 14.65SPLOPENG	EUR	6,9600	6,9600	6,8600			6,8600					
Warrant	NL0012465033	AHOLD 15.75SPLOPENG	EUR	5,9600	5,9600	5,8700			5,8700					
Warrant	NL0012472351	AHOLD 16.75SPLOPENG	EUR	3,9000	3,9000	3,8100			3,8100					
Warrant	NL0012474639	AHOLD 16.85SPLOPENG	EUR	4,9400	4,9400	4,8400			4,8400					
Warrant	NL0012478721	AHOLD 18.55SPLOPENG	EUR	2,0900	2,0900	2,0000			2,0000					
Warrant	NL0012821391	AHOLD 19.25SPLOPENG	EUR											
Warrant	NL0012833693	AHOLD 19.35SPLOPENG	EUR	2,6100	2,6100	2,5100			2,5100					
Warrant	NL0012824445	AHOLD 20.65SPLOPENG	EUR											
Warrant	NL0012828214	AHOLD 20.65SPLOPENG	EUR											
Warrant	NL0012832232	AHOLD 20.75SPSOPENG	EUR	2,0000	2,0900	2,0000			2,0900					
Warrant	DE000CJ3PJ27	AHOLD 22.5C 0319Z	EUR	0,3050	0,3050	0,3050			0,3050					
Warrant	NL0012479729	AHOLD 22.85SPSOPENG	EUR	4,2300	4,3200	4,2300			4,3200					
Warrant	NL0010589784	AHOLD 9.49SPLOPENG	EUR	11,0700	11,0700	10,9800			10,9800					
Warrant	NL0010589776	AHOLD10.12SPLOPENG	EUR	10,4800	10,4800	10,3800			10,3800					
Warrant	NL0010940003	AHOLD10.75SPLOPENG	EUR	9,9000	9,9000	9,8100			9,8100					
Warrant	NL0010940987	AHOLD11.41SPLOPENG	EUR	9,0900	9,0900	8,9900			8,9900					
Warrant	NL0010947206	AHOLD12.11SPLOPENG	EUR	8,5200	8,5200	8,4300			8,4300					
Warrant	NL0010962684	AHOLD12.83SPLOPENG	EUR	7,7700	7,7700	7,6800			7,6800					
Warrant	NL0010967246	AHOLD13.59SPLOPENG	EUR	6,9500	6,9500	6,8500			6,8500					
Warrant	NL0012079065	AHOLD14.31SPLOPENG	EUR	6,3000	6,3000	6,2100			6,2100					
Warrant	NL0012462899	AHOLD15.07SPLOPENG	EUR	5,5300	5,5300	5,4400			5,4400					
Warrant	NL0012464978	AHOLD15.86SPLOPENG	EUR	4,7400	4,7400	4,6400			4,6400					
Warrant	NL0012476402	AHOLD17.58SPLOPENG	EUR	3,0200	3,0200	2,9300			2,9300					
Warrant	NL0012820930	AHOLD19.39SPLOPENG	EUR											
Warrant	NL0012833164	AHOLD19.43SPLOPENG	EUR	1,1700	1,1700	1,0700	108,0000	1	1,0700	100				
Warrant	NL0012823991	AHOLD20.33SPLOPENG	EUR											
Warrant	NL0012827703	AHOLD20.37SPLOPENG	EUR											
Warrant	NL0012830012	AHOLD20.87SPSOPENG	EUR	0,5200	0,6100	0,5200			0,6100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0011850409	AHOLD22.45SPSOPENG	EUR	2,1000	2,1900	2,1000			2,1900					
Warrant	NL0012824718	AHOLD24.02SPSOPENG	EUR	3,6600	3,7500	3,6600			3,7500					
Warrant	DE000CJ3PJ51	AIRFR 8C 0619Z	EUR	1,8550	1,8550	1,8550			1,8550					
Warrant	DE000CV8AMD2	AIRFR 9C 0319Z	EUR	1,0250	1,0250	1,0250			1,0250					
Warrant	DE000CJ3PJ79	AIRFR 9C 0619Z	EUR	1,3050	1,3050	1,3050			1,3050					
Warrant	NL0012480073	AIRFR 9SPSOPENG	EUR											
Warrant	DE000CV8APU9	AIRFR 10C 0319Z	EUR	0,6300	0,6300	0,6300			0,6300					
Warrant	NL0012470991	AIRFR 13SPSOPENG	EUR	5,1100	5,2600	5,1100			5,2600					
Warrant	NL0009885516	AIRFR 3.2SPLOPENG	EUR	6,6400	6,6400	6,4800			6,4800					
Warrant	NL0010104337	AIRFR 3.7SPLOPENG	EUR	6,1800	6,1800	6,0100			6,0100					
Warrant	NL0010207023	AIRFR 4.7SPLOPENG	EUR	5,3000	5,3000	5,1400			5,1400					
Warrant	DE000CV89556	AIRFR 7.5C 1218Z	EUR	1,8850	1,8850	1,8850			1,8850					
Warrant	NL0012819999	AIRFR 8.1SPSOPENG	EUR											
Warrant	DE000CJ3N898	AIRFR 8.2C 0319Z	EUR	1,5650	1,5650	1,5650			1,5650					
Warrant	DE000CV8AMB6	AIRFR 8.5C 1218Z	EUR	1,0650	1,0650	1,0650			1,0650					
Warrant	NL0010955654	AIRFR 8.5SPSOPENG	EUR											
Warrant	NL0012832364	AIRFR 8.9SPSOPENG	EUR											
Warrant	NL0012829485	AIRFR 8.9SPSOPENG	EUR											
Warrant	NL0012477913	AIRFR 9.3SPSOPENG	EUR											
Warrant	DE000CV8AMC4	AIRFR 9.5C 1218Z	EUR	0,4800	0,4800	0,4800			0,4800					
Warrant	NL0012477368	AIRFR 9.8SPSOPENG	EUR	1,5300	1,6700	1,5300			1,6700					
Warrant	DE000CV88227	AIRFR 10.5C 1218Z	EUR	0,1750	0,1750	0,1750			0,1750					
Warrant	NL0012476295	AIRFR 10.8SPSOPENG	EUR	2,6100	2,7600	2,6100			2,7600					
Warrant	NL0012474779	AIRFR 11.8SPSOPENG	EUR	3,8000	3,9500	3,8000			3,9500					
Warrant	NL0012078448	AIRFR 14.4SPSOPENG	EUR	5,0800	5,2300	5,0800			5,2300					
Warrant	NL0011855051	AIRFR 4.22SPLOPENG	EUR	5,3500	5,3500	5,1900			5,1900					
Warrant	NL0011852769	AIRFR 4.45SPLOPENG	EUR	5,1400	5,1400	4,9800	1262,5000	1	4,9800	250				
Warrant	NL0011850557	AIRFR 4.66SPLOPENG	EUR	4,9300	4,9300	4,7700			4,7700					
Warrant	NL0011857552	AIRFR 4.89SPLOPENG	EUR	4,6900	4,6900	4,5200			4,5200					
Warrant	NL0012065965	AIRFR 5.14SPLOPENG	EUR	4,4400	4,4400	4,2700			4,2700					
Warrant	NL0012066195	AIRFR 5.97SPLOPENG	EUR	3,6000	3,6000	3,4400			3,4400					
Warrant	NL0012066799	AIRFR 6.29SPLOPENG	EUR	3,2900	3,2900	3,1300	96,0000	1	3,1300	30				
Warrant	NL0012067409	AIRFR 6.61SPLOPENG	EUR	2,9500	2,9500	2,7400	274,0000	1	2,7900	100				
Warrant	DE000CV89549	AIRFR 6.75C 1218Z	EUR	2,5800	2,5800	2,5800			2,5800					
Warrant	NL0012823777	AIRFR 6.95SPLOPENG	EUR	2,6200	2,6200	2,4600	2560,0000	1	2,4600	1000				
Warrant	NL0012826259	AIRFR 7.31SPLOPENG	EUR	2,2700	2,2800	2,1100	456,0000	1	2,1100	200				
Warrant	NL0012826382	AIRFR 7.68SPLOPENG	EUR	1,8800	1,8800	1,7200	857,5000	1	1,7200	490				
Warrant	NL0012818645	AIRFR 8.02SPSOPENG	EUR											
Warrant	NL0012826374	AIRFR 8.06SPLOPENG	EUR											
Warrant	NL0012833206	AIRFR 8.07SPLOPENG	EUR											
Warrant	NL0012829261	AIRFR 8.08SPLOPENG	EUR											
Warrant	NL0010955191	AIRFR 8.47SPSOPENG	EUR											
Warrant	NL0012826366	AIRFR 8.48SPLOPENG	EUR											
Warrant	NL0012827430	AIRFR 8.48SPLOPENG	EUR											
Warrant	NL0012830111	AIRFR 8.49SPLOPENG	EUR											
Warrant	NL0012831267	AIRFR 8.49SPLOPENG	EUR											
Warrant	NL0012831879	AIRFR 8.49SPLOPENG	EUR											
Warrant	NL0012832117	AIRFR 8.61SPSOPENG	EUR											
Warrant	NL0012833925	AIRFR 8.61SPSOPENG	EUR											
Warrant	NL0010753190	AIRFR 8.86SPSOPENG	EUR											
Warrant	NL0012827745	AIRFR 8.92SPLOPENG	EUR											
Warrant	NL0012829279	AIRFR 9.26SPSOPENG	EUR											
Warrant	NL0012477517	AIRFR 9.98SPSOPENG	EUR	0,6500	0,8000	0,6500			0,8000					
Warrant	NL0012474548	AIRFR10.74SPSOPENG	EUR	1,4200	1,5700	1,3900	3220,0000	1	1,5700	2300				
Warrant	NL0012473078	AIRFR11.56SPSOPENG	EUR	2,2400	2,3900	2,2400	237,0000	1	2,3900	100				
Warrant	NL0012472393	AIRFR12.45SPSOPENG	EUR	3,1200	3,2700	3,1200			3,2700					
Warrant	NL0012469423	AIRFR13.39SPSOPENG	EUR	4,0600	4,2100	4,0600			4,2100					
Warrant	NL0009879162	AKZO 7SPLOPENG	EUR	69,6300	69,6300	68,7700			68,7700					
Warrant	NL0011624648	AKZO 44SPLOPENG	EUR	35,1600	35,1600	34,3000			34,3000					
Warrant	NL0010085577	AKZO 23.4SPLOPENG	EUR	54,3500	54,3500	53,4900			53,4900					
Warrant	NL0010216354	AKZO 30.5SPLOPENG	EUR	47,7800	47,7800	46,9200			46,9200					
Warrant	NL0010528501	AKZO 33.6SPLOPENG	EUR	44,8500	44,8500	43,9900			43,9900					
Warrant	NL0010939047	AKZO 40.4SPLOPENG	EUR	38,4900	38,4900	37,6300			37,6300					
Warrant	NL0011620729	AKZO 43.7SPLOPENG	EUR	32,6100	32,6100	31,7500			31,7500					
Warrant	NL0011854823	AKZO 47.8SPLOPENG	EUR	31,6900	31,6900	30,8300			30,8300					
Warrant	NL0012067979	AKZO 60.5SPLOPENG	EUR	19,8300	19,8300	18,9700			18,9700					
Warrant	NL0012467773	AKZO 69.6SPLOPENG	EUR	11,3900	11,3900	10,5300			10,5300					
Warrant	NL0012825202	AKZO 74.8SPLOPENG	EUR											
Warrant	NL0012476709	AKZO 83.5SPSOPENG	EUR	14,2800	15,1600	14,2800			15,1600					
Warrant	NL0010939609	AKZO 41.13SPLOPENG	EUR	35,1700	35,1700	34,3100			34,3100					
Warrant	NL0011845540	AKZO 46.33SPLOPENG	EUR	29,9800	29,9800	29,1200			29,1200					
Warrant	NL0011850417	AKZO 49.08SPLOPENG	EUR	27,2000	27,2000	26,3400			26,3400					



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	NL0012064067	AKZO 51.96SPLOPENG	EUR	24,3200	24,3200	23,4600			23,4600					
Warrant	NL0012067367	AKZO 54.98SPLOPENG	EUR	21,3000	21,3000	20,4400			20,4400					
Warrant	NL0012069538	AKZO 58.15SPLOPENG	EUR	18,1200	18,1200	17,2600			17,2600					
Warrant	NL0012071047	AKZO 62.57SPLOPENG	EUR	13,7000	13,7000	12,8400			12,8400					
Warrant	NL0012077549	AKZO 66.06SPLOPENG	EUR	10,2400	10,2400	9,3800			9,3800					
Warrant	NL0012078307	AKZO 69.72SPLOPENG	EUR	6,5900	6,5900	5,7300			5,7300					
Warrant	NL0012824726	AKZO 73.55SPLOPENG	EUR											
Warrant	NL0012825731	AKZO 77.19SPLOPENG	EUR											
Warrant	NL0012068837	AKZO 82.57SPLOPENG	EUR											
Warrant	NL0012829055	AKZO 87.73SPLOPENG	EUR	11,8900	12,7700	11,8900			12,7700					
Warrant	NL0010740171	ALPHA 472SPLOPENG	EUR	54,7200	54,7200	54,7200			54,7200					
Warrant	NL0010693289	ALPHA 508SPLOPENG	EUR	51,8100	51,8100	51,8100			51,8100					
Warrant	NL0010693305	ALPHA 543SPLOPENG	EUR	48,9300	48,9300	48,9300			48,9300					
Warrant	NL0011301734	ALPHA 581SPLOPENG	EUR	45,8200	45,8200	45,8200			45,8200					
Warrant	NL0011474739	ALPHA 665SPLOPENG	EUR	38,9700	38,9700	38,9700			38,9700					
Warrant	NL0010739884	ALPHA484.25PLOPENG	EUR	51,0900	51,0900	51,0900			51,0900					
Warrant	NL0010693339	ALPHA509.85PLOPENG	EUR	48,8400	48,8400	48,8400			48,8400					
Warrant	NL0011019039	ALPHA562.25PLOPENG	EUR	44,2400	44,2400	44,2400			44,2400					
Warrant	NL0011303540	ALPHA590.35PLOPENG	EUR	41,7700	41,7700	41,7700			41,7700					
Warrant	NL0011477195	ALPHA650.95PLOPENG	EUR	36,4500	36,4500	36,4500			36,4500					
Warrant	NL0011633052	ALPHA696.45PLOPENG	EUR											
Warrant	NL0011845565	ALPHA717.65PLOPENG	EUR	30,5900	30,5900	30,5900			30,5900					
Warrant	NL0011850094	ALPHA753.55PLOPENG	EUR	27,4300	27,4300	27,4300			27,4300					
Warrant	DE000C3N9N7	ALPHC 1200C 0319Z	EUR	0,2250	0,2250	0,2250			0,2250					
Warrant	DE000C3N9M9	ALPHC 1200C 1218Z	EUR	0,0470	0,0470	0,0470			0,0470					
Warrant	DE000C3N9P2	ALPHC 1250C 0319Z	EUR	0,1350	0,1350	0,1350			0,1350					
Warrant	DE000CV8AU56	ALPHC 1300C 1218Z	EUR	0,0150	0,0150	0,0150			0,0150					
Warrant	DE000CV8AU74	ALPHC 1400C 0319Z	EUR	0,0290	0,0290	0,0290			0,0290					
Warrant	DE000CV8ASP3	ALPHC 1400C 1218Z	EUR	0,0150	0,0150	0,0150			0,0150					
Warrant	NL0012466379	ALTIA 1.35PLOPENG	EUR	4,0100	4,1900	4,0100			4,1900					
Warrant	NL0012820450	ALTIA 2.35PLOPENG	EUR											
Warrant	NL0012828206	ALTIA 2.55PLOPENG	EUR											
Warrant	NL0012466700	ALTIA 1.06SPLOPENG	EUR	5,4400	5,6200	5,4400			5,6200					
Warrant	NL0012466486	ALTIA 1.21SPLOPENG	EUR	4,4300	4,6100	4,4300			4,6100					
Warrant	NL0012467211	ALTIA 1.31SPLOPENG	EUR	4,3600	4,5400	4,3600			4,5400					
Warrant	NL0012820369	ALTIA 1.725SPLOPENG	EUR	0,5200	0,5500	0,5200			0,5500					
Warrant	NL0012820419	ALTIA 1.735SPLOPENG	EUR	0,5500	0,5900	0,5500			0,5900					
Warrant	NL0012820377	ALTIA 1.875SPLOPENG	EUR	0,3700	0,4000	0,3700			0,4000					
Warrant	NL0012820401	ALTIA 1.995SPLOPENG	EUR	0,3200	0,3500	0,3200			0,3500					
Warrant	NL0012820476	ALTIA 2.025SPLOPENG	EUR											
Warrant	NL0012831234	ALTIA 2.125SPLOPENG	EUR											
Warrant	NL0012820393	ALTIA 2.135SPLOPENG	EUR											
Warrant	NL0012820468	ALTIA 2.165SPLOPENG	EUR											
Warrant	NL0012831275	ALTIA 2.195SPLOPENG	EUR											
Warrant	NL0012827257	ALTIA 2.285SPLOPENG	EUR											
Warrant	NL0012832760	ALTIA 2.285SPLOPENG	EUR											
Warrant	NL0012831606	ALTIA 2.285SPLOPENG	EUR											
Warrant	NL0012828164	ALTIA 2.325SPLOPENG	EUR											
Warrant	NL0012826416	ALTIA 2.325SPLOPENG	EUR											
Warrant	NL0012831390	ALTIA 2.365SPLOPENG	EUR											
Warrant	NL0012820385	ALTIA 2.445SPLOPENG	EUR											
Warrant	NL0012827992	ALTIA 2.465SPLOPENG	EUR											
Warrant	NL0012820443	ALTIA 2.485SPLOPENG	EUR											
Warrant	NL0012828248	ALTIA 2.625SPLOPENG	EUR											
Warrant	NL0012820666	ALTIA 2.625SPLOPENG	EUR											
Warrant	NL0012829824	ALTIA 2.625SPLOPENG	EUR	0,6900	0,6900	0,6500			0,6500					
Warrant	NL0012820435	ALTIA 2.655SPLOPENG	EUR											
Warrant	NL0012827448	ALTIA 3.095SPLOPENG	EUR	1,1600	1,1600	1,1200			1,1200					
Warrant	NL0012831614	ALTIA 3.115SPLOPENG	EUR	1,4000	1,4000	1,3600			1,3600					
Warrant	NL0012824254	ALTIA 3.645SPLOPENG	EUR	1,7100	1,7100	1,6700			1,6700					
Warrant	NL0012821078	ALTIA 3.675SPLOPENG	EUR	2,0100	2,0100	1,9700			1,9700					
Warrant	NL0012823108	ALTIA 4.215SPLOPENG	EUR	2,6200	2,6200	2,5800			2,5800					
Warrant	NL0010532727	AMAZO 2675PLOPENG	EUR	124,7500	124,7500	124,7500			124,7500					
Warrant	NL0010528014	AMAZO 2875PLOPENG	EUR	123,1500	123,1500	123,1500			123,1500					
Warrant	NL0010528006	AMAZO 3095PLOPENG	EUR	121,3500	121,3500	121,3500			121,3500					
Warrant	NL0011631486	AMAZO 6505PLOPENG	EUR	93,5200	93,5200	93,5200			93,5200					
Warrant	NL0011632245	AMAZO 6955PLOPENG	EUR	89,8000	89,8000	89,8000			89,8000					
Warrant	NL0011848726	AMAZO 7445PLOPENG	EUR	85,8300	85,8300	85,8300			85,8300					
Warrant	DE000CV506Q4	AMAZO 1400C 0319Z	EUR	14,4500	14,4500	14,4500			14,4500					
Warrant	DE000CV506N1	AMAZO 1450C 0619Z	EUR	15,0500	15,0800	14,5100	708,3700	2	14,5100	47				
Warrant	DE000CV506R2	AMAZO 1550C 0319Z	EUR	9,7800	9,7800	9,7800			9,7800					
Warrant	DE000CV506P6	AMAZO 1550C 0619Z	EUR	11,6900	11,6900	11,6900			11,6900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	DE000CV8AJV0	AMAZO 1800C 1218Z	EUR	0,3450	0,3450	0,3450			0,3450					
Warrant	DE000C3N9Q0	AMAZO 1900C 0319Z	EUR	0,5850	0,5850	0,5850			0,5850					
Warrant	DE000CV8AJW8	AMAZO 2000C 1218Z	EUR	0,0680	0,0680	0,0680			0,0680					
Warrant	DE000CV8AJX6	AMAZO 2050C 0319Z	EUR	0,3050	0,3050	0,3050			0,3050					
Warrant	DE000CV8B672	AMAZO 2200C 1218Z	EUR	0,0280	0,0280	0,0280			0,0280					
Warrant	DE000CV89572	AMG 45C 1218Z	EUR	0,4900	0,4900	0,4900			0,4900					
Warrant	DE000CV89580	AMG 50C 1218Z	EUR	0,2050	0,2050	0,2050			0,2050					
Warrant	NL0012830939	AMG 33.25PLOPENG	EUR	14,4900	14,4900	13,4100	13670,0000	1	13,4100	1000				
Warrant	NL0012832778	AMG 35.75PLOPENG	EUR	12,1700	12,1700	11,0900	562,0000	1	11,0900	50				
Warrant	NL0012830921	AMG 35.95PLOPENG	EUR											
Warrant	NL0012833016	AMG 38.45PLOPENG	EUR											
Warrant	NL0012830947	AMG 44.35PLOPENG	EUR											
Warrant	NL0009107564	AMX 239SPLOPENG	EUR	53,3200	53,3200	52,6500			52,6500					
Warrant	NL0009111566	AMX 281SPLOPENG	EUR	49,4200	49,4200	48,7500			48,7500					
Warrant	NL0009112648	AMX 322SPLOPENG	EUR	45,4400	45,4400	44,7800			44,7800					
Warrant	NL0009905470	AMX 392SPLOPENG	EUR	38,8100	38,8100	38,1400			38,1400					
Warrant	NL0010204996	AMX 443SPLOPENG	EUR	33,9900	33,9900	33,3300			33,3300					
Warrant	NL0010362885	AMX 470SPLOPENG	EUR	31,4400	31,4400	30,7800			30,7800					
Warrant	NL0010829644	AMX 497SPLOPENG	EUR	28,8800	28,8800	28,2100			28,2100					
Warrant	NL0010830840	AMX 525SPLOPENG	EUR	26,1900	26,1900	25,5300			25,5300					
Warrant	NL0011848080	AMX 583SPLOPENG	EUR	20,6400	20,6400	19,9700			19,9700					
Warrant	NL0011861836	AMX 614SPLOPENG	EUR	17,6800	17,6800	17,0200			17,0200					
Warrant	NL0012063564	AMX 647SPLOPENG	EUR	14,5800	14,5800	13,9100			13,9100					
Warrant	NL0012065833	AMX 681SPLOPENG	EUR	11,3200	11,3200	10,6500			10,6500					
Warrant	NL0012070684	AMX 716SPLOPENG	EUR											
Warrant	NL0012820336	AMX 752SPLOPENG	EUR											
Warrant	NL0012074827	AMX 836SPSOPENG	EUR	12,0700	12,7300	12,0700			12,7300					
Warrant	NL0012470405	AMX 878SPSOPENG	EUR	16,5400	17,2000	16,5400			17,2000					
Warrant	DE000CV896V9	APPLE 180C 1218Z	EUR	1,2350	1,2350	1,2350			1,2350					
Warrant	DE000CV896W7	APPLE 200C 1218Z	EUR	0,5550	0,5550	0,5550			0,5550					
Warrant	DE000CV8AJY4	APPLE 220C 1218Z	EUR	0,1550	0,1550	0,1550			0,1550					
Warrant	DE000C3N9R8	APPLE 230C 0319Z	EUR	0,2550	0,2550	0,2550			0,2550					
Warrant	DE000C3PJN2	APPLE 240C 0619Z	EUR	0,3250	0,3250	0,3250			0,3250					
Warrant	DE000CV8B185	APPLE 240C 1218Z	EUR	0,0330	0,0330	0,0330			0,0330					
Warrant	DE000CV8B193	APPLE 250C 0319Z	EUR	0,1050	0,1050	0,1050			0,1050					
Warrant	NL0009233741	APPLE 18.55PLOPENG	EUR	116,3000	116,3000	116,3000			116,3000					
Warrant	NL0009239797	APPLE 21.65PLOPENG	EUR	114,5000	114,5000	114,5000			114,5000					
Warrant	NL0009365949	APPLE 25.35PLOPENG	EUR	112,4000	112,4000	112,4000			112,4000					
Warrant	NL0009370949	APPLE 29.35PLOPENG	EUR	110,1000	110,1000	110,1000			110,1000					
Warrant	NL0009373935	APPLE 38.55PLOPENG	EUR	104,8500	104,8500	104,8500			104,8500					
Warrant	NL0009760503	APPLE 42.65PLOPENG	EUR	102,5500	102,5500	102,5500			102,5500					
Warrant	NL0009881911	APPLE 48.15PLOPENG	EUR	99,3700	99,3700	99,3700			99,3700					
Warrant	NL0010530234	APPLE 61.55PLOPENG	EUR	91,7000	91,7000	91,7000			91,7000					
Warrant	NL0010540159	APPLE 66.65PLOPENG	EUR	88,8300	88,8300	88,8300			88,8300					
Warrant	NL0010677696	APPLE 70.45PLOPENG	EUR	86,6200	86,6200	86,6200			86,6200					
Warrant	NL0010739736	APPLE 78.65PLOPENG	EUR	81,9200	81,9200	81,9200			81,9200					
Warrant	NL0010740148	APPLE 83.15PLOPENG	EUR	79,3900	79,3900	79,3900			79,3900					
Warrant	NL0011850854	APPLE102.35PLOPENG	EUR	97,8100	97,8100	97,8100			97,8100					
Warrant	NL0011854252	APPLE106.45PLOPENG	EUR	88,0500	88,0500	88,0500			88,0500					
Warrant	NL0010359477	APPLE49.38SPLOPENG	EUR	96,5000	96,5000	96,5000			96,5000					
Warrant	NL0010528774	APPLE59.03SPLOPENG	EUR	90,7200	90,7200	90,7200			90,7200					
Warrant	NL0010540225	APPLE65.69SPLOPENG	EUR	86,6200	86,6200	86,6200			86,6200					
Warrant	NL0010739819	APPLE77.56SPLOPENG	EUR	79,3300	79,3300	79,3300			79,3300					
Warrant	NL0010744124	APPLE86.43SPLOPENG	EUR	73,7300	73,7300	73,7300			73,7300					
Warrant	NL0010751053	APPLE91.21SPLOPENG	EUR	101,2500	101,2500	101,2500			101,2500					
Warrant	NL0009879204	APRAM 4.35PLOPENG	EUR	28,3900	28,3900	27,6400			27,6400					
Warrant	NL0010536900	APRAM 8.35PLOPENG	EUR	24,6800	24,6800	23,9300			23,9300					
Warrant	NL0010678835	APRAM 12.25PLOPENG	EUR	21,2100	21,2100	20,4600			20,4600					
Warrant	NL0010683884	APRAM 13.35PLOPENG	EUR	20,1800	20,1800	19,4300			19,4300					
Warrant	NL0010939799	APRAM 18.65PLOPENG	EUR	15,3200	15,3200	14,5700			14,5700					
Warrant	NL0011374434	APRAM 21.95PLOPENG	EUR	12,3400	12,3400	11,5900			11,5900					
Warrant	NL0011619762	APRAM 23.75PLOPENG	EUR	10,6900	10,6900	9,9400			9,9400					
Warrant	NL0011848676	APRAM 29.85PLOPENG	EUR											
Warrant	NL0011855366	APRAM 34.55PLOPENG	EUR											
Warrant	NL0012831986	APRAM 36.95PLOPENG	EUR											
Warrant	NL0012826010	APRAM 36.95PLOPENG	EUR											
Warrant	NL0012475693	APRAM 46.25PSOPENG	EUR	14,3800	15,0600	14,3800			15,0600					
Warrant	NL0010824942	APRAM15.15SPLOPENG	EUR	17,2600	17,2600	16,5100			16,5100					
Warrant	NL0010939385	APRAM18.18SPLOPENG	EUR	14,2400	14,2400	13,4900	1375,0000	1	13,4900	100				
Warrant	NL0011373766	APRAM20.41SPLOPENG	EUR	11,9900	11,9900	11,2400			11,2400					
Warrant	NL0011374756	APRAM22.89SPLOPENG	EUR	9,5200	9,5200	8,7700			8,7700					
Warrant	NL0011620059	APRAM24.22SPLOPENG	EUR	8,1800	8,1800	7,4300	3140,0000	1	7,4300	400				



Instrument Type	Exchange Instrument ID	Instrument 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	NL0011845250	APRAM27.02SPLOPENG	EUR	5,3900	5,3900	4,6400	10100,0000	3	4,6400	2000				
Warrant	NL0011848007	APRAM28.51SPLOPENG	EUR											
Warrant	NL0011849716	APRAM31.74SPLOPENG	EUR											
Warrant	NL0011850110	APRAM33.48SPLOPENG	EUR											
Warrant	NL0012823330	APRAM35.19SPLOPENG	EUR											
Warrant	NL0012825046	APRAM36.91SPLOPENG	EUR											
Warrant	NL0012830129	APRAM36.94SPLOPENG	EUR											
Warrant	NL0012826390	APRAM38.75SPLOPENG	EUR											
Warrant	NL0012828149	APRAM38.76SPLOPENG	EUR											
Warrant	NL0012830764	APRAM38.79SPLOPENG	EUR											
Warrant	NL0012823348	APRAM40.54SPSOPENG	EUR											
Warrant	NL0012479976	APRAM42.89SPSOPENG	EUR	11,0800	11,7600	11,0800			11,7600					
Warrant	NL0012066591	APRAM49.78SPSOPENG	EUR	17,9500	18,6300	17,9500			18,6300					
Warrant	NL0012065791	APRAM53.88SPSOPENG	EUR	22,0700	22,7500	22,0700			22,7500					
Warrant	NL0011616057	ARCAD 21SPSOPENG	EUR	11,5100	11,5400	11,5100			11,5400					
Warrant	NL0011616719	ARCAD 8.9SPLOPENG	EUR	4,0400	4,0400	4,0300			4,0300					
Warrant	NL0011859491	ARCAD 9.6SPLOPENG	EUR	3,4200	3,4200	3,4100			3,4100					
Warrant	NL0012067177	ARCAD 11.1SPLOPENG	EUR											
Warrant	NL0012068175	ARCAD 11.9SPLOPENG	EUR											
Warrant	NL0012069009	ARCAD 12.8SPLOPENG	EUR											
Warrant	NL0012073019	ARCAD 13.8SPLOPENG	EUR											
Warrant	NL0012826028	ARCAD 14.7SPLOPENG	EUR											
Warrant	NL0012828008	ARCAD 17.4SPSOPENG	EUR	7,4700	7,5000	7,4700			7,5000					
Warrant	NL0011479399	ARCAD 23.3SPSOPENG	EUR	13,9700	14,0000	13,9700			14,0000					
Warrant	NL0011625520	ARCM1 18SPLOPENG	EUR	6,9100	6,9100	6,0400			6,0400					
Warrant	NL0012466239	ARCM1 23SPLOPENG	EUR											
Warrant	DE000CV89648	ARCM1 24C 1218Z	EUR	0,5600	0,5600	0,5600			0,5600					
Warrant	DE000CV88037	ARCM1 25C 0319Z	EUR	0,1850	0,1850	0,1850			0,1850					
Warrant	DE000CV89655	ARCM1 27C 1218Z	EUR	0,1150	0,1150	0,1150			0,1150					
Warrant	DE000CV8AME0	ARCM1 30C 0319Z	EUR	0,0400	0,0400	0,0400			0,0400					
Warrant	DE000CV89663	ARCM1 30C 1218Z	EUR	0,0220	0,0220	0,0220			0,0220					
Warrant	NL0012071302	ARCM1 6.9SPLOPENG	EUR											
Warrant	NL0012066211	ARCM1 8.4SPLOPENG	EUR											
Warrant	NL0011620356	ARCM1 15.5SPLOPENG	EUR	8,0200	8,0200	7,1500			7,1500					
Warrant	NL0011620075	ARCM1 16.1SPLOPENG	EUR	8,6800	8,6800	7,8100			7,8100					
Warrant	NL0011491105	ARCM1 16.2SPLOPENG	EUR	8,5500	8,5500	7,7000	427,5000	1	7,7000	50				
Warrant	NL0011618830	ARCM1 16.5SPLOPENG	EUR	8,3200	8,3200	7,4500			7,4500					
Warrant	NL0011620299	ARCM1 16.8SPLOPENG	EUR	8,0600	8,0600	7,1900			7,1900					
Warrant	NL0011622873	ARCM1 17.1SPLOPENG	EUR	7,7700	7,7700	6,9000			6,9000					
Warrant	NL0011623483	ARCM1 17.6SPLOPENG	EUR	7,2600	7,2600	6,3800			6,3800					
Warrant	NL0012075402	ARCM1 18.9SPLOPENG	EUR	6,0800	6,0800	5,2000			5,2000					
Warrant	NL0012076202	ARCM1 19.9SPLOPENG	EUR	5,2000	5,2000	4,3200			4,3200					
Warrant	NL0012075170	ARCM1 20.2SPLOPENG	EUR	3,3100	3,3100	2,4300			2,4300					
Warrant	NL0012834279	ARCM1 20.8SPLOPENG	EUR	2,6600	2,8100	1,7900	30672,0000	9	1,7900	11300				
Warrant	NL0012076194	ARCM1 20.9SPLOPENG	EUR											
Warrant	NL0012076095	ARCM1 21.2SPLOPENG	EUR											
Warrant	NL0012462659	ARCM1 21.9SPLOPENG	EUR											
Warrant	NL0012463103	ARCM1 22.9SPLOPENG	EUR											
Warrant	NL0012833701	ARCM1 23.4SPSOPENG	EUR	2,8700	2,8700	2,8700			2,8700					
Warrant	NL0012822951	ARCM1 24.1SPLOPENG	EUR											
Warrant	NL0012829311	ARCM1 24.2SPLOPENG	EUR											
Warrant	NL0012832240	ARCM1 25.2SPSOPENG	EUR											
Warrant	NL0012825418	ARCM1 25.3SPLOPENG	EUR											
Warrant	NL0012831093	ARCM1 25.4SPLOPENG	EUR											
Warrant	NL0012827604	ARCM1 25.4SPLOPENG	EUR											
Warrant	NL0012825566	ARCM1 25.7SPLOPENG	EUR											
Warrant	NL0012825426	ARCM1 29.1SPSOPENG	EUR	9,2100	10,0800	9,2100			10,0800					
Warrant	NL0012469597	ARCM1 31.3SPSOPENG	EUR	11,6500	12,5200	11,6500			12,5200					
Warrant	NL0011618707	ARCM114.82SPLOPENG	EUR	8,6500	8,6500	7,7800			7,7800					
Warrant	NL0011491048	ARCM114.95SPLOPENG	EUR	8,5300	8,5300	7,6600	42500,0000	1	7,6600	5000				
Warrant	NL0011484738	ARCM115.08SPLOPENG	EUR	8,3900	8,3900	7,5100			7,5100					
Warrant	NL0011618699	ARCM115.21SPLOPENG	EUR	8,2800	8,2800	7,4000			7,4000					
Warrant	NL0011619952	ARCM115.35SPLOPENG	EUR	8,1700	8,1700	7,2900			7,2900					
Warrant	NL0011620745	ARCM115.65SPLOPENG	EUR	7,8500	7,8500	6,9700			6,9700					
Warrant	NL0011623038	ARCM115.81SPLOPENG	EUR	7,7300	7,7300	6,8500			6,8500					
Warrant	NL0011623178	ARCM115.98SPLOPENG	EUR	7,5600	7,5600	6,6800			6,6800					
Warrant	NL0011623160	ARCM116.15SPLOPENG	EUR	7,3800	7,3800	6,5100			6,5100					
Warrant	NL0011624895	ARCM116.29SPLOPENG	EUR	7,6200	7,6200	6,7400			6,7400					
Warrant	NL0011623640	ARCM116.34SPLOPENG	EUR	7,1800	7,1800	6,3100			6,3100					
Warrant	NL0011625546	ARCM117.05SPLOPENG	EUR	6,4800	6,4800	5,6100			5,6100					
Warrant	NL0011626627	ARCM117.23SPLOPENG	EUR	6,3100	6,3100	5,4300			5,4300					
Warrant	NL0011626619	ARCM117.41SPLOPENG	EUR	6,1000	6,1000	5,2300			5,2300					



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	NL0011845169	ARCM117.61SPLOPENG	EUR	5,9300	5,9300	5,0500			5,0500					
Warrant	NL0011847553	ARCM117.81SPLOPENG	EUR	5,7200	5,7200	4,8500			4,8500					
Warrant	NL0011847546	ARCM118.03SPLOPENG	EUR	5,4500	5,4500	4,5800			4,5800					
Warrant	NL0012074678	ARCM118.93SPLOPENG	EUR	4,5500	4,5500	3,6800			3,6800					
Warrant	NL0012074926	ARCM119.23SPLOPENG	EUR	4,2400	4,2400	3,3600	2946,6500	3	3,3600	755				
Warrant	NL0012462741	ARCM122.27SPLOPENG	EUR											
Warrant	NL0012833800	ARCM123.43SPSOPENG	EUR	0,5000	0,5000	0,5000			0,5000					
Warrant	NL0012466346	ARCM123.59SPLOPENG	EUR											
Warrant	NL0012823249	ARCM124.25SPLOPENG	EUR											
Warrant	NL0012829766	ARCM124.28SPLOPENG	EUR											
Warrant	NL0012832802	ARCM124.29SPLOPENG	EUR											
Warrant	NL0012825335	ARCM124.95SPLOPENG	EUR											
Warrant	NL0012827711	ARCM124.97SPLOPENG	EUR											
Warrant	NL0012830046	ARCM125.01SPLOPENG	EUR											
Warrant	NL0012833818	ARCM125.19SPSOPENG	EUR	2,2600	3,1300	2,2600			3,1300					
Warrant	NL0012828396	ARCM125.72SPLOPENG	EUR											
Warrant	NL0012830038	ARCM125.76SPLOPENG	EUR											
Warrant	NL0012825749	ARCM126.46SPLOPENG	EUR											
Warrant	NL0012831358	ARCM126.53SPLOPENG	EUR											
Warrant	NL0012830475	ARCM126.53SPLOPENG	EUR											
Warrant	NL0012831788	ARCM127.09SPSOPENG	EUR	4,1600	5,0300	4,1600			5,0300					
Warrant	NL0012829063	ARCM127.17SPSOPENG	EUR											
Warrant	NL0012826291	ARCM127.25SPLOPENG	EUR											
Warrant	NL0012830715	ARCM127.31SPLOPENG	EUR											
Warrant	NL0012830806	ARCM127.32SPLOPENG	EUR											
Warrant	NL0012826879	ARCM129.13SPSOPENG	EUR	6,2000	7,0700	6,2000			7,0700					
Warrant	NL0011618715	ARCM13.446SPSOPENG	EUR											
Warrant	NL0012468250	ARCM131.33SPSOPENG	EUR	8,4000	9,2700	8,4000			9,2700					
Warrant	NL0012468425	ARCM133.53SPSOPENG	EUR	10,6000	11,4700	10,6000			11,4700					
Warrant	NL0012469340	ARCM135.88SPSOPENG	EUR	12,9500	13,8200	12,9500			13,8200					
Warrant	NL0011853544	ARCM15.254SPLOPENG	EUR											
Warrant	NL0011859665	ARCM16.407SPLOPENG	EUR											
Warrant	NL0011858295	ASMI 32SPLOPENG	EUR	13,8400	13,8400	11,6200			11,6200					
Warrant	NL0009235878	ASMI 2.5SPLOPENG	EUR	41,2600	41,2600	39,0400			39,0400					
Warrant	NL0009902311	ASMI 7.1SPLOPENG	EUR	37,0400	37,0400	34,8200			34,8200					
Warrant	NL0009904812	ASMI 9.2SPLOPENG	EUR	35,0600	35,0600	32,8400			32,8400					
Warrant	NL0009905686	ASMI 11.5SPLOPENG	EUR	32,8900	32,8900	30,6700			30,6700					
Warrant	NL0010363289	ASMI 13.3SPLOPENG	EUR	31,2300	31,2300	29,0100			29,0100					
Warrant	NL0010526133	ASMI 15.2SPLOPENG	EUR	29,5100	29,5100	27,2900			27,2900					
Warrant	NL0010599460	ASMI 17.2SPLOPENG	EUR	27,5600	27,5600	25,3400			25,3400					
Warrant	NL0010939054	ASMI 19.5SPLOPENG	EUR	25,4900	25,4900	23,2700			23,2700					
Warrant	NL0011373154	ASMI 21.3SPLOPENG	EUR	23,7800	23,7800	21,5600			21,5600					
Warrant	NL0011475249	ASMI 23.3SPLOPENG	EUR	21,9500	21,9500	19,7300			19,7300					
Warrant	NL0011476593	ASMI 25.4SPLOPENG	EUR	20,0200	20,0200	17,8000			17,8000					
Warrant	NL0011853064	ASMI 27.2SPLOPENG	EUR	18,3200	18,3200	16,1000			16,1000					
Warrant	NL0011855317	ASMI 29.5SPLOPENG	EUR	16,1500	16,1500	13,9300			13,9300					
Warrant	NL0012063143	ASMI 34.6SPLOPENG	EUR											
Warrant	NL0012064265	ASMI 37.5SPLOPENG	EUR											
Warrant	NL0012829329	ASMI 40.1SPLOPENG	EUR											
Warrant	NL0012824056	ASMI 40.3SPLOPENG	EUR											
Warrant	NL0012831101	ASMI 42.9SPLOPENG	EUR											
Warrant	NL0012826507	ASMI 43.2SPLOPENG	EUR											
Warrant	NL0012063150	ASMI 49.7SPSOPENG	EUR											
Warrant	NL0012465793	ASMI 59.6SPSOPENG	EUR	21,1500	23,3400	21,1500			23,3400					
Warrant	NL0009230580	ASMLH 16SPLOPENG	EUR	141,0500	141,0500	138,5000			138,5000					
Warrant	NL0012833008	ASMLH 149SPLOPENG	EUR											
Warrant	DE000C3N9A4	ASMLH 150C 0319Z	EUR	0,6650	0,6650	0,6650			0,6650					
Warrant	DE000C3PJU7	ASMLH 160C 0619Z	EUR	0,5550	0,5550	0,5550			0,5550					
Warrant	DE000CV895A5	ASMLH 160C 1218Z	EUR	0,8900	0,8900	0,8900			0,8900					
Warrant	DE000C3N9B2	ASMLH 165C 0319Z	EUR	0,3350	0,3350	0,3350			0,3350					
Warrant	DE000CV895B3	ASMLH 176C 1218Z	EUR	0,2100	0,2100	0,2100			0,2100					
Warrant	DE000CV8AZD4	ASMLH 180C 0319Z	EUR	0,1550	0,1550	0,1550			0,1550					
Warrant	DE000CV8AMF7	ASMLH 196C 1218Z	EUR	0,0120	0,0120	0,0120			0,0120					
Warrant	DE000CV8AMG5	ASMLH 200C 0319Z	EUR	0,0540	0,0540	0,0540			0,0540					
Warrant	NL0006408007	ASMLH 6.6SPLOPENG	EUR	149,7000	149,7000	147,1500			147,1500					
Warrant	NL0012076400	ASMLH 122.SPLOPENG	EUR	34,6300	36,3700	32,0500	10478,8000	3	32,0500	290				
Warrant	NL0012830053	ASMLH 156.SPLOPENG	EUR											
Warrant	NL0009370576	ASMLH 17.7SPLOPENG	EUR	139,4500	139,4500	136,8500			136,8500					
Warrant	NL0009904010	ASMLH 28.4SPLOPENG	EUR	129,5000	129,5000	126,9500			126,9500					
Warrant	NL0010090247	ASMLH 34.6SPLOPENG	EUR	123,7500	123,7500	121,1500			121,1500					
Warrant	NL0010102778	ASMLH 36.6SPLOPENG	EUR	121,9000	121,9000	119,3500			119,3500					
Warrant	NL0010213716	ASMLH 42.5SPLOPENG	EUR	116,4000	116,4000	113,8000			113,8000					



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
Warrant	NL0010344941	ASMLH 45.95PLOPENG	EUR	113,2500	113,2500	110,6500			110,6500					
Warrant	NL0010345310	ASMLH 49.65PLOPENG	EUR	109,8500	109,8500	107,2500			107,2500					
Warrant	NL0010359865	ASMLH 53.55PLOPENG	EUR	106,2000	106,2000	103,6000			103,6000					
Warrant	NL0010694998	ASMLH 56.45PLOPENG	EUR	103,4500	103,4500	100,8500			100,8500					
Warrant	NL0010744454	ASMLH 59.55PLOPENG	EUR	100,6000	100,6000	98,0200			98,0200					
Warrant	NL0010757555	ASMLH 62.75PLOPENG	EUR	97,6100	97,6100	95,0300			95,0300					
Warrant	NL0010757548	ASMLH 66.15PLOPENG	EUR	94,4600	94,4600	91,8800			91,8800					
Warrant	NL0010830048	ASMLH 69.65PLOPENG	EUR	91,1700	91,1700	88,5900			88,5900					
Warrant	NL0011621479	ASMLH 77.25PLOPENG	EUR	84,1400	85,5200	81,3600	5006,4000	2	81,5600	60				
Warrant	NL0011844709	ASMLH 81.25PLOPENG	EUR	80,4100	80,4100	77,8300			77,8300					
Warrant	NL0011848320	ASMLH 85.45PLOPENG	EUR	76,5000	76,5000	73,9200			73,9200					
Warrant	NL0011859350	ASMLH 89.85PLOPENG	EUR	72,4000	72,4000	69,8200			69,8200					
Warrant	NL0012064273	ASMLH104.45PLOPENG	EUR	58,8300	59,3000	56,2500	1654,2700	4	56,2500	28				
Warrant	NL0012063689	ASMLH105.15PLOPENG	EUR	51,1800	51,6000	48,6000	2064,0000	1	48,6000	40				
Warrant	NL0012068241	ASMLH109.85PLOPENG	EUR	53,8400	53,8400	51,2600			51,2600					
Warrant	NL0012064083	ASMLH110.55PLOPENG	EUR	46,0900	46,0900	43,5100			43,5100					
Warrant	NL0012075857	ASMLH116.15PLOPENG	EUR	40,5700	40,7900	37,9900	407,9000	1	37,9900	10				
Warrant	NL0012077325	ASMLH121.25PLOPENG	EUR	43,2100	43,2100	40,6300			40,6300					
Warrant	NL0012834188	ASMLH124.85PLOPENG	EUR	3,9800	3,9800	3,7200			3,7200					
Warrant	NL0012079727	ASMLH128.25PLOPENG	EUR	28,4500	28,4500	25,8700			25,8700					
Warrant	NL0012080808	ASMLH134.75PLOPENG	EUR	21,9000	22,2200	18,5200	16085,0000	6	19,3200	810				
Warrant	NL0012834170	ASMLH136.45PLOPENG	EUR	2,9000	2,9000	2,6700			2,6700					
Warrant	NL0012463327	ASMLH140.35PLOPENG	EUR											
Warrant	NL0012461883	ASMLH141.45PLOPENG	EUR											
Warrant	NL0012834287	ASMLH141.45PLOPENG	EUR	1,5500	1,7900	1,2900	5348,2500	7	1,3000	3525				
Warrant	NL0012832059	ASMLH141.45PLOPENG	EUR											
Warrant	NL0012832729	ASMLH144.65PLOPENG	EUR											
Warrant	NL0012474662	ASMLH147.45PLOPENG	EUR											
Warrant	NL0012473524	ASMLH148.55PLOPENG	EUR											
Warrant	NL0012832828	ASMLH148.55PLOPENG	EUR											
Warrant	NL0012480867	ASMLH151.65PLOPENG	EUR											
Warrant	NL0012829337	ASMLH151.85PLOPENG	EUR											
Warrant	NL0012832992	ASMLH153.45PLOPENG	EUR											
Warrant	NL0012476204	ASMLH154.75PLOPENG	EUR											
Warrant	NL0012818652	ASMLH154.95PLOPENG	EUR											
Warrant	NL0012833826	ASMLH155.45PSOPENG	EUR											
Warrant	NL0012832067	ASMLH155.65PSOPENG	EUR											
Warrant	NL0012832810	ASMLH155.95PLOPENG	EUR											
Warrant	NL0012831127	ASMLH156.45PLOPENG	EUR											
Warrant	NL0012832257	ASMLH156.45PSOPENG	EUR											
Warrant	NL0012818611	ASMLH159.15PLOPENG	EUR											
Warrant	NL0012831119	ASMLH161.15PLOPENG	EUR											
Warrant	NL0012819353	ASMLH162.45PLOPENG	EUR											
Warrant	NL0012832737	ASMLH166.15PSOPENG	EUR	2,4300	2,6800	2,4300			2,6800					
Warrant	NL0012824015	ASMLH167.15PLOPENG	EUR											
Warrant	NL0012829071	ASMLH167.15PSOPENG	EUR	1,3100	1,5800	1,2300	6440,0000	8	1,5500	4500				
Warrant	NL0012824460	ASMLH170.35PLOPENG	EUR											
Warrant	NL0012828222	ASMLH170.55PLOPENG	EUR											
Warrant	NL0012824742	ASMLH175.35PLOPENG	EUR											
Warrant	NL0012832265	ASMLH176.85PSOPENG	EUR	3,5800	3,8300	3,5800			3,8300					
Warrant	NL0012824940	ASMLH178.85PLOPENG	EUR											
Warrant	NL0012829089	ASMLH179.75PSOPENG	EUR	2,5600	2,7900	2,5600			2,7900					
Warrant	NL0012475669	ASMLH193.25PSOPENG	EUR	3,9200	4,1400	3,9200			4,1400					
Warrant	NL0012476725	ASMLH200.15PSOPENG	EUR	6,1100	6,3600	6,1100			6,3600					
Warrant	NL0012477863	ASMLH206.85PSOPENG	EUR	5,2800	5,5300	5,2800			5,5300					
Warrant	NL0012825343	ASMLH221.35PSOPENG	EUR	6,7300	6,9700	6,7300			6,9700					
Warrant	NL0010587879	ASMLH54.785PLOPENG	EUR	101,5000	101,5000	98,9000			98,9000					
Warrant	NL0010746038	ASMLH60.875PLOPENG	EUR	95,3900	95,3900	92,8100			92,8100					
Warrant	NL0010757704	ASMLH64.165PLOPENG	EUR	92,1300	92,1300	89,5500			89,5500					
Warrant	NL0010759478	ASMLH67.595PLOPENG	EUR	88,6300	88,6300	86,0500			86,0500					
Warrant	NL0011619960	ASMLH71.175PLOPENG	EUR	85,1100	85,1100	82,5300			82,5300					
Warrant	NL0011620752	ASMLH74.945PLOPENG	EUR	81,3400	81,3400	78,7600			78,7600					
Warrant	NL0011622642	ASMLH78.895PLOPENG	EUR	77,3900	77,3900	74,8100			74,8100					
Warrant	NL0011845177	ASMLH82.975PLOPENG	EUR	73,3100	73,3100	70,7300			70,7300					
Warrant	NL0011848965	ASMLH85.995PLOPENG	EUR	70,3100	70,3100	67,7300			67,7300					
Warrant	NL0011854591	ASMLH90.435PLOPENG	EUR	65,8600	65,8600	63,2800			63,2800					
Warrant	NL0011863022	ASMLH95.095PLOPENG	EUR	61,2400	61,2400	58,6600			58,6600					
Warrant	NL0012063028	ASMLH99.995PLOPENG	EUR	56,2800	56,2800	53,7000			53,7000					
Warrant	NL0012479380	ASRNL 295PLOPENG	EUR	12,0700	12,0700	11,9500			11,9500					
Warrant	NL0012823140	ASRNL 335PLOPENG	EUR	10,2800	10,2800	10,1600			10,1600					
Warrant	NL0012823694	ASRNL 28.65PLOPENG	EUR	14,3700	14,3700	14,2500			14,2500					
Warrant	NL0012479356	ASRNL 30.85PLOPENG	EUR	12,3300	12,3300	12,2100			12,2100					



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	NL0012826580	ASRNL 35.45PLOPENG	EUR	8,0800	8,0800	7,9600			7,9600					
Warrant	NL0012829584	ASRNL 37.85PLOPENG	EUR	5,7800	5,7800	5,6600			5,6600					
Warrant	NL0012479604	ASRNL 42.35PLOPENG	EUR											
Warrant	NL0012479372	ASRNL30.525PLOPENG	EUR	10,5600	10,5600	10,4400			10,4400					
Warrant	NL0012479489	ASRNL32.175PLOPENG	EUR	8,9100	8,9100	8,7900			8,7900					
Warrant	NL0012823389	ASRNL33.825PLOPENG	EUR	7,2500	7,2500	7,1300			7,1300					
Warrant	NL0012825061	ASRNL35.565PLOPENG	EUR	5,5200	5,5200	5,4000			5,4000					
Warrant	NL0012828412	ASRNL37.375PLOPENG	EUR	3,7000	3,7000	3,5800			3,5800					
Warrant	NL0012823397	ASRNL38.295PLOPENG	EUR											
Warrant	NL0012833222	ASRNL39.225PLOPENG	EUR											
Warrant	NL0012828701	ASRNL39.225PLOPENG	EUR											
Warrant	NL0012479398	ASRNL40.455PLOPENG	EUR											
Warrant	NL0012828719	ASRNL43.775PLOPENG	EUR	3,1700	3,2300	3,1700			3,2300					
Warrant	NL0010744041	ASTRA 2450SPLOPENG	EUR	39,9500	39,9500	39,9500			39,9500					
Warrant	NL0010818720	BABAK 55.95PLOPENG	EUR	86,0700	86,0700	86,0700			86,0700					
Warrant	NL0010818712	BABAK 61.55PLOPENG	EUR	81,6800	81,6800	81,6800			81,6800					
Warrant	NL0010953105	BAM 25PLOPENG	EUR	1,3100	1,3200	1,3100			1,3200					
Warrant	DE000CV89509	BAM 4C 1218Z	EUR	0,0260	0,0260	0,0260			0,0260					
Warrant	NL0010824660	BAM 1.25PLOPENG	EUR	2,0000	2,0000	2,0000			2,0000					
Warrant	NL0009885433	BAM 1.45PLOPENG	EUR	1,8900	1,9000	1,8900			1,9000					
Warrant	NL0010759189	BAM 1.55PLOPENG	EUR	1,7900	1,7900	1,7900			1,7900					
Warrant	NL0010830055	BAM 1.65PLOPENG	EUR	1,6900	1,6900	1,6900			1,6900					
Warrant	NL0010944419	BAM 1.75PLOPENG	EUR	1,5600	1,5600	1,5600			1,5600					
Warrant	NL0010944401	BAM 1.95PLOPENG	EUR	1,4400	1,4500	1,4400			1,4500					
Warrant	NL0011011044	BAM 2.25PLOPENG	EUR	1,1500	1,1500	1,1500			1,1500					
Warrant	NL0011018114	BAM 2.35PLOPENG	EUR	0,9900	0,9900	0,9900			0,9900					
Warrant	NL0011018882	BAM 2.55PLOPENG	EUR	0,8400	0,8800	0,8400	2170,0000	3	0,8400	2500				
Warrant	NL0011021530	BAM 2.75PLOPENG	EUR	0,6400	0,6400	0,6400			0,6400					
Warrant	NL0012832273	BAM 2.95PLOPENG	EUR											
Warrant	NL0011848338	BAM 3.15PLOPENG	EUR											
Warrant	NL0012825939	BAM 3.45PLOPENG	EUR											
Warrant	NL0012832281	BAM 3.45PLOPENG	EUR	0,8300	0,8300	0,8300			0,8300					
Warrant	DE000CV895C1	BAM 3.6C 1218Z	EUR	0,0530	0,0530	0,0530			0,0530					
Warrant	NL0012827919	BAM 3.65PLOPENG	EUR											
Warrant	NL0012822977	BAM 3.85PLOPENG	EUR											
Warrant	NL0012832299	BAM 3.85PLOPENG	EUR	1,2200	1,2200	1,2200			1,2200					
Warrant	NL0011373931	BAM 4.25PLOPENG	EUR											
Warrant	NL0012821433	BAM 4.25PLOPENG	EUR	1,6500	1,6500	1,6500			1,6500					
Warrant	NL0011619705	BAM 4.55PLOPENG	EUR											
Warrant	NL0012465074	BAM 4.65PLOPENG	EUR	2,1300	2,1300	2,1200			2,1200					
Warrant	NL0012462261	BAM 5.15PLOPENG	EUR	2,6500	2,6500	2,6400			2,6400					
Warrant	NL0011494000	BAM 5.65PLOPENG	EUR	3,2400	3,2400	3,2400			3,2400					
Warrant	NL0011847124	BAM 2.523PLOPENG	EUR	0,6400	0,6500	0,6400			0,6500					
Warrant	NL0011844642	BAM 2.7265PLOPENG	EUR	0,4300	0,4600	0,4300	230,0000	1	0,4400	500				
Warrant	NL0011847561	BAM 2.9295PLOPENG	EUR											
Warrant	NL0011847934	BAM 3.1485PLOPENG	EUR											
Warrant	NL0012823728	BAM 3.3645PLOPENG	EUR											
Warrant	NL0012828123	BAM 3.5995PLOPENG	EUR											
Warrant	NL0012832075	BAM 3.8895PLOPENG	EUR	0,9300	0,9300	0,9200			0,9200					
Warrant	NL0012467005	BAM 4.5765PLOPENG	EUR	1,6200	1,6200	1,6100			1,6100					
Warrant	NL0012067375	BAM 5.4035PLOPENG	EUR	2,4400	2,4400	2,4400			2,4400					
Warrant	DE000CV880E9	BAYER 119C 0619Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV880F6	BAYER 119C 0620Z	EUR	0,0280	0,0280	0,0280			0,0280					
Warrant	NL0012833073	BEKB 125PLOPENG	EUR	9,3600	9,3600	9,1700			9,1700					
Warrant	NL0012833065	BEKB 145PLOPENG	EUR	7,5500	7,5500	7,3600			7,3600					
Warrant	DE000C3PJV5	BEKB 18C 0319Z	EUR	0,6000	0,6000	0,6000			0,6000					
Warrant	DE000C3N9D8	BEKB 20C 0319Z	EUR	0,3750	0,3750	0,3750			0,3750					
Warrant	DE000CV8AY17	BEKB 22C 1218Z	EUR	0,1100	0,1100	0,1100			0,1100					
Warrant	DE000CV8AMH3	BEKB 24C 1218Z	EUR	0,0470	0,0470	0,0470			0,0470					
Warrant	DE000CV8AMK7	BEKB 25C 0319Z	EUR	0,1040	0,1040	0,1040			0,1040					
Warrant	DE000CV8AMJ9	BEKB 26C 1218Z	EUR	0,0180	0,0180	0,0180			0,0180					
Warrant	DE000CV895E7	BEKB 30C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV895F4	BEKB 33C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV895G2	BEKB 36C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0012832745	BEKB 16.15PLOPENG	EUR	5,6500	5,6500	5,4600			5,4600					
Warrant	NL0012825244	BEKB 17.35PLOPENG	EUR	4,5600	4,5600	4,3700			4,3700					
Warrant	NL0010357554	BEKB 18.55PLOPENG	EUR											
Warrant	DE000C3N9C0	BEKB 19.5C 1218Z	EUR	0,3050	0,3050	0,3050			0,3050					
Warrant	NL0012833099	BEKB 20.15PLOPENG	EUR											
Warrant	NL0010830170	BEKB 20.55PLOPENG	EUR											
Warrant	NL0012826184	BEKB 21.95PLOPENG	EUR											
Warrant	NL0012481451	BEKB 35.45PLOPENG	EUR	19,4000	19,5400	19,4000			19,5400					



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	NL0012068308	BEKB 47.3SPSOPENG	EUR											
Warrant	NL0006429011	BEL20 1000SPLOPENG	EUR	25,9700	25,9700	25,6000			25,6000					
Warrant	NL0009107945	BEL20 1310SPLOPENG	EUR	23,0300	23,0300	22,6500			22,6500					
Warrant	NL0010098224	BEL20 1580SPLOPENG	EUR	20,4600	20,4600	20,0800			20,0800					
Warrant	NL0010086070	BEL20 1690SPLOPENG	EUR	19,3500	19,3500	18,9800			18,9800					
Warrant	NL0010204434	BEL20 1810SPLOPENG	EUR	18,1900	18,1900	17,8200			17,8200					
Warrant	NL0010216784	BEL20 1940SPLOPENG	EUR	16,9900	16,9900	16,6100			16,6100					
Warrant	NL0010346110	BEL20 2070SPLOPENG	EUR	15,7300	15,7300	15,3500			15,3500					
Warrant	NL0010526000	BEL20 2200SPLOPENG	EUR	14,4500	14,4500	14,0700			14,0700					
Warrant	NL0010530390	BEL20 2340SPLOPENG	EUR	13,1300	13,1300	12,7500			12,7500					
Warrant	NL0010540662	BEL20 2430SPLOPENG	EUR	12,2900	12,2900	11,9200			11,9200					
Warrant	NL0010596409	BEL20 2520SPLOPENG	EUR	11,4300	11,4300	11,0600			11,0600					
Warrant	NL0010829651	BEL20 2600SPLOPENG	EUR	10,5700	10,5700	10,2000			10,2000					
Warrant	NL0010938973	BEL20 2700SPLOPENG	EUR	9,6900	9,6900	9,3100			9,3100					
Warrant	NL0010941043	BEL20 2790SPLOPENG	EUR	8,7800	8,7800	8,4000			8,4000					
Warrant	NL0010960274	BEL20 2890SPLOPENG	EUR	7,8400	7,8400	7,4700			7,4700					
Warrant	NL0011844964	BEL20 2980SPLOPENG	EUR	6,9300	6,9300	6,5500			6,5500					
Warrant	NL0011848098	BEL20 3080SPLOPENG	EUR	5,9900	5,9900	5,6100			5,6100					
Warrant	NL0011849070	BEL20 3180SPLOPENG	EUR	5,0200	5,0200	4,6500			4,6500					
Warrant	NL0012061998	BEL20 3280SPLOPENG	EUR	4,0400	4,0400	3,6600			3,6600					
Warrant	NL0012063572	BEL20 3400SPLOPENG	EUR											
Warrant	NL0012067789	BEL20 3510SPLOPENG	EUR											
Warrant	NL0012070692	BEL20 3620SPLOPENG	EUR											
Warrant	NL0012826275	BEL20 3720SPLOPENG	EUR											
Warrant	NL0012475933	BEL20 3900SPSOPENG	EUR	4,9000	5,2800	4,9000			5,2800					
Warrant	NL0012071450	BEL20 4020SPSOPENG	EUR	6,1900	6,5700	6,1900			6,5700					
Warrant	NL0012074835	BEL20 4150SPSOPENG	EUR	7,4900	7,8600	7,4900			7,8600					
Warrant	NL0012077119	BEL20 4280SPSOPENG	EUR	8,8200	9,2000	8,8200			9,2000					
Warrant	NL0012475941	BEL20 4410SPSOPENG	EUR	10,1900	10,5600	10,1900			10,5600					
Warrant	NL0010684486	BERKS#####SLOPENG	EUR	10,7700	10,7700	10,7700			10,7700					
Warrant	NL0011625942	BERKS#####SLOPENG	EUR	9,5700	9,5700	9,5700			9,5700					
Warrant	NL0010348835	BERKS#####SLOPENG	EUR	13,4400	13,4400	13,4400			13,4400					
Warrant	NL0009105741	BERKS#####SLOPENG	EUR	18,4800	18,4800	18,4800			18,4800					
Warrant	NL0012826556	BESI 19SPLOPENG	EUR											
Warrant	NL0011627864	BESI 7.7SPLOPENG	EUR	26,3800	26,4200	26,3800			26,4200					
Warrant	NL0011847520	BESI 8.5SPLOPENG	EUR	24,9600	25,0000	24,9600			25,0000					
Warrant	NL0011853296	BESI 10.3SPLOPENG	EUR	21,7800	21,8200	21,7800			21,8200					
Warrant	NL0011859483	BESI 11.2SPLOPENG	EUR	20,0300	20,0700	20,0300			20,0700					
Warrant	NL0012063291	BESI 13.4SPLOPENG	EUR	16,1400	16,1800	16,0000	3200,0000	1	16,1800	200				
Warrant	NL0012834238	BESI 14.3SPLOPENG	EUR	7,2600	7,2800	7,2600			7,2800					
Warrant	NL0012067169	BESI 14.5SPLOPENG	EUR											
Warrant	NL0012834220	BESI 15.3SPLOPENG	EUR	6,3500	6,3700	6,3500			6,3700					
Warrant	NL0012826226	BESI 15.5SPLOPENG	EUR											
Warrant	NL0012834212	BESI 16.4SPLOPENG	EUR	5,3700	5,3900	5,3500	1605,0000	1	5,3900	300				
Warrant	NL0012829535	BESI 16.6SPLOPENG	EUR											
Warrant	NL0012826218	BESI 16.6SPLOPENG	EUR											
Warrant	NL0012833107	BESI 16.6SPLOPENG	EUR											
Warrant	NL0012827505	BESI 17.8SPLOPENG	EUR											
Warrant	NL0012830426	BESI 17.8SPLOPENG	EUR											
Warrant	NL0012826200	BESI 17.8SPLOPENG	EUR											
Warrant	NL0012831242	BESI 17.8SPLOPENG	EUR											
Warrant	NL0012832380	BESI 18.5SPSOPENG	EUR											
Warrant	NL0012833792	BESI 18.5SPSOPENG	EUR											
Warrant	NL0012829543	BESI 18.6SPSOPENG	EUR											
Warrant	NL0012827513	BESI 20.4SPSOPENG	EUR	2,6400	2,6400	2,4900	249,0000	1	2,6000	100				
Warrant	NL0012826564	BESI 22.4SPSOPENG	EUR	4,8900	4,8900	4,8500			4,8500					
Warrant	NL0012823116	BESI 24.6SPSOPENG	EUR	7,3600	7,3600	7,3200			7,3200					
Warrant	NL0012823124	BESI 27.1SPSOPENG	EUR	10,0800	10,0800	10,0400			10,0400					
Warrant	NL0012820021	BESI 32.7SPSOPENG	EUR	16,3500	16,3500	16,3100			16,3100					
Warrant	NL0012475222	BINCK 4SPLOPENG	EUR	0,8200	0,8400	0,8200			0,8400					
Warrant	NL0011846852	BINCK 2.9SPLOPENG	EUR	1,8300	1,8500	1,8300			1,8500					
Warrant	NL0011844774	BINCK 3.2SPLOPENG	EUR	1,6100	1,6300	1,6100			1,6300					
Warrant	NL0011631437	BINCK 3.5SPLOPENG	EUR	1,3300	1,3500	1,3300			1,3500					
Warrant	NL0012468011	BINCK 3.7SPLOPENG	EUR	1,0800	1,1000	1,0800			1,1000					
Warrant	NL0012821466	BINCK 4.3SPLOPENG	EUR											
Warrant	NL0012823025	BINCK 4.6SPLOPENG	EUR											
Warrant	NL0012833743	BINCK 4.8SPSOPENG	EUR	1,0600	1,0600	1,0400			1,0400					
Warrant	NL0012826135	BINCK 4.9SPLOPENG	EUR											
Warrant	NL0012827240	BINCK 5.3SPLOPENG	EUR											
Warrant	NL0012833750	BINCK 5.8SPSOPENG	EUR	2,1900	2,1900	2,1700			2,1700					
Warrant	NL0012826143	BINCK 5.8SPSOPENG	EUR											
Warrant	NL0011621545	BINCK 6.4SPSOPENG	EUR	2,8400	2,8400	2,8100			2,8100					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010601662	BINCK 7.95SPOPENG	EUR	4,5200	4,5200	4,4900			4,4900					
Warrant	NL0010750733	BINCK 8.75SPOPENG	EUR	5,4300	5,4300	5,4000			5,4000					
Warrant	NL0010464160	BMW 46.35PLOPENG	EUR	35,9600	35,9600	34,8300				34,8300				
Warrant	NL0010464152	BMW 50.25PLOPENG	EUR	32,3100	32,3100	31,1800				31,1800				
Warrant	NL0010463931	BMW 54.45PLOPENG	EUR	28,4300	28,4300	27,3000				27,3000				
Warrant	NL0010526398	BMW 58.65PLOPENG	EUR	24,5200	24,5200	23,3900				23,3900				
Warrant	NL0011848882	BMW 63.25PLOPENG	EUR	20,2500	20,2500	19,1200				19,1200				
Warrant	NL0011860465	BMW 68.15PLOPENG	EUR	15,6900	15,6900	14,5600				14,5600				
Warrant	NL0011860622	BMW 73.25PLOPENG	EUR											
Warrant	NL0012829816	BMW 80.65PLOPENG	EUR											
Warrant	NL0012833560	BMW 66.245PLOPENG	EUR	12,8400	12,8400	11,7100				11,7100				
Warrant	NL0012822365	BMW 69.725PLOPENG	EUR	9,3700	9,3700	8,2400				8,2400				
Warrant	NL0012822746	BMW 73.175PLOPENG	EUR											
Warrant	NL0012823355	BMW 76.75PLOPENG	EUR											
Warrant	NL0012825822	BMW 80.415PLOPENG	EUR											
Warrant	NL0012826408	BMW 80.525PLOPENG	EUR											
Warrant	NL0012828156	BMW 86.575SPOPENG	EUR											
Warrant	NL0010465993	BNP 25.25PLOPENG	EUR	23,9600	23,9600	23,7500				23,7500				
Warrant	NL0010464095	BNP 27.95PLOPENG	EUR	21,5100	21,5100	21,3000				21,3000				
Warrant	NL0010463915	BNP 30.85PLOPENG	EUR											
Warrant	NL0011851936	BNP 37.75PLOPENG	EUR	12,6700	12,6700	12,4600				12,4600				
Warrant	NL0012829501	BNP 44.75PLOPENG	EUR	6,2300	6,2300	6,0200				6,0200				
Warrant	NL0012829493	BNP 48.75PLOPENG	EUR											
Warrant	NL0012068290	BNP 50.25PLOPENG	EUR											
Warrant	NL0009113430	BOSKA 9.95PLOPENG	EUR	16,3400	16,3400	16,2500				16,2500				
Warrant	NL0009233519	BOSKA 12.35PLOPENG	EUR	14,0700	14,0700	13,9800				13,9800				
Warrant	NL0009903947	BOSKA 17.15PLOPENG	EUR	9,6800	9,6800	9,5900				9,5900				
Warrant	NL0010202545	BOSKA 19.75PLOPENG	EUR	7,2200	7,2200	7,1300				7,1300				
Warrant	NL0010207015	BOSKA 21.75PLOPENG	EUR	5,3700	5,3700	5,2200	15303,8000	3		2910				
Warrant	NL0012827968	BOSKA 23.25PLOPENG	EUR	3,9500	3,9500	3,8600				3,8600				
Warrant	NL0012821045	BOSKA 23.25PLOPENG	EUR											
Warrant	NL0012821151	BOSKA 23.95PLOPENG	EUR											
Warrant	NL0012824114	BOSKA 24.85PLOPENG	EUR											
Warrant	NL0012829477	BOSKA 24.85PLOPENG	EUR											
Warrant	NL0012831226	BOSKA 26.65PLOPENG	EUR											
Warrant	NL0012476758	BOSKA 27.45SPOPENG	EUR											
Warrant	NL0012476659	BOSKA 30.25SPOPENG	EUR	5,0100	5,0600	5,0100				5,0600				
Warrant	NL0010543013	BOSKA 30.85PLOPENG	EUR											
Warrant	NL0011615349	BOSKA 33.25SPOPENG	EUR	10,5900	10,6400	10,5900				10,6400				
Warrant	NL0011615356	BOSKA 36.85SPOPENG	EUR	14,4800	14,5300	14,4800				14,5300				
Warrant	NL0011360664	BOSKA 40.75SPOPENG	EUR	18,7600	18,8100	18,7600				18,8100				
Warrant	NL0012478861	BOSKA19.365PLOPENG	EUR	6,3100	6,3100	6,2200				6,2200				
Warrant	NL0012477509	BOSKA20.885PLOPENG	EUR	4,7900	4,7900	4,7000				4,7000				
Warrant	NL0012479950	BOSKA22.425PLOPENG	EUR	3,2300	3,2300	3,1400				3,1400				
Warrant	NL0012827737	BOSKA23.975PLOPENG	EUR											
Warrant	NL0012826358	BOSKA25.585PLOPENG	EUR											
Warrant	NL0012830103	BOSKA25.665PLOPENG	EUR											
Warrant	NL0012833917	BOSKA27.485PLOPENG	EUR	2,2900	2,3400	2,2900				2,3400				
Warrant	NL0012821557	BOSKA27.555PLOPENG	EUR											
Warrant	NL0011631072	BOSKA33.295PLOPENG	EUR	8,1000	8,1500	8,1000				8,1500				
Warrant	NL0009616531	BP 202SPLOPENG	EUR	4,0000	4,0000	4,0000				4,0000				
Warrant	DE000CV8AML5	BPOST 14C 0319Z	EUR	0,5450	0,5450	0,5450				0,5450				
Warrant	DE000CJ3PJW3	BPOST 15C 0619Z	EUR	0,5550	0,5550	0,5550				0,5550				
Warrant	DE000CV895L2	BPOST 15C 1218Z	EUR	0,0980	0,0980	0,0980				0,0980				
Warrant	DE000CV8ASQ1	BPOST 16C 0319Z	EUR	0,2300	0,2300	0,2300				0,2300				
Warrant	DE000CV895K4	BPOST 13.5C 1218Z	EUR	0,3550	0,3550	0,3550				0,3550				
Warrant	NL0011620216	BRENT 38SPLOPENG	EUR	32,4800	32,4800	32,0200				32,0200				
Warrant	NL0011622634	BRENT 40SPLOPENG	EUR	30,8100	30,8100	30,3400				30,3400				
Warrant	NL0012463772	BRENT 54SPLOPENG	EUR	19,1300	19,1300	18,6200				18,6200				
Warrant	NL0012827646	BRENT 71SPLOPENG	EUR	4,9900	4,9900	4,4400				4,4400				
Warrant	NL0012822530	BRENT 80SPSOPENG	EUR											
Warrant	NL0011492590	BRENT 28.55PLOPENG	EUR	40,4300	40,4300	40,0000				40,0000				
Warrant	NL0011492350	BRENT 29.25PLOPENG	EUR	39,8700	39,8700	39,4400				39,4400				
Warrant	NL0011491071	BRENT 31.35PLOPENG	EUR	38,1000	38,1000	37,6600				37,6600				
Warrant	NL0011490321	BRENT 33.65PLOPENG	EUR	36,1600	36,1600	35,7100				35,7100				
Warrant	NL0011489356	BRENT 34.45PLOPENG	EUR	35,4700	35,4700	35,0200				35,0200				
Warrant	NL0011619655	BRENT 37.15PLOPENG	EUR	33,2700	33,2700	32,8100				32,8100				
Warrant	NL0011623616	BRENT 41.15PLOPENG	EUR	29,9400	29,9400	29,4700				29,4700				
Warrant	NL0011624176	BRENT 42.25PLOPENG	EUR	29,0400	29,0400	28,5700				28,5700				
Warrant	NL0012075816	BRENT 44.95PLOPENG	EUR	26,7500	26,7500	26,2700				26,2700				
Warrant	NL0012077036	BRENT 46.45PLOPENG	EUR	25,5500	25,5500	25,0600				25,0600				
Warrant	NL0012077168	BRENT 47.85PLOPENG	EUR	24,3100	24,3100	23,8200				23,8200				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012080360	BRENT 49.4SPLOPENG	EUR	23,0400	23,0400	22,5500			22,5500					
Warrant	NL0012080527	BRENT 50.9SPLOPENG	EUR	21,7300	21,7300	21,2400			21,2400					
Warrant	NL0012080642	BRENT 52.5SPLOPENG	EUR	20,3900	20,3900	19,8900			19,8900					
Warrant	NL0012464085	BRENT 55.8SPLOPENG	EUR	17,7000	17,7000	17,1900			17,1900					
Warrant	NL0012465371	BRENT 59.3SPLOPENG	EUR	14,7300	14,7300	14,2100			14,2100					
Warrant	NL0012473011	BRENT 61.1SPLOPENG	EUR	13,2100	13,2100	12,6800			12,6800					
Warrant	NL0012477251	BRENT 64.9SPLOPENG	EUR	10,0600	10,0600	9,2600	3085,8800	11	9,5200	319				
Warrant	NL0012479687	BRENT 68.9SPLOPENG	EUR	6,7200	6,7200	6,1800			6,1800					
Warrant	NL0012480537	BRENT 70.9SPLOPENG	EUR											
Warrant	NL0012827315	BRENT 72.8SPSOPENG	EUR											
Warrant	NL0012828339	BRENT 73.1SPLOPENG	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	12,2400	12,8700	12,2400			12,8700					
Warrant	NL0012820252	BRENT 83.4SPSOPENG	EUR											
Warrant	NL0012827653	BRENT 86.7SPSOPENG	EUR											
Warrant	NL0011492566	BRENT30.19SPLOPENG	EUR	37,8800	37,8800	37,4400			37,4400					
Warrant	NL0011491212	BRENT32.05SPLOPENG	EUR	36,2500	36,2500	35,8000			35,8000					
Warrant	NL0011490891	BRENT32.69SPLOPENG	EUR	35,6900	35,6900	35,2400			35,2400					
Warrant	NL0011490628	BRENT34.04SPLOPENG	EUR	34,5100	34,5100	34,0600			34,0600					
Warrant	NL0011489448	BRENT34.74SPLOPENG	EUR	33,9000	33,9000	33,4400			33,4400					
Warrant	NL0011492699	BRENT36.22SPLOPENG	EUR	32,6000	32,6000	32,1400			32,1400					
Warrant	NL0011493879	BRENT36.99SPLOPENG	EUR	31,9400	31,9400	31,4700			31,4700					
Warrant	NL0011618814	BRENT37.78SPLOPENG	EUR	31,2300	31,2300	30,7700			30,7700					
Warrant	NL0011620182	BRENT38.61SPLOPENG	EUR	30,5100	30,5100	30,0400			30,0400					
Warrant	NL0011621198	BRENT39.46SPLOPENG	EUR	29,7700	29,7700	29,3000			29,3000					
Warrant	NL0011622246	BRENT40.33SPLOPENG	EUR	29,0000	29,0000	28,5300			28,5300					
Warrant	NL0011622238	BRENT41.22SPLOPENG	EUR	28,2200	28,2200	27,7500			27,7500					
Warrant	NL0011623269	BRENT42.14SPLOPENG	EUR	27,4500	27,4500	26,9800			26,9800					
Warrant	NL0011623939	BRENT43.07SPLOPENG	EUR	26,6200	26,6200	26,1400			26,1400					
Warrant	NL0012074975	BRENT44.23SPLOPENG	EUR	25,6200	25,6200	25,1300			25,1300					
Warrant	NL0012075840	BRENT45.41SPLOPENG	EUR	24,5600	24,5600	24,0700			24,0700					
Warrant	NL0012077077	BRENT46.63SPLOPENG	EUR	23,5200	23,5200	23,0300			23,0300					
Warrant	NL0012077069	BRENT47.87SPLOPENG	EUR	22,4700	22,4700	21,9800			21,9800					
Warrant	NL0012079263	BRENT49.14SPLOPENG	EUR	21,3600	21,3600	20,8600			20,8600					
Warrant	NL0012079511	BRENT50.44SPLOPENG	EUR	20,1800	20,1800	19,6700			19,6700					
Warrant	NL0012080576	BRENT51.78SPLOPENG	EUR	19,0000	19,0000	18,5000			18,5000					
Warrant	NL0012081343	BRENT53.15SPLOPENG	EUR	17,8000	17,8000	17,2900			17,2900					
Warrant	NL0012463020	BRENT54.56SPLOPENG	EUR	16,5700	16,5700	16,0600			16,0600					
Warrant	NL0012463996	BRENT55.99SPLOPENG	EUR	15,3200	15,3200	14,8000			14,8000					
Warrant	NL0012464184	BRENT57.47SPLOPENG	EUR	14,0100	14,0100	13,4900			13,4900					
Warrant	NL0012464994	BRENT58.98SPLOPENG	EUR	12,7000	12,7000	12,1700			12,1700					
Warrant	NL0012467401	BRENT60.52SPLOPENG	EUR	11,3200	11,3200	10,7900	2475,8000	3	10,7900	221				
Warrant	NL0012473490	BRENT62.09SPLOPENG	EUR	9,9800	9,9800	9,4400			9,4400					
Warrant	NL0012477434	BRENT63.66SPLOPENG	EUR	8,6100	8,6100	8,0600			8,0600					
Warrant	NL0012477426	BRENT65.27SPLOPENG	EUR	7,2000	7,2000	6,6500	1625,6000	2	6,6500	240				
Warrant	NL0012478408	BRENT66.92SPLOPENG	EUR	5,7300	5,7300	5,1800	159,0000	1	5,1800	30				
Warrant	NL0012479406	BRENT68.62SPLOPENG	EUR	4,2300	4,2300	3,6700	143,5000	1	3,6700	35				
Warrant	NL0012827497	BRENT70.35SPLOPENG	EUR	2,7300	2,7300	2,1600	1943,0000	4	2,1600	830				
Warrant	NL0012479745	BRENT70.35SPLOPENG	EUR											
Warrant	NL0012825079	BRENT72.05SPLOPENG	EUR											
Warrant	NL0012826457	BRENT72.09SPLOPENG	EUR											
Warrant	NL0012828099	BRENT72.13SPLOPENG	EUR	1,1500	1,1500	0,3400	12546,3700	26	0,5800	15440				
Warrant	NL0012826093	BRENT73.87SPLOPENG	EUR											
Warrant	NL0012828271	BRENT73.96SPLOPENG	EUR											
Warrant	NL0012826804	BRENT74.67SPSOPENG	EUR											
Warrant	NL0012829618	BRENT75.77SPLOPENG	EUR											
Warrant	NL0012828677	BRENT76.16SPLOPENG	EUR											
Warrant	NL0012825293	BRENT76.86SPSOPENG	EUR											
Warrant	NL0012830780	BRENT77.69SPLOPENG	EUR											
Warrant	NL0012833982	BRENT78.45SPSOPENG	EUR	4,8100	5,4100	4,8100			5,4100					
Warrant	NL0012828792	BRENT78.75SPSOPENG	EUR											
Warrant	NL0012823975	BRENT78.79SPSOPENG	EUR											
Warrant	NL0012830962	BRENT79.59SPLOPENG	EUR											
Warrant	NL0012470728	BRENT80.11SPSOPENG	EUR											
Warrant	NL0012833990	BRENT80.48SPSOPENG	EUR	6,5800	7,1800	6,5800			7,1800					
Warrant	NL0012831432	BRENT81.58SPLOPENG	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	NL0012471346	BRENT82.11SPSOPENG	EUR											
Warrant	NL0012832794	BRENT82.55SPSOPENG	EUR	8,4000	9,0000	8,4000			9,0000					
Warrant	NL0012831671	BRENT83.61SPLOPENG	EUR											
Warrant	NL0012832174	BRENT84.68SPSOPENG	EUR	10,2600	10,8700	10,2600			10,8700					
Warrant	NL0012831770	BRENT84.75SPSOPENG	EUR											
Warrant	NL0012480404	BRENT84.86SPSOPENG	EUR											
Warrant	NL0012819080	BRENT86.85SPSOPENG	EUR	12,1600	12,7800	12,1600			12,7800					
Warrant	NL0012819627	BRENT91.24SPSOPENG	EUR	16,0100	16,6400	16,0100			16,6400					
Warrant	NL0012831440	BRENT93.51SPSOPENG	EUR	17,9900	18,6300	17,9900			18,6300					
Warrant	NL0012831457	BRENT95.85SPSOPENG	EUR	20,0400	20,6900	20,0400			20,6900					
Warrant	DE000CV895N8	BRUNL 15C 1218Z	EUR	0,1550	0,1550	0,1550			0,1550					
Warrant	DE000CV895M0	BRUNL 13.5C 1218Z	EUR	0,4550	0,4550	0,4550			0,4550					
Warrant	DE000CV895P3	BRUNL 16.5C 1218Z	EUR	0,0540	0,0540	0,0540			0,0540					
Warrant	NL0009903111	BTP 55SPLOPENG	EUR	70,1900	70,1900	70,1900			70,1900					
Warrant	NL0010677159	BTP 103SPLOPENG	EUR	23,2800	23,2800	23,2800			23,2800					
Warrant	NL0010687109	BTP 107SPLOPENG	EUR	19,6500	19,6500	19,6500			19,6500					
Warrant	NL0010746814	BTP 109SPLOPENG	EUR	17,7600	17,7600	17,7600			17,7600					
Warrant	NL0010812095	BTP 114SPLOPENG	EUR	12,1700	12,1700	12,1700			12,1700					
Warrant	NL0011299441	BTP 116SPLOPENG	EUR	10,1600	10,1600	10,1600			10,1600					
Warrant	NL0012828446	BTP 120SPLOPENG	EUR											
Warrant	NL0012833131	BTP 120SPLOPENG	EUR											
Warrant	NL0012829733	BTP 123SPLOPENG	EUR											
Warrant	NL0012833149	BTP 126SPSOPENG	EUR	7,2700	7,2700	7,2700			7,2700					
Warrant	NL0012480941	BTP 138SPSOPENG	EUR	19,6500	19,7100	19,6500	1965,0000	1	19,7100	100				
Warrant	NL0012819445	BTP 139SPSOPENG	EUR	16,4300	16,4300	16,4300			16,4300					
Warrant	NL0012831937	BTP 123.SPSOPENG	EUR											
Warrant	NL0012831929	BTP 115.4SPLOPENG	EUR	7,4000	7,4000	7,4000			7,4000					
Warrant	NL0012831515	BTP 117.2SPLOPENG	EUR	5,6500	5,6500	5,6500			5,6500					
Warrant	NL0012828180	BTP 118.8SPLOPENG	EUR											
Warrant	NL0012834162	BTP 118.9SPLOPENG	EUR	3,8600	3,9000	3,8500	4255,0000	3	3,8800	1100				
Warrant	NL0012826911	BTP 120.6SPLOPENG	EUR											
Warrant	NL0012823223	BTP 123.9SPLOPENG	EUR											
Warrant	NL0012831523	BTP 124.2SPSOPENG	EUR	1,6700	1,6700	1,6700			1,6700					
Warrant	NL0012831333	BTP 125.5SPSOPENG	EUR	2,9300	2,9300	2,9300			2,9300					
Warrant	NL0012823215	BTP 125.8SPLOPENG	EUR											
Warrant	NL0012826929	BTP 125.8SPSOPENG	EUR											
Warrant	NL0012826267	BTP 127.1SPSOPENG	EUR											
Warrant	NL0012825400	BTP 129.4SPSOPENG	EUR	6,7800	6,7800	6,7800			6,7800					
Warrant	NL0012820260	BTP 130.7SPSOPENG	EUR	8,1200	8,1200	8,1200			8,1200					
Warrant	NL0012820278	BTP 132.1SPSOPENG	EUR	9,4800	9,4800	9,4800			9,4800					
Warrant	NL0012819635	BTP 133.4SPSOPENG	EUR	10,8500	10,8500	10,8500			10,8500					
Warrant	NL0012465744	BTP 136.2SPSOPENG	EUR	13,5500	13,9200	13,5500	2747,0000	2	13,6400	200				
Warrant	NL0012479299	BTP 139.4SPSOPENG	EUR	16,7900	16,7900	16,7900			16,7900					
Warrant	NL0010598942	BUND 132SPLOPENG	EUR	30,2900	30,2900	30,2900			30,2900					
Warrant	NL0010600979	BUND 133SPLOPENG	EUR	28,7800	28,7800	28,7800			28,7800					
Warrant	NL0010602199	BUND 135SPLOPENG	EUR	27,2500	27,2500	27,2500			27,2500					
Warrant	NL0010677332	BUND 136SPLOPENG	EUR	25,7100	25,7100	25,7100			25,7100					
Warrant	NL0010743076	BUND 138SPLOPENG	EUR	24,1800	24,1800	24,1800			24,1800					
Warrant	NL0010751699	BUND 140SPLOPENG	EUR	22,6500	22,6500	22,6500			22,6500					
Warrant	NL0010753711	BUND 141SPLOPENG	EUR	21,1000	21,1000	21,1000			21,1000					
Warrant	NL0010812079	BUND 143SPLOPENG	EUR	19,6100	19,6100	19,6100			19,6100					
Warrant	NL0010951513	BUND 144SPLOPENG	EUR	17,9700	17,9700	17,9700			17,9700					
Warrant	NL0011293840	BUND 146SPLOPENG	EUR	16,4100	16,4100	16,4100			16,4100					
Warrant	NL0011304571	BUND 147SPLOPENG	EUR	14,9100	14,9100	14,9100			14,9100					
Warrant	NL0011484191	BUND 149SPLOPENG	EUR	13,2300	13,2300	13,2300			13,2300					
Warrant	NL0011491238	BUND 151SPLOPENG	EUR	11,6100	11,6100	11,6100			11,6100					
Warrant	NL0011616313	BUND 152SPLOPENG	EUR	9,9800	9,9800	9,9800			9,9800					
Warrant	NL0012475529	BUND 154SPLOPENG	EUR	8,4500	8,4500	8,4500			8,4500					
Warrant	NL0012478267	BUND 156SPLOPENG	EUR	6,9100	6,9100	6,9100			6,9100					
Warrant	NL0012821086	BUND 157SPLOPENG	EUR	5,3500	5,3500	5,3500			5,3500					
Warrant	NL0012822548	BUND 161SPSOPENG	EUR	4,7400	4,7400	4,7400			4,7400					
Warrant	NL0012822704	BUND 163SPSOPENG	EUR	6,4000	6,4000	6,4000			6,4000					
Warrant	NL0012822712	BUND 165SPSOPENG	EUR	8,0800	8,0800	8,0800			8,0800					
Warrant	NL0010742771	BUND 139.SPLOPENG	EUR	20,7200	20,7200	20,7200			20,7200					
Warrant	NL0011303490	BUND 147.SPLOPENG	EUR	12,7400	12,7400	12,7400			12,7400					
Warrant	NL0012478093	BUND 155.SPLOPENG	EUR	4,7400	4,7400	4,7400			4,7400					
Warrant	NL0012466403	BUND 163.SPSOPENG	EUR	3,5200	3,5200	3,4700	1574,0000	2	3,4900	450				
Warrant	NL0012821771	BUND 164.SPSOPENG	EUR	4,4800	4,4800	4,4800			4,4800					
Warrant	NL0010600128	BUND 132.8SPLOPENG	EUR	26,9700	26,9700	26,9700			26,9700					
Warrant	NL0010602470	BUND 134.3SPLOPENG	EUR	25,4200	25,4200	25,4200			25,4200					
Warrant	NL0010676979	BUND 135.9SPLOPENG	EUR	23,8600	23,8600	23,8600			23,8600					
Warrant	NL0010689576	BUND 137.4SPLOPENG	EUR	22,3000	22,3000	22,3000			22,3000					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010754107	BUND 140.6SPLOPENG	EUR	19,1300	19,1300	19,1300			19,1300					
Warrant	NL0010811097	BUND 142.2SPLOPENG	EUR	17,5400	17,5400	17,5400			17,5400					
Warrant	NL0010814075	BUND 143.8SPLOPENG	EUR	15,9300	15,9300	15,9300			15,9300					
Warrant	NL0011293279	BUND 145.4SPLOPENG	EUR	14,3500	14,3500	14,3500			14,3500					
Warrant	NL0011355631	BUND 148.6SPLOPENG	EUR	11,1200	11,1200	11,1200			11,1200					
Warrant	NL0011488937	BUND 150.2SPLOPENG	EUR	9,5500	9,5500	9,5500			9,5500					
Warrant	NL0011493366	BUND 151.9SPLOPENG	EUR	7,8800	7,8800	7,8800			7,8800					
Warrant	NL0012475602	BUND 153.4SPLOPENG	EUR	6,3200	6,3200	6,3200			6,3200					
Warrant	NL0012821110	BUND 156.7SPLOPENG	EUR	3,0800	3,0800	3,0800			3,0800					
Warrant	NL0012824684	BUND 157.9SPLOPENG	EUR											
Warrant	NL0012821763	BUND 160.8SPSOPENG	EUR											
Warrant	NL0012463145	BUND 161.4SPSOPENG	EUR	1,8000	1,8900	1,7800	6262,1500	5	1,8200	3330				
Warrant	NL0012825392	BUND 165.7SPSOPENG	EUR	6,1300	6,1300	6,1300			6,1300					
Warrant	NL0009904192	CAC40 2380SPLOPENG	EUR	27,7600	27,7600	27,7600			27,7600					
Warrant	NL0010085486	CAC40 2540SPLOPENG	EUR	26,1700	26,1700	26,1700			26,1700					
Warrant	NL0010205258	CAC40 2890SPLOPENG	EUR	22,7400	22,7400	22,7400			22,7400					
Warrant	NL0010218921	CAC40 3080SPLOPENG	EUR	20,9100	20,9100	20,9100			20,9100					
Warrant	NL0010466389	CAC40 3310SPLOPENG	EUR	18,6100	18,6100	18,6100			18,6100					
Warrant	NL0011618087	CAC40 3335SPLOPENG	EUR	17,8000	17,8000	17,8000			17,8000					
Warrant	NL0010677837	CAC40 3411SPLOPENG	EUR	17,0300	17,0300	17,0300			17,0300					
Warrant	NL0010677829	CAC40 3495SPLOPENG	EUR	16,2000	16,2000	16,2000			16,2000					
Warrant	NL0011618186	CAC40 3540SPLOPENG	EUR	16,3800	16,3800	16,3800			16,3800					
Warrant	NL0011618939	CAC40 3574SPLOPENG	EUR	15,4300	15,4300	15,4300			15,4300					
Warrant	NL0011619887	CAC40 3654SPLOPENG	EUR	14,6600	14,6600	14,6600			14,6600					
Warrant	NL0011620273	CAC40 3780SPLOPENG	EUR	14,5300	14,5300	14,0100	3341,9000	1	14,0100	230				
Warrant	NL0011845045	CAC40 3896SPLOPENG	EUR	12,2500	12,2500	12,2500			12,2500					
Warrant	NL0011847660	CAC40 3900SPLOPENG	EUR	12,8100	12,8100	12,8100			12,8100					
Warrant	NL0011848221	CAC40 3979SPLOPENG	EUR	11,4100	11,4100	11,4100			11,4100					
Warrant	NL0011848106	CAC40 4030SPLOPENG	EUR	11,5800	11,5800	11,5800			11,5800					
Warrant	NL0011848213	CAC40 4065SPLOPENG	EUR	10,5600	10,5600	10,5600			10,5600					
Warrant	NL0011849195	CAC40 4152SPLOPENG	EUR	9,6900	9,6900	9,6900			9,6900					
Warrant	NL0011851258	CAC40 4160SPLOPENG	EUR	10,3000	10,3000	10,3000			10,3000					
Warrant	NL0011859897	CAC40 4240SPLOPENG	EUR	8,8000	8,8000	8,8000			8,8000					
Warrant	NL0011618194	CAC40 4300SPSOPENG	EUR											
Warrant	NL0011861695	CAC40 4331SPLOPENG	EUR	7,9000	7,9000	7,9000			7,9000					
Warrant	NL0011862362	CAC40 4423SPLOPENG	EUR	6,9800	6,9800	6,9800			6,9800					
Warrant	NL0011863147	CAC40 4430SPLOPENG	EUR	7,6500	7,6500	7,6500			7,6500					
Warrant	NL0011862933	CAC40 4517SPLOPENG	EUR	6,0300	6,0300	6,0300			6,0300					
Warrant	NL0012062426	CAC40 4570SPLOPENG	EUR	6,2700	6,2700	6,2700			6,2700					
Warrant	NL0012065635	CAC40 4613SPLOPENG	EUR	5,0800	5,0800	5,0800			5,0800					
Warrant	NL0012066963	CAC40 4711SPLOPENG	EUR	4,0800	4,0800	4,0800			4,0800					
Warrant	NL0012068712	CAC40 4720SPLOPENG	EUR	4,8400	4,8400	4,8400			4,8400					
Warrant	NL0012069389	CAC40 4811SPLOPENG	EUR	3,1500	3,1500	3,1500			3,1500					
Warrant	NL0012070700	CAC40 4860SPLOPENG	EUR	3,3800	3,3800	3,3800			3,3800					
Warrant	NL0012834113	CAC40 4907SPLOPENG	EUR	2,1400	2,1400	2,1400			2,1400					
Warrant	NL0012070510	CAC40 4911SPLOPENG	EUR											
Warrant	NL0012478606	CAC40 5010SPLOPENG	EUR											
Warrant	NL0012478473	CAC40 5010SPLOPENG	EUR											
Warrant	NL0012479828	CAC40 5110SPLOPENG	EUR											
Warrant	NL0012833602	CAC40 5120SPSOPENG	EUR											
Warrant	NL0012480578	CAC40 5160SPLOPENG	EUR											
Warrant	NL0012480487	CAC40 5215SPLOPENG	EUR											
Warrant	NL0012833503	CAC40 5224SPSOPENG	EUR	1,4600	1,4600	1,4600			1,4600					
Warrant	NL0012825624	CAC40 5310SPLOPENG	EUR											
Warrant	NL0011212071	CAC40 5310SPSOPENG	EUR											
Warrant	NL0012824171	CAC40 5314SPLOPENG	EUR											
Warrant	NL0012828107	CAC40 5319SPLOPENG	EUR											
Warrant	NL0012830863	CAC40 5321SPLOPENG	EUR											
Warrant	NL0012832463	CAC40 5331SPSOPENG	EUR	2,5200	2,5200	2,5200			2,5200					
Warrant	NL0012063440	CAC40 5353SPSOPENG	EUR											
Warrant	NL0012832471	CAC40 5440SPSOPENG	EUR	3,6100	3,6100	3,6100			3,6100					
Warrant	NL0012828941	CAC40 5465SPSOPENG	EUR											
Warrant	NL0012827398	CAC40 5473SPSOPENG	EUR											
Warrant	NL0012076624	CAC40 5520SPSOPENG	EUR											
Warrant	NL0012462097	CAC40 5551SPSOPENG	EUR	4,2100	4,7200	4,2100	1762,0000	2	4,7200	400				
Warrant	NL0012465421	CAC40 5660SPSOPENG	EUR	6,8700	6,8700	6,8700			6,8700					
Warrant	NL0012464515	CAC40 5665SPSOPENG	EUR	5,8700	5,8700	5,8700			5,8700					
Warrant	NL0012464523	CAC40 5782SPSOPENG	EUR	7,0300	7,0300	7,0300			7,0300					
Warrant	NL0012819882	CAC40 5840SPSOPENG	EUR	8,7200	8,7200	8,7200			8,7200					
Warrant	NL0012818678	CAC40 5899SPSOPENG	EUR	8,2100	8,2100	8,2100			8,2100					
Warrant	NL0012820229	CAC40 6019SPSOPENG	EUR	9,4100	9,4100	9,4100			9,4100					
Warrant	DE000CV8AM37	CATER 140C 0319Z	EUR	0,0810	0,0810	0,0810								



Instrument Type	Exchange Instrument ID	Instrument 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	DE000CV8AM29	CATER 140C 1218Z	EUR	0,0300	0,0300	0,0300			0,0300					
Warrant	DE000CV8AK05	CATER 160C 0319Z	EUR	0,0230	0,0230	0,0230			0,0230					
Warrant	DE000CV8AJ21	CATER 160C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0012834097	CEVA 22SPLOPENG	EUR											
Warrant	NL0012824304	CFOUR 8.1SPLOPENG	EUR	9,9200	9,9700	9,9200			9,9700					
Warrant	NL0012467880	CFOUR 11.8SPLOPENG	EUR	6,4400	6,4900	6,4400			6,4900					
Warrant	NL0012830400	CFOUR 12.1SPLOPENG	EUR	6,2300	6,2900	6,2300			6,2900					
Warrant	NL0010690061	CISCO 19.7SPLOPENG	EUR	23,6900	23,6900	23,6900			23,6900					
Warrant	DE000CV8AK21	COCA 48C 1218Z	EUR	0,1350	0,1350	0,1350			0,1350					
Warrant	DE000CJ3N9T4	COCA 50C 0319Z	EUR	0,1150	0,1150	0,1150			0,1150					
Warrant	DE000CV8AK39	COCA 52C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CJ3N9S6	COCA 45.5C 0319Z	EUR	0,5150	0,5150	0,5150			0,5150					
Warrant	DE000CV895Q1	COLRT 40C 1218Z	EUR	2,3800	2,3800	2,3800			2,3800					
Warrant	DE000CV895R9	COLRT 45C 1218Z	EUR	1,4300	1,4300	1,4300			1,4300					
Warrant	DE000CJ3N9E6	COLRT 54C 0319Z	EUR	0,3150	0,3150	0,3150			0,3150					
Warrant	DE000CV8AMM3	COLRT 55C 1218Z	EUR	0,1450	0,1450	0,1450			0,1450					
Warrant	DE000CV8AMN1	COLRT 60C 0319Z	EUR	0,0660	0,0660	0,0660			0,0660					
Warrant	NL0009902550	CRBN 45PLOPENG	EUR	23,8200	23,8200	22,1200			22,1200					
Warrant	NL0012064638	CRBN 21SPLOPENG	EUR	8,4000	8,4000	6,7000			6,7000					
Warrant	NL0012068985	CRBN 23SPLOPENG	EUR	6,5400	6,5400	4,8400			4,8400					
Warrant	NL0010095485	CRBN 6.9SPLOPENG	EUR	21,1700	21,1700	19,4700			19,4700					
Warrant	NL0010830915	CRBN 7.9SPLOPENG	EUR	20,2800	20,2800	18,5800			18,5800					
Warrant	NL0010963047	CRBN 10.1SPLOPENG	EUR	18,2600	18,2600	16,5600			16,5600					
Warrant	NL0011020557	CRBN 11.4SPLOPENG	EUR	17,1200	17,1200	15,4200			15,4200					
Warrant	NL0011027339	CRBN 12.7SPLOPENG	EUR	15,8600	15,8600	14,1600			14,1600					
Warrant	NL0011211339	CRBN 14.3SPLOPENG	EUR	14,5000	14,5000	12,8000			12,8000					
Warrant	NL0011301106	CRBN 15.8SPLOPENG	EUR	13,1000	13,1000	11,4000			11,4000					
Warrant	NL0011844048	CRBN 17.4SPLOPENG	EUR	11,6700	11,6700	9,9700			9,9700					
Warrant	NL0011861935	CRBN 19.1SPLOPENG	EUR	10,1000	10,1000	8,4000			8,4000					
Warrant	NL0012819387	CRBN 25.1SPLOPENG	EUR	4,6000	4,6000	2,9000			2,9000					
Warrant	NL0012824106	CRBN 27.3SPLOPENG	EUR											
Warrant	NL0012074470	CRBN 29.8SPSOPENG	EUR	6,0500	7,6100	6,0500			7,6100					
Warrant	NL0006427155	DAX 3930SPLOPENG	EUR	77,0900	77,0900	77,0900			77,0900					
Warrant	NL0009105154	DAX 5030SPLOPENG	EUR	66,3900	66,3900	66,3900			66,3900					
Warrant	NL0009111020	DAX 5650SPLOPENG	EUR	60,3800	60,3800	60,3800			60,3800					
Warrant	NL0009881242	DAX 6170SPLOPENG	EUR	55,3100	55,3100	55,3100			55,3100					
Warrant	NL0009904523	DAX 6480SPLOPENG	EUR	52,3400	52,3400	52,3400			52,3400					
Warrant	NL0010086088	DAX 7150SPLOPENG	EUR	45,8200	45,8200	45,8200			45,8200					
Warrant	NL0010215034	DAX 7503SPLOPENG	EUR	40,3000	40,3000	40,3000			40,3000					
Warrant	NL0010203725	DAX 7590SPLOPENG	EUR	41,5900	41,5900	41,5900			41,5900					
Warrant	NL0010214672	DAX 7650SPLOPENG	EUR	38,8300	38,8300	38,8300			38,8300					
Warrant	NL0010215646	DAX 7890SPLOPENG	EUR	38,6300	38,6300	38,6300			38,6300					
Warrant	NL0010216016	DAX 8050SPLOPENG	EUR	37,1000	37,1000	37,1000			37,1000					
Warrant	NL0010215976	DAX 8118SPLOPENG	EUR	34,1500	34,1500	34,1500			34,1500					
Warrant	NL0010359915	DAX 8240SPLOPENG	EUR	32,9300	32,9300	32,9300			32,9300					
Warrant	NL0010360830	DAX 8364SPLOPENG	EUR	31,6900	31,6900	31,6900			31,6900					
Warrant	NL0010360764	DAX 8370SPLOPENG	EUR	33,9500	33,9500	33,9500			33,9500					
Warrant	NL0010466132	DAX 8489SPLOPENG	EUR	30,4400	30,4400	30,4400			30,4400					
Warrant	NL0010465514	DAX 8540SPLOPENG	EUR	32,3200	32,3200	32,3200			32,3200					
Warrant	NL0010467742	DAX 8616SPLOPENG	EUR	29,1600	29,1600	29,1600			29,1600					
Warrant	NL0010468914	DAX 8710SPLOPENG	EUR	30,6600	30,6600	30,6600			30,6600					
Warrant	NL0010468906	DAX 8746SPLOPENG	EUR	27,8700	27,8700	27,8700			27,8700					
Warrant	NL0010526083	DAX 8877SPLOPENG	EUR	26,5600	26,5600	26,5600			26,5600					
Warrant	NL0010526406	DAX 8890SPLOPENG	EUR	28,9700	28,9700	28,9700			28,9700					
Warrant	NL0010829685	DAX 9060SPLOPENG	EUR	27,2400	27,2400	27,2400			27,2400					
Warrant	NL0010829842	DAX 9101SPLOPENG	EUR	24,3300	24,3300	24,3300			24,3300					
Warrant	NL0011619531	DAX 9160SPLOPENG	EUR	26,3600	26,3600	26,3600			26,3600					
Warrant	NL0011619929	DAX 9238SPLOPENG	EUR	22,9500	22,9500	22,9500			22,9500					
Warrant	NL0011620596	DAX 9322SPLOPENG	EUR											
Warrant	NL0011619911	DAX 9331SPLOPENG	EUR	22,0200	22,0200	22,0200			22,0200					
Warrant	NL0011619523	DAX 9340SPLOPENG	EUR	24,5700	24,5700	24,5700			24,5700					
Warrant	NL0011619903	DAX 9378SPLOPENG	EUR	22,6900	22,7400	21,2900	8972,8300	17	21,6000	407				
Warrant	NL0011619895	DAX 9424SPLOPENG	EUR	21,1300	21,1300	21,1300			21,1300					
Warrant	NL0011620414	DAX 9519SPLOPENG	EUR	20,1900	20,1900	20,1900			20,1900					
Warrant	NL0011620281	DAX 9530SPLOPENG	EUR	22,7500	22,7500	22,7500			22,7500					
Warrant	NL0011622576	DAX 9567SPLOPENG	EUR	19,7100	19,7100	19,7100			19,7100					
Warrant	NL0011845078	DAX 9614SPLOPENG	EUR	19,2800	19,2800	19,2800			19,2800					
Warrant	NL0011847223	DAX 9620SPLOPENG	EUR	21,8300	21,8300	21,8300			21,8300					
Warrant	NL0011847272	DAX 9663SPLOPENG	EUR	18,8000	18,8000	18,8000			18,8000					
Warrant	NL0011847264	DAX 9711SPLOPENG	EUR	18,3200	18,3200	18,3200			18,3200					
Warrant	NL0011847215	DAX 9720SPLOPENG	EUR	20,8900	20,8900	20,8900			20,8900					
Warrant	NL0011847793	DAX 9759SPLOPENG	EUR	17,8400	17,8400	17,8400			17,8400					



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	NL0011847785	DAX 9808SPLOPENG	EUR	17,3500	17,3500	17,3500			17,3500					
Warrant	NL0011847777	DAX 9857SPLOPENG	EUR	16,8600	16,8600	16,8600			16,8600					
Warrant	NL0011847769	DAX 9906SPLOPENG	EUR	16,3700	16,3700	16,3700			16,3700					
Warrant	NL0011847678	DAX 9910SPLOPENG	EUR	19,0000	19,0000	19,0000			19,0000					
Warrant	NL0011848254	DAX 9955SPLOPENG	EUR	15,8700	15,8700	15,8700			15,8700					
Warrant	NL0011848247	DAX 10055SPLOPENG	EUR	14,8800	14,8800	14,8800			14,8800					
Warrant	NL0011848239	DAX 10106SPLOPENG	EUR	14,3700	14,3700	14,3700			14,3700					
Warrant	NL0011848114	DAX 10110SPLOPENG	EUR	18,2400	18,2400	17,0700	4560,0000	1	17,0700	250				
Warrant	NL0011848486	DAX 10156SPLOPENG	EUR	13,8700	13,8700	13,8700			13,8700					
Warrant	NL0011848601	DAX 10207SPLOPENG	EUR	13,3600	13,3600	13,3600			13,3600					
Warrant	NL0011848858	DAX 10210SPLOPENG	EUR	16,1200	16,1200	16,1200			16,1200					
Warrant	NL0011849203	DAX 10258SPLOPENG	EUR	12,9300	12,9300	12,9300			12,9300					
Warrant	NL0011849393	DAX 10360SPLOPENG	EUR	11,8900	11,8900	11,8900			11,8900					
Warrant	NL0011851779	DAX 10404SPLOPENG	EUR											
Warrant	NL0011849559	DAX 10412SPLOPENG	EUR	11,3700	11,3700	11,3700			11,3700					
Warrant	NL0011849765	DAX 10420SPLOPENG	EUR	14,1000	14,1000	14,1000			14,1000					
Warrant	NL0011853676	DAX 10456SPLOPENG	EUR											
Warrant	NL0011853734	DAX 10460SPLOPENG	EUR											
Warrant	NL0011849542	DAX 10464SPLOPENG	EUR	10,8500	10,8500	10,8500			10,8500					
Warrant	NL0011853858	DAX 10508SPLOPENG	EUR											
Warrant	NL0011859301	DAX 10516SPLOPENG	EUR	11,6300	11,6300	10,3300	80049,9700	11	10,3300	7258				
Warrant	NL0011859285	DAX 10520SPLOPENG	EUR	13,0900	13,0900	13,0900			13,0900					
Warrant	NL0011859947	DAX 10567SPLOPENG	EUR	9,8200	9,8200	9,8200			9,8200					
Warrant	NL0011859939	DAX 10673SPLOPENG	EUR	8,7600	8,7600	8,7600			8,7600					
Warrant	NL0011862131	DAX 10726SPLOPENG	EUR	8,2200	8,2200	8,2200			8,2200					
Warrant	NL0011859582	DAX 10730SPLOPENG	EUR	11,0500	11,0500	11,0500			11,0500					
Warrant	NL0011862123	DAX 10780SPLOPENG	EUR	9,1900	9,1900	7,6900	183,8000	1	7,6900	20				
Warrant	NL0011862396	DAX 10943SPLOPENG	EUR	6,1000	6,1000	6,1000			6,1000					
Warrant	NL0011862388	DAX 10997SPLOPENG	EUR	6,6400	6,6400	5,5600	199,2000	1	5,5600	30				
Warrant	NL0011862370	DAX 11052SPLOPENG	EUR	6,0600	6,5500	5,0000	59018,2500	16	5,0000	9911				
Warrant	NL0011862834	DAX 11060SPLOPENG	EUR	7,9300	7,9300	7,9300			7,9300					
Warrant	NL0011862768	DAX 11103SPLOPENG	EUR											
Warrant	NL00118634139	DAX 11108SPLOPENG	EUR	5,5500	5,5500	4,4400	3087,0000	2	4,4400	600				
Warrant	NL0011862750	DAX 11158SPLOPENG	EUR											
Warrant	NL00118634121	DAX 11163SPLOPENG	EUR	5,0300	5,4000	3,9000	936,2000	4	3,9000	190				
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	NL0012834089	DAX 11484SPLOPENG	EUR											
Warrant	NL0012063580	DAX 11490SPLOPENG	EUR											
Warrant	NL0012062251	DAX 11491SPLOPENG	EUR											
Warrant	NL0012832935	DAX 11495SPLOPENG	EUR											
Warrant	NL0012833610	DAX 11540SPLOPENG	EUR											
Warrant	NL0012062400	DAX 11547SPLOPENG	EUR											
Warrant	NL0012833628	DAX 11598SPLOPENG	EUR											
Warrant	NL0012064547	DAX 11600SPLOPENG	EUR											
Warrant	NL0012833511	DAX 11656SPLOPENG	EUR	0,8100	0,9000	0,7500	4166,5000	5	0,7500	4950				
Warrant	NL0012834030	DAX 11660SPLOPENG	EUR											
Warrant	NL0012062533	DAX 11663SPLOPENG	EUR											
Warrant	NL0012833529	DAX 11715SPLOPENG	EUR	1,1700	2,3800	0,9900	4260,1100	15	2,3200	2839				
Warrant	NL0012065023	DAX 11720SPLOPENG	EUR											
Warrant	NL0012063010	DAX 11721SPLOPENG	EUR											
Warrant	NL0012833537	DAX 11774SPLOPENG	EUR	1,8800	2,9200	1,2700	13965,0000	4	2,9200	7000				
Warrant	NL0012064836	DAX 11779SPLOPENG	EUR											
Warrant	NL0012832489	DAX 11786SPLOPENG	EUR											
Warrant	NL0012833545	DAX 11833SPLOPENG	EUR	3,5100	3,5100	3,5100			3,5100					
Warrant	NL0012478069	DAX 11838SPLOPENG	EUR											
Warrant	NL0012065841	DAX 11840SPLOPENG	EUR											
Warrant	NL0012478648	DAX 11881SPLOPENG	EUR											
Warrant	NL0012832497	DAX 11892SPLOPENG	EUR	2,9300	4,1000	2,8700	64642,3400	5	4,1000	21978				
Warrant	NL0012830210	DAX 11897SPLOPENG	EUR											
Warrant	NL0012833321	DAX 11900SPLOPENG	EUR	7,5900	7,5900	7,5900			7,5900					
Warrant	NL0012478630	DAX 11940SPLOPENG	EUR											
Warrant	NL0012822852	DAX 11940SPLOPENG	EUR											
Warrant	NL0012830517	DAX 11956SPLOPENG	EUR											
Warrant	NL0012478622	DAX 11998SPLOPENG	EUR											
Warrant	NL0012832505	DAX 12012SPLOPENG	EUR	4,2300	5,3600	4,2300	976,5000	4	5,3000	200				
Warrant	NL0012830657	DAX 12016SPLOPENG	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	NL001283339	DAX 12020SPSOPENG	EUR	8,8300	8,8300	8,8300			8,8300					
Warrant	NL0012478614	DAX 12058SPLOPENG	EUR											
Warrant	NL0012822845	DAX 12060SPLOPENG	EUR											
Warrant	NL0012830640	DAX 12076SPLOPENG	EUR											
Warrant	NL0012479331	DAX 12118SPLOPENG	EUR											
Warrant	NL0012830632	DAX 12136SPLOPENG	EUR											
Warrant	NL0012822837	DAX 12160SPLOPENG	EUR											
Warrant	NL0012823447	DAX 12167SPLOPENG	EUR											
Warrant	NL0012828958	DAX 12169SPSOPENG	EUR											
Warrant	NL0012827778	DAX 12178SPLOPENG	EUR											
Warrant	NL0012829204	DAX 12180SPSOPENG	EUR											
Warrant	NL0012823439	DAX 12228SPLOPENG	EUR											
Warrant	NL0012828966	DAX 12229SPSOPENG	EUR											
Warrant	NL0012828347	DAX 12239SPLOPENG	EUR											
Warrant	NL0012823884	DAX 12280SPLOPENG	EUR											
Warrant	NL0012823645	DAX 12289SPLOPENG	EUR											
Warrant	NL0012828974	DAX 12290SPSOPENG	EUR											
Warrant	NL0012829212	DAX 12310SPSOPENG	EUR											
Warrant	NL0012824585	DAX 12349SPLOPENG	EUR											
Warrant	NL0012828982	DAX 12351SPSOPENG	EUR											
Warrant	NL0012824924	DAX 12400SPLOPENG	EUR											
Warrant	NL0012824577	DAX 12410SPLOPENG	EUR											
Warrant	NL0012828990	DAX 12413SPSOPENG	EUR											
Warrant	NL0012829006	DAX 12441SPSOPENG	EUR	8,6500	9,5900	8,1500	343235,2400	38	9,5900	39128				
Warrant	NL0012824569	DAX 12472SPLOPENG	EUR											
Warrant	NL0012827406	DAX 12495SPSOPENG	EUR											
Warrant	NL0012829014	DAX 12504SPSOPENG	EUR	10,2200	10,2200	10,2200				10,2200				
Warrant	NL0012825681	DAX 12527SPLOPENG	EUR											
Warrant	NL0012825632	DAX 12530SPLOPENG	EUR											
Warrant	NL0012829022	DAX 12567SPSOPENG	EUR	9,9900	10,8500	9,1000	6779,5000	6	10,8500	716				
Warrant	NL0012067300	DAX 12577SPSOPENG	EUR											
Warrant	NL0011194345	DAX 12600SPSOPENG	EUR											
Warrant	NL0012829030	DAX 12630SPSOPENG	EUR	11,4800	11,4800	11,4800				11,4800				
Warrant	NL0012067656	DAX 12640SPSOPENG	EUR											
Warrant	NL0012826762	DAX 12693SPSOPENG	EUR	12,1100	12,1100	12,1100				12,1100				
Warrant	NL0012826770	DAX 12757SPSOPENG	EUR	12,7500	12,7500	12,7500				12,7500				
Warrant	NL0012822233	DAX 12821SPSOPENG	EUR	13,4700	13,4700	13,4700				13,4700				
Warrant	NL0012822241	DAX 12886SPSOPENG	EUR	14,0400	14,0400	14,0400				14,0400				
Warrant	NL0012822258	DAX 12950SPSOPENG	EUR	14,6800	14,6800	14,6800				14,6800				
Warrant	NL0012822266	DAX 13015SPSOPENG	EUR	15,3400	15,3400	15,3400				15,3400				
Warrant	NL0012826283	DAX 13030SPSOPENG	EUR	19,2000	19,2000	19,2000				19,2000				
Warrant	NL0012471874	DAX 13081SPSOPENG	EUR	15,9700	15,9700	15,9700				15,9700				
Warrant	NL0012471882	DAX 13147SPSOPENG	EUR	16,6500	16,6500	16,6500				16,6500				
Warrant	NL0012471890	DAX 13213SPSOPENG	EUR	17,3100	17,3100	17,3100				17,3100				
Warrant	NL0012471270	DAX 13277SPSOPENG	EUR	18,0500	18,0500	18,0500				18,0500				
Warrant	NL0012820351	DAX 13290SPSOPENG	EUR	21,9300	21,9300	21,9300				21,9300				
Warrant	NL0012471288	DAX 13344SPSOPENG	EUR	18,7200	18,7200	18,7200				18,7200				
Warrant	NL0012463533	DAX 13410SPSOPENG	EUR	19,3800	19,3800	19,3800				19,3800				
Warrant	NL0012464242	DAX 13430SPSOPENG	EUR	23,3100	23,3100	23,3100				23,3100				
Warrant	NL0012464150	DAX 13477SPSOPENG	EUR	20,0500	20,0500	20,0500				20,0500				
Warrant	NL0012464168	DAX 13545SPSOPENG	EUR	20,7300	20,7300	20,7300				20,7300				
Warrant	NL0012464564	DAX 13612SPSOPENG	EUR	21,4000	21,4000	21,4000				21,4000				
Warrant	NL0012464572	DAX 13680SPSOPENG	EUR	21,9900	21,9900	21,9900				21,9900				
Warrant	NL0012464580	DAX 13749SPSOPENG	EUR	22,6700	22,6700	22,6700				22,6700				
Warrant	NL0012470082	DAX 13818SPSOPENG	EUR	23,3600	23,3600	23,3600				23,3600				
Warrant	NL0012470439	DAX 13830SPSOPENG	EUR	27,5000	27,5000	27,5000				27,5000				
Warrant	NL0012470744	DAX 13888SPSOPENG	EUR	24,0600	24,0600	24,0600				24,0600				
Warrant	NL0012470751	DAX 13957SPSOPENG	EUR	24,7500	24,7500	24,7500				24,7500				
Warrant	NL0012470769	DAX 14027SPSOPENG	EUR	25,4500	25,4500	25,4500				25,4500				
Warrant	NL0012823892	DAX 14110SPSOPENG	EUR	30,3700	30,3700	30,3700				30,3700				
Warrant	NL0012823090	DBANK 9SPLOPENG	EUR											
Warrant	NL0011615497	DBANK 18SPSOPENG	EUR	11,0000	11,0000	10,8800				10,8800				
Warrant	NL0011855648	DBANK 5.9SPLOPENG	EUR	3,7700	3,8800	3,7700				3,8800				
Warrant	NL0011850193	DBANK 7.4SPLOPENG	EUR	2,4100	2,5200	2,4100	486,0000	1	2,5200	200				
Warrant	NL0011856216	DBANK 8.3SPLOPENG	EUR	1,6000	1,7200	1,6000				1,7200				
Warrant	NL0012824122	DBANK 9.8SPLOPENG	EUR											
Warrant	NL0012826192	DBANK 10.7SPLOPENG	EUR											
Warrant	NL0012820658	DBANK 11.2SPSOPENG	EUR	3,4800	3,4800	3,3600				3,3600				
Warrant	NL0012477798	DBANK 12.6SPSOPENG	EUR	5,0400	5,0400	4,9200				4,9200				
Warrant	NL0012476329	DBANK 14.2SPSOPENG	EUR	6,8000	6,8000	6,6800				6,6800				
Warrant	DE000CV8AJK3	DDD 13C 1218Z	EUR	1,1700	1,1700	1,1700				1,1700				
Warrant	DE000CV8AJL1	DDD 14C 0319Z	EUR	1,6500	1,6500	1,6500				1,6500				



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	DE000CV8AM11	DDD 14C 1218Z	EUR	0,8350	0,8350	0,8350			0,8350					
Warrant	DE000CV8ASL2	DDD 18C 1218Z	EUR	0,2350	0,2350	0,2350			0,2350					
Warrant	DE000CV8ASN8	DDD 19C 0319Z	EUR	0,6750	0,6750	0,6750			0,6750					
Warrant	DE000CV8ASMO	DDD 20C 1218Z	EUR	0,1450	0,1450	0,1450			0,1450					
Warrant	DE000CV8AVV5	DDD 22C 1218Z	EUR	0,0920	0,0920	0,0920			0,0920					
Warrant	NL0009878198	DJBKS 85SPLOPENG	EUR	6,6500	6,6500	6,6200			6,6200					
Warrant	NL0011849096	DJBKS 101SPLOPENG	EUR	5,1800	5,1800	5,1500			5,1500					
Warrant	NL0011851290	DJBKS 109SPLOPENG	EUR	4,3700	4,3700	4,3400			4,3400					
Warrant	NL0011853098	DJBKS 119SPLOPENG	EUR	3,4900	3,4900	3,4600			3,4600					
Warrant	NL0011857883	DJBKS 129SPLOPENG	EUR	2,5500	2,5500	2,5100			2,5100					
Warrant	NL0011862883	DJBKS 139SPLOPENG	EUR											
Warrant	NL0012064588	DJBKS 151SPLOPENG	EUR											
Warrant	NL0011359484	DJBKS 188SPSOPENG	EUR											
Warrant	NL0010601126	DJBKS 191SPSOPENG	EUR	5,1900	5,2200	5,1900			5,2200					
Warrant	NL0011208228	DJBKS 201SPSOPENG	EUR	6,3100	6,3400	6,3100			6,3400					
Warrant	NL0011304696	DJBKS 213SPSOPENG	EUR	7,4700	7,5000	7,4700			7,5000					
Warrant	NL0006429060	DIIND 5690SPLOPENG	EUR	172,7500	172,7500	172,7500			172,7500					
Warrant	NL0009112192	DIIND 7730SPLOPENG	EUR	155,4200	155,4200	155,4200			155,4200					
Warrant	NL0009371376	DIIND 8990SPLOPENG	EUR	144,6700	144,6700	144,6700			144,6700					
Warrant	NL0009881259	DIIND 9410SPLOPENG	EUR	141,0700	141,0700	141,0700			141,0700					
Warrant	NL0009882273	DIIND10290SPLOPENG	EUR	133,5700	133,5700	133,5700			133,5700					
Warrant	NL0010103719	DIIND11630SPLOPENG	EUR	122,1200	122,1200	122,1200			122,1200					
Warrant	NL0010348173	DIIND13080SPLOPENG	EUR	109,7200	109,7200	109,7200			109,7200					
Warrant	NL0010353702	DIIND13864SPLOPENG	EUR	99,7000	99,7000	99,7000			99,7000					
Warrant	NL0010543880	DIIND14683SPLOPENG	EUR	92,4900	92,4900	92,4900			92,4900					
Warrant	NL0010544607	DIIND15021SPLOPENG	EUR	89,5200	89,5200	89,5200			89,5200					
Warrant	NL0010544268	DIIND15030SPLOPENG	EUR	93,1600	93,1600	93,1600			93,1600					
Warrant	NL0010586087	DIIND15366SPLOPENG	EUR	86,5000	86,5000	86,5000			86,5000					
Warrant	NL0011363775	DIIND15450SPLOPENG	EUR	85,7600	85,7600	85,7600			85,7600					
Warrant	NL0011363767	DIIND15535SPLOPENG	EUR	85,0100	85,0100	85,0100			85,0100					
Warrant	NL0011619937	DIIND15636SPLOPENG	EUR	84,1300	84,1300	84,1300			84,1300					
Warrant	NL0011620034	DIIND15737SPLOPENG	EUR	83,2400	83,2400	83,2400			83,2400					
Warrant	NL0011620422	DIIND15941SPLOPENG	EUR	81,4400	81,4400	81,4400			81,4400					
Warrant	NL0011620620	DIIND16152SPLOPENG	EUR	79,5800	79,5800	79,5800			79,5800					
Warrant	NL0011621891	DIIND16361SPLOPENG	EUR	77,7500	77,7500	77,7500			77,7500					
Warrant	NL0011622196	DIIND16380SPLOPENG	EUR	81,6500	81,6500	81,6500			81,6500					
Warrant	NL0011622584	DIIND16467SPLOPENG	EUR	76,8200	76,8200	76,8200			76,8200					
Warrant	NL0011491006	DIIND16635SPSOPENG	EUR											
Warrant	NL0011623731	DIIND16680SPLOPENG	EUR	74,9500	74,9500	74,9500			74,9500					
Warrant	NL0011622311	DIIND16730SPLOPENG	EUR	78,6300	78,6300	78,6300			78,6300					
Warrant	NL0011624143	DIIND16788SPLOPENG	EUR	74,0100	74,0100	74,0100			74,0100					
Warrant	NL0011625207	DIIND16896SPLOPENG	EUR	73,0600	73,0600	73,0600			73,0600					
Warrant	NL0011625454	DIIND17004SPLOPENG	EUR	72,1000	72,1000	72,1000			72,1000					
Warrant	NL0011625512	DIIND17090SPLOPENG	EUR	75,5700	75,5700	75,5700			75,5700					
Warrant	NL0011625827	DIIND17114SPLOPENG	EUR	71,1400	71,1400	71,1400			71,1400					
Warrant	NL0011626106	DIIND17334SPLOPENG	EUR	69,2000	69,2000	69,2000			69,2000					
Warrant	NL0011634209	DIIND17350SPLOPENG	EUR											
Warrant	NL0011845680	DIIND17556SPLOPENG	EUR	67,3000	67,3000	67,3000			67,3000					
Warrant	NL0011846043	DIIND17781SPLOPENG	EUR	65,3300	65,3300	65,3300			65,3300					
Warrant	NL0011845953	DIIND17830SPLOPENG	EUR	69,2900	69,2900	69,2900			69,2900					
Warrant	NL0011847819	DIIND17893SPLOPENG	EUR	64,3600	64,3600	64,3600			64,3600					
Warrant	NL0011847801	DIIND18006SPLOPENG	EUR	63,3700	63,3700	63,3700			63,3700					
Warrant	NL0011849211	DIIND18097SPLOPENG	EUR											
Warrant	NL0011848262	DIIND18121SPLOPENG	EUR	62,3700	62,3700	62,3700			62,3700					
Warrant	NL0011859608	DIIND18200SPLOPENG	EUR	66,1200	66,1200	66,1200			66,1200					
Warrant	NL0011852363	DIIND18205SPLOPENG	EUR											
Warrant	NL0011859962	DIIND18346SPLOPENG	EUR	60,4100	60,4100	60,4100			60,4100					
Warrant	NL0011859954	DIIND18462SPLOPENG	EUR	59,4000	59,4000	59,4000			59,4000					
Warrant	NL0011859590	DIIND18580SPLOPENG	EUR	62,8500	62,8500	62,8500			62,8500					
Warrant	NL0011860150	DIIND18695SPLOPENG	EUR	57,3400	57,3400	57,3400			57,3400					
Warrant	NL0011861083	DIIND18813SPLOPENG	EUR	56,3100	56,3100	56,3100			56,3100					
Warrant	NL0011028774	DIIND18834SPSOPENG	EUR											
Warrant	NL0011861471	DIIND18931SPLOPENG	EUR	55,2700	55,2700	55,2700			55,2700					
Warrant	NL0011861463	DIIND19050SPLOPENG	EUR	54,2300	54,2300	54,2300			54,2300					
Warrant	NL0011862792	DIIND19166SPLOPENG	EUR	53,2100	53,2100	53,2100			53,2100					
Warrant	NL0011862784	DIIND19286SPLOPENG	EUR	52,1600	52,1600	52,1600			52,1600					
Warrant	NL0011862271	DIIND19370SPLOPENG	EUR	56,1400	56,1400	56,1400			56,1400					
Warrant	NL0011862776	DIIND19407SPLOPENG	EUR	51,0900	51,0900	51,0900			51,0900					
Warrant	NL0012061923	DIIND19651SPLOPENG	EUR	48,9500	48,9500	48,9500			48,9500					
Warrant	NL0012064554	DIIND19770SPLOPENG	EUR	52,6800	52,6800	52,6800			52,6800					
Warrant	NL0012063457	DIIND19774SPLOPENG	EUR	47,8800	47,8800	47,8800			47,8800					
Warrant	NL0012065452	DIIND20022SPLOPENG	EUR	45,6900	45,6900	45,6900			45,6900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012065650	DJIND201475PLOPENG	EUR	44,5900	44,5900	44,5900			44,5900					
Warrant	NL0012066070	DJIND203995PLOPENG	EUR	42,3800	42,3800	42,3800			42,3800					
Warrant	NL0012069199	DJIND206005PLOPENG	EUR	45,6000	45,6000	45,6000			45,6000					
Warrant	NL0012066369	DJIND206545PLOPENG	EUR	40,1400	40,1400	40,1400			40,1400					
Warrant	NL0012066534	DJIND207835PLOPENG	EUR	39,0400	39,0400	39,0400			39,0400					
Warrant	NL0012070957	DJIND209125PLOPENG	EUR	37,8700	37,8700	37,8700			37,8700					
Warrant	NL0012073720	DJIND210415PLOPENG	EUR	36,7400	36,7400	36,7400			36,7400					
Warrant	NL0012074074	DJIND213005PLOPENG	EUR	34,4600	34,4600	34,4600			34,4600					
Warrant	NL0012076061	DJIND214265PLOPENG	EUR	33,3600	33,3600	33,3600			33,3600					
Warrant	NL0012074108	DJIND214605PLOPENG	EUR	38,2900	38,2900	38,2900			38,2900					
Warrant	NL0012076566	DJIND215585PLOPENG	EUR	32,1900	32,1900	32,1900			32,1900					
Warrant	NL0012077093	DJIND216915PLOPENG	EUR	31,0700	31,0700	31,0700			31,0700					
Warrant	NL0012077481	DJIND218255PLOPENG	EUR	29,8500	29,8500	29,8500			29,8500					
Warrant	NL0012079925	DJIND219005PLOPENG	EUR	34,5400	34,5400	34,5400			34,5400					
Warrant	NL0012077473	DJIND219595PLOPENG	EUR	28,6800	28,6800	28,6800			28,6800					
Warrant	NL0012080774	DJIND220945PLOPENG	EUR	27,4800	27,4800	27,4800			27,4800					
Warrant	NL0012081160	DJIND222305PLOPENG	EUR	26,2900	26,2900	26,2900			26,2900					
Warrant	NL0012081004	DJIND223505PLOPENG	EUR	30,7200	30,7200	30,7200			30,7200					
Warrant	NL0012462592	DJIND226415PLOPENG	EUR	22,6800	22,6800	22,6800			22,6800					
Warrant	NL0012463228	DJIND227815PLOPENG	EUR	21,4500	21,4500	21,4500			21,4500					
Warrant	NL0012463749	DJIND228005PLOPENG	EUR	26,8200	26,8200	26,8200			26,8200					
Warrant	NL0012463541	DJIND229245PLOPENG	EUR	20,1900	20,1900	20,1900			20,1900					
Warrant	NL0012463699	DJIND230655PLOPENG	EUR	18,9600	18,9600	18,9600			18,9600					
Warrant	NL0012463681	DJIND232065PLOPENG	EUR	17,7200	17,7200	17,7200			17,7200					
Warrant	NL0012464929	DJIND233485PLOPENG	EUR	16,4700	16,4700	16,4700			16,4700					
Warrant	NL0012466536	DJIND234905PLOPENG	EUR	15,2100	15,2100	15,2100			15,2100					
Warrant	NL0012466528	DJIND236345PLOPENG	EUR	13,9300	13,9600	13,9300	5572,0000	1	13,9600	400				
Warrant	NL0012472948	DJIND237405PLOPENG	EUR	18,8400	18,8400	18,8400			18,8400					
Warrant	NL0012819213	DJIND237775PLOPENG	EUR	12,7000	12,7000	12,7000			12,7000					
Warrant	NL0012819205	DJIND239215PLOPENG	EUR	11,4300	11,4300	11,4300			11,4300					
Warrant	NL0012819197	DJIND240665PLOPENG	EUR	13,7400	14,2500	10,1600	9085,5000	3	10,1600	650				
Warrant	NL0012822860	DJIND241505PLOPENG	EUR											
Warrant	NL0012823967	DJIND243485PLOPENG	EUR											
Warrant	NL0012824189	DJIND244925PLOPENG	EUR											
Warrant	NL0012824593	DJIND246325PLOPENG	EUR											
Warrant	NL0012823900	DJIND246405PLOPENG	EUR											
Warrant	NL0012825582	DJIND247805PLOPENG	EUR											
Warrant	NL0012825699	DJIND249215PLOPENG	EUR											
Warrant	NL0012827794	DJIND250485PLOPENG	EUR											
Warrant	NL0012826101	DJIND250605PLOPENG	EUR											
Warrant	NL0012832943	DJIND250725PLOPENG	EUR											
Warrant	NL0012827471	DJIND251305PLOPENG	EUR											
Warrant	NL0012827786	DJIND251995PLOPENG	EUR											
Warrant	NL0012828362	DJIND253505PLOPENG	EUR											
Warrant	NL0012828354	DJIND255025PLOPENG	EUR											
Warrant	NL0012828479	DJIND256405PLOPENG	EUR											
Warrant	NL0012471965	DJIND256515PSPOPENG	EUR											
Warrant	NL0012830228	DJIND256535PSPOPENG	EUR											
Warrant	NL0012472534	DJIND257405PSPOPENG	EUR											
Warrant	NL0012471973	DJIND257525PSPOPENG	EUR											
Warrant	NL0012830525	DJIND258075PSPOPENG	EUR											
Warrant	NL0012833636	DJIND258265PSPOPENG	EUR	2,1800	5,9500	1,3800	13737,0000	17	5,9500	5400				
Warrant	NL0012830665	DJIND259615PSPOPENG	EUR											
Warrant	NL0012833644	DJIND259815PSPOPENG	EUR	7,3200	7,3200	7,3200			7,3200					
Warrant	NL0012831408	DJIND261175PSPOPENG	EUR											
Warrant	NL0012833354	DJIND261385PSPOPENG	EUR	8,6900	8,6900	8,6900			8,6900					
Warrant	NL0012833362	DJIND262965PSPOPENG	EUR	10,0800	10,0800	10,0800			10,0800					
Warrant	NL0012469258	DJIND263085PSPOPENG	EUR											
Warrant	NL0012832950	DJIND264555PSPOPENG	EUR	11,4800	11,4800	11,4800			11,4800					
Warrant	NL0012470108	DJIND264685PSPOPENG	EUR											
Warrant	NL0012832968	DJIND266155PSPOPENG	EUR	12,8800	12,8800	12,8800			12,8800					
Warrant	NL0012470116	DJIND266295PSPOPENG	EUR											
Warrant	NL0012472542	DJIND267205PSPOPENG	EUR											
Warrant	NL0012832976	DJIND267755PSPOPENG	EUR	14,3000	14,3000	14,3000			14,3000					
Warrant	NL0012470124	DJIND267925PSPOPENG	EUR											
Warrant	NL0012471312	DJIND269325PSPOPENG	EUR	15,6700	15,6700	15,6700			15,6700					
Warrant	NL0012471320	DJIND270975PSPOPENG	EUR	13,6300	17,1200	13,6300	6815,0000	2	17,1200	500				
Warrant	NL0012470454	DJIND272205PSPOPENG	EUR	25,3500	25,3500	25,3500			25,3500					
Warrant	NL0012828511	DJIND272595PSPOPENG	EUR	18,5500	18,5500	18,5500			18,5500					
Warrant	NL0012830533	DJIND274235PSPOPENG	EUR	19,9900	19,9900	19,9900			19,9900					
Warrant	NL0012830673	DJIND275885PSPOPENG	EUR	21,4300	21,4300	21,4300			21,4300					
Warrant	NL0012830681	DJIND277535PSPOPENG	EUR	22,8900	22,8900	22,8900			22,8900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012470462	DIIND28330SPSOPENG	EUR	35,4600	35,4600	35,4600			35,4600					
Warrant	NL0012464895	DSM 67SPLOPENG	EUR	18,6600	19,0600	18,6600			19,0600					
Warrant	NL0006422289	DSM 0.5SPLOPENG	EUR	80,5000	80,9000	80,5000			80,9000					
Warrant	NL0006428831	DSM 4.6SPLOPENG	EUR	76,7200	77,1200	76,7200			77,1200					
Warrant	NL0009231604	DSM 12.9SPLOPENG	EUR	68,9900	69,3900	68,9900			69,3900					
Warrant	NL0009232297	DSM 15.3SPLOPENG	EUR	66,8400	67,2400	66,8400			67,2400					
Warrant	NL0009234004	DSM 17.8SPLOPENG	EUR	64,5000	64,9000	64,5000			64,9000					
Warrant	NL0009367135	DSM 20.3SPLOPENG	EUR	62,1200	62,5200	62,1200			62,5200					
Warrant	NL0009881325	DSM 22.9SPLOPENG	EUR	59,7200	60,1200	59,7200			60,1200					
Warrant	NL0009906791	DSM 28.5SPLOPENG	EUR	54,4700	54,8700	54,4700			54,8700					
Warrant	NL0010212437	DSM 31.4SPLOPENG	EUR	51,8500	52,2500	51,8500			52,2500					
Warrant	NL0011011630	DSM 32.1SPLOPENG	EUR	49,1600	49,5600	49,1600			49,5600					
Warrant	NL0010215877	DSM 34.4SPLOPENG	EUR	49,0400	49,4400	49,0400			49,4400					
Warrant	NL0011629258	DSM 43.5SPLOPENG	EUR	40,5700	40,9700	40,5700			40,9700					
Warrant	NL0011846324	DSM 46.9SPLOPENG	EUR	37,4300	37,8300	37,4300			37,8300					
Warrant	NL0011848643	DSM 50.5SPLOPENG	EUR	34,0700	34,4700	34,0700			34,4700					
Warrant	NL0012068050	DSM 54.3SPLOPENG	EUR	30,5100	30,9100	30,5100			30,9100					
Warrant	NL0012833768	DSM 71.7SPLOPENG	EUR	1,4500	1,4900	1,4500			1,4900					
Warrant	NL0012819379	DSM 76.8SPLOPENG	EUR											
Warrant	NL0012833776	DSM 79.4SPSOPENG	EUR											
Warrant	NL0012826150	DSM 82.2SPLOPENG	EUR											
Warrant	NL0012832349	DSM 87.2SPSOPENG	EUR	1,3700	1,3700	1,3300			1,3300					
Warrant	NL0012828461	DSM 87.8SPLOPENG	EUR											
Warrant	NL0012831218	DSM 87.9SPLOPENG	EUR											
Warrant	NL0012826341	DSM 100.4SPSOPENG	EUR	2,0500	2,0500	2,0100			2,0100					
Warrant	NL0011373006	DSM 30.23SPLOPENG	EUR	51,0300	51,4300	51,0300			51,4300					
Warrant	NL0010683074	DSM 34.16SPLOPENG	EUR	47,1100	47,5100	47,1100			47,5100					
Warrant	NL0011624077	DSM 40.46SPLOPENG	EUR	40,8200	41,2200	40,8200			41,2200					
Warrant	NL0011843677	DSM 45.12SPLOPENG	EUR	36,1400	36,5400	36,1400			36,5400					
Warrant	NL0011847975	DSM 50.23SPLOPENG	EUR	31,0400	31,4400	31,0400			31,4400					
Warrant	NL0012063739	DSM 52.94SPLOPENG	EUR	28,3300	28,7300	28,3300			28,7300					
Warrant	NL0012065171	DSM 55.78SPLOPENG	EUR	25,4800	25,8800	25,4800			25,8800					
Warrant	NL0012067557	DSM 58.78SPLOPENG	EUR	22,5500	22,9500	22,5500			22,9500					
Warrant	NL0011852975	DSM 60.46SPLOPENG	EUR											
Warrant	NL0012078612	DSM 61.84SPLOPENG	EUR	19,4300	19,8300	19,4300			19,8300					
Warrant	NL0012461933	DSM 65.05SPLOPENG	EUR	16,2200	16,6200	16,2200			16,6200					
Warrant	NL0012462915	DSM 68.41SPLOPENG	EUR	12,8600	13,6000	12,8600	811,0000	2	13,2600		60			
Warrant	NL0012464846	DSM 71.94SPLOPENG	EUR	9,3300	9,7500	9,2400	4420,5000	4	9,7300		460			
Warrant	NL0012466197	DSM 75.61SPLOPENG	EUR											
Warrant	NL0012832851	DSM 79.39SPLOPENG	EUR											
Warrant	NL0012479679	DSM 79.45SPLOPENG	EUR											
Warrant	NL0012833909	DSM 81.14SPSOPENG	EUR	0,1200	0,1200	0,1200			0,1200					
Warrant	NL0012822670	DSM 83.48SPLOPENG	EUR											
Warrant	NL0012832109	DSM 87.26SPSOPENG	EUR	0,7400	0,7400	0,7000			0,7000					
Warrant	NL0012826333	DSM 87.53SPLOPENG	EUR											
Warrant	NL0012830095	DSM 87.65SPLOPENG	EUR											
Warrant	NL0012824791	DSM 88.19SPLOPENG	EUR											
Warrant	NL0012819486	DSM 93.84SPSOPENG	EUR	13,2700	13,2700	12,8700			12,8700					
Warrant	NL0010939245	EBAY 6.5SPLOPENG	EUR	20,5300	20,5300	20,5300			20,5300					
Warrant	NL0011304332	EBAY 23.1SPLOPENG	EUR	7,0200	7,0200	7,0200			7,0200					
Warrant	NL0010097705	ENGIE 7.1SPLOPENG	EUR	5,4500	5,4500	5,3700			5,3700					
Warrant	NL0009766021	ENGIE 8.2SPLOPENG	EUR	4,4100	4,4100	4,3300			4,3300					
Warrant	NL0012061410	ENGIE 8.8SPLOPENG	EUR	3,8700	3,8700	3,7900			3,7900					
Warrant	NL0010217501	ENGIE 9.5SPLOPENG	EUR	3,2100	3,2100	3,1300			3,1300					
Warrant	NL0012075493	ENGIE 10.9SPLOPENG	EUR	1,9600	1,9600	1,8800			1,8800					
Warrant	NL0011204110	ENGIE 15.2SPSOPENG	EUR	4,5400	4,6100	4,5400			4,6100					
Warrant	NL0011024393	ENX 27SPLOPENG	EUR	31,1100	31,7600	31,1100			31,7600					
Warrant	NL0011371141	EON 4.6SPLOPENG	EUR	4,4100	4,4600	4,4100			4,4600					
Warrant	NL0011369756	EON 5.1SPLOPENG	EUR	3,9600	4,0000	3,9600			4,0000					
Warrant	NL0011373998	EON 5.6SPLOPENG	EUR	3,4800	3,5200	3,4800			3,5200					
Warrant	XS1748853030	ESTX STN0123B	EUR	91,3500	91,3500	91,3500			91,3500					
Warrant	XS1173152825	ESTX STN0220G	EUR	103,7400	103,7400	103,3400			103,3400					
Warrant	XS0914667166	ESTX STN0520G	EUR	110,9700	111,3300	110,9700			111,3300					
Warrant	XS1302980799	ESTX STN1020G	EUR	102,6400	103,0000	102,6400			103,0000					
Warrant	NL0006426546	ESTX 7705PLOPENG	EUR	24,7200	24,7200	24,7200			24,7200					
Warrant	NL0006420747	ESTX 1090SPLOPENG	EUR	21,5600	21,5600	21,5600			21,5600					
Warrant	NL0009105162	ESTX 1380SPLOPENG	EUR	18,7800	18,7800	18,7800			18,7800					
Warrant	NL0009880137	ESTX 1580SPLOPENG	EUR	16,9000	16,9000	16,9000			16,9000					
Warrant	NL0010205019	ESTX 1930SPLOPENG	EUR	13,5000	13,5000	13,5000			13,5000					
Warrant	NL0010208005	ESTX 2060SPLOPENG	EUR	12,2500	12,2500	12,2500			12,2500					
Warrant	NL0010355285	ESTX 2072SPLOPENG	EUR	11,5200	11,5200	11,5200			11,5200					
Warrant	NL0010343927	ESTX 2190SPLOPENG	EUR	10,9400	10,9400	10,9400			10,9400					



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
Warrant	NL0010466157	ESTX 2236SPLOPENG	EUR	9,8800	9,8800	9,8800			9,8800					
Warrant	NL0010468385	ESTX 2320SPLOPENG	EUR	9,0600	9,0600	9,0600			9,0600					
Warrant	NL0010527826	ESTX 2405SPLOPENG	EUR	8,2000	8,2000	8,2000			8,2000					
Warrant	NL0010529566	ESTX 2450SPLOPENG	EUR	8,4800	8,4800	8,4800			8,4800					
Warrant	NL0010536975	ESTX 2494SPLOPENG	EUR	7,3000	7,3000	7,3000			7,3000					
Warrant	NL0011619572	ESTX 2530SPLOPENG	EUR	7,6800	7,6800	7,6800			7,6800					
Warrant	NL0011619945	ESTX 2549SPLOPENG	EUR	6,7500	6,7500	6,7500			6,7500					
Warrant	NL0011849229	ESTX 2632SPLOPENG	EUR	5,8900	5,8900	5,8900			5,8900					
Warrant	NL0011851480	ESTX 2718SPLOPENG	EUR	5,0700	5,0700	5,0700			5,0700					
Warrant	NL0011853122	ESTX 2805SPLOPENG	EUR	4,1400	4,1400	4,1400			4,1400					
Warrant	NL0011853767	ESTX 2810SPLOPENG	EUR	4,9500	4,9500	4,9500			4,9500					
Warrant	NL0011862404	ESTX 2896SPLOPENG	EUR	3,2900	3,2900	3,2900			3,2900					
Warrant	NL0012061477	ESTX 2960SPLOPENG	EUR	3,4900	3,4900	3,4900			3,4900					
Warrant	NL0011862974	ESTX 2988SPLOPENG	EUR	2,3600	2,3600	2,3600			2,3600					
Warrant	NL0012062541	ESTX 3084SPLOPENG	EUR	1,7700	1,7700	1,4200	5310,0000	1	1,4200	3000				
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 3334SPSOPENG	EUR	1,3200	1,3200	1,3200			1,3200					
Warrant	NL0012824627	ESTX 3374SPLOPENG	EUR											
Warrant	NL0012832224	ESTX 3430SPSOPENG	EUR	3,3600	3,3600	3,3600			3,3600					
Warrant	NL0012832562	ESTX 3437SPSOPENG	EUR	2,3500	2,3500	2,3500			2,3500					
Warrant	NL0012829758	ESTX 3449SPSOPENG	EUR											
Warrant	NL0012070551	ESTX 3543SPSOPENG	EUR	3,4200	3,4200	3,4200			3,4200					
Warrant	NL0011206305	ESTX 3590SPSOPENG	EUR											
Warrant	NL0011193420	ESTX 3620SPSOPENG	EUR	5,2300	5,2300	5,2300			5,2300					
Warrant	NL0012071559	ESTX 3655SPSOPENG	EUR	4,5300	4,5300	4,5300			4,5300					
Warrant	NL0011304688	ESTX 3730SPSOPENG	EUR	6,4500	6,4500	6,4500			6,4500					
Warrant	NL0012073316	ESTX 3769SPSOPENG	EUR	5,6700	5,6700	5,6700			5,6700					
Warrant	NL0012463616	ESTX 3885SPSOPENG	EUR	6,8400	6,8400	6,8400			6,8400					
Warrant	NL0012075162	ESTX 3930SPSOPENG	EUR	8,2300	8,4700	8,2300	24690,0000	1	8,4700	3000				
Warrant	XS1423752903	ESTX 4.915TN0621G	EUR	107,2500	107,2500	107,1300			107,1300					
Warrant	NL0012466643	ESTX 4005SPSOPENG	EUR	8,0400	8,0400	8,0400			8,0400					
Warrant	NL0011017934	EUCHF 1.085PLOPENG	EUR	7,4600	7,4600	7,4600			7,4600					
Warrant	NL0012827851	EUCHF 1.125PLOPENG	EUR											
Warrant	NL0011013487	EUCHF0.9775PLOPENG	EUR	16,2800	16,2800	16,2800			16,2800					
Warrant	NL0011012224	EUCHF0.9975PLOPENG	EUR	14,5800	14,5800	14,5800			14,5800					
Warrant	NL0010969143	EUCHF1.0175PLOPENG	EUR	12,8400	12,8400	12,8400			12,8400					
Warrant	NL0010969135	EUCHF1.0385PLOPENG	EUR	11,0600	11,0600	11,0600			11,0600					
Warrant	NL0011017132	EUCHF1.0585PLOPENG	EUR	9,2800	9,2800	9,2800			9,2800					
Warrant	NL0012072870	EUCHF1.1015PLOPENG	EUR	5,6100	5,6100	5,6100			5,6100					
Warrant	NL0012076905	EUCHF1.1415PLOPENG	EUR											
Warrant	NL0012820492	EUCHF1.1645SPSOPENG	EUR	3,9900	3,9900	3,9900			3,9900					
Warrant	NL0009620442	EUCHF1.1885SPSOPENG	EUR	6,1200	6,1200	6,1200			6,1200					
Warrant	NL0012467898	EUCHF1.2115SPSOPENG	EUR	8,2400	8,2400	8,2400			8,2400					
Warrant	NL0011487673	EUGBP 0.775PLOPENG	EUR	14,2100	14,2100	14,2100			14,2100					
Warrant	NL0011204490	EUGBP0.7035PLOPENG	EUR	21,6400	21,6400	21,6400			21,6400					
Warrant	NL0011027792	EUGBP0.7255PLOPENG	EUR	19,2000	19,2000	19,2000			19,2000					
Warrant	NL0011016282	EUGBP0.7475PLOPENG	EUR	16,7100	16,7100	16,7100			16,7100					
Warrant	NL0011492160	EUGBP0.7935PLOPENG	EUR	11,6300	11,6300	11,6300			11,6300					
Warrant	NL0011844840	EUGBP0.8415PLOPENG	EUR	6,2500	6,2500	6,2500			6,2500					
Warrant	NL0011846076	EUGBP0.8665PLOPENG	EUR	3,4300	3,4300	3,4300			3,4300					
Warrant	NL0012466650	EUGBP0.8955SPSOPENG	EUR											
Warrant	NL0011856810	EUGBP0.9215SPSOPENG	EUR	7,0800	7,0800	7,0800			7,0800					
Warrant	NL0011857123	EUGBP0.9495SPSOPENG	EUR	10,2800	10,2800	10,2800			10,2800					
Warrant	NL0011857347	EUGBP0.9845SPSOPENG	EUR	14,3500	14,3500	14,3500			14,3500					
Warrant	NL0011858725	EUIPY 108SPLOPENG	EUR	18,0700	18,0700	18,0700			18,0700					
Warrant	NL0011847058	EUIPY 112SPLOPENG	EUR	15,5400	15,5400	15,5400			15,5400					
Warrant	NL0010215604	EUIPY 1155SPLOPENG	EUR	12,9300	12,9300	12,9300			12,9300					
Warrant	NL0011860366	EUIPY 1185SPLOPENG	EUR	10,3100	10,3100	10,3100			10,3100					
Warrant	NL0011862198	EUIPY 1205PLOPENG	EUR											
Warrant	NL0012827034	EUIPY 1225PLOPENG	EUR	7,6200	7,6200	7,6200			7,6200					
Warrant	NL0010345732	EUIPY 1245PLOPENG	EUR											
Warrant	NL0012074744	EUIPY 1255PLOPENG	EUR											
Warrant	NL0012827844	EUIPY 1265PLOPENG	EUR	4,8400	4,8400	4,8400			4,8400					
Warrant	NL0012824692	EUIPY 1295PLOPENG	EUR											
Warrant	NL0012829972	EUIPY 1295SPLOPENG	EUR											
Warrant	NL0012476022	EUIPY 1335SPSOPENG	EUR											
Warrant	NL0010963674	EUIPY 1375SPSOPENG	EUR	8,7600	8,7600	8,7600			8,7600					
Warrant	NL0010594255	EUIPY 1405SPSOPENG	EUR	10,9900	10,9900	10,9900			10,9900					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010597480	EUJPY 142SPSOPENG	EUR	13,2000	13,2000	13,2000			13,2000					
Warrant	NL0010946653	EUJPY 145SPSOPENG	EUR	15,4600	15,4600	15,4600			15,4600					
Warrant	NL0010949699	EUJPY 148SPSOPENG	EUR	17,7700	17,7700	17,7700			17,7700					
Warrant	NL0011616107	EUNOK10.165PSOPENG	EUR	8,8100	8,8100	8,8100			8,8100					
Warrant	NL0010220356	EUNOK8.223SPLOPENG	EUR	15,4600	15,4600	15,4600			15,4600					
Warrant	NL0009910736	EUNOK8.477SPLOPENG	EUR	12,8400	12,8400	12,8400			12,8400					
Warrant	NL0010465266	EUNOK8.732SPLOPENG	EUR	10,2300	10,2300	10,2300			10,2300					
Warrant	NL0010468542	EUNOK8.994SPLOPENG	EUR	7,5300	7,5300	7,5300			7,5300					
Warrant	NL0012080378	EUNOK9.263SPLOPENG	EUR	4,7600	4,7600	4,7600			4,7600					
Warrant	NL0012064786	EUNOK9.433SPSOPENG	EUR											
Warrant	NL0012069017	EURAU 1.48SPLOPENG	EUR	8,5100	8,5100	8,5100			8,5100					
Warrant	NL0012823421	EURAU 1.57SPLOPENG	EUR	2,9400	2,9400	2,9400			2,9400					
Warrant	NL0012066013	EURAU1.394SPLOPENG	EUR	13,8500	13,8500	13,8500			13,8500					
Warrant	NL0010203212	EURAU1.437SPLOPENG	EUR	11,1800	11,1800	11,1800			11,1800					
Warrant	NL0012466841	EURAU1.524SPLOPENG	EUR	5,7700	5,7700	5,7700			5,7700					
Warrant	NL0010592663	EURAU1.673SPSOPENG	EUR	7,8700	7,8700	7,8700			7,8700					
Warrant	NL0010597969	EURAU1.706SPSOPENG	EUR	10,0200	10,0200	10,0200			10,0200					
Warrant	NL0011364039	EURAU1.757SPSOPENG	EUR	13,3200	13,3200	13,3200			13,3200					
Warrant	NL0011618418	EUUSD 1.1SPLOPENG	EUR											
Warrant	NL0012822431	EUUSD 1.25SPSOPENG	EUR	7,6400	7,6400	7,6400			7,6400					
Warrant	NL0012064760	EUUSD 0.96SPLOPENG	EUR	17,3500	17,3500	17,3500			17,3500					
Warrant	NL0012061865	EUUSD 0.97SPLOPENG	EUR	16,5100	16,5100	16,5100			16,5100					
Warrant	NL0011861570	EUUSD 1.07SPLOPENG	EUR	6,1300	6,1300	6,1300			6,1300					
Warrant	NL0011861562	EUUSD 1.08SPLOPENG	EUR	5,1800	5,1800	5,1800			5,1800					
Warrant	NL0012480933	EUUSD 1.23SPSOPENG	EUR	8,1700	8,1700	8,1700			8,1700					
Warrant	NL0011627641	EUUSD0.961SPLOPENG	EUR	17,2500	17,2500	17,2500			17,2500					
Warrant	NL0012068639	EUUSD1.014SPLOPENG	EUR	11,4900	11,4900	11,0500	1149,0000	1	11,0500	100				
Warrant	NL0012061857	EUUSD1.049SPLOPENG	EUR	7,9900	7,9900	7,9900			7,9900					
Warrant	NL0011861588	EUUSD1.059SPLOPENG	EUR	7,0600	7,0600	7,0600			7,0600					
Warrant	NL0011862222	EUUSD1.066SPLOPENG	EUR	8,2700	8,2700	8,2700			8,2700					
Warrant	NL0011483656	EUUSD1.085SPLOPENG	EUR											
Warrant	NL0011483144	EUUSD1.091SPLOPENG	EUR	4,2400	4,2400	4,2400			4,2400					
Warrant	NL0011481619	EUUSD1.096SPLOPENG	EUR	5,6900	5,6900	5,6900			5,6900					
Warrant	NL0012069520	EUUSD1.096SPSOPENG	EUR											
Warrant	NL0011206313	EUUSD1.102SPLOPENG	EUR	3,3100	3,3100	3,3100			3,3100					
Warrant	NL0011617212	EUUSD1.106SPLOPENG	EUR											
Warrant	NL0011205620	EUUSD1.107SPLOPENG	EUR	4,7100	4,7100	4,7100			4,7100					
Warrant	NL0012063002	EUUSD1.113SPLOPENG	EUR	2,3100	2,3100	2,3100			2,3100					
Warrant	NL0012063366	EUUSD1.118SPLOPENG	EUR	3,7600	3,7600	3,7600			3,7600					
Warrant	NL0012068621	EUUSD1.124SPLOPENG	EUR	1,2100	1,2800	1,2100	4960,0000	3	1,2800	4000				
Warrant	NL0012070486	EUUSD1.129SPLOPENG	EUR	2,7900	2,7900	2,7900			2,7900					
Warrant	NL0012070742	EUUSD1.135SPLOPENG	EUR											
Warrant	NL0012071260	EUUSD1.136SPLOPENG	EUR											
Warrant	NL0012072862	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	NL0012833578	EUUSD1.158SPSOPENG	EUR	1,8100	1,8100	1,8100			1,8100					
Warrant	NL0012834105	EUUSD1.164SPSOPENG	EUR	4,4200	4,4200	4,4200			4,4200					
Warrant	NL0012830566	EUUSD1.165SPLOPENG	EUR											
Warrant	NL0012826838	EUUSD1.168SPSOPENG	EUR											
Warrant	NL0012831911	EUUSD1.169SPSOPENG	EUR	2,8400	2,8400	2,8400			2,8400					
Warrant	NL0012826895	EUUSD1.175SPSOPENG	EUR											
Warrant	NL0012822100	EUUSD1.181SPSOPENG	EUR											
Warrant	NL0012831465	EUUSD1.181SPSOPENG	EUR	3,8900	3,8900	3,8900			3,8900					
Warrant	NL0012825723	EUUSD1.188SPSOPENG	EUR	6,5600	6,5600	6,5600			6,5600					
Warrant	NL0012820500	EUUSD1.193SPSOPENG	EUR	4,9500	4,9500	4,9500			4,9500					
Warrant	NL0012818934	EUUSD1.205SPSOPENG	EUR	6,0100	6,0100	6,0100			6,0100					
Warrant	NL0012819536	EUUSD1.212SPSOPENG	EUR	8,7400	8,7400	8,7400			8,7400					
Warrant	NL0012481121	EUUSD1.218SPSOPENG	EUR	7,0900	7,0900	7,0900			7,0900					
Warrant	NL0012819031	EUUSD1.224SPSOPENG	EUR	9,8400	9,8400	9,8400			9,8400					
Warrant	NL0012480859	EUUSD1.243SPSOPENG	EUR	9,2800	9,2800	9,2800			9,2800					
Warrant	NL0012474852	EUUSD1.255SPSOPENG	EUR	10,4100	10,4100	10,4100			10,4100					
Warrant	NL0010820270	EUUSD1.262SPSOPENG	EUR	13,2200	13,2200	13,2200			13,2200					
Warrant	NL0010816880	EUUSD1.268SPSOPENG	EUR	11,5500	11,5500	11,5500			11,5500					
Warrant	NL0010816674	EUUSD1.275SPSOPENG	EUR	14,3600	14,3600	14,3600			14,3600					
Warrant	NL0010814257	EUUSD1.281SPSOPENG	EUR	12,6900	12,6900	12,6900			12,6900					
Warrant	NL0010813200	EUUSD1.294SPSOPENG	EUR	13,8400	13,8400	13,8400			13,8400					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010755807	EUUSD1.3075SPSOPENG	EUR	14,9600	14,9600	14,9600			14,9600					
Warrant	NL0010742177	EUUSD1.3345SPSOPENG	EUR	17,3400	17,3400	17,3400			17,3400					
Warrant	NL0009757434	EUUSD1.3415SPSOPENG	EUR	20,3400	20,3400	20,3400			20,3400					
Warrant	NL0010542510	EUUSD1.3485SPSOPENG	EUR	18,5300	18,5300	18,5300			18,5300					
Warrant	NL0009231521	EUUSD1.3555SPSOPENG	EUR	21,5200	21,5200	21,5200			21,5200					
Warrant	NL0012471247	EUUSD1.3615SPSOPENG	EUR	19,6800	19,6800	19,6800			19,6800					
Warrant	NL0009234681	EUUSD1.3945SPSOPENG	EUR	25,0700	25,0700	25,0700			25,0700					
Warrant	NL0009234731	EUUSD1.4385SPSOPENG	EUR	28,9800	28,9800	28,9800			28,9800					
Warrant	NL0010685731	EUUSD1.4525SPSOPENG	EUR	30,2600	30,2600	30,2600			30,2600					
Warrant	NL0011206354	EXXON 63SPLOPENG	EUR	2,0200	2,0200	2,0200			2,0200					
Warrant	NL0010754057	FBOOK 71SPLOPENG	EUR	75,1000	75,1000	75,1000			75,1000					
Warrant	NL0011362421	FBOOK 87SPLOPENG	EUR	62,3300	62,3300	62,3300			62,3300					
Warrant	NL0011627096	FBOOK 114SPLOPENG	EUR	4,0900	4,0900	4,0900			4,0900					
Warrant	DE000CJ3N9V0	FBOOK 165C 0319Z	EUR	0,2850	0,2850	0,2850			0,2850					
Warrant	DE000CJ3N9U2	FBOOK 165C 1218Z	EUR	0,0810	0,0810	0,0810			0,0810					
Warrant	DE000CV8AK54	FBOOK 180C 0319Z	EUR	0,1250	0,1250	0,1250			0,1250					
Warrant	DE000CV8AK47	FBOOK 180C 1218Z	EUR	0,0270	0,0270	0,0270			0,0270					
Warrant	DE000CV8AK62	FBOOK 200C 0319Z	EUR	0,0400	0,0400	0,0400			0,0400					
Warrant	DE000CV8APP9	FBOOK 200C 1218Z	EUR	0,0200	0,0200	0,0200			0,0200					
Warrant	NL0010215331	FBOOK 25.95PLOPENG	EUR	111,1500	111,1500	111,1500			111,1500					
Warrant	NL0010529012	FBOOK 33.55PLOPENG	EUR	105,0500	105,0500	105,0500			105,0500					
Warrant	NL0011366455	FBOOK 93.15PLOPENG	EUR	57,4700	57,4700	57,4700			57,4700					
Warrant	NL0011617725	FBOOK102.85PLOPENG	EUR	41,6700	41,6700	41,6700			41,6700					
Warrant	NL0011625306	FBOOK106.65PLOPENG	EUR	4,6700	4,6700	4,6700			4,6700					
Warrant	NL0011622675	FBOOK111.15PLOPENG	EUR	34,3200	34,3200	34,3200			34,3200					
Warrant	NL0011630710	FBOOK116.75PLOPENG	EUR	3,0700	3,0700	3,0700			3,0700					
Warrant	NL0010677035	FBOOK60.01SPLOPENG	EUR	79,2400	79,2400	79,2400			79,2400					
Warrant	NL0010756284	FBOOK72.99SPLOPENG	EUR	67,8300	67,8300	67,8300			67,8300					
Warrant	NL0010756276	FBOOK76.66SPLOPENG	EUR	64,6200	64,6200	64,6200			64,6200					
Warrant	NL0011365382	FBOOK88.75SPLOPENG	EUR	53,9900	53,9900	53,9900			53,9900					
Warrant	DE000CJ3N9X6	FMOTR 9C 0319Z	EUR	0,7350	0,7350	0,7350			0,7350					
Warrant	DE000CV8AM45	FMOTR 10C 1218Z	EUR	0,1450	0,1450	0,1450			0,1450					
Warrant	DE000CV8AK70	FMOTR 11C 1218Z	EUR	0,0490	0,0490	0,0490			0,0490					
Warrant	DE000CJ3N9W8	FMOTR 8.9C 1218Z	EUR	0,5950	0,5950	0,5950			0,5950					
Warrant	DE000CV8AY25	FMOTR 9.5C 1218Z	EUR	0,2850	0,2850	0,2850			0,2850					
Warrant	DE000CV8AM52	FMOTR 10.5C 1218Z	EUR	0,0810	0,0810	0,0810			0,0810					
Warrant	NL0006423832	FUGRO 6.85PLOPENG	EUR	5,0800	5,0800	5,0000			5,0000					
Warrant	NL0010944492	FUGRO 8.95PLOPENG	EUR	3,1700	3,1700	3,0900			3,0900					
Warrant	NL0010944484	FUGRO 9.55PLOPENG	EUR	2,6100	2,7300	2,5100	5422,2000	3	2,5100	2040				
Warrant	NL0012829345	FUGRO 10.15PLOPENG	EUR											
Warrant	NL0010944476	FUGRO 10.15PLOPENG	EUR											
Warrant	NL0012479547	FUGRO 10.85PLOPENG	EUR											
Warrant	NL0012831135	FUGRO 10.95PLOPENG	EUR											
Warrant	NL0012827927	FUGRO 11.65PLOPENG	EUR											
Warrant	NL0012829097	FUGRO 11.85SPSOPENG	EUR											
Warrant	NL0012832307	FUGRO 12.25SPSOPENG	EUR	2,4700	2,5200	2,4700			2,5200					
Warrant	NL0012829352	FUGRO 12.25SPSOPENG	EUR											
Warrant	NL0012827208	FUGRO 13.45SPSOPENG	EUR	3,8100	3,8600	3,8100			3,8600					
Warrant	NL0012071146	FUGRO 14.75SPSOPENG	EUR	5,2600	5,3200	5,2600			5,3200					
Warrant	NL0011844725	FUGRO 16.25SPSOPENG	EUR	6,9100	6,9700	6,9100			6,9700					
Warrant	NL0012829220	FUGRO 8.645PLOPENG	EUR	2,7500	2,7500	2,6800			2,6800					
Warrant	NL0012078604	FUGRO 9.085PLOPENG	EUR	2,3100	2,3500	2,2300	235,0000	1	2,2300	100				
Warrant	NL0012078216	FUGRO 9.545PLOPENG	EUR	1,8500	1,9200	1,7700	192,0000	1	1,7700	100				
Warrant	NL0012077895	FUGRO10.015PLOPENG	EUR											
Warrant	NL0012829782	FUGRO10.035PLOPENG	EUR	1,3600	1,3600	1,2900			1,2900					
Warrant	NL0012829774	FUGRO10.525PLOPENG	EUR											
Warrant	NL0012478770	FUGRO10.525PLOPENG	EUR											
Warrant	NL0012834295	FUGRO10.555PLOPENG	EUR	0,8400	0,8400	0,7700			0,7700					
Warrant	NL0012833834	FUGRO10.945SPSOPENG	EUR											
Warrant	NL0012829238	FUGRO10.985SPSOPENG	EUR											
Warrant	NL0012823736	FUGRO11.055PLOPENG	EUR											
Warrant	NL0012830814	FUGRO11.055PLOPENG	EUR											
Warrant	NL0012831838	FUGRO11.065PLOPENG	EUR											
Warrant	NL0012826713	FUGRO11.615PLOPENG	EUR											
Warrant	NL0012831820	FUGRO11.615PLOPENG	EUR											
Warrant	NL0012828131	FUGRO11.625PLOPENG	EUR											
Warrant	NL0012832695	FUGRO11.775SPSOPENG	EUR	0,8600	0,9200	0,8600	87,0000	1	0,9200	100				
Warrant	NL0012827414	FUGRO12.675SPSOPENG	EUR	1,7600	1,8200	1,7600			1,8200					
Warrant	NL0012824759	FUGRO12.735SPSOPENG	EUR											
Warrant	NL0012824221	FUGRO13.635SPSOPENG	EUR	2,7200	2,7700	2,7200			2,7700					
Warrant	NL0012073159	FUGRO14.675SPSOPENG	EUR	3,7500	3,8000	3,7500			3,8000					
Warrant	NL0012066567	FUGRO16.975SPSOPENG	EUR	6,0600	6,1100	6,0600			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
Warrant	NL0011630934	FUGRO18.27SPSOPENG	EUR	7,3600	7,4100	7,3600			7,4100					
Warrant	DE000CV89TR4	G1A 28C 0619Z	EUR	0,1850	0,1850	0,1850			0,1850					
Warrant	DE000CV89TQ6	G1A 32C 0619Z	EUR	0,0810	0,0810	0,0810			0,0810					
Warrant	DE000CV89TP8	G1A 40C 0619Z	EUR	0,0130	0,0130	0,0130			0,0130					
Warrant	NL0012827661	GAS 2.95SPLOPENG	EUR											
Warrant	NL0012462246	GAS 3.35SPSOPENG	EUR											
Warrant	NL0011374814	GAS 4.35SPSOPENG	EUR	1,3700	1,3700	1,3400			1,3400					
Warrant	NL0010963401	GAS 4.95SPSOPENG	EUR	1,9900	1,9900	1,9700			1,9700					
Warrant	NL0012473029	GAS 2.05SPLOPENG	EUR	1,2100	1,2400	1,2100			1,2400					
Warrant	NL0012467732	GAS 2.19SPLOPENG	EUR	1,0900	1,1300	1,0900			1,1300					
Warrant	NL0012467997	GAS 2.56SPLOPENG	EUR	0,7900	0,8200	0,7900			0,8200					
Warrant	NL0012476675	GAS 2.69SPLOPENG	EUR	0,6800	0,7200	0,6800			0,7200					
Warrant	NL0012827026	GAS 2.76SPLOPENG	EUR											
Warrant	NL0012829691	GAS 2.83SPLOPENG	EUR	0,5700	0,6000	0,5700			0,6000					
Warrant	NL0012831077	GAS 2.98SPLOPENG	EUR	0,4500	0,4800	0,4500			0,4800					
Warrant	NL0012477954	GAS 3.07SPSOPENG	EUR											
Warrant	NL0012831507	GAS 3.13SPLOPENG	EUR											
Warrant	NL0012831903	GAS 3.22SPLOPENG	EUR											
Warrant	NL0012066203	GAS 3.59SPSOPENG	EUR	0,6000	0,6000	0,5700			0,5700					
Warrant	NL0009111327	GBL 36.45PLOPENG	EUR	47,6800	47,9000	47,6800			47,9000					
Warrant	NL0010104246	GBL 40.35PLOPENG	EUR	44,0600	44,2800	44,0600			44,2800					
Warrant	NL0010207197	GBL 45.35PLOPENG	EUR	39,3800	39,6000	39,3800			39,6000					
Warrant	NL0010597985	GBL 56.35PLOPENG	EUR	29,1900	29,4100	29,1900			29,4100					
Warrant	NL0011850888	GBL 67.95PLOPENG	EUR	18,3800	18,6000	18,3800			18,6000					
Warrant	NL0011856844	GBPUS 1.25SPLOPENG	EUR	6,2400	6,2400	6,2400			6,2400					
Warrant	NL0010542247	GBPUS 1.62SPSOPENG	EUR	31,5300	31,5300	31,5300			31,5300					
Warrant	NL0011857040	GBPUS 1.212SPLOPENG	EUR	9,4700	9,4700	9,4700			9,4700					
Warrant	NL0012068787	GBPUS 1.276SPLOPENG	EUR											
Warrant	NL0012829717	GBPUS 1.284SPLOPENG	EUR											
Warrant	NL0012823413	GBPUS 1.349SPSOPENG	EUR	7,2300	7,2300	7,2300			7,2300					
Warrant	NL0012481493	GBPUS 1.391SPSOPENG	EUR	10,9800	10,9800	10,9800			10,9800					
Warrant	NL0010964243	GBPUS 1.403SPLOPENG	EUR											
Warrant	NL0012471197	GBPUS 1.434SPSOPENG	EUR	14,8500	14,8500	14,8500			14,8500					
Warrant	NL0011479696	GBPUS 1.479SPSOPENG	EUR	18,8300	18,8300	18,8300			18,8300					
Warrant	NL0010944336	GBPUS 1.525SPSOPENG	EUR	22,9500	22,9500	22,9500			22,9500					
Warrant	NL0010816260	GBPUS 1.572SPSOPENG	EUR	27,1600	27,1600	27,1600			27,1600					
Warrant	NL0010597506	GBPUS 1.669SPSOPENG	EUR	35,8700	35,8700	35,8700			35,8700					
Warrant	NL0010741112	GBPUS 1.719SPSOPENG	EUR	40,3500	40,3500	40,3500			40,3500					
Warrant	DE000CV8AKA2	GILEA 80C 0319Z	EUR	0,1450	0,1450	0,1450			0,1450					
Warrant	DE000CV8AK96	GILEA 80C 1218Z	EUR	0,0400	0,0400	0,0400			0,0400					
Warrant	DE000CV8AKB0	GILEA 90C 0319Z	EUR	0,0450	0,0450	0,0450			0,0450					
Warrant	DE000CV89557	GLPG 80C 1218Z	EUR	3,1000	3,1000	3,1000			3,1000					
Warrant	DE000CV89575	GLPG 88C 1218Z	EUR	1,8450	1,8450	1,8450			1,8450					
Warrant	DE000CV8B045	GLPG 90C 0319Z	EUR	1,1200	1,1200	1,1200			1,1200					
Warrant	NL0012826432	GLPG 93SPLOPENG	EUR											
Warrant	DE000CV8AMP6	GLPG 98C 1218Z	EUR	0,3900	0,3900	0,3900			0,3900					
Warrant	DE000CV8AMQ4	GLPG 100C 0319Z	EUR	0,6600	0,6600	0,6600			0,6600					
Warrant	DE000CJ3PJX1	GLPG 105C 0619Z	EUR	0,7800	0,7800	0,7800			0,7800					
Warrant	DE000CV8AQX1	GLPG 108C 1218Z	EUR	0,1600	0,1600	0,1600			0,1600					
Warrant	DE000CV8AQY9	GLPG 110C 0319Z	EUR	0,3950	0,3950	0,3950			0,3950					
Warrant	NL0011845383	GLPG 36.35PLOPENG	EUR	61,2200	61,2200	61,2200			61,2200					
Warrant	NL0011844139	GLPG 41.65PLOPENG	EUR	57,7500	57,7500	56,2000	30406,2500	7	56,4800	535				
Warrant	NL0011844121	GLPG 43.85PLOPENG	EUR	54,4700	54,4700	54,4700			54,4700					
Warrant	NL0011845391	GLPG 47.15PLOPENG	EUR	51,4800	51,4800	51,4800			51,4800					
Warrant	NL0011859525	GLPG 49.45PLOPENG	EUR	49,3400	49,3400	49,3400			49,3400					
Warrant	NL0012065239	GLPG 51.65PLOPENG	EUR	43,2900	43,2900	43,2900			43,2900					
Warrant	NL0011859517	GLPG 54.55PLOPENG	EUR	44,7200	44,7200	44,7200			44,7200					
Warrant	NL0012064141	GLPG 55.75PLOPENG	EUR	39,3100	39,3100	39,3100			39,3100					
Warrant	NL0012063341	GLPG 57.25PLOPENG	EUR	42,2400	42,2400	42,2400			42,2400					
Warrant	NL0012064125	GLPG 59.25PLOPENG	EUR	35,7300	35,7300	35,7300			35,7300					
Warrant	NL0012065221	GLPG 62.25PLOPENG	EUR	32,7500	32,7500	32,7500			32,7500					
Warrant	NL0012075774	GLPG 63.15PLOPENG	EUR	36,9100	36,9100	36,9100			36,9100					
Warrant	NL0012077937	GLPG 66.35PLOPENG	EUR	28,6900	28,6900	28,6900			28,6900					
Warrant	NL0012468078	GLPG 69.65PLOPENG	EUR	31,0200	31,0200	31,0200			31,0200					
Warrant	NL0012822761	GLPG 73.15PLOPENG	EUR	24,0000	24,1900	22,6100	21693,0000	4	22,6100	915				
Warrant	NL0012822720	GLPG 76.75PLOPENG	EUR	24,5400	24,5400	24,5400			24,5400					
Warrant	NL0012823843	GLPG 80.35PLOPENG	EUR											
Warrant	NL0012831713	GLPG 80.55PLOPENG	EUR	21,0500	21,0500	21,0500			21,0500					
Warrant	NL0012829873	GLPG 80.65PLOPENG	EUR	16,4000	16,4000	15,1000	831,8000	2	15,1000	52				
Warrant	NL0012827521	GLPG 84.35PLOPENG	EUR											
Warrant	NL0012831705	GLPG 84.55PLOPENG	EUR											
Warrant	NL0012825491	GLPG 88.45PLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012826572	GLPG 88.5SPLOPENG	EUR											
Warrant	NL0012833123	GLPG 88.75SPLOPENG	EUR											
Warrant	NL0012826747	GLPG 92.95SPLOPENG	EUR											
Warrant	NL0012826234	GLPG 92.95SPLOPENG	EUR											
Warrant	NL0012829568	GLPG 93.1SPLOPENG	EUR											
Warrant	NL0012827539	GLPG 93.45SPLOPENG	EUR											
Warrant	NL0012829550	GLPG 97.75SPLOPENG	EUR											
Warrant	NL0012825509	GLPG 97.85SPLOPENG	EUR											
Warrant	NL0012471221	GLPG 104.45SPLOPENG	EUR											
Warrant	NL0012829576	GLPG 108.55SPLOPENG	EUR	26,6500	26,6500	26,6500			26,6500					
Warrant	NL0012829881	GLPG 112.85SPLOPENG	EUR	20,3400	20,3400	20,3400			20,3400					
Warrant	NL0012078240	GLPG 69.61SPLOPENG	EUR	26,1300	26,2800	25,3500	3327,9500	3	25,3500	127				
Warrant	NL0012822753	GLPG 76.77SPLOPENG	EUR	20,5000	20,5000	18,7500	2081,7500	4	18,9500	105				
Warrant	NL0012823942	GLPG 80.41SPLOPENG	EUR											
Warrant	NL0012824270	GLPG 84.43SPLOPENG	EUR											
Warrant	NL0012829865	GLPG 84.56SPLOPENG	EUR											
Warrant	NL0012832869	GLPG 84.62SPLOPENG	EUR											
Warrant	NL0012834337	GLPG 84.64SPLOPENG	EUR	12,8000	12,8000	10,3300	3415,1900	6	11,0700	293				
Warrant	NL0012825145	GLPG 88.54SPLOPENG	EUR											
Warrant	NL0012826440	GLPG 88.59SPLOPENG	EUR											
Warrant	NL0012829857	GLPG 88.79SPLOPENG	EUR											
Warrant	NL0012833214	GLPG 88.85SPLOPENG	EUR											
Warrant	NL0012825863	GLPG 92.95SPLOPENG	EUR											
Warrant	NL0012829840	GLPG 93.21SPLOPENG	EUR											
Warrant	NL0012831895	GLPG 93.44SPLOPENG	EUR											
Warrant	NL0012827752	GLPG 95.01SPLOPENG	EUR											
Warrant	NL0012829832	GLPG 97.82SPLOPENG	EUR											
Warrant	NL0012462345	GMLTO 30.95PLOPENG	EUR	21,6800	21,6800	21,6800			21,6800					
Warrant	NL0012469712	GMLTO 40.65PLOPENG	EUR	12,7800	12,7800	12,7800			12,7800					
Warrant	NL0012473177	GMLTO 46.45PLOPENG	EUR	7,2900	7,2900	7,2900			7,2900					
Warrant	NL0011366471	GMLTO 65.85SPLOPENG	EUR	20,7900	20,7900	20,7700			20,7700					
Warrant	NL0012463509	GMLTO27.38SPLOPENG	EUR	23,3600	23,3600	23,3600			23,3600					
Warrant	NL0012462956	GMLTO30.32SPLOPENG	EUR	20,4100	20,4100	20,4100			20,4100					
Warrant	NL0012467054	GMLTO31.85SPLOPENG	EUR	19,0000	19,0000	19,0000			19,0000					
Warrant	NL0012470892	GMLTO47.12SPLOPENG	EUR	3,7300	3,7300	3,7300			3,7300					
Warrant	NL0012832125	GMLTO51.92SPLOPENG	EUR	1,9500	1,9500	1,9300			1,9300					
Warrant	NL0012063044	GMLTO52.59SPLOPENG	EUR											
Warrant	NL0012071807	GMLTO52.86SPLOPENG	EUR											
Warrant	NL0012072581	GMLTO55.84SPLOPENG	EUR	5,7400	5,7400	5,7200			5,7200					
Warrant	NL0006408544	GOLD 7705PLOPENG	EUR	42,5200	42,5500	42,5200			42,5500					
Warrant	NL0006408551	GOLD 835SPLOPENG	EUR	37,0600	37,0800	37,0600			37,0800					
Warrant	NL0006408569	GOLD 899SPLOPENG	EUR	31,6100	31,6100	31,6000			31,6000					
Warrant	NL0012827562	GOLD 918SPLOPENG	EUR	30,0000	30,0000	29,9800			29,9800					
Warrant	NL0012827570	GOLD 953SPLOPENG	EUR	27,0000	27,0000	26,9700			26,9700					
Warrant	NL0006423535	GOLD 984SPLOPENG	EUR	24,3800	24,3800	24,3500			24,3500					
Warrant	NL0012827554	GOLD 994SPLOPENG	EUR	23,5700	23,5700	23,5300			23,5300					
Warrant	NL0012827547	GOLD 1019SPLOPENG	EUR	21,4200	21,4200	21,3800			21,3800					
Warrant	NL0011483169	GOLD 1024SPLOPENG	EUR	18,4900	18,4900	18,4400			18,4400					
Warrant	NL0011480074	GOLD 1045SPLOPENG	EUR	16,6600	16,6600	16,6100			16,6100					
Warrant	NL0006425571	GOLD 1046SPLOPENG	EUR	19,0900	19,0900	19,0400			19,0400					
Warrant	NL0011304779	GOLD 1066SPLOPENG	EUR	14,8000	14,8000	14,7300			14,7300					
Warrant	NL0009105469	GOLD 1084SPLOPENG	EUR	15,8700	15,8700	15,8100			15,8100					
Warrant	NL0011303797	GOLD 1088SPLOPENG	EUR	12,8900	12,8900	12,8200			12,8200					
Warrant	NL0011303789	GOLD 1110SPLOPENG	EUR	10,9600	10,9600	10,8800			10,8800					
Warrant	NL0011618392	GOLD 1119SPLOPENG	EUR	12,8600	12,8600	12,7900			12,7900					
Warrant	NL0009107663	GOLD 1122SPLOPENG	EUR	12,6600	12,6600	12,5900			12,5900					
Warrant	NL0010944815	GOLD 1133SPLOPENG	EUR	8,9700	8,9700	8,8900			8,8900					
Warrant	NL0011480942	GOLD 1144SPLOPENG	EUR	10,7600	10,7600	10,6800			10,6800					
Warrant	NL0011487533	GOLD 1156SPLOPENG	EUR	6,9800	7,0300	6,8900	703,0000	1	6,8900	100				
Warrant	NL0011488671	GOLD 1167SPLOPENG	EUR	8,8200	8,8200	8,7300			8,7300					
Warrant	NL0011493820	GOLD 1168SPLOPENG	EUR											
Warrant	NL0011493192	GOLD 1178SPLOPENG	EUR											
Warrant	NL0012827679	GOLD 1179SPLOPENG	EUR	4,9000	4,9000	4,8000			4,8000					
Warrant	NL0012827638	GOLD 1182SPLOPENG	EUR											
Warrant	NL0012831473	GOLD 1187SPLOPENG	EUR											
Warrant	NL0012832018	GOLD 1190SPLOPENG	EUR	6,8300	6,8300	6,7400			6,7400					
Warrant	NL0012062491	GOLD 1192SPLOPENG	EUR											
Warrant	NL0012832786	GOLD 1202SPLOPENG	EUR	2,8400	3,0000	2,7400	21342,0000	2	2,7400	7120				
Warrant	NL0012062798	GOLD 1202SPLOPENG	EUR											
Warrant	NL0012832653	GOLD 1214SPLOPENG	EUR	4,8100	4,8100	4,7100			4,7100					
Warrant	NL0012826978	GOLD 1220SPLOPENG	EUR											
Warrant	NL0011634399	GOLD 1227SPLOPENG	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	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	2,0000	2,1400	1,6600	107,4000	2	2,1400	60				
Warrant	NL0012825897	GOLD 1257SPSOPENG	EUR	5,6400	5,7700	5,6400			5,7700					
Warrant	NL0012826465	GOLD 1264SPSOPENG	EUR	2,9700	3,0900	2,9700	2156,0000	1	3,0900	700				
Warrant	NL0012822738	GOLD 1279SPSOPENG	EUR	4,2900	4,4200	4,2900			4,4200					
Warrant	NL0012822050	GOLD 1305SPSOPENG	EUR	6,5600	6,6900	6,5600			6,6900					
Warrant	NL0012819601	GOLD 1332SPSOPENG	EUR	8,8900	9,0300	8,8900			9,0300					
Warrant	NL0012480412	GOLD 1359SPSOPENG	EUR	11,2700	11,4200	11,2700			11,4200					
Warrant	NL0011850722	GOLD 1378SPSOPENG	EUR	16,5100	16,6800	16,5100			16,6800					
Warrant	NL0010358610	GOLD 1387SPSOPENG	EUR	13,5000	13,6600	13,5000			13,6600					
Warrant	NL0010358453	GOLD 1420SPSOPENG	EUR	20,3600	20,5400	20,3600			20,5400					
Warrant	NL0012079537	GOLD 1426SPSOPENG	EUR	17,1600	17,3400	17,1600			17,3400					
Warrant	NL0010357943	GOLD 1457SPSOPENG	EUR	23,6400	23,8400	23,6400			23,8400					
Warrant	NL0010209201	GOLD 1656SPSOPENG	EUR	37,0500	37,2900	37,0500			37,2900					
Warrant	NL0009765932	GOLD 1828SPSOPENG	EUR	57,1200	57,4300	57,1200			57,4300					
Warrant	NL0009876564	GOLD 1919SPSOPENG	EUR	65,3700	65,7100	65,3700			65,7100					
Warrant	NL0006427791	HEINK 95PLOPENG	EUR	71,8000	71,8000	71,1000			71,1000					
Warrant	NL0010689527	HEINK 45SPLOPENG	EUR	38,4100	38,4100	37,7100			37,7100					
Warrant	NL0009110154	HEINK 18.5SPLOPENG	EUR	63,0500	63,0500	62,3500			62,3500					
Warrant	NL0009766724	HEINK 26.45PLOPENG	EUR	55,7000	55,7000	55,0000			55,0000					
Warrant	NL0010085627	HEINK 36.25PLOPENG	EUR	46,6200	46,6200	45,9200			45,9200					
Warrant	NL0010202412	HEINK 38.45PLOPENG	EUR	44,5400	44,5400	43,8400			43,8400					
Warrant	NL0010812129	HEINK 48.65PLOPENG	EUR	35,0800	35,0800	34,3800			34,3800					
Warrant	NL0010830899	HEINK 52.45PLOPENG	EUR	31,5200	31,5200	30,8200			30,8200					
Warrant	NL0010968715	HEINK 56.55PLOPENG	EUR	27,7100	27,7100	27,0100			27,0100					
Warrant	NL0011016357	HEINK 60.95PLOPENG	EUR	23,6400	23,6400	22,9400			22,9400					
Warrant	NL0011362264	HEINK 65.55PLOPENG	EUR	19,3700	19,3700	18,6700			18,6700					
Warrant	NL0012069546	HEINK 77.35PLOPENG	EUR											
Warrant	NL0012474688	HEINK 80.55PLOPENG	EUR											
Warrant	NL0012825434	HEINK 86.55PLOPENG	EUR											
Warrant	NL0010679700	HEINK43.07SPLOPENG	EUR	37,5000	37,5000	36,8000	1851,0000	1	36,8000	50				
Warrant	NL0010689758	HEINK45.56SPLOPENG	EUR	35,0000	35,0000	34,3000			34,3000					
Warrant	NL0010743142	HEINK48.15SPLOPENG	EUR	32,4200	32,4200	31,7200			31,7200					
Warrant	NL0010813705	HEINK50.84SPLOPENG	EUR	29,7200	29,7200	29,0200			29,0200					
Warrant	NL0010940037	HEINK53.68SPLOPENG	EUR	26,8900	26,8900	26,1900			26,1900					
Warrant	NL0010967618	HEINK56.65SPLOPENG	EUR	23,9200	23,9200	23,2200			23,2200					
Warrant	NL0011011606	HEINK59.76SPLOPENG	EUR	20,8000	20,8000	20,1000			20,1000					
Warrant	NL0011022132	HEINK63.04SPLOPENG	EUR	17,5200	17,5200	16,8200			16,8200					
Warrant	NL0011363098	HEINK66.42SPLOPENG	EUR	14,1400	14,1400	13,4400			13,4400					
Warrant	NL0012065379	HEINK69.89SPLOPENG	EUR	10,7200	10,7200	10,0200			10,0200					
Warrant	NL0012066179	HEINK73.55SPLOPENG	EUR	7,0700	7,0700	6,3700	685,0000	1	6,3700	100				
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	HEINK91.27SPSOPENG	EUR	11,5700	12,2700	11,3500	263,2900	8	12,2700	22				
Warrant	NL0012469381	HEINK98.15SPSOPENG	EUR	18,5500	19,2500	18,5500			19,2500					
Warrant	NL0010466041	HENKE 54.65PLOPENG	EUR	45,9500	46,0500	45,9500			46,0500					
Warrant	NL0010458881	HENKE 59.35PLOPENG	EUR	41,6400	41,7400	41,6400			41,7400					
Warrant	NL0010458808	HENKE 66.15PLOPENG	EUR	35,2500	35,3500	35,2500			35,3500					
Warrant	NL0010526380	HENKE 71.35PLOPENG	EUR	30,4800	30,5800	30,4800			30,5800					
Warrant	NL0010946323	HENKE 78.25PLOPENG	EUR	24,0300	24,1300	24,0300			24,1300					
Warrant	NL0010953790	HENKE 85.85PLOPENG	EUR	16,9900	17,0900	16,9900			17,0900					
Warrant	NL0012825483	HENKE101.65PLOPENG	EUR											
Warrant	NL0011493523	HSCEI 6130SPLOPENG	EUR											
Warrant	NL0011491485	HSCEI 6510SPLOPENG	EUR											
Warrant	NL0011623467	HSCEI 6900SPLOPENG	EUR											
Warrant	NL0011623566	HSCEI 7300SPLOPENG	EUR											
Warrant	NL0011847231	HSCEI 7700SPLOPENG	EUR											
Warrant	NL0011849088	HSCEI 8130SPLOPENG	EUR											
Warrant	NL0011850003	HSCEI 8580SPLOPENG	EUR											
Warrant	NL0012064182	HSCEI 9050SPLOPENG	EUR											
Warrant	NL0012072433	HSCEI 9540SPLOPENG	EUR	1,8400	1,8400	1,7000			1,7000					
Warrant	NL0011488754	HSCEI 9540SPSOPENG	EUR											
Warrant	NL0012075915	HSCEI10010SPLOPENG	EUR											
Warrant	NL0012825640	HSCEI10510SPLOPENG	EUR											
Warrant	NL0012828032	HSCEI10520SPLOPENG	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	NL0012828040	HSCEI11120SPSOPENG	EUR	1,2200	1,3800	1,2200			1,3800					
Warrant	NL0012825657	HSCEI11710SPSOPENG	EUR	1,9100	2,0800	1,9100			2,0800					
Warrant	NL0012475719	HSCEI12330SPSOPENG	EUR	2,6400	2,8100	2,6400			2,8100					
Warrant	NL0012472971	HSCEI13000SPSOPENG	EUR	3,4300	3,6100	3,4300			3,6100					
Warrant	NL0012469787	HSCEI13710SPSOPENG	EUR	4,2600	4,4400	4,2600			4,4400					
Warrant	NL0012471114	HSCEI14420SPSOPENG	EUR	5,1000	5,2800	5,1000			5,2800					
Warrant	NL0006408130	HSI 4940SPLOPENG	EUR											
Warrant	NL0006429086	HSI 6880SPLOPENG	EUR											
Warrant	NL0009107994	HSI 11270SPLOPENG	EUR											
Warrant	NL0009881267	HSI 12130SPLOPENG	EUR											
Warrant	NL0009902261	HSI 13930SPLOPENG	EUR											
Warrant	NL0010098232	HSI 14900SPLOPENG	EUR											
Warrant	NL0010103727	HSI 15910SPLOPENG	EUR											
Warrant	NL0010208468	HSI 16950SPLOPENG	EUR											
Warrant	NL0011623558	HSI 17930SPLOPENG	EUR											
Warrant	NL0011845490	HSI 18930SPLOPENG	EUR	9,5600	9,5600	9,5600	3824,0000	1	9,5600	400				
Warrant	NL0011849997	HSI 19980SPLOPENG	EUR											
Warrant	NL0012064562	HSI 21070SPLOPENG	EUR											
Warrant	NL0012065874	HSI 22210SPLOPENG	EUR	6,0000	6,0000	6,0000	300,0000	1	6,0000	50				
Warrant	NL0012072417	HSI 23410SPLOPENG	EUR											
Warrant	NL0012075907	HSI 24600SPLOPENG	EUR											
Warrant	NL0012077721	HSI 25890SPLOPENG	EUR											
Warrant	NL0012828313	HSI 27200SPLOPENG	EUR											
Warrant	NL0012833347	HSI 27250SPSOPENG	EUR											
Warrant	NL0012462733	HSI 27280SPLOPENG	EUR											
Warrant	NL0012822027	HSI 30190SPSOPENG	EUR	6,4200	6,4200	6,4200	321,0000	1	6,4200	50				
Warrant	NL0012472963	HSI 31810SPSOPENG	EUR											
Warrant	NL0012469761	HSI 33530SPSOPENG	EUR											
Warrant	NL0009901933	IBEX 4010SPLOPENG	EUR	5,2000	5,2000	5,2000			5,2000					
Warrant	NL0010203337	IBEX 4330SPLOPENG	EUR	4,9600	4,9600	4,8900			4,8900					
Warrant	NL0010203733	IBEX 4670SPLOPENG	EUR	4,6500	4,6500	4,5800			4,5800					
Warrant	NL0010204335	IBEX 5030SPLOPENG	EUR	4,3100	4,3100	4,2400			4,2400					
Warrant	NL0010207106	IBEX 5790SPLOPENG	EUR	3,5700	3,5700	3,5000			3,5000					
Warrant	NL0010528964	IBEX 6600SPLOPENG	EUR	2,8200	2,8200	2,7500			2,7500					
Warrant	NL0010530408	IBEX 7030SPLOPENG	EUR	2,4100	2,4100	2,3400			2,3400					
Warrant	NL0011847686	IBEX 7420SPLOPENG	EUR	2,0400	2,0400	1,9700			1,9700					
Warrant	NL0011850813	IBEX 7820SPLOPENG	EUR	1,6500	1,6500	1,5800			1,5800					
Warrant	NL0011862859	IBEX 8250SPLOPENG	EUR	1,2500	1,2500	1,1800			1,1800					
Warrant	NL0012829295	IBEX 8490SPLOPENG	EUR	1,0200	1,0200	0,9500			0,9500					
Warrant	NL0012063598	IBEX 8720SPLOPENG	EUR											
Warrant	NL0012830020	IBEX 9160SPLOPENG	EUR											
Warrant	NL0012067813	IBEX 9180SPLOPENG	EUR											
Warrant	NL0012822878	IBEX 9620SPLOPENG	EUR											
Warrant	NL0012476014	IBEX 10010SPSOPENG	EUR	1,5100	1,5800	1,5100			1,5800					
Warrant	NL0011027925	IBEX 10550SPSOPENG	EUR	2,0800	2,1500	2,0800			2,1500					
Warrant	NL0010748083	IBEX 10910SPSOPENG	EUR											
Warrant	NL0011212105	IBEX 11140SPSOPENG	EUR	2,7000	2,7700	2,7000			2,7700					
Warrant	NL0012075725	IBEX 11720SPSOPENG	EUR	3,3100	3,3800	3,3100			3,3800					
Warrant	NL0011362512	IBM 112SPLOPENG	EUR	0,9800	0,9800	0,9800			0,9800					
Warrant	NL0011628169	IBM 136SPLOPENG	EUR											
Warrant	NL0010200788	INBEV 51SPLOPENG	EUR	21,0900	21,0900	19,3900			19,3900					
Warrant	NL0010465779	INBEV 57SPLOPENG	EUR	15,5700	15,5700	13,8700			13,8700					
Warrant	NL0012476899	INBEV 105.SPSOPENG	EUR	37,4000	39,0500	37,4000			39,0500					
Warrant	NL0009909365	INBEV 32.6SPLOPENG	EUR	38,1700	38,1700	36,4700			36,4700					
Warrant	NL0010681219	INBEV 63.4SPLOPENG	EUR	9,5900	9,5900	7,8900			7,8900					
Warrant	NL0010743209	INBEV 70.2SPLOPENG	EUR											
Warrant	NL0012478135	INBEV 72.5SPLOPENG	EUR											
Warrant	NL0010946281	INBEV 77.5SPLOPENG	EUR											
Warrant	NL0012826119	INBEV 82.8SPLOPENG	EUR											
Warrant	NL0011027990	INBEV118.1SPSOPENG	EUR	59,4000	61,0500	59,4000			61,0500					
Warrant	NL0012834022	INBEV53.46SPLOPENG	EUR	15,7300	15,7300	14,0300			14,0300					
Warrant	NL0012834014	INBEV56.16SPLOPENG	EUR	13,0400	13,0400	11,3400	891,8000	1	11,3400	70				
Warrant	NL0012834006	INBEV59.11SPLOPENG	EUR	10,0900	10,0900	8,3900			8,3900					
Warrant	NL0012833180	INBEV62.21SPLOPENG	EUR	6,9800	6,9800	5,2800	1040,0000	1	5,2800	160				
Warrant	NL0012834303	INBEV65.32SPLOPENG	EUR											
Warrant	NL0012829949	INBEV65.46SPLOPENG	EUR											
Warrant	NL0012818629	INBEV68.91SPLOPENG	EUR											
Warrant	NL0012830723	INBEV76.06SPLOPENG	EUR											
Warrant	NL0012477889	INBEV76.25SPLOPENG	EUR											
Warrant	NL0012831366	INBEV78.52SPSOPENG	EUR	10,9400	12,5900	10,9400			12,5900					
Warrant	NL0012821706	INBEV80.05SPLOPENG	EUR											
Warrant	NL0012822647	INBEV83.98SPLOPENG	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	NL0012826887	INBEV84.04SPLOPENG	EUR											
Warrant	NL0012829105	INBEV84.45SPSOPENG	EUR	16,8600	18,5100	16,8600			18,5100					
Warrant	NL0012825756	INBEV90.82SPSOPENG	EUR	23,2300	24,8800	23,2300			24,8800					
Warrant	NL0010202446	ING 3SPLOPENG	EUR	8,7500	8,7500	8,5900			8,5900					
Warrant	NL0011844030	ING 7SPLOPENG	EUR	5,1200	5,1200	4,9600			4,9600					
Warrant	DE000CJ3N9G1	ING 11C 0319Z	EUR											
Warrant	DE000CJ3N9F3	ING 11C 1218Z	EUR											
Warrant	DE000CV8AVU7	ING 12C 0319Z	EUR											
Warrant	DE000CJ3PIZ6	ING 12C 0619Z	EUR											
Warrant	DE000CV895V1	ING 12C 1218Z	EUR											
Warrant	DE000CV8AMR2	ING 14C 0319Z	EUR											
Warrant	NL0009879188	ING 0.1SPLOPENG	EUR	11,4400	11,4400	11,2800			11,2800					
Warrant	NL0009109909	ING 0.6SPLOPENG	EUR	10,9100	10,9100	10,7500			10,7500					
Warrant	NL0009107739	ING 1.2SPLOPENG	EUR	10,3600	10,3600	10,2000			10,2000					
Warrant	NL0009107721	ING 1.9SPLOPENG	EUR	9,7100	9,7100	9,5500			9,5500					
Warrant	NL0010099842	ING 2.2SPLOPENG	EUR	9,5100	9,5100	9,3500			9,3500					
Warrant	NL0010100111	ING 2.4SPLOPENG	EUR	9,3000	9,3000	9,1400			9,1400					
Warrant	NL0010201844	ING 2.7SPLOPENG	EUR	9,0400	9,0400	8,8800			8,8800					
Warrant	NL0010203642	ING 3.3SPLOPENG	EUR	8,4900	8,4900	8,3300			8,3300					
Warrant	NL0010357497	ING 3.6SPLOPENG	EUR	8,2400	8,2400	8,0800			8,0800					
Warrant	NL0010360905	ING 3.9SPLOPENG	EUR	7,9400	7,9400	7,7800			7,7800					
Warrant	NL0010362810	ING 4.2SPLOPENG	EUR	7,6400	7,6400	7,4800			7,4800					
Warrant	NL0010465795	ING 4.6SPLOPENG	EUR	7,3200	7,3200	7,1600			7,1600					
Warrant	NL0010467684	ING 4.9SPLOPENG	EUR	6,9900	6,9900	6,8300			6,8300					
Warrant	NL0010527297	ING 5.3SPLOPENG	EUR	6,6500	6,6500	6,4900			6,4900					
Warrant	NL0010529897	ING 5.7SPLOPENG	EUR	6,2800	6,2800	6,1200			6,1200					
Warrant	NL0010531042	ING 6.1SPLOPENG	EUR	5,8900	5,8900	5,7300			5,7300					
Warrant	NL0010541934	ING 6.6SPLOPENG	EUR	5,4900	5,4900	5,3300			5,3300					
Warrant	NL0011847454	ING 7.4SPLOPENG	EUR	4,7200	4,7200	4,5600			4,5600					
Warrant	NL0011848346	ING 7.9SPLOPENG	EUR	4,3100	4,3100	4,1500			4,1500					
Warrant	NL0011850912	ING 8.2SPLOPENG	EUR	4,0500	4,0500	3,8900			3,8900					
Warrant	NL0011850904	ING 8.5SPLOPENG	EUR	3,7800	3,7800	3,6200			3,6200					
Warrant	NL0011850896	ING 8.8SPLOPENG	EUR	3,5200	3,5200	3,3600			3,3600					
Warrant	NL0011851878	ING 9.1SPLOPENG	EUR	3,2100	3,2100	3,0500			3,0500					
Warrant	NL0011856174	ING 9.5SPLOPENG	EUR	2,8900	2,8900	2,7200	4284.1600	3	2,7300	1553				
Warrant	NL0011857362	ING 9.8SPLOPENG	EUR	2,6200	2,6200	2,4600	257.0000	1	2,4600	100				
Warrant	NL0011857644	ING 10.1SPLOPENG	EUR											
Warrant	NL0012833719	ING 10.15PLOPENG	EUR											
Warrant	NL0012833081	ING 10.4SPLOPENG	EUR											
Warrant	DE000CJ3PIY9	ING 10.5C 0619Z	EUR											
Warrant	NL0011859376	ING 10.5SPLOPENG	EUR											
Warrant	NL0012829246	ING 10.8SPLOPENG	EUR											
Warrant	NL0012831945	ING 10.8SPLOPENG	EUR											
Warrant	NL0012829360	ING 10.8SPLOPENG	EUR											
Warrant	NL0012830418	ING 11.1SPLOPENG	EUR											
Warrant	NL0011853338	ING 11.15PLOPENG	EUR											
Warrant	NL0012831143	ING 11.15PLOPENG	EUR											
Warrant	NL0011859368	ING 11.2SPLOPENG	EUR											
Warrant	NL0012827216	ING 11.5SPLOPENG	EUR											
Warrant	NL0011862453	ING 11.6SPLOPENG	EUR											
Warrant	NL0012824957	ING 11.9SPLOPENG	EUR											
Warrant	NL0012827612	ING 11.9SPLOPENG	EUR											
Warrant	NL0012825442	ING 12.3SPLOPENG	EUR											
Warrant	NL0011859681	ING 12.9SPLOPENG	EUR											
Warrant	DE000CV895W9	ING 13.5C 1218Z	EUR											
Warrant	DE000CV8ANJ7	ING 14.5C 1218Z	EUR											
Warrant	NL0010466363	ING 4.98SPLOPENG	EUR	6,5600	6,5600	6,4000			6,4000					
Warrant	NL0010468138	ING 5.35SPLOPENG	EUR	6,1800	6,1800	6,0200			6,0200					
Warrant	NL0012833552	ING 10.11SPLOPENG	EUR											
Warrant	NL0011857230	ING 10.14SPLOPENG	EUR											
Warrant	NL0011857719	ING 10.49SPLOPENG	EUR											
Warrant	NL0011858956	ING 10.82SPLOPENG	EUR											
Warrant	NL0012831259	ING 11.12SPLOPENG	EUR											
Warrant	NL0012830483	ING 11.12SPLOPENG	EUR											
Warrant	NL0011859202	ING 11.19SPLOPENG	EUR											
Warrant	NL0012830731	ING 11.45SPLOPENG	EUR											
Warrant	NL0011862099	ING 11.56SPLOPENG	EUR											
Warrant	NL0012823272	ING 11.91SPLOPENG	EUR											
Warrant	NL0012825350	ING 12.27SPLOPENG	EUR											
Warrant	NL0010355046	ING 3.3645PLOPENG	EUR	8,1500	8,1500	7,9900			7,9900					
Warrant	NL0010209789	ING 3.6675PLOPENG	EUR	7,8400	7,8400	7,6800			7,6800					
Warrant	NL0010361135	ING 4.2935PLOPENG	EUR	7,2100	7,2100	7,0500			7,0500					



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
Warrant	NL0010449583	ING 4.627SPLOPENG	EUR	6,8800	6,8800	6,7200			6,7200					
Warrant	NL0010528311	ING 5.739SPLOPENG	EUR	5,8100	5,8100	5,6500			5,6500					
Warrant	NL0010530903	ING 6.147SPLOPENG	EUR	5,4000	5,4000	5,2400			5,2400					
Warrant	NL0010531026	ING 6.576SPLOPENG	EUR	4,9200	4,9200	4,7600			4,7600					
Warrant	NL0010543476	ING 7.026SPLOPENG	EUR	4,4700	4,4700	4,3100	13190,0000	3	4,3100	3000				
Warrant	NL0011847298	ING 7.458SPLOPENG	EUR	4,0800	4,0800	3,9200			3,9200					
Warrant	NL0011847959	ING 7.911SPLOPENG	EUR	3,6300	3,6300	3,4700	3534,0000	2	3,4700	1000				
Warrant	NL0011850474	ING 8.376SPLOPENG	EUR	3,1700	3,1700	3,0100	156,0000	1	3,0100	50				
Warrant	NL0011850466	ING 8.863SPLOPENG	EUR	2,6400	2,6400	2,4900	30374,1200	4	2,4900	11596				
Warrant	NL0011851340	ING 9.171SPLOPENG	EUR	2,4000	2,4000	2,2400			2,2400					
Warrant	NL0011856067	ING 9.488SPLOPENG	EUR	2,0100	2,0100	1,8500	8446,9300	5	1,8500	4401				
Warrant	NL0011856646	ING 9.814SPLOPENG	EUR	1,6900	1,6900	1,5000	17788,0000	7	1,5200	11400				
Warrant	DE000CJ3PJ01	KBC 63C 0619Z	EUR											
Warrant	DE000CV895X7	KBC 63C 1218Z	EUR											
Warrant	DE000CJ3N9H9	KBC 64C 0319Z	EUR											
Warrant	DE000CV8AM50	KBC 70C 0319Z	EUR											
Warrant	DE000CV895Y5	KBC 70C 1218Z	EUR											
Warrant	DE000CJ3PJ19	KBC 72C 0619Z	EUR											
Warrant	DE000CV8ASR9	KBC 74C 1218Z	EUR											
Warrant	NL0009885524	KBC 0.2SPLOPENG	EUR	61,8000	61,8000	61,0000			61,0000					
Warrant	NL0010218137	KBC 15.4SPLOPENG	EUR	48,0500	48,0500	47,2500			47,2500					
Warrant	NL0010219358	KBC 18.8SPLOPENG	EUR	44,9500	44,9500	44,1500			44,1500					
Warrant	NL0010530333	KBC 24.7SPLOPENG	EUR	39,5900	39,5900	38,7900			38,7900					
Warrant	NL0010531091	KBC 26.9SPLOPENG	EUR	37,5800	37,5800	36,7800			36,7800					
Warrant	NL0010536868	KBC 29.3SPLOPENG	EUR	35,4200	35,4200	34,6200			34,6200					
Warrant	NL0010939120	KBC 32.5SPLOPENG	EUR	32,4700	32,4700	31,6700			31,6700					
Warrant	NL0011846357	KBC 35.2SPLOPENG	EUR	30,0500	30,0500	29,2500			29,2500					
Warrant	NL0011852090	KBC 43.4SPLOPENG	EUR	18,8800	18,8800	18,0800			18,0800					
Warrant	NL0011855341	KBC 44.4SPLOPENG	EUR	21,7100	21,7100	20,9100			20,9100					
Warrant	NL0012064661	KBC 51.5SPLOPENG	EUR	15,2500	15,2500	14,4500			14,4500					
Warrant	NL0012073258	KBC 59.7SPLOPENG	EUR											
Warrant	NL0012821482	KBC 62.8SPLOPENG	EUR											
Warrant	NL0010753679	KBC 28.9SPLOPENG	EUR	33,2900	33,2900	32,4900			32,4900					
Warrant	NL0010694592	KBC 32.79SPLOPENG	EUR	29,4900	29,4900	28,6900			28,6900					
Warrant	NL0010831020	KBC 34.78SPLOPENG	EUR	27,5200	27,5200	26,7200			26,7200					
Warrant	NL0011847991	KBC 36.76SPLOPENG	EUR	25,5200	25,5200	24,7200			24,7200					
Warrant	NL0011848833	KBC 38.87SPLOPENG	EUR	23,4100	23,4100	22,6100			22,6100					
Warrant	NL0011850573	KBC 41.08SPLOPENG	EUR	21,2000	21,2000	20,4000			20,4000					
Warrant	NL0011856786	KBC 45.83SPLOPENG	EUR	16,4600	16,4600	15,6600			15,6600					
Warrant	NL0011859756	KBC 51.06SPLOPENG	EUR	11,2300	11,2300	10,4300			10,4300					
Warrant	NL0012070387	KBC 53.83SPLOPENG	EUR	8,4500	8,4500	7,6500			7,6500					
Warrant	NL0012070601	KBC 56.75SPLOPENG	EUR	5,5400	5,5400	4,7400			4,7400					
Warrant	NL0012076848	KBC 62.63SPLOPENG	EUR											
Warrant	NL0012829964	KBC 62.68SPLOPENG	EUR											
Warrant	NL0012824809	KBC 67.91SPSOPENG	EUR	6,4300	7,1700	6,4300			7,1700					
Warrant	NL0012478200	KBC 73.02SPSOPENG	EUR	11,5400	12,2800	11,5400			12,2800					
Warrant	DE000CV898S1	KGX 110C 0619Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	DE000CV89614	KPN 2C 1218Z	EUR	0,3550	0,3550	0,3550			0,3550					
Warrant	NL0011018122	KPN 2SPLOPENG	EUR	0,6100	0,6100	0,5900			0,5900					
Warrant	NL0010351045	KPN 0.3SPLOPENG	EUR	2,1000	2,1000	2,0700			2,0700					
Warrant	NL0010350260	KPN 0.5SPLOPENG	EUR	1,9400	1,9400	1,9200			1,9200					
Warrant	NL0010461570	KPN 0.6SPLOPENG	EUR	1,8600	1,8600	1,8400			1,8400					
Warrant	NL0010461836	KPN 0.7SPLOPENG	EUR	1,7600	1,7600	1,7300			1,7300					
Warrant	NL0010465803	KPN 0.8SPLOPENG	EUR	1,6600	1,6600	1,6300			1,6300					
Warrant	NL0010528345	KPN 0.9SPLOPENG	EUR	1,5500	1,5500	1,5200			1,5200					
Warrant	NL0010528337	KPN 1.1SPLOPENG	EUR	1,4200	1,4200	1,3900			1,3900					
Warrant	NL0010529194	KPN 1.2SPLOPENG	EUR	1,2800	1,2800	1,2600			1,2600					
Warrant	NL0010531331	KPN 1.4SPLOPENG	EUR	1,1500	1,1500	1,1300			1,1300					
Warrant	NL0010830089	KPN 1.5SPLOPENG	EUR	1,0500	1,0500	1,0300			1,0300					
Warrant	NL0010940078	KPN 1.6SPLOPENG	EUR	0,9900	0,9900	0,9600			0,9600					
Warrant	NL0010941084	KPN 1.7SPLOPENG	EUR	0,8300	0,8300	0,8100			0,8100					
Warrant	NL0011011945	KPN 1.9SPLOPENG	EUR	0,7300	0,7300	0,7100			0,7100					
Warrant	NL0011021183	KPN 2.1SPLOPENG	EUR	0,4700	0,4700	0,4400			0,4400					
Warrant	DE000CV89622	KPN 2.2C 1218Z	EUR	0,1850	0,1850	0,1850			0,1850					
Warrant	NL0012833727	KPN 2.3SPLOPENG	EUR											
Warrant	NL0012822993	KPN 2.3SPLOPENG	EUR											
Warrant	DE000CV89630	KPN 2.4C 1218Z	EUR	0,0720	0,0720	0,0720			0,0720					
Warrant	NL0012826127	KPN 2.5SPLOPENG	EUR											
Warrant	NL0012825954	KPN 2.5SPLOPENG	EUR											
Warrant	NL0012827422	KPN 2.5SPSOPENG	EUR	0,2200	0,2400	0,2200			0,2400					
Warrant	NL0012474696	KPN 2.6SPSOPENG	EUR	0,5800	0,6000	0,5800			0,6000					
Warrant	NL0011850920	KPN 2.7SPLOPENG	EUR											



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012469621	KPN 2.8SPSOPENG	EUR	0,8800	0,9000	0,8800			0,9000					
Warrant	NL0011296728	KPN 3.2SPSOPENG	EUR	1,2200	1,2400	1,2200			1,2400					
Warrant	NL0012828198	KPN 1.95SPLOPENG	EUR	0,4900	0,4900	0,4700			0,4700					
Warrant	NL0011861612	KPN 2.09SPLOPENG	EUR	0,3300	0,3300	0,3100	178,5000	2		550				
Warrant	NL0012830749	KPN 2.25SPLOPENG	EUR											
Warrant	NL0012832836	KPN 2.25SPLOPENG	EUR	0,1900	0,1900	0,1700			0,1700					
Warrant	NL0011854443	KPN 2.25SPLOPENG	EUR											
Warrant	NL0012825764	KPN 2.46SPLOPENG	EUR											
Warrant	NL0012475677	KPN 2.75SPSOPENG	EUR	0,4700	0,4900	0,4700			0,4900					
Warrant	NL0011625587	KPN 3.05SPSOPENG	EUR	0,7700	0,7900	0,7700			0,7900					
Warrant	NL0012823132	LIGHT 19SPLOPENG	EUR	5,2800	5,2800	4,3000			4,3000					
Warrant	NL0012833115	LIGHT 16.5SPLOPENG	EUR	7,6500	7,6500	6,6700			6,6700					
Warrant	NL0012823686	LIGHT 17.7SPLOPENG	EUR	6,5000	6,5000	5,5200			5,5200					
Warrant	NL0012820047	LIGHT 20.4SPLOPENG	EUR											
Warrant	NL0012833941	LIGHT 21.8SPSOPENG	EUR											
Warrant	NL0012826051	LIGHT 21.9SPLOPENG	EUR											
Warrant	NL0012826044	LIGHT 23.3SPLOPENG	EUR											
Warrant	NL0012827265	LIGHT 23.4SPLOPENG	EUR											
Warrant	NL0012825004	LIGHT 24.9SPSOPENG	EUR											
Warrant	NL0012831804	LIGHT17.28SPLOPENG	EUR	5,8100	5,8100	4,8300			4,8300					
Warrant	NL0012823371	LIGHT18.18SPLOPENG	EUR	4,9100	4,9100	3,9300	84,0000	1	3,9300	20				
Warrant	NL0012822423	LIGHT19.13SPLOPENG	EUR											
Warrant	NL0012820583	LIGHT20.13SPLOPENG	EUR											
Warrant	NL0012819510	LIGHT21.16SPLOPENG	EUR											
Warrant	NL0012832133	LIGHT21.83SPSOPENG	EUR											
Warrant	NL0012825855	LIGHT22.21SPLOPENG	EUR											
Warrant	NL0012825848	LIGHT23.26SPLOPENG	EUR											
Warrant	NL0012826424	LIGHT23.31SPLOPENG	EUR											
Warrant	NL0012830509	LIGHT23.34SPLOPENG	EUR											
Warrant	NL0012832141	LIGHT23.45SPSOPENG	EUR	0,7900	1,7400	0,7900			1,7400					
Warrant	NL0012830772	LIGHT24.52SPLOPENG	EUR											
Warrant	NL0012832158	LIGHT25.22SPSOPENG	EUR	2,5600	3,5100	2,5600			3,5100					
Warrant	NL0012824262	LIGHT25.29SPSOPENG	EUR											
Warrant	NL0012819726	LIGHT27.13SPSOPENG	EUR	4,5000	5,4200	4,5000	270,0000	1	5,4200	60				
Warrant	NL0012819528	LIGHT29.18SPSOPENG	EUR	6,5100	7,4600	6,5100			7,4600					
Warrant	DE000CV8AZ16	LRCX 180C 0319Z	EUR	0,1750	0,1750	0,1750			0,1750					
Warrant	DE000CV8AVW3	LRCX 180C 1218Z	EUR	0,0390	0,0390	0,0390			0,0390					
Warrant	DE000CV8AKD6	LRCX 200C 0319Z	EUR	0,0750	0,0750	0,0750			0,0750					
Warrant	DE000CV8AKC8	LRCX 200C 1218Z	EUR	0,0130	0,0130	0,0130			0,0130					
Warrant	DE000CV88160	LRCX 220C 0619Z	EUR	0,1550	0,1550	0,1550			0,1550					
Warrant	NL0010965935	LVMH 107SPLOPENG	EUR	17,8100	18,0400	17,8100			18,0400					
Warrant	NL0010966826	LVMH 118SPLOPENG	EUR	16,8000	17,0300	16,8000			17,0300					
Warrant	NL0011856224	LVMH 130SPLOPENG	EUR	15,7400	15,9700	15,7400			15,9700					
Warrant	NL0012063267	LVMH 170SPLOPENG	EUR	12,0300	12,2500	12,0300			12,2500					
Warrant	NL0012825269	LVMH 220SPLOPENG	EUR	7,3800	7,6000	7,3800			7,6000					
Warrant	NL0012825251	LVMH 261SPLOPENG	EUR											
Warrant	NL0012828750	LVMH 284SPLOPENG	EUR											
Warrant	DE000CV8AKF1	MCDON 160C 1218Z	EUR	0,6850	0,6850	0,6850			0,6850					
Warrant	DE000CJ3N9Y4	MCDON 170C 0319Z	EUR	0,4750	0,4750	0,4750			0,4750					
Warrant	DE000CV8AKG9	MCDON 170C 1218Z	EUR	0,3350	0,3350	0,3350			0,3350					
Warrant	DE000CJ3N9Z1	MCDON 180C 0319Z	EUR	0,2450	0,2450	0,2450			0,2450					
Warrant	DE000CJ3N906	MICRO 44C 1218Z	EUR	0,1450	0,1450	0,1450			0,1450					
Warrant	DE000CJ3N914	MICRO 46C 0319Z	EUR	0,2250	0,2250	0,2250			0,2250					
Warrant	DE000CV8AZW4	MICRO 48C 1218Z	EUR	0,0680	0,0680	0,0680			0,0680					
Warrant	DE000CV8AY33	MICRO 50C 0319Z	EUR	0,1450	0,1450	0,1450			0,1450					
Warrant	DE000CV8AM60	MICRO 52C 1218Z	EUR	0,0290	0,0290	0,0290			0,0290					
Warrant	DE000CV8AKJ3	MICRO 56C 1218Z	EUR	0,0140	0,0140	0,0140			0,0140					
Warrant	DE000CV8AKK1	MICRO 60C 0319Z	EUR	0,0450	0,0450	0,0450			0,0450					
Warrant	DE000CV88178	MICRO 60C 1218Z	EUR	0,0110	0,0110	0,0110			0,0110					
Warrant	NL0011850185	MSOFT 55SPLOPENG	EUR	47,9700	47,9700	47,9700			47,9700					
Warrant	DE000CV8AKM7	MSOFT 110C 1218Z	EUR	0,0990	0,0990	0,0990			0,0990					
Warrant	DE000CJ3N922	MSOFT 112C 0319Z	EUR	0,1850	0,1850	0,1850			0,1850					
Warrant	DE000CJ3N930	MSOFT 120C 0319Z	EUR	0,0850	0,0850	0,0850			0,0850					
Warrant	DE000CV8ANL3	MSOFT 120C 1218Z	EUR	0,0170	0,0170	0,0170			0,0170					
Warrant	NL0010544425	MSOFT 30.9SPLOPENG	EUR	67,7100	67,7100	67,7100			67,7100					
Warrant	NL0010680682	MSOFT 34.25SPLOPENG	EUR	64,9400	64,9400	64,9400			64,9400					
Warrant	NL0010746491	MSOFT 37.9SPLOPENG	EUR	61,9700	61,9700	61,9700			61,9700					
Warrant	NL0011621560	MSOFT 45.8SPLOPENG	EUR	55,5300	55,5300	55,5300			55,5300					
Warrant	NL0009105170	NASDAQ 1110SPLOPENG	EUR	51,7600	51,7600	51,7600			51,7600					
Warrant	NL0009371608	NASDAQ 1940SPLOPENG	EUR	44,8700	44,8700	44,8700			44,8700					
Warrant	NL0010344073	NASDAQ 2670SPLOPENG	EUR	38,8000	38,8000	38,8000			38,8000					
Warrant	NL0010362489	NASDAQ 2810SPLOPENG	EUR	37,5600	37,5600	37,5600			37,5600					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010538815	NASDQ 3130SPLOPENG	EUR	34,8900	34,8900	34,8900			34,8900					
Warrant	NL0010543708	NASDQ 3340SPLOPENG	EUR	33,1500	33,1500	33,1500			33,1500					
Warrant	NL0010590782	NASDQ 3560SPLOPENG	EUR	31,3000	31,3000	31,3000			31,3000					
Warrant	NL0010742151	NASDQ 3758SPLOPENG	EUR	28,1500	28,1500	28,1500			28,1500					
Warrant	NL0010745253	NASDQ 3838SPLOPENG	EUR	27,4500	27,4500	27,4500			27,4500					
Warrant	NL0010747333	NASDQ 3920SPLOPENG	EUR	26,7300	26,7300	26,7300			26,7300					
Warrant	NL0011363890	NASDQ 3982SPLOPENG	EUR	26,1800	26,1800	26,1800			26,1800					
Warrant	NL0011364740	NASDQ 4000SPLOPENG	EUR	27,6700	27,6700	27,6700			27,6700					
Warrant	NL0011363882	NASDQ 4002SPLOPENG	EUR	26,0000	26,0000	26,0000			26,0000					
Warrant	NL0011363874	NASDQ 4023SPLOPENG	EUR	25,8200	25,8200	25,8200			25,8200					
Warrant	NL0011363866	NASDQ 4044SPLOPENG	EUR	25,6300	25,6300	25,6300			25,6300					
Warrant	NL0011363858	NASDQ 4066SPLOPENG	EUR	25,5000	25,5000	25,5000			25,5000					
Warrant	NL0011618210	NASDQ 4080SPLOPENG	EUR	26,9700	26,9700	26,9700			26,9700					
Warrant	NL0011620448	NASDQ 4095SPLOPENG	EUR	25,2400	25,2400	25,2400			25,2400					
Warrant	NL0011619556	NASDQ 4170SPLOPENG	EUR	26,2600	26,2600	26,2600			26,2600					
Warrant	NL0011620430	NASDQ 4185SPLOPENG	EUR	24,4900	24,4900	24,4900			24,4900					
Warrant	NL0011618145	NASDQ 4220SPLOPENG	EUR											
Warrant	NL0011620638	NASDQ 4246SPLOPENG	EUR	23,9100	23,9100	23,9100			23,9100					
Warrant	NL0011621263	NASDQ 4250SPLOPENG	EUR	25,5300	25,5300	25,5300			25,5300					
Warrant	NL0011622592	NASDQ 4277SPLOPENG	EUR	23,6400	23,6400	23,6400			23,6400					
Warrant	NL0011633847	NASDQ 4293SPLOPENG	EUR											
Warrant	NL0011845698	NASDQ 4330SPLOPENG	EUR	23,1900	23,1900	23,1900			23,1900					
Warrant	NL0011622337	NASDQ 4340SPLOPENG	EUR	24,7900	24,7900	24,7900			24,7900					
Warrant	NL0011846050	NASDQ 4384SPLOPENG	EUR	22,7200	22,7200	22,7200			22,7200					
Warrant	NL0011845516	NASDQ 4430SPLOPENG	EUR	24,0400	24,0400	24,0400			24,0400					
Warrant	NL0011846639	NASDQ 4438SPLOPENG	EUR	22,2400	22,2400	22,2400			22,2400					
Warrant	NL0011847827	NASDQ 4493SPLOPENG	EUR	21,7600	21,7600	21,7600			21,7600					
Warrant	NL0011845979	NASDQ 4520SPLOPENG	EUR	23,2800	23,2800	23,2800			23,2800					
Warrant	NL0011848270	NASDQ 4548SPLOPENG	EUR	21,2700	21,2700	21,2700			21,2700					
Warrant	NL0011848957	NASDQ 4604SPLOPENG	EUR	20,8100	20,8100	20,8100			20,8100					
Warrant	NL0011849401	NASDQ 4661SPLOPENG	EUR	20,3100	20,3100	20,3100			20,3100					
Warrant	NL0011850821	NASDQ 4690SPLOPENG	EUR											
Warrant	NL0011848130	NASDQ 4710SPLOPENG	EUR	21,7000	21,7000	21,7000			21,7000					
Warrant	NL0011849914	NASDQ 4719SPLOPENG	EUR	19,8100	19,8100	19,8100			19,8100					
Warrant	NL0011851449	NASDQ 4777SPLOPENG	EUR	19,3000	19,3000	19,3000			19,3000					
Warrant	NL0011850037	NASDQ 4810SPLOPENG	EUR	20,8900	20,8900	20,8900			20,8900					
Warrant	NL0011855176	NASDQ 4836SPLOPENG	EUR	18,7800	18,7800	18,7800			18,7800					
Warrant	NL0012061667	NASDQ 4895SPLOPENG	EUR	18,2600	18,2600	18,2600			18,2600					
Warrant	NL0011862867	NASDQ 4910SPLOPENG	EUR	20,0700	20,0700	20,0700			20,0700					
Warrant	NL0012063481	NASDQ 4955SPLOPENG	EUR	17,7300	17,7300	17,7300			17,7300					
Warrant	NL0012063606	NASDQ 5010SPLOPENG	EUR	19,2300	19,2300	19,2300			19,2300					
Warrant	NL0012063937	NASDQ 5016SPLOPENG	EUR	17,1900	17,1900	17,1900			17,1900					
Warrant	NL0012064992	NASDQ 5078SPLOPENG	EUR	16,6500	16,6500	16,6500			16,6500					
Warrant	NL0012065460	NASDQ 5140SPLOPENG	EUR	16,1100	16,1100	16,1100			16,1100					
Warrant	NL0012066096	NASDQ 5203SPLOPENG	EUR	15,5500	15,5500	15,5500			15,5500					
Warrant	NL0012064190	NASDQ 5210SPLOPENG	EUR	17,5000	17,5000	17,5000			17,5000					
Warrant	NL0012066146	NASDQ 5267SPLOPENG	EUR	14,9900	14,9900	14,9900			14,9900					
Warrant	NL0012065882	NASDQ 5320SPLOPENG	EUR	16,6100	16,6100	16,6100			16,6100					
Warrant	NL0012066997	NASDQ 5331SPLOPENG	EUR	14,4300	14,4300	14,4300			14,4300					
Warrant	NL0012069447	NASDQ 5396SPLOPENG	EUR	13,8600	13,8600	13,8600			13,8600					
Warrant	NL0012066500	NASDQ 5430SPLOPENG	EUR	15,7000	15,7000	15,7000			15,7000					
Warrant	NL0012070965	NASDQ 5462SPLOPENG	EUR	13,2800	13,2800	13,2800			13,2800					
Warrant	NL0012071120	NASDQ 5529SPLOPENG	EUR	14,0200	14,0200	12,6900	9113,0000	2	12,6900	650				
Warrant	NL0012069207	NASDQ 5540SPLOPENG	EUR	14,7800	14,7800	14,7800			14,7800					
Warrant	NL0012072003	NASDQ 5596SPLOPENG	EUR	12,1000	12,1000	12,1000			12,1000					
Warrant	NL0012073290	NASDQ 5733SPLOPENG	EUR	10,8900	10,8900	10,8900			10,8900					
Warrant	NL0012071476	NASDQ 5770SPLOPENG	EUR	12,8700	12,8700	12,8700			12,8700					
Warrant	NL0012076574	NASDQ 5803SPLOPENG	EUR	10,2800	10,2800	10,2800			10,2800					
Warrant	NL0012079255	NASDQ 5874SPLOPENG	EUR	9,6600	9,6600	9,6600			9,6600					
Warrant	NL0012078851	NASDQ 5880SPLOPENG	EUR	11,9000	11,9000	11,9000			11,9000					
Warrant	NL0012463061	NASDQ 5945SPLOPENG	EUR	9,0300	9,0300	9,0300			9,0300					
Warrant	NL0012079420	NASDQ 6000SPLOPENG	EUR	10,9000	10,9000	10,9000			10,9000					
Warrant	NL0012464606	NASDQ 6017SPLOPENG	EUR	8,4000	8,4000	8,4000			8,4000					
Warrant	NL0012464937	NASDQ 6090SPLOPENG	EUR	7,7600	7,7600	7,7600			7,7600					
Warrant	NL0012464036	NASDQ 6120SPLOPENG	EUR	9,8900	9,8900	9,8900			9,8900					
Warrant	NL0012465579	NASDQ 6164SPLOPENG	EUR	8,4700	8,5100	7,1100	8135,0000	4	7,1100	1000				
Warrant	NL0012466569	NASDQ 6239SPLOPENG	EUR	6,4500	6,4500	6,4500			6,4500					
Warrant	NL0012465462	NASDQ 6250SPLOPENG	EUR	8,8500	8,8500	8,8500			8,8500					
Warrant	NL0012473227	NASDQ 6370SPLOPENG	EUR	7,7900	7,7900	7,7900			7,7900					
Warrant	NL0012473466	NASDQ 6390SPLOPENG	EUR	6,3000	6,3000	5,1200	157,5000	1	5,1200	25				
Warrant	NL0012481105	NASDQ 6468SPLOPENG	EUR	5,7500	5,7500	4,4000	102250,0000	21	4,4400	21000				
Warrant	NL0012479513	NASDQ 6500SPLOPENG	EUR	6,7300	6,7300	6,7300			6,7300					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012818702	NASDQ 6546SPLOPENG	EUR	3,9100	3,9100	3,4800	652,3100	2	3,7500	172				
Warrant	NL0012481253	NASDQ 6610SPLOPENG	EUR											
Warrant	NL0012819239	NASDQ 6623SPLOPENG	EUR											
Warrant	NL0012819221	NASDQ 6703SPLOPENG	EUR											
Warrant	NL0012819916	NASDQ 6740SPLOPENG	EUR											
Warrant	NL0012821268	NASDQ 6779SPLOPENG	EUR											
Warrant	NL0012821300	NASDQ 6861SPLOPENG	EUR											
Warrant	NL0012819908	NASDQ 6880SPLOPENG	EUR											
Warrant	NL0012821953	NASDQ 6935SPLOPENG	EUR											
Warrant	NL0012832984	NASDQ 6943SPLOPENG	EUR											
Warrant	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	2,9200	4,6900	2,9200	3606,9300	4	4,3400	1014				
Warrant	NL0012829899	NASDQ 7430SPLOPENG	EUR											
Warrant	NL0012828487	NASDQ 7430SPLOPENG	EUR											
Warrant	NL0012831309	NASDQ 7450SPLOPENG	EUR											
Warrant	NL0012470587	NASDQ 7519SPSOPENG	EUR											
Warrant	NL0012829709	NASDQ 7570SPSOPENG	EUR											
Warrant	NL0012828727	NASDQ 7580SPLOPENG	EUR											
Warrant	NL0012828057	NASDQ 7580SPSOPENG	EUR											
Warrant	NL0012832521	NASDQ 7600SPSOPENG	EUR	5,9300	5,9300	5,9300			5,9300					
Warrant	NL0012470785	NASDQ 7609SPSOPENG	EUR											
Warrant	NL0012826812	NASDQ 7720SPSOPENG	EUR	10,4500	10,4500	10,4500			10,4500					
Warrant	NL0012471338	NASDQ 7786SPSOPENG	EUR	7,5700	7,5700	7,5700			7,5700					
Warrant	NL0012820245	NASDQ 7880SPSOPENG	EUR	8,3900	8,3900	8,3900			8,3900					
Warrant	NL0012821961	NASDQ 7975SPSOPENG	EUR	8,0200	9,2300	8,0200	200,5000	1	9,2300	25				
Warrant	NL0012826499	NASDQ 8168SPSOPENG	EUR	10,9200	10,9200	10,9200			10,9200					
Warrant	NL0012826788	NASDQ 8266SPSOPENG	EUR	11,7800	11,7800	11,7800			11,7800					
Warrant	NL0012828537	NASDQ 8365SPSOPENG	EUR	12,6600	12,6600	12,6600			12,6600					
Warrant	NL0012830954	NASDQ 8466SPSOPENG	EUR	13,5400	13,5400	13,5400			13,5400					
Warrant	NL0012826903	NASDQ 8530SPSOPENG	EUR	17,8900	17,8900	17,8900			17,8900					
Warrant	NL0012067664	NESTL 53SPLOPENG	EUR											
Warrant	NL0012471056	NESTL 56SPLOPENG	EUR											
Warrant	NL0012471049	NESTL 61SPLOPENG	EUR											
Warrant	NL0012471031	NESTL 70SPLOPENG	EUR											
Warrant	NL0012470926	NESTL 84SPSOPENG	EUR											
Warrant	NL0012471064	NESTL 87SPSOPENG	EUR											
Warrant	NL0012823959	NESTL 72.8SPLOPENG	EUR											
Warrant	NL0012473094	NESTL69.32SPLOPENG	EUR											
Warrant	NL0006408171	NIKEI 5530SPLOPENG	EUR	128,9000	128,9000	128,9000			128,9000					
Warrant	NL0010204343	NIKEI 7840SPLOPENG	EUR	111,6500	111,6500	111,6500			111,6500					
Warrant	NL0010344438	NIKEI 9890SPLOPENG	EUR	96,3000	96,3000	96,3000			96,3000					
Warrant	NL0010347456	NIKEI10470SPLOPENG	EUR	91,9400	91,9400	91,9400			91,9400					
Warrant	NL0010466405	NIKEI13080SPLOPENG	EUR	72,4300	72,4300	72,4300			72,4300					
Warrant	NL0010746582	NIKEI14260SPLOPENG	EUR	63,5400	63,5400	63,5400			63,5400					
Warrant	NL0011844923	NIKEI14710SPLOPENG	EUR	60,1500	60,1500	60,1500			60,1500					
Warrant	NL0011848148	NIKEI15180SPLOPENG	EUR	56,6600	56,6600	56,6600			56,6600					
Warrant	NL0011848528	NIKEI15660SPLOPENG	EUR	53,0700	53,0700	53,0700			53,0700					
Warrant	NL0011859616	NIKEI16650SPLOPENG	EUR	45,6300	45,6300	45,6300			45,6300					
Warrant	NL0011861117	NIKEI17710SPLOPENG	EUR	37,7100	37,7100	37,7100			37,7100					
Warrant	NL0012062012	NIKEI18260SPLOPENG	EUR	33,5800	33,5800	33,5800			33,5800					
Warrant	NL0012071484	NIKEI18820SPLOPENG	EUR	29,3500	29,3500	29,3500			29,3500					
Warrant	NL0012081020	NIKEI19400SPLOPENG	EUR	27,3400	27,3400	25,0100	1633,6000	2	25,0100	60				
Warrant	NL0012834048	NIKEI19980SPLOPENG	EUR	2,2900	2,2900	2,1400	2862,5000	1	2,1400	1250				
Warrant	NL0012480909	NIKEI21180SPLOPENG	EUR											
Warrant	NL0012828321	NIKEI21820SPLOPENG	EUR											
Warrant	NL0012824296	NIKEI21900SPLOPENG	EUR											
Warrant	NL0012831325	NIKEI22480SPLOPENG	EUR											
Warrant	NL0012834055	NIKEI22570SPSOPENG	EUR	1,2000	1,2000	1,2000			1,2000					
Warrant	NL0012831317	NIKEI23150SPLOPENG	EUR											
Warrant	NL0012472567	NIKEI23480SPSOPENG	EUR											
Warrant	NL0012832182	NIKEI23990SPSOPENG	EUR	2,3400	2,3400	2,3400			2,3400					
Warrant	NL0012466882	NIKEI24730SPSOPENG	EUR	26,4100	29,0600	26,4100	3910,2500	4	28,6500	140				
Warrant	NL0012822035	NIKEI25480SPSOPENG	EUR	3,5400	3,5400	3,5400			3,5400					
Warrant	NL0012822043	NIKEI27040SPSOPENG	EUR	4,7900	4,7900	4,7900			4,7900					
Warrant	NL0012826820	NIKEI27860SPSOPENG	EUR	5,4500	5,4500	5,4500			5,4500					



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	NL0010206934	NKOYJ 1SPLOPENG	EUR	4,2400	4,2500	4,2400			4,2500					
Warrant	NL0010087102	NKOYJ 0.25PLOPENG	EUR	4,9300	4,9400	4,9300			4,9400					
Warrant	NL0010086112	NKOYJ 0.45PLOPENG	EUR	4,8000	4,8100	4,8000			4,8100					
Warrant	NL0010203246	NKOYJ 0.95PLOPENG	EUR	4,3800	4,3900	4,3800			4,3900					
Warrant	NL0010213492	NKOYJ 1.25PLOPENG	EUR	4,1000	4,1100	4,1000			4,1100					
Warrant	NL0010215620	NKOYJ 1.35PLOPENG	EUR	3,9500	3,9600	3,9500			3,9600					
Warrant	NL0010363313	NKOYJ 1.75PLOPENG	EUR	3,6300	3,6400	3,6300			3,6400					
Warrant	NL0010535423	NKOYJ 2.35PLOPENG	EUR	3,0300	3,0400	3,0300			3,0400					
Warrant	NL0010594156	NKOYJ 3.15PLOPENG	EUR	2,3400	2,3500	2,3400			2,3500					
Warrant	NL0011198098	NKOYJ 6.15PSOPENG	EUR	1,8200	1,8200	1,8100			1,8100					
Warrant	NL0011303268	NKOYJ 6.95PSOPENG	EUR	2,6400	2,6400	2,6300			2,6300					
Warrant	NL0010751889	NNGRP 10.25PLOPENG	EUR	28,5600	28,5600	28,2300			28,2300					
Warrant	NL0010751871	NNGRP 12.55PLOPENG	EUR	26,4400	26,4400	26,1100			26,1100					
Warrant	NL0010751863	NNGRP 12.65PLOPENG	EUR	26,3200	26,3200	25,9900			25,9900					
Warrant	NL0010751855	NNGRP 13.95PLOPENG	EUR	25,0800	25,0800	24,7500			24,7500					
Warrant	NL0010752226	NNGRP 16.55PLOPENG	EUR	22,6900	22,6900	22,3600			22,3600					
Warrant	NL0010944013	NNGRP 16.95PLOPENG	EUR	22,2800	22,2800	21,9500			21,9500					
Warrant	NL0011022447	NNGRP 18.65PLOPENG	EUR	20,7500	20,7500	20,4200			20,4200					
Warrant	NL0011851993	NNGRP 21.35PLOPENG	EUR	18,2500	18,2500	17,9200			17,9200					
Warrant	NL0011852694	NNGRP 21.95PLOPENG	EUR	17,7100	17,7100	17,3800			17,3800					
Warrant	NL0011859780	NNGRP 24.45PLOPENG	EUR	13,7000	13,7000	13,3700			13,3700					
Warrant	NL0011861968	NNGRP 26.75PLOPENG	EUR	13,2300	13,2300	12,9000			12,9000					
Warrant	NL0012075030	NNGRP 27.55PLOPENG	EUR	12,4400	12,4400	12,1100			12,1100					
Warrant	NL0012080055	NNGRP 30.75PLOPENG	EUR	9,4800	9,4800	9,1500			9,1500					
Warrant	NL0012465249	NNGRP 31.85PLOPENG	EUR	8,4700	8,4700	8,1400			8,1400					
Warrant	NL0012823363	NNGRP 33.65PLOPENG	EUR	4,5100	4,5100	4,1800			4,1800					
Warrant	NL0012824148	NNGRP 34.15PLOPENG	EUR	6,3500	6,3500	6,0200			6,0200					
Warrant	NL0012829923	NNGRP 36.55PLOPENG	EUR	4,1300	4,1300	3,8000			3,8000					
Warrant	NL0012830491	NNGRP 37.15PLOPENG	EUR											
Warrant	NL0012465256	NNGRP 39.15PSOPENG	EUR											
Warrant	NL0012829931	NNGRP 42.55PSOPENG	EUR	8,1200	8,4200	8,1200			8,4200					
Warrant	NL0011856513	NNGRP21.765PLOPENG	EUR	16,2900	16,2900	15,9600			15,9600					
Warrant	NL0011856505	NNGRP23.085PLOPENG	EUR	15,0300	15,0300	14,7000			14,7000					
Warrant	NL0011860556	NNGRP25.815PLOPENG	EUR	12,3000	12,3000	11,9700			11,9700					
Warrant	NL0012071344	NNGRP27.285PLOPENG	EUR	10,8200	10,8200	10,4900			10,4900					
Warrant	NL0012075204	NNGRP28.775PLOPENG	EUR	9,3300	9,3300	9,0000			9,0000					
Warrant	NL0012075642	NNGRP30.335PLOPENG	EUR	7,7700	7,7700	7,4400			7,4400					
Warrant	NL0012080816	NNGRP31.955PLOPENG	EUR	6,1500	6,1500	5,8200			5,8200					
Warrant	NL0012825053	NNGRP35.325PLOPENG	EUR	2,7800	2,7800	2,4500			2,4500					
Warrant	NL0012820997	NNGRP38.245PSOPENG	EUR											
Warrant	NL0012481212	NNGRP41.065PSOPENG	EUR	3,2800	3,5800	3,2800			3,5800					
Warrant	NL0011618897	NTFLX 865PLOPENG	EUR	20,7600	20,7600	20,7600			20,7600					
Warrant	NL0011851977	NTFLX 945PLOPENG	EUR	20,1400	20,1400	20,1400			20,1400					
Warrant	NL0011857651	NTFLX 1125PLOPENG	EUR	18,7600	18,7600	18,7600			18,7600					
Warrant	NL0010740478	NTFLX 49.75PLOPENG	EUR	165,4000	165,4000	165,4000			165,4000					
Warrant	NL0011013719	NTFLX 60.95PLOPENG	EUR	159,2000	159,2000	159,2000			159,2000					
Warrant	NL0011212972	NTFLX 66.45PLOPENG	EUR	156,1000	156,1000	156,1000			156,1000					
Warrant	NL0011475421	NVDA 24.55PLOPENG	EUR	168,0500	168,0500	168,0500			168,0500					
Warrant	NL0012834196	NYRST 1.25PLOPENG	EUR	0,6200	0,6200	0,5500	580,0000	1	0,5500	1000				
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	NL0012834204	NYRST 2.245PSOPENG	EUR	0,8800	0,9500	0,8800			0,9500					
Warrant	NL0012830582	NYRST 2.355PLOPENG	EUR											
Warrant	NL0012832372	NYRST 2.525PSOPENG	EUR	1,1900	1,2700	1,1900			1,2700					
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 3.215PSOPENG	EUR	1,9500	2,0200	1,9500			2,0200					
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											



Instrument Type	Exchange Instrument ID	Instrument 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	NL0012823074	NYRST 5.18SPSOPENG	EUR											
Warrant	NL0011859418	NYRST 5.68SPLOPENG	EUR											
Warrant	NL0012476303	NYRST 6.53SPSOPENG	EUR											
Warrant	NL0012066708	NYRST 7.34SPSOPENG	EUR											
Warrant	NL0011859442	NYRST 8.26SPSOPENG	EUR											
Warrant	NL0012480826	OCI 18SPLOPENG	EUR	9,6500	9,6500	9,6200			9,6200					
Warrant	NL0011851100	OCI 9.8SPLOPENG	EUR	17,2800	17,2800	17,2500			17,2500					
Warrant	NL0011634373	OCI 10.7SPLOPENG	EUR	16,3900	16,3900	16,3600			16,3600					
Warrant	NL0012063275	OCI 15.2SPLOPENG	EUR	12,2800	12,2800	12,2500			12,2500					
Warrant	NL0011615760	OCI 19.3SPSOPENG	EUR											
Warrant	NL0012819437	OCI 19.6SPLOPENG	EUR	8,1400	8,1400	8,1100			8,1100					
Warrant	NL0012819429	OCI 21.4SPLOPENG	EUR	6,5000	6,5000	6,4700			6,4700					
Warrant	NL0012824502	OCI 23.3SPLOPENG	EUR											
Warrant	NL0012829527	OCI 25.4SPLOPENG	EUR											
Warrant	NL0011360920	OCI 26.4SPSOPENG	EUR											
Warrant	NL0012829519	OCI 27.6SPLOPENG	EUR											
Warrant	NL0011355862	OCI 29.6SPSOPENG	EUR											
Warrant	NL0012080568	OILCR 46SPLOPENG	EUR	15,7700	15,7700	15,0700			15,0700					
Warrant	NL0012080634	OILCR 47SPLOPENG	EUR	16,7100	16,7100	16,0100			16,0100					
Warrant	NL0012464077	OILCR 50SPLOPENG	EUR	14,1800	14,1800	13,4700			13,4700					
Warrant	NL0012824825	OILCR 64SPLOPENG	EUR											
Warrant	NL0012827455	OILCR 68SPSOPENG	EUR											
Warrant	NL0012831481	OILCR 74SPLOPENG	EUR											
Warrant	NL0011492749	OILCR 30.2SPLOPENG	EUR	30,6800	30,6800	30,0300			30,0300					
Warrant	NL0011492335	OILCR 34.5SPLOPENG	EUR	27,1000	27,1000	26,4400			26,4400					
Warrant	NL0011491667	OILCR 36.1SPLOPENG	EUR	25,8100	25,8100	25,1400			25,1400					
Warrant	NL0011491162	OILCR 36.8SPLOPENG	EUR	25,2200	25,2200	24,5500			24,5500					
Warrant	NL0011491063	OILCR 37.6SPLOPENG	EUR	24,5700	24,5700	23,8900			23,8900					
Warrant	NL0011492715	OILCR 38.4SPLOPENG	EUR	23,8400	23,8400	23,1600			23,1600					
Warrant	NL0011619630	OILCR 39.3SPLOPENG	EUR	23,1100	23,1100	22,4300			22,4300					
Warrant	NL0011620208	OILCR 40.2SPLOPENG	EUR	22,3600	22,3600	21,6800			21,6800					
Warrant	NL0012075469	OILCR 42.8SPLOPENG	EUR	20,2200	20,2200	19,5300			19,5300					
Warrant	NL0012078810	OILCR 44.1SPLOPENG	EUR	19,1100	19,1100	18,4100			18,4100					
Warrant	NL0012080121	OILCR 45.5SPLOPENG	EUR	17,9200	17,9200	17,2300			17,2300					
Warrant	NL0012462873	OILCR 48.6SPLOPENG	EUR	15,4000	15,4000	14,7000			14,7000					
Warrant	NL0012465363	OILCR 53.3SPLOPENG	EUR	11,4900	11,4900	10,7800			10,7800					
Warrant	NL0012467955	OILCR 56.7SPLOPENG	EUR	8,6200	8,6200	7,8900			7,8900					
Warrant	NL0012474613	OILCR 58.4SPLOPENG	EUR	7,2000	7,2000	6,4700			6,4700					
Warrant	NL0012822506	OILCR 64.8SPLOPENG	EUR											
Warrant	NL0012827877	OILCR 65.9SPLOPENG	EUR											
Warrant	NL0012834147	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	NL0012833966	OILCR 70.2SPSOPENG	EUR	5,8800	6,6600	5,8800			6,6600					
Warrant	NL0012834154	OILCR 70.5SPSOPENG	EUR	9,2100	10,0000	9,2100			10,0000					
Warrant	NL0012826986	OILCR 70.8SPSOPENG	EUR											
Warrant	NL0012831036	OILCR 71.9SPLOPENG	EUR											
Warrant	NL0012829659	OILCR 73.5SPSOPENG	EUR											
Warrant	NL0012831044	OILCR 76.5SPSOPENG	EUR											
Warrant	NL0010955332	OILCR 79.7SPSOPENG	EUR	17,7000	18,5200	17,7000			18,5200					
Warrant	NL0012823934	OILCR108.25SPSOPENG	EUR	39,1100	40,0000	39,1100			40,0000					
Warrant	NL0011618798	OILCR35.64SPLOPENG	EUR	24,7500	24,7500	24,0800			24,0800					
Warrant	NL0011492293	OILCR36.25SPLOPENG	EUR	24,2200	24,2200	23,5400			23,5400					
Warrant	NL0011491519	OILCR37.72SPLOPENG	EUR	22,9600	22,9600	22,2800			22,2800					
Warrant	NL0011491196	OILCR38.33SPLOPENG	EUR	22,3700	22,3700	21,6900			21,6900					
Warrant	NL0011490867	OILCR39.12SPLOPENG	EUR	21,7300	21,7300	21,0500			21,0500					
Warrant	NL0011619606	OILCR40.66SPLOPENG	EUR	20,3500	20,3500	19,6600			19,6600					
Warrant	NL0011622170	OILCR41.39SPLOPENG	EUR	19,7600	19,7600	19,0700			19,0700					
Warrant	NL0012074967	OILCR42.47SPLOPENG	EUR	18,8500	18,8500	18,1600			18,1600					
Warrant	NL0012075832	OILCR43.59SPLOPENG	EUR	17,9200	17,9200	17,2200			17,2200					
Warrant	NL0012079446	OILCR44.74SPLOPENG	EUR	16,8700	16,8700	16,1700			16,1700					
Warrant	NL0012080626	OILCR47.21SPLOPENG	EUR	14,7000	14,7000	14,0000			14,0000					
Warrant	NL0012463012	OILCR48.48SPLOPENG	EUR	13,6100	13,6100	12,9000			12,9000					
Warrant	NL0012463988	OILCR49.68SPLOPENG	EUR	12,5400	12,5400	11,8300			11,8300					
Warrant	NL0012464721	OILCR51.06SPLOPENG	EUR	11,3400	11,3400	10,6200			10,6200					
Warrant	NL0012464986	OILCR52.34SPLOPENG	EUR	10,2200	10,2200	9,5000			9,5000					
Warrant	NL0012466411	OILCR53.77SPLOPENG	EUR	8,9600	8,9600	8,2400			8,2400					
Warrant	NL0012467740	OILCR55.12SPLOPENG	EUR	7,7800	7,7800	7,0500			7,0500					
Warrant	NL0012468201	OILCR56.62SPLOPENG	EUR	6,4700	6,4700	5,7300			5,7300					



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	NL0012474597	OILCR58.09SPLOPENG	EUR	5,1800	5,1800	4,4400	282,0000	1	4,4400	60				
Warrant	NL0012480388	OILCR59.59SPLOPENG	EUR	3,8700	3,8700	3,1300	822,5000	2	3,1300	250				
Warrant	NL0012821615	OILCR61.14SPLOPENG	EUR	2,5100	2,5100	1,7600			1,7600					
Warrant	NL0012822076	OILCR62.72SPLOPENG	EUR	1,1200	1,1200	0,4800	133,0000	3	0,7000	180				
Warrant	NL0012827695	OILCR64.31SPLOPENG	EUR											
Warrant	NL0012828081	OILCR65.91SPLOPENG	EUR											
Warrant	NL0012834261	OILCR65.92SPLOPENG	EUR											
Warrant	NL0012825012	OILCR66.41SPLOPENG	EUR											
Warrant	NL0012827489	OILCR66.69SPSOPENG	EUR											
Warrant	NL0012829600	OILCR67.55SPLOPENG	EUR											
Warrant	NL0012828669	OILCR67.55SPLOPENG	EUR											
Warrant	NL0012825913	OILCR68.03SPLOPENG	EUR											
Warrant	NL0012826945	OILCR68.39SPSOPENG	EUR											
Warrant	NL0012833958	OILCR68.44SPSOPENG	EUR	4,3400	5,1100	4,3400			5,1100					
Warrant	NL0012831010	OILCR69.17SPLOPENG	EUR											
Warrant	NL0012825921	OILCR70.15SPSOPENG	EUR											
Warrant	NL0012831002	OILCR70.87SPLOPENG	EUR											
Warrant	NL0012824213	OILCR71.64SPSOPENG	EUR											
Warrant	NL0012833974	OILCR72.01SPSOPENG	EUR	7,4700	8,2500	7,4700			8,2500					
Warrant	NL0012831655	OILCR72.66SPLOPENG	EUR											
Warrant	NL0012823652	OILCR73.48SPSOPENG	EUR											
Warrant	NL0012832166	OILCR73.87SPSOPENG	EUR	9,0900	9,8800	9,0900			9,8800					
Warrant	NL0012831648	OILCR74.47SPLOPENG	EUR											
Warrant	NL0010957254	OILCR75.45SPSOPENG	EUR											
Warrant	NL0012831754	OILCR75.77SPSOPENG	EUR	10,7600	11,5500	10,7600			11,5500					
Warrant	NL0012831762	OILCR77.72SPSOPENG	EUR	12,4700	13,2600	12,4700			13,2600					
Warrant	NL0012831663	OILCR79.72SPSOPENG	EUR	14,2200	15,0200	14,2200			15,0200					
Warrant	NL0012831416	OILCR81.77SPSOPENG	EUR	16,0100	16,8200	16,0100			16,8200					
Warrant	NL0012831424	OILCR83.87SPSOPENG	EUR	17,8500	18,6700	17,8500	456,2500	1	18,6700	25				
Warrant	NL0011307871	PALLA 352SPLOPENG	EUR	67,2100	68,7600	67,2100			68,7600					
Warrant	NL0009366848	PALLA 390SPLOPENG	EUR	64,0300	65,5600	64,0300			65,5600					
Warrant	NL0011363353	PALLA 451SPLOPENG	EUR	58,9300	60,4500	58,9300			60,4500					
Warrant	NL0011363346	PALLA 474SPLOPENG	EUR	57,0300	58,5400	57,0300			58,5400					
Warrant	NL0011492376	PALLA 497SPLOPENG	EUR	55,0700	56,5800	55,0700			56,5800					
Warrant	NL0011627476	PALLA 548SPLOPENG	EUR	50,8300	52,3200	50,8300			52,3200					
Warrant	NL0011845441	PALLA 604SPLOPENG	EUR	46,1400	47,6200	46,1400			47,6200					
Warrant	NL0011848403	PALLA 635SPLOPENG	EUR	43,6300	45,0900	43,6300			45,0900					
Warrant	NL0011859137	PALLA 666SPLOPENG	EUR	40,9800	42,4400	40,9800			42,4400					
Warrant	NL0012064950	PALLA 734SPLOPENG	EUR	35,2900	36,7300	35,2900			36,7300					
Warrant	NL0012065262	PALLA 771SPLOPENG	EUR	32,2300	33,6600	32,2300			33,6600					
Warrant	NL0012073373	PALLA 810SPLOPENG	EUR	29,0200	30,4300	29,0200			30,4300					
Warrant	NL0012073803	PALLA 841SPLOPENG	EUR											
Warrant	NL0012827893	PALLA 893SPLOPENG	EUR	22,1000	23,4900	22,1000			23,4900					
Warrant	NL0012829683	PALLA 937SPLOPENG	EUR	18,3800	19,7600	18,3800			19,7600					
Warrant	NL0012467989	PALLA 1198SPSOPENG	EUR	14,2500	14,2500	12,9900			12,9900					
Warrant	NL0011846894	PEUGO 8.25PLOPENG	EUR	14,4000	14,4000	13,7400			13,7400					
Warrant	NL0011851027	PEUGO 10.9SPLOPENG	EUR	11,9400	11,9400	11,2800			11,2800					
Warrant	NL0012064687	PEUGO 14.45PLOPENG	EUR	8,7500	8,7500	8,0900			8,0900					
Warrant	NL0012478036	PEUGO 17.25PLOPENG	EUR	6,2000	6,2000	5,5400			5,5400					
Warrant	NL0012479562	PEUGO 18.8SPLOPENG	EUR											
Warrant	NL0012825475	PEUGO 22.35PLOPENG	EUR											
Warrant	NL0012833057	PHARM 0.91SPLOPENG	EUR											
Warrant	NL0012830590	PHARM 0.91SPLOPENG	EUR											
Warrant	NL0012830202	PHARM0.503SPLOPENG	EUR	0,5400	0,5400	0,5300			0,5300					
Warrant	NL0012830194	PHARM0.566SPLOPENG	EUR	0,4900	0,4900	0,4800			0,4800					
Warrant	NL0012830186	PHARM0.616SPLOPENG	EUR	0,4400	0,4400	0,4400			0,4400					
Warrant	NL0012830178	PHARM0.684SPLOPENG	EUR	0,3600	0,3600	0,3600			0,3600					
Warrant	NL0012830434	PHARM0.753SPLOPENG	EUR	0,3200	0,3400	0,3200	771,8000	1	0,3200	2270				
Warrant	NL0012830459	PHARM0.828SPLOPENG	EUR											
Warrant	NL0012832398	PHARM0.828SPLOPENG	EUR	0,2600	0,2600	0,2500			0,2500					
Warrant	NL0012829998	PHARM0.841SPLOPENG	EUR											
Warrant	NL0012831341	PHARM0.911SPLOPENG	EUR											
Warrant	NL0012826861	PHARM0.934SPLOPENG	EUR											
Warrant	NL0012829980	PHARM1.028SPLOPENG	EUR											
Warrant	NL0012826853	PHARM1.038SPLOPENG	EUR											
Warrant	NL0012826846	PHARM1.153SPLOPENG	EUR											
Warrant	NL0012828768	PHARM1.261SPLOPENG	EUR											
Warrant	NL0011852926	PHILP 24SPLOPENG	EUR	10,4600	10,4600	10,0000			10,0000					
Warrant	NL0012834311	PHILP 31SPLOPENG	EUR	3,4600	3,4600	2,9300	152,3000	5	3,0100	50				
Warrant	NL0012481337	PHILP 32SPLOPENG	EUR											
Warrant	NL0006427809	PHILP 2.15PLOPENG	EUR	32,3500	32,3500	31,8900			31,8900					
Warrant	NL0009881606	PHILP 8.55PLOPENG	EUR	26,4700	26,4700	26,0200			26,0200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010099859	PHILP 9.6SPLOPENG	EUR	25,4400	25,4400	24,9800			24,9800					
Warrant	NL0010103800	PHILP 10.7SPLOPENG	EUR	24,3500	24,3500	23,9000			23,9000					
Warrant	NL0010087706	PHILP 12.4SPLOPENG	EUR	22,8100	22,8100	22,3500			22,3500					
Warrant	NL0010203261	PHILP 14.8SPLOPENG	EUR	20,6000	20,6000	20,1400			20,1400					
Warrant	NL0010212478	PHILP 15.8SPLOPENG	EUR	19,6600	19,6600	19,2000			19,2000					
Warrant	NL0010739876	PHILP 16.2SPLOPENG	EUR	18,2700	18,2700	17,8200			17,8200					
Warrant	NL0010360913	PHILP 16.9SPLOPENG	EUR	18,6700	18,6700	18,2100			18,2100					
Warrant	NL0010362828	PHILP 17.9SPLOPENG	EUR	17,6700	17,6700	17,2200			17,2200					
Warrant	NL0011621743	PHILP 19.4SPLOPENG	EUR	16,3500	16,3500	15,9000			15,9000					
Warrant	NL0011849120	PHILP 20.9SPLOPENG	EUR	14,9700	14,9700	14,5200			14,5200					
Warrant	NL0011849500	PHILP 21.6SPLOPENG	EUR	12,8600	12,8600	12,4000			12,4000					
Warrant	NL0011851894	PHILP 22.4SPLOPENG	EUR	13,5000	13,5000	13,0500			13,0500					
Warrant	NL0011860457	PHILP 24.1SPLOPENG	EUR	11,9300	11,9300	11,4700			11,4700					
Warrant	NL0012068266	PHILP 25.9SPLOPENG	EUR	10,2400	10,2400	9,7600	14845,0000	3	9,7900	1500				
Warrant	NL0012069652	PHILP 27.9SPLOPENG	EUR	8,4400	8,4400	7,9900			7,9900					
Warrant	NL0012479232	PHILP 29.9SPLOPENG	EUR	6,5700	6,5700	6,1100			6,1100					
Warrant	NL0012819940	PHILP 34.2SPLOPENG	EUR											
Warrant	NL0012832315	PHILP 35.6SPSOPENG	EUR											
Warrant	NL0012825962	PHILP 36.6SPLOPENG	EUR											
Warrant	NL0012827224	PHILP 37.8SPSOPENG	EUR											
Warrant	NL0012825970	PHILP 38.6SPSOPENG	EUR											
Warrant	NL0012827935	PHILP 38.7SPSOPENG	EUR											
Warrant	NL0012829378	PHILP 39.9SPSOPENG	EUR											
Warrant	NL0010939344	PHILP15.22SPLOPENG	EUR	19,2400	19,2400	18,7800			18,7800					
Warrant	NL0010686309	PHILP17.24SPLOPENG	EUR	17,1900	17,1900	16,7300			16,7300					
Warrant	NL0010593497	PHILP18.36SPLOPENG	EUR	16,0800	16,0800	15,6200			15,6200					
Warrant	NL0011620844	PHILP19.41SPLOPENG	EUR	15,0500	15,0500	14,5900			14,5900					
Warrant	NL0011846175	PHILP20.48SPLOPENG	EUR	13,9800	13,9800	13,5200			13,5200					
Warrant	NL0011851704	PHILP22.77SPLOPENG	EUR	11,6900	11,6900	11,2300			11,2300					
Warrant	NL0011858113	PHILP25.29SPLOPENG	EUR	9,1700	9,1700	8,7200			8,7200					
Warrant	NL0012066914	PHILP26.65SPLOPENG	EUR	7,8100	7,8100	7,3600			7,3600					
Warrant	NL0012069561	PHILP28.07SPLOPENG	EUR	6,3900	6,3900	5,9400			5,9400					
Warrant	NL0012474522	PHILP29.52SPLOPENG	EUR	4,9400	4,9400	4,4900	3210,0000	2	4,4900	700				
Warrant	NL0012479927	PHILP31.03SPLOPENG	EUR											
Warrant	NL0012064729	PHILP32.28SPSOPENG	EUR											
Warrant	NL0012480669	PHILP32.62SPLOPENG	EUR											
Warrant	NL0012833842	PHILP33.61SPSOPENG	EUR											
Warrant	NL0012818637	PHILP34.25SPLOPENG	EUR											
Warrant	NL0012825772	PHILP35.96SPLOPENG	EUR											
Warrant	NL0012833859	PHILP36.15SPSOPENG	EUR	2,0600	2,5000	2,0600			2,5000					
Warrant	NL0012828404	PHILP37.71SPLOPENG	EUR											
Warrant	NL0012829790	PHILP37.75SPLOPENG	EUR											
Warrant	NL001281846	PHILP38.88SPSOPENG	EUR	4,8200	5,2600	4,8200	1049,3400	4	5,2600	202				
Warrant	NL0012463491	PHILP39.22SPSOPENG	EUR											
Warrant	NL0012825368	PHILP41.82SPSOPENG	EUR	7,7300	8,1700	7,7300			8,1700					
Warrant	NL0012827885	PLATI 636SPLOPENG	EUR	2,3200	2,3500	2,3200			2,3500					
Warrant	NL0012825186	PLATI 669SPLOPENG	EUR	2,0400	2,0700	2,0400			2,0700					
Warrant	NL0012823207	PLATI 704SPLOPENG	EUR	1,7500	1,7800	1,7500			1,7800					
Warrant	NL0011483136	PLATI 741SPLOPENG	EUR	1,4300	1,4600	1,4300			1,4600					
Warrant	NL0011481726	PLATI 772SPLOPENG	EUR											
Warrant	NL0012829675	PLATI 778SPLOPENG	EUR	1,1300	1,1600	1,1300			1,1600					
Warrant	NL0012832679	PLATI 817SPLOPENG	EUR	0,8100	0,8300	0,8100			0,8300					
Warrant	NL0012827331	PLATI 820SPSOPENG	EUR											
Warrant	NL0012825194	PLATI 896SPSOPENG	EUR	0,7200	0,7200	0,7100			0,7100					
Warrant	NL0012062889	PLATI 902SPLOPENG	EUR											
Warrant	NL0012479083	PLATI 963SPSOPENG	EUR	1,3400	1,3400	1,3300			1,3300					
Warrant	NL0012478085	PLATI 1006SPSOPENG	EUR	1,4000	1,4000	1,3800			1,3800					
Warrant	NL0011856448	PLATI 1036SPSOPENG	EUR	2,0100	2,0100	2,0000			2,0000					
Warrant	NL0012079529	PLATI 1048SPSOPENG	EUR	1,7700	1,7700	1,7500			1,7500					
Warrant	NL0011856422	PLATI 1084SPSOPENG	EUR	2,4600	2,4600	2,4500			2,4500					
Warrant	NL0011852900	PLATI 1166SPSOPENG	EUR	3,2100	3,2100	3,2000			3,2000					
Warrant	NL0010356432	PLATI 1559SPSOPENG	EUR	6,8100	6,8200	6,8100			6,8200					
Warrant	NL0012819767	PLATI 927.SPSOPENG	EUR	0,7100	0,7100	0,6900			0,6900					
Warrant	NL0012827323	PLATI723.5SPLOPENG	EUR	1,4200	1,4400	1,4200			1,4400					
Warrant	NL0012825087	PLATI753.6SPLOPENG	EUR	1,1500	1,1700	1,1500			1,1700					
Warrant	NL0012822944	PLATI778.1SPLOPENG	EUR											
Warrant	NL0012831028	PLATI783.7SPLOPENG	EUR	0,8900	0,9100	0,8900			0,9100					
Warrant	NL0012824676	PLATI889.9SPSOPENG	EUR	0,3800	0,3800	0,3600			0,3600					
Warrant	NL0012070304	PLATI901.3SPLOPENG	EUR											
Warrant	NL0012478416	PLATI965.6SPSOPENG	EUR	1,0500	1,0500	1,0300			1,0300					
Warrant	NL0009105386	POST 1SPLOPENG	EUR	1,7400	1,7500	1,7400			1,7500					
Warrant	DE000CV896E5	POST 3C 1218Z	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	NL0012829402	POST 3SPLOPENG	EUR											
Warrant	NL0012832323	POST 3SPSOPENG	EUR	0,6800	0,6800	0,6700			0,6700					
Warrant	NL0010354429	POST 0.9SPLOPENG	EUR	1,8600	1,8600	1,8600				1,8600				
Warrant	NL0010356143	POST 1.2SPLOPENG	EUR	1,6000	1,6100	1,6000				1,6100				
Warrant	NL0010449500	POST 1.5SPLOPENG	EUR	1,3200	1,3200	1,3200				1,3200				
Warrant	NL0010461067	POST 1.7SPLOPENG	EUR	1,1500	1,1700	1,1500	1170,0000	1		1,1600	1000			
Warrant	NL0010465829	POST 1.9SPLOPENG	EUR	1,0000	1,0000	1,0000			1,0000					
Warrant	NL0010525655	POST 2.1SPLOPENG	EUR	0,8100	0,8200	0,8100			0,8200					
Warrant	NL0010531067	POST 2.3SPLOPENG	EUR	0,6000	0,6000	0,6000			0,6000					
Warrant	NL0011478904	POST 2.4SPLOPENG	EUR	0,4200	0,4200	0,4200			0,4200					
Warrant	NL0011618855	POST 2.6SPLOPENG	EUR											
Warrant	DE000CV896D7	POST 2.7C 1218Z	EUR											
Warrant	NL0012821037	POST 2.8SPLOPENG	EUR											
Warrant	NL0012823009	POST 3.1SPLOPENG	EUR											
Warrant	NL0012826002	POST 3.3SPLOPENG	EUR											
Warrant	NL0012476261	POST 3.5SPSOPENG	EUR	1,2600	1,2600	1,2500			1,2500					
Warrant	NL0012074991	POST 4.2SPSOPENG	EUR	1,9900	1,9900	1,9800			1,9800					
Warrant	NL0012833883	POST 3.06SPSOPENG	EUR	0,4900	0,4900	0,4900			0,4900					
Warrant	NL0012832000	POST 2.103SPLOPENG	EUR	0,5600	0,5700	0,5600			0,5700					
Warrant	NL0011618038	POST 2.386SPLOPENG	EUR	0,2500	0,2800	0,2500	1157,2000	3	0,2500	4360				
Warrant	NL0012831994	POST 2.482SPLOPENG	EUR											
Warrant	NL0011618400	POST 2.581SPLOPENG	EUR											
Warrant	NL0012479315	POST 2.779SPLOPENG	EUR											
Warrant	NL0012826309	POST 2.966SPLOPENG	EUR											
Warrant	NL0012829253	POST 2.973SPLOPENG	EUR											
Warrant	NL0012822316	POST 3.041SPLOPENG	EUR											
Warrant	NL0012829956	POST 3.181SPLOPENG	EUR											
Warrant	NL0012825814	POST 3.255SPLOPENG	EUR											
Warrant	NL0012476451	POST 3.601SPSOPENG	EUR	1,0300	1,0300	1,0300			1,0300					
Warrant	NL0011862719	POST 4.279SPSOPENG	EUR	1,7100	1,7100	1,7000			1,7000					
Warrant	NL0011859228	POST 5.107SPSOPENG	EUR	2,5400	2,5400	2,5300			2,5300					
Warrant	NL0010591111	PROX 15SPLOPENG	EUR	9,1400	9,1400	8,7200			8,7200					
Warrant	NL0010688164	PROX 17SPLOPENG	EUR	7,3100	7,3100	6,8900			6,8900					
Warrant	NL0010743233	PROX 19SPLOPENG	EUR	5,4100	5,4100	4,9900			4,9900					
Warrant	DE000CV89689	PROX 20C 1218Z	EUR	0,4700	0,4700	0,4700			0,4700					
Warrant	DE000CV896A3	PROX 25C 1218Z	EUR	0,0160	0,0160	0,0160			0,0160					
Warrant	NL0011022363	PROX 34SPSOPENG	EUR	13,9400	14,3300	13,9400			14,3300					
Warrant	NL0009110550	PROX 9.9SPLOPENG	EUR	13,8900	13,8900	13,4700			13,4700					
Warrant	NL0010540431	PROX 13.2SPLOPENG	EUR	10,8400	10,8400	10,4200			10,4200					
Warrant	NL0012832356	PROX 20.8SPLOPENG	EUR	3,8200	3,8200	3,4000			3,4000					
Warrant	DE000CV89697	PROX 22.5C 1218Z	EUR	0,1250	0,1250	0,1250			0,1250					
Warrant	NL0010957833	PSI20 3780SPLOPENG	EUR	14,6000	14,6000	14,1000			14,1000					
Warrant	NL0011858337	RANDS 39SPLOPENG	EUR	9,6900	9,6900	8,8200			8,8200					
Warrant	DE000CJ3PJ35	RANDS 44C 0619Z	EUR	0,5650	0,5650	0,5650			0,5650					
Warrant	DE000CJ3N9K3	RANDS 45C 0319Z	EUR	0,4750	0,4750	0,4750			0,4750					
Warrant	NL0009107044	RANDS 7.2SPLOPENG	EUR	38,5300	38,5300	37,6600			37,6600					
Warrant	NL0009111384	RANDS 9.5SPLOPENG	EUR	36,5600	36,5600	35,6900			35,6900					
Warrant	NL0009904036	RANDS 11.7SPLOPENG	EUR	34,5200	34,5200	33,6500			33,6500					
Warrant	NL0010102430	RANDS 12.9SPLOPENG	EUR	33,4800	33,4800	32,6100			32,6100					
Warrant	NL0010216800	RANDS 15.9SPLOPENG	EUR	30,7500	30,7500	29,8800			29,8800					
Warrant	NL0010218764	RANDS 17.8SPLOPENG	EUR	28,9900	28,9900	28,1200			28,1200					
Warrant	NL0010343992	RANDS 19.8SPLOPENG	EUR	27,1400	27,1400	26,2700			26,2700					
Warrant	NL0010361200	RANDS 21.9SPLOPENG	EUR	25,2500	25,2500	24,3800			24,3800					
Warrant	NL0010826194	RANDS 21.9SPLOPENG	EUR	23,4300	23,4300	22,5600			22,5600					
Warrant	NL0010830097	RANDS 24.1SPLOPENG	EUR	23,3300	23,3300	22,4600			22,4600					
Warrant	NL0010939732	RANDS 26.3SPLOPENG	EUR	21,2200	21,2200	20,3500			20,3500					
Warrant	NL0011847462	RANDS 30.9SPLOPENG	EUR	17,0900	17,0900	16,2200			16,2200					
Warrant	NL0011850946	RANDS 33.5SPLOPENG	EUR	14,7800	14,7800	13,9100			13,9100					
Warrant	NL0011857370	RANDS 36.2SPLOPENG	EUR	12,3300	12,3300	11,4600			11,4600					
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	0,0440	0,0440	0,0440			0,0440					
Warrant	NL0011195342	RANDS 58.2SPSOPENG	EUR	19,7400	20,5300	19,7400			20,5300					
Warrant	NL0011304498	RANDS 63.9SPSOPENG	EUR	26,1100	26,9000	26,1100			26,9000					
Warrant	NL0010812327	RANDS26.46SPLOPENG	EUR	21,8800	21,8800	21,0100			21,0100					
Warrant	NL0010943122	RANDS26.68SPLOPENG	EUR	18,6600	18,6600	17,7900			17,7900					
Warrant	NL0011847306	RANDS28.27SPLOPENG	EUR	17,0700	17,0700	16,2000			16,2000					
Warrant	NL0011847595	RANDS29.92SPLOPENG	EUR	15,4200	15,4200	14,5500			14,5500					
Warrant	NL0011847587	RANDS31.65SPLOPENG	EUR	13,6800	13,6800	12,8100			12,8100					
Warrant	NL0011848767	RANDS33.22SPLOPENG	EUR	12,1200	12,1200	11,2500			11,2500					
Warrant	NL0011851712	RANDS35.12SPLOPENG	EUR	10,2200	10,2200	9,3500			9,3500					



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	NL0011856570	RANDS37.12SPLOPENG	EUR	8,2100	8,2100	7,3400			7,3400					
Warrant	NL0011857594	RANDS39.24SPLOPENG	EUR	6,0600	6,0600	5,2300	2073,5000	3	5,2300	350				
Warrant	NL0012834329	RANDS41.21SPLOPENG	EUR	4,1200	4,1200	3,1900	915,9600	2	3,2500	282				
Warrant	NL0011859210	RANDS41.42SPLOPENG	EUR											
Warrant	NL0011859707	RANDS43.71SPLOPENG	EUR											
Warrant	NL0012833867	RANDS44.14SPSOPENG	EUR											
Warrant	DE000CV896G0	RANDS44.35C 1218Z	EUR	0,3250	0,3250	0,3250			0,3250					
Warrant	NL0011862693	RANDS46.11SPLOPENG	EUR											
Warrant	NL0012831853	RANDS47.47SPSOPENG	EUR	2,7100	3,5000	2,7100	1178,0000	2	3,5000	400				
Warrant	NL0012823298	RANDS49.14SPLOPENG	EUR											
Warrant	DE000CV896H8	RANDS49.28C 1218Z	EUR	0,0520	0,0520	0,0520			0,0520					
Warrant	NL0012825376	RANDS51.58SPLOPENG	EUR											
Warrant	DE000CV896J4	RANDS54.21C 1218Z	EUR	0,0110	0,0110	0,0110			0,0110					
Warrant	NL0012481188	RANDS54.89SPSOPENG	EUR	10,1400	10,9300	10,1400			10,9300					
Warrant	DE000CV8AMX0	RANDS58.15C 1218Z	EUR	0,0100	0,0100	0,0100			0,0100					
Warrant	NL0011301940	RANDS59.09SPSOPENG	EUR	14,3300	15,1200	14,3300			15,1200					
Warrant	DE000CV8ANK5	RANDS59.14C 0319Z	EUR	0,0190	0,0190	0,0190			0,0190					
Warrant	NL0012064620	RELX 14SPLOPENG	EUR	5,0900	5,0900	4,8400			4,8400					
Warrant	NL0006423501	RELX 1.2SPLOPENG	EUR	25,5800	25,5800	25,2000			25,2000					
Warrant	NL0010087599	RELX 3.7SPLOPENG	EUR	22,1100	22,1100	21,7300			21,7300					
Warrant	NL0010214706	RELX 4.8SPLOPENG	EUR	20,5600	20,5600	20,1900			20,1900					
Warrant	NL0010744066	RELX 8.3SPLOPENG	EUR	15,6400	15,6400	15,2600			15,2600					
Warrant	NL0010746236	RELX 9.1SPLOPENG	EUR	14,6000	14,6000	14,2200			14,2200					
Warrant	NL0010940789	RELX 9.8SPLOPENG	EUR	13,5300	13,5300	13,1500			13,1500					
Warrant	NL0010944583	RELX 10.7SPLOPENG	EUR	12,4000	12,4000	12,0200			12,0200					
Warrant	NL0010967832	RELX 11.5SPLOPENG	EUR	11,1700	11,1700	10,7900			10,7900					
Warrant	NL0011372610	RELX 12.7SPLOPENG	EUR	6,2100	6,2100	5,9600			5,9600					
Warrant	NL0012068068	RELX 15.3SPLOPENG	EUR	3,8600	3,8600	3,6200			3,6200					
Warrant	NL0012481394	RELX 16.7SPLOPENG	EUR	2,6000	2,6000	2,3500			2,3500					
Warrant	NL0012824098	RELX 18.2SPLOPENG	EUR											
Warrant	NL0012465132	RELX 21.5SPSOPENG	EUR	6,3500	6,5900	6,3500			6,5900					
Warrant	NL0011370028	RWE 9SPLOPENG	EUR	9,3600	9,4700	9,3600			9,4700					
Warrant	NL0011374004	RWE 8.3SPLOPENG	EUR	9,9700	10,0800	9,9700			10,0800					
Warrant	NL0011374491	RWE 9.6SPLOPENG	EUR	8,7500	8,8600	8,7500			8,8600					
Warrant	NL0010587838	RYA 3.8SPLOPENG	EUR	9,2800	9,2800	9,2800			9,2800					
Warrant	NL0010598454	RYA 4.9SPLOPENG	EUR	8,2500	8,2500	8,2500			8,2500					
Warrant	NL0010537254	SANOF 52SPLOPENG	EUR	30,3700	30,3700	29,6300			29,6300					
Warrant	NL0012819411	SANOF 62SPLOPENG	EUR	21,0000	21,0000	20,2600			20,2600					
Warrant	NL0010537072	SANOF 56.9SPLOPENG	EUR	25,7600	25,7600	25,0200			25,0200					
Warrant	NL0012829915	SANOF 67.6SPLOPENG	EUR	15,8000	15,8000	15,0600			15,0600					
Warrant	NL0011206891	SANOF 89.9SPSOPENG	EUR	18,8000	19,4800	18,8000			19,4800					
Warrant	NL0011194683	SANOF100.9SPSOPENG	EUR	30,7300	31,4100	30,7300			31,4100					
Warrant	NL0006423840	SBMOF 6SPLOPENG	EUR	9,7600	9,7600	9,4000			9,4000					
Warrant	DE000CV896N6	SBMOF 12C 1218Z	EUR	2,9650	2,9650	2,9650			2,9650					
Warrant	NL0012825996	SBMOF 12SPLOPENG	EUR	4,3700	4,3700	4,0100			4,0100					
Warrant	NL0010215521	SBMOF 5.6SPLOPENG	EUR	10,2000	10,2000	9,8500			9,8500					
Warrant	NL0006423246	SBMOF 7.3SPLOPENG	EUR	8,6200	8,6200	8,2700			8,2700					
Warrant	NL0010216032	SBMOF 7.9SPLOPENG	EUR	8,0800	8,0800	7,7200			7,7200					
Warrant	NL0011010178	SBMOF 8.5SPLOPENG	EUR	7,5500	7,5500	7,1900			7,1900					
Warrant	NL0011372594	SBMOF 9.2SPLOPENG	EUR	6,9600	6,9600	6,6100			6,6100					
Warrant	NL0012824478	SBMOF 9.8SPLOPENG	EUR	6,3700	6,3700	6,0200			6,0200					
Warrant	NL0012824965	SBMOF 10.5SPLOPENG	EUR	5,7500	5,7500	5,4000			5,4000					
Warrant	NL0012825459	SBMOF 11.2SPLOPENG	EUR	5,0800	5,0800	4,7200			4,7200					
Warrant	NL0012825988	SBMOF 12.8SPLOPENG	EUR	3,6100	3,6100	3,2500			3,2500					
Warrant	DE000CV896P1	SBMOF 13.5C 1218Z	EUR	1,6900	1,6900	1,6900			1,6900					
Warrant	NL0012828735	SBMOF 13.7SPLOPENG	EUR	2,7800	2,7800	2,4300			2,4300					
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 18.6SPSOPENG	EUR	5,6400	5,9800	5,6400			5,9800					
Warrant	NL0010967642	SBMOF 6.85SPLOPENG	EUR	8,4400	8,4400	8,0800			8,0800					
Warrant	NL0010967634	SBMOF 7.23SPLOPENG	EUR	8,0500	8,0500	7,6900			7,6900					
Warrant	NL0010958641	SBMOF 7.63SPLOPENG	EUR	7,6500	7,6500	7,3000			7,3000					
Warrant	NL0010968871	SBMOF 8.06SPLOPENG	EUR	7,2300	7,2300	6,8700	1380,0000	1	6,8700	200				
Warrant	NL0010969234	SBMOF 8.49SPLOPENG	EUR	6,7900	6,7900	6,4300			6,4300					
Warrant	NL0011364781	SBMOF 8.98SPLOPENG	EUR	6,3600	6,3600	6,0000			6,0000					
Warrant	NL0011372339	SBMOF 9.45SPLOPENG	EUR	5,8500	5,8500	5,4900			5,4900					
Warrant	NL0012824767	SBMOF 9.92SPLOPENG	EUR	5,4000	5,4000	5,0400			5,0400					
Warrant	NL0012825020	SBMOF10.44SPLOPENG	EUR	4,8800	4,8800	4,5200			4,5200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012825103	SBMOF10.98SPLOPENG	EUR	4,3400	4,3400	3,9900			3,9900					
Warrant	NL0012825806	SBMOF11.53SPLOPENG	EUR	3,7900	3,7900	3,4300			3,4300					
Warrant	NL0012825798	SBMOF12.12SPLOPENG	EUR	3,2000	3,2000	2,8500			2,8500					
Warrant	NL0012825780	SBMOF12.73SPLOPENG	EUR	2,5900	2,5900	2,2400			2,2400					
Warrant	NL0012827729	SBMOF13.38SPLOPENG	EUR	1,9400	1,9400	1,5900			1,5900					
Warrant	NL0012823306	SBMOF13.69SPSOPENG	EUR											
Warrant	NL0012828693	SBMOF14.05SPLOPENG	EUR	1,2700	1,2700	0,9100			0,9100					
Warrant	NL0012473052	SBMOF14.71SPSOPENG	EUR											
Warrant	NL0012828685	SBMOF14.73SPLOPENG	EUR											
Warrant	NL0012829808	SBMOF14.76SPLOPENG	EUR											
Warrant	NL0012833875	SBMOF15.59SPSOPENG	EUR	0,5500	0,8900	0,5500			0,8900					
Warrant	NL0012063036	SBMOF15.82SPSOPENG	EUR											
Warrant	NL0012831861	SBMOF16.28SPLOPENG	EUR											
Warrant	NL0012832083	SBMOF16.77SPSOPENG	EUR	1,7400	2,0800	1,7400			2,0800					
Warrant	NL0012461925	SBMOF16.89SPSOPENG	EUR											
Warrant	NL0012831556	SBMOF18.05SPSOPENG	EUR	3,0200	3,3600	3,0200			3,3600					
Warrant	NL0012294375	SDJES 70C 0927G	EUR	8,4600	8,4600	8,2300			8,2300					
Warrant	NL0012818447	SDJES 69.7C 1028G	EUR	9,6000	9,6100	9,3700	41150,9800	7	9,3700	4286				
Warrant	NL0012703094	SDJES 70.4C 0328G	EUR	8,1900	8,1900	7,9800			7,9800					
Warrant	NL0012703078	SDJES 71.1C 0228G	EUR	7,8800	7,8800	7,6900			7,6900					
Warrant	NL0012235832	SDJES 71.6C 0427G	EUR	7,5200	7,5200	7,3200			7,3200					
Warrant	NL0012375257	SDJES 73.8C 1027G	EUR	7,3800	7,3800	7,1700			7,1700					
Warrant	NL0012703045	SDJES 75.1C 0128G	EUR	6,9200	6,9200	6,7400			6,7400					
Warrant	NL0012156152	SDJES64.56C 0227G	EUR	10,6400	10,6400	10,3700			10,3700					
Warrant	NL0012156137	SDJES65.61C 0127G	EUR	10,0000	10,0000	9,7300			9,7300					
Warrant	NL0012156178	SDJES66.01C 0327G	EUR	9,9900	9,9900	9,7300			9,7300					
Warrant	NL0012156160	SDJES66.06C 0227G	EUR	9,8500	9,8500	9,5800			9,5800					
Warrant	NL0012703110	SDJES67.32C 0328G	EUR	9,8400	9,8400	9,6000			9,6000					
Warrant	NL0012818454	SDJES67.35C 1028G	EUR	10,4100	10,4300	10,1700	25065,5500	2	10,1700	2410				
Warrant	NL0012156186	SDJES67.56C 0327G	EUR	9,2100	9,2100	8,9600			8,9600					
Warrant	NL0012156194	SDJES68.14C 0327G	EUR	8,8500	8,8500	8,6100			8,6100					
Warrant	NL0012235824	SDJES68.14C 0427G	EUR	8,8400	8,8400	8,6100			8,6100					
Warrant	NL0012235790	SDJES68.63C 0327G	EUR	8,7300	8,7300	8,4900			8,4900					
Warrant	NL0012235808	SDJES68.63C 0327G	EUR	8,7900	8,7900	8,5500			8,5500					
Warrant	NL0012703086	SDJES68.91C 0328G	EUR	8,6300	8,6300	8,4100			8,4100					
Warrant	NL0012235816	SDJES69.59C 0427G	EUR	8,2400	8,2400	8,0100			8,0100					
Warrant	NL0012703102	SDJES69.69C 0328G	EUR	8,5600	8,5600	8,3400			8,3400					
Warrant	NL0012703060	SDJES69.87C 0228G	EUR	7,9800	7,9800	7,7700			7,7700					
Warrant	NL0012818421	SDJES69.95C 0928G	EUR	9,8700	9,8700	9,6300	4890,0000	1	9,6300	500				
Warrant	NL0012703128	SDJES70.35C 0428G	EUR	8,7700	8,7700	8,5400			8,5400					
Warrant	NL0012818462	SDJES70.55C 1128G	EUR											
Warrant	NL0012703136	SDJES70.85C 0428G	EUR	8,6700	8,6700	8,4500			8,4500					
Warrant	NL0012818397	SDJES70.87C 0728G	EUR	9,1200	9,1200	8,8900			8,8900					
Warrant	NL0012818389	SDJES70.88C 0628G	EUR	9,0800	9,0800	8,8500			8,8500					
Warrant	NL0012294359	SDJES71.03C 0727G	EUR	7,9400	7,9400	7,7300			7,7300					
Warrant	NL0012703052	SDJES71.32C 0228G	EUR	7,6100	7,6100	7,4200			7,4200					
Warrant	NL0012294383	SDJES71.34C 0927G	EUR	8,0900	8,0900	7,8800			7,8800					
Warrant	NL0012818413	SDJES71.49C 0928G	EUR	9,2500	9,2500	9,0200			9,0200					
Warrant	NL0012294367	SDJES71.67C 0727G	EUR	7,6200	7,6200	7,4200			7,4200					
Warrant	NL0012818439	SDJES71.81C 0928G	EUR	8,9900	9,0000	8,7700	5266,0000	2	8,7700	589				
Warrant	NL0012294276	SDJES71.88C 0527G	EUR	7,4100	7,4100	7,2100			7,2100					
Warrant	NL0012294334	SDJES72.18C 0627G	EUR	7,5700	7,5700	7,3600			7,3600					
Warrant	NL0012294391	SDJES72.29C 0927G	EUR	7,7600	7,7600	7,5500			7,5500					
Warrant	NL0012294326	SDJES72.33C 0627G	EUR	7,4800	7,4800	7,2800			7,2800					
Warrant	NL0012818306	SDJES72.39C 0428G	EUR	8,1000	8,1000	7,8900			7,8900					
Warrant	NL0012294300	SDJES72.53C 0527G	EUR	7,2700	7,2700	7,0700			7,0700					
Warrant	NL0012294342	SDJES72.53C 0627G	EUR	7,5300	7,5300	7,3200			7,3200					
Warrant	NL0012818405	SDJES72.54C 0728G	EUR	8,5800	8,5800	8,3600			8,3600					
Warrant	NL0012294318	SDJES72.63C 0527G	EUR	7,3200	7,3200	7,1100			7,1100					
Warrant	NL0012818363	SDJES72.81C 0628G	EUR	8,2100	8,2100	8,0000			8,0000					
Warrant	NL0012375273	SDJES72.81C 1127G	EUR	7,5900	7,5900	7,3800			7,3800					
Warrant	NL0012818355	SDJES72.84C 0528G	EUR	8,3000	8,3000	8,0800			8,0800					
Warrant	NL0012375281	SDJES73.14C 1227G	EUR	7,5400	7,5400	7,3400			7,3400					
Warrant	NL0012818371	SDJES73.17C 0628G	EUR	8,1000	8,1000	7,8900			7,8900					
Warrant	NL0012294284	SDJES73.41C 0527G	EUR	6,9000	6,9000	6,7000			6,7000					
Warrant	NL0012818314	SDJES73.52C 0428G	EUR	7,8600	7,8600	7,6500			7,6500					
Warrant	NL0012294292	SDJES73.64C 0527G	EUR	6,8700	6,8700	6,6700			6,6700					
Warrant	NL0012375240	SDJES73.76C 1027G	EUR	7,3000	7,3000	7,1000			7,1000					
Warrant	NL0012703037	SDJES73.99C 0128G	EUR	7,1500	7,1500	6,9500			6,9500					
Warrant	NL0012818322	SDJES74.01C 0528G	EUR	7,7600	7,7600	7,5500			7,5500					
Warrant	NL0012818330	SDJES74.21C 0528G	EUR	7,6100	7,6100	7,4000			7,4000					
Warrant	NL0012818348	SDJES74.96C 0528G	EUR	7,4300	7,4300	7,2400			7,2400					



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	NL0012375265	SDJE575.28C 1127G	EUR	6,9800	6,9800	6,8000			6,8000					
Warrant	XS1264751105	SELRE STN0923G	EUR	99,5400	99,5400	99,4100			99,4100					
Warrant	NL0011492822	SHELL 13SPLOPENG	EUR	15,7300	15,7300	15,3100			15,3100					
Warrant	NL0011628532	SHELL 18SPLOPENG	EUR	11,1400	11,1400	10,7200			10,7200					
Warrant	NL0011856182	SHELL 19SPLOPENG	EUR	10,1300	10,1300	9,7100			9,7100					
Warrant	DE000CV896L0	SHELL 27C 1218Z	EUR	0,8800	0,8800	0,8800			0,8800					
Warrant	DE000CV8AMZ5	SHELL 30C 0319Z	EUR	0,0760	0,0760	0,0570	228,0000	1	0,0570	3000				
Warrant	DE000CV896M8	SHELL 30C 1218Z	EUR	0,1030	0,1030	0,1030			0,1030					
Warrant	NL0006420960	SHELL 0.8SPLOPENG	EUR	27,0300	27,0300	26,6200			26,6200					
Warrant	NL0006427700	SHELL 2.5SPLOPENG	EUR	25,4400	25,4400	25,0300			25,0300					
Warrant	NL0009107051	SHELL 4.1SPLOPENG	EUR	24,0100	24,0100	23,5900			23,5900					
Warrant	NL0009111111	SHELL 5.2SPLOPENG	EUR	22,9900	22,9900	22,5800			22,5800					
Warrant	NL0009111988	SHELL 6.3SPLOPENG	EUR	21,9700	21,9700	21,5500			21,5500					
Warrant	NL0009230697	SHELL 7.4SPLOPENG	EUR	20,9600	20,9600	20,5500			20,5500					
Warrant	NL0009234319	SHELL 8.6SPLOPENG	EUR	19,7800	19,7800	19,3700			19,3700					
Warrant	NL0009368901	SHELL 10.5SPLOPENG	EUR	18,0800	18,0800	17,6600			17,6600					
Warrant	NL0009763879	SHELL 12.2SPLOPENG	EUR	16,5100	16,5100	16,1000			16,1000					
Warrant	NL0011618848	SHELL 13.9SPLOPENG	EUR	14,8900	14,8900	14,4700			14,4700					
Warrant	NL0011619739	SHELL 14.9SPLOPENG	EUR	14,0000	14,0000	13,5900			13,5900					
Warrant	NL0011619994	SHELL 15.8SPLOPENG	EUR	12,0600	12,0600	11,6500			11,6500					
Warrant	NL0011622386	SHELL 15.9SPLOPENG	EUR	13,0900	13,0900	12,6800			12,6800					
Warrant	NL0011627823	SHELL 16.9SPLOPENG	EUR	12,1200	12,1200	11,7100			11,7100					
Warrant	NL0011860762	SHELL 20.2SPLOPENG	EUR	9,0600	9,0600	8,6500			8,6500					
Warrant	NL0011861885	SHELL 21.2SPLOPENG	EUR	6,6500	6,6500	6,2300			6,2300					
Warrant	NL0012076228	SHELL 21.3SPLOPENG	EUR	8,0400	8,0400	7,6300			7,6300					
Warrant	NL0011853791	SHELL 21.9SPLOPENG	EUR											
Warrant	NL0012081368	SHELL 22.4SPLOPENG	EUR	6,9700	6,9700	6,5500			6,5500					
Warrant	NL0011859392	SHELL 22.6SPLOPENG	EUR											
Warrant	NL0012473128	SHELL 23.6SPLOPENG	EUR	5,8600	5,8600	5,4400			5,4400					
Warrant	NL0012478960	SHELL 24.9SPLOPENG	EUR	4,7100	4,7100	4,3000			4,3000					
Warrant	NL0012479554	SHELL 26.1SPLOPENG	EUR	3,5200	3,5200	3,1000			3,1000					
Warrant	NL0012827943	SHELL 27.4SPLOPENG	EUR											
Warrant	NL0012831168	SHELL 27.4SPLOPENG	EUR											
Warrant	NL0012481345	SHELL 27.4SPLOPENG	EUR											
Warrant	NL0012829113	SHELL 28.3SPSOPENG	EUR											
Warrant	NL0012831150	SHELL 28.8SPLOPENG	EUR											
Warrant	NL0012829386	SHELL 29.3SPSOPENG	EUR											
Warrant	NL0012478978	SHELL 31.4SPSOPENG	EUR	6,2900	6,7000	6,2900			6,7000					
Warrant	NL0012827950	SHELL 33.6SPSOPENG	EUR	8,6700	9,0800	8,6700			9,0800					
Warrant	NL0011492483	SHELL 9.76SPLOPENG	EUR	18,0900	18,0900	17,6800			17,6800					
Warrant	NL0011371372	SHELL12.13SPLOPENG	EUR	15,7300	15,7300	15,3200			15,3200					
Warrant	NL0011617204	SHELL13.87SPLOPENG	EUR	13,9800	13,9800	13,5600			13,5600					
Warrant	NL0011618723	SHELL14.81SPLOPENG	EUR	13,0500	13,0500	12,6400			12,6400					
Warrant	NL0011622659	SHELL16.81SPLOPENG	EUR	11,0700	11,0700	10,6500			10,6500					
Warrant	NL0011628334	SHELL17.88SPLOPENG	EUR	10,0100	10,0100	9,6000			9,6000					
Warrant	NL0011856075	SHELL18.95SPLOPENG	EUR	8,9300	8,9300	8,5200	441,0000	1	8,5200	50				
Warrant	NL0011861653	SHELL19.43SPLOPENG	EUR	8,4400	8,4400	8,0300			8,0300					
Warrant	NL0011859715	SHELL20.05SPLOPENG	EUR	7,8100	7,8100	7,4000			7,4000					
Warrant	NL0011620760	SHELL20.15SPLOPENG	EUR											
Warrant	NL0012080600	SHELL21.78SPLOPENG	EUR	6,1000	6,1000	5,6900			5,6900					
Warrant	NL0012461909	SHELL22.96SPLOPENG	EUR	4,9200	4,9200	4,5000			4,5000					
Warrant	NL0012475206	SHELL23.42SPLOPENG	EUR	4,4600	4,4600	4,0400			4,0400					
Warrant	NL0012472096	SHELL24.17SPLOPENG	EUR	3,6200	3,7100	3,2000	2521,0000	3	3,2000	700				
Warrant	NL0012067516	SHELL25.39SPSOPENG	EUR											
Warrant	NL0012478812	SHELL25.44SPLOPENG	EUR	2,4300	2,5600	2,0300	320,0000	1	2,0300	125				
Warrant	NL0012480347	SHELL26.76SPLOPENG	EUR											
Warrant	NL0012819346	SHELL27.35SPLOPENG	EUR											
Warrant	NL0012830822	SHELL28.09SPLOPENG	EUR											
Warrant	NL0012819338	SHELL28.49SPLOPENG	EUR											
Warrant	NL0012820567	SHELL30.36SPSOPENG	EUR	2,7200	3,1300	2,7200			3,1300					
Warrant	NL0012469407	SHELL32.69SPSOPENG	EUR	5,0600	5,4700	5,0600			5,4700					
Warrant	NL0012819296	SHELL35.01SPSOPENG	EUR	7,3700	7,7800	7,3700			7,7800					
Warrant	NL0012827018	SILVE 14SPLOPENG	EUR											
Warrant	NL0012827190	SILVE 5.1SPLOPENG	EUR	8,7100	8,7500	8,7100			8,7500					
Warrant	NL0012827182	SILVE 6.1SPLOPENG	EUR	7,8700	7,9100	7,8700			7,9100					
Warrant	NL0012827174	SILVE 7.1SPLOPENG	EUR	7,0300	7,0600	7,0300			7,0600					
Warrant	NL0012827166	SILVE 8.1SPLOPENG	EUR	6,1900	6,2200	6,1900			6,2200					
Warrant	NL0012827158	SILVE 9.1SPLOPENG	EUR	5,3400	5,3700	5,3400			5,3700					
Warrant	NL0006408593	SILVE 9.9SPLOPENG	EUR	4,6400	4,6700	4,6400			4,6700					
Warrant	NL0012827141	SILVE 10.1SPLOPENG	EUR	4,5000	4,5300	4,5000			4,5300					
Warrant	NL0006408601	SILVE 10.6SPLOPENG	EUR	4,1200	4,1500	4,1200			4,1500					
Warrant	NL0012827133	SILVE 11.1SPLOPENG	EUR	3,6600	3,6900	3,6600			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
Warrant	NL0012827059	SILVE 11.1SPLOPENG	EUR	3,2600	3,2900	3,2600			3,2900					
Warrant	NL0012827042	SILVE 12.1SPLOPENG	EUR	2,3700	2,3900	2,3700	238,0000	1	2,3900	100				
Warrant	NL0012827125	SILVE 12.2SPLOPENG	EUR	2,8200	2,8500	2,8200			2,8500					
Warrant	NL0006423808	SILVE 12.4SPLOPENG	EUR	2,6300	2,6500	2,6300			2,6500					
Warrant	NL0012827117	SILVE 13.2SPLOPENG	EUR	1,9800	2,0000	1,9800			2,0000					
Warrant	NL0011618384	SILVE 13.5SPLOPENG	EUR	1,6800	1,6900	1,6800			1,6900					
Warrant	NL0006425597	SILVE 13.7SPLOPENG	EUR	1,5200	1,5400	1,5200			1,5400					
Warrant	NL0012829626	SILVE 14.1SPLOPENG	EUR	1,2100	1,2200	1,2100			1,2200					
Warrant	NL0011483482	SILVE 14.4SPLOPENG	EUR											
Warrant	NL0012827000	SILVE 14.4SPLOPENG	EUR											
Warrant	NL0012832661	SILVE 14.5SPLOPENG	EUR											
Warrant	NL0011483672	SILVE 14.8SPLOPENG	EUR											
Warrant	NL0012829634	SILVE 14.8SPSOPENG	EUR											
Warrant	NL0012832026	SILVE 14.8SPSOPENG	EUR											
Warrant	NL0012825152	SILVE 15.2SPLOPENG	EUR											
Warrant	NL0012828073	SILVE 15.3SPSOPENG	EUR	0,6000	0,6000	0,4500	583,7500	2	0,5800	1075				
Warrant	NL0012827869	SILVE 15.6SPSOPENG	EUR	1,5700	1,5700	1,5600			1,5600					
Warrant	NL0012824643	SILVE 16.1SPSOPENG	EUR	1,3400	1,3400	1,3300			1,3300					
Warrant	NL0012063085	SILVE 16.4SPLOPENG	EUR											
Warrant	NL0012825160	SILVE 16.4SPSOPENG	EUR	2,3300	2,3300	2,3300			2,3300					
Warrant	NL0012823173	SILVE 17.3SPSOPENG	EUR	3,1400	3,1400	3,1300			3,1300					
Warrant	NL0011859095	SILVE 17.7SPLOPENG	EUR											
Warrant	NL0012070627	SILVE 18.2SPSOPENG	EUR	3,9800	3,9800	3,9800			3,9800					
Warrant	NL0011856406	SILVE 19.2SPSOPENG	EUR	4,8700	4,8700	4,8700			4,8700					
Warrant	NL0011851829	SILVE 19.8SPLOPENG	EUR											
Warrant	NL0011852595	SILVE 20.2SPSOPENG	EUR	5,8100	5,8200	5,8100			5,8200					
Warrant	NL0011846118	SILVE 21.3SPSOPENG	EUR	6,8000	6,8100	6,8000			6,8100					
Warrant	NL0010358487	SILVE 23.6SPSOPENG	EUR	8,9300	8,9500	8,9300			8,9500					
Warrant	NL0011848627	SILVE 24.8SPSOPENG	EUR	10,0200	10,0400	10,0200			10,0400					
Warrant	NL0012827083	SILVE 8.07SPLOPENG	EUR	5,9100	5,9500	5,9100			5,9500					
Warrant	NL0012827067	SILVE10.09SPLOPENG	EUR	4,1500	4,1700	4,1500			4,1700					
Warrant	NL0011485875	SILVE13.23SPLOPENG	EUR	1,3600	1,4500	1,3600	851,0000	3	1,3800	600				
Warrant	NL0011481973	SILVE13.57SPLOPENG	EUR	1,0300	1,2100	1,0300	4764,6800	9	1,0700	4346				
Warrant	NL0011365903	SILVE13.92SPLOPENG	EUR	0,7300	0,8900	0,7200	37378,0200	8	0,7400	46242				
Warrant	NL0011305065	SILVE14.19SPLOPENG	EUR											
Warrant	NL0012830996	SILVE14.27SPLOPENG	EUR											
Warrant	NL0012827687	SILVE14.52SPLOPENG	EUR											
Warrant	NL0011299003	SILVE14.52SPLOPENG	EUR											
Warrant	NL0012830004	SILVE14.54SPSOPENG	EUR											
Warrant	NL0011486774	SILVE14.88SPLOPENG	EUR											
Warrant	NL0012828784	SILVE14.92SPSOPENG	EUR	0,2700	0,2700	0,2100	1,0500	1	0,2500	5				
Warrant	NL0012828065	SILVE14.92SPSOPENG	EUR											
Warrant	NL0012825905	SILVE15.69SPSOPENG	EUR	0,9900	0,9900	0,9800			0,9800					
Warrant	NL0012063648	SILVE16.48SPLOPENG	EUR											
Warrant	NL0012822902	SILVE16.51SPSOPENG	EUR	1,6600	1,6600	1,6500			1,6500					
Warrant	NL0012822068	SILVE16.93SPSOPENG	EUR	2,0300	2,0300	2,0200			2,0200					
Warrant	NL0011843297	SILVE17.32SPLOPENG	EUR											
Warrant	NL0012472609	SILVE17.37SPSOPENG	EUR	2,4100	2,4100	2,4100			2,4100					
Warrant	NL0011858451	SILVE17.51SPLOPENG	EUR											
Warrant	NL0012081202	SILVE17.81SPSOPENG	EUR	2,8000	2,8000	2,8000			2,8000					
Warrant	NL0011858881	SILVE17.95SPLOPENG	EUR											
Warrant	NL0012070452	SILVE18.27SPSOPENG	EUR	3,2400	3,2400	3,2400			3,2400					
Warrant	NL0011860275	SILVE18.74SPSOPENG	EUR	3,6100	3,6100	3,6100			3,6100					
Warrant	NL0011856489	SILVE19.22SPSOPENG	EUR	4,0800	4,0800	4,0800			4,0800					
Warrant	NL0011853874	SILVE19.24SPLOPENG	EUR											
Warrant	NL0011855598	SILVE19.71SPSOPENG	EUR	4,4700	4,4800	4,4700			4,4800					
Warrant	NL0011851308	SILVE20.22SPSOPENG	EUR	4,9100	4,9100	4,9100			4,9100					
Warrant	NL0011846647	SILVE20.73SPSOPENG	EUR	5,4000	5,4100	5,4000			5,4100					
Warrant	NL0010587226	SILVE21.27SPSOPENG	EUR	5,8300	5,8300	5,8300			5,8300					
Warrant	NL0010534822	SILVE23.29SPSOPENG	EUR	7,6000	7,6100	7,6000			7,6100					
Warrant	NL0010358719	SILVE25.13SPSOPENG	EUR	9,2100	9,2300	9,2100			9,2300					
Warrant	NL0011848742	SILVE25.76SPSOPENG	EUR	9,8000	9,8200	9,8000			9,8200					
Warrant	NL0012827109	SILVE6.052SPLOPENG	EUR	7,6800	7,7200	7,6800			7,7200					
Warrant	NL0012827091	SILVE7.061SPLOPENG	EUR	6,8400	6,8700	6,8400			6,8700					
Warrant	NL0012827075	SILVE9.079SPLOPENG	EUR	5,0300	5,0600	5,0300			5,0600					
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											



Instrument Type	Exchange Instrument ID	Instrument 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	NL0010096483	SNSRE 1.45SPOPENG	EUR											
Warrant	NL0010095493	SNSRE 1.55SPOPENG	EUR											
Warrant	NL0010091419	SNSRE 1.75SPOPENG	EUR											
Warrant	NL0010090320	SNSRE 1.95SPOPENG	EUR											
Warrant	NL0009878271	SNSRE 2.35SPOPENG	EUR											
Warrant	NL0009234814	SNSRE 5.25SPOPENG	EUR											
Warrant	NL0011618889	SOGEN 18.85PPOPENG	EUR	16,1300	16,2300	16,1300			16,2300					
Warrant	NL0010959813	SOGEN 21.25PPOPENG	EUR	13,9000	14,0000	13,9000			14,0000					
Warrant	NL0011212576	SOGEN 51.85SPOPENG	EUR											
Warrant	NL0011855333	SOLVA 92SPPOPENG	EUR	18,5200	18,5200	17,8700			17,8700					
Warrant	NL0009112507	SOLVA 41.15PPOPENG	EUR	65,8200	65,8200	65,1700			65,1700					
Warrant	NL0010201976	SOLVA 63.25PPOPENG	EUR	45,2900	45,2900	44,6400			44,6400					
Warrant	NL0011621586	SOLVA 69.65PPOPENG	EUR	39,3400	39,3400	38,6900			38,6900					
Warrant	NL0011851001	SOLVA 83.85PPOPENG	EUR	26,0700	26,0700	25,4200			25,4200					
Warrant	NL0012064646	SOLVA100.5SPPOPENG	EUR											
Warrant	NL0011199286	SOLVA122.55SPPOPENG	EUR											
Warrant	NL0006427619	SP500 286SPPOPENG	EUR	21,4000	21,4000	21,4000			21,4000					
Warrant	NL0009882281	SP500 1053SPPOPENG	EUR	14,8800	14,8800	14,8800			14,8800					
Warrant	NL0009906999	SP500 1228SPPOPENG	EUR	13,3900	13,3900	13,3900			13,3900					
Warrant	NL0010203741	SP500 1298SPPOPENG	EUR	12,7900	12,7900	12,7900			12,7900					
Warrant	NL0010354338	SP500 1427SPPOPENG	EUR	11,3600	11,3600	11,3600			11,3600					
Warrant	NL0010352084	SP500 1457SPPOPENG	EUR	11,4400	11,4400	11,4400			11,4400					
Warrant	NL0010354296	SP500 1531SPPOPENG	EUR	10,4300	10,4300	10,4300			10,4300					
Warrant	NL0010362919	SP500 1542SPPOPENG	EUR	10,7300	10,7300	10,7300			10,7300					
Warrant	NL0010466140	SP500 1584SPPOPENG	EUR	9,9800	9,9800	9,9800			9,9800					
Warrant	NL0010527669	SP500 1631SPPOPENG	EUR	9,9700	9,9700	9,9700			9,9700					
Warrant	NL0010543898	SP500 1676SPPOPENG	EUR	9,1800	9,1800	9,1800			9,1800					
Warrant	NL0010545067	SP500 1714SPPOPENG	EUR	8,8400	8,8400	8,8400			8,8400					
Warrant	NL0010584215	SP500 1744SPPOPENG	EUR	9,1500	9,1500	9,0100	2013,0000	1	9,0100	220				
Warrant	NL0010585436	SP500 1752SPPOPENG	EUR	8,5000	8,5000	8,5000			8,5000					
Warrant	NL0010679551	SP500 1792SPPOPENG	EUR	8,1600	8,1600	8,1600			8,1600					
Warrant	NL0010679353	SP500 1803SPPOPENG	EUR	8,5100	8,5100	8,5100			8,5100					
Warrant	NL0010681037	SP500 1832SPPOPENG	EUR	7,8100	7,8100	7,8100			7,8100					
Warrant	NL0011492525	SP500 1841SPPOPENG	EUR	8,1800	8,1800	8,1800			8,1800					
Warrant	NL0011492541	SP500 1845SPPOPENG	EUR	7,6900	7,6900	7,6900			7,6900					
Warrant	NL0011620455	SP500 1873SPPOPENG	EUR	7,4500	7,4500	7,4500			7,4500					
Warrant	NL0011621271	SP500 1881SPPOPENG	EUR	7,8400	7,8400	7,8400			7,8400					
Warrant	NL0011620646	SP500 1901SPPOPENG	EUR	7,2100	7,2100	7,2100			7,2100					
Warrant	NL0011621917	SP500 1916SPPOPENG	EUR	7,0800	7,0800	7,0800			7,0800					
Warrant	NL0011621693	SP500 1921SPPOPENG	EUR	7,5000	7,5000	7,5000			7,5000					
Warrant	NL0011622600	SP500 1930SPPOPENG	EUR	6,9600	6,9600	6,9600			6,9600					
Warrant	NL0011618608	SP500 1939SPPOPENG	EUR											
Warrant	NL0011623756	SP500 1959SPPOPENG	EUR	6,7000	6,7000	6,7000			6,7000					
Warrant	NL0011624424	SP500 1962SPPOPENG	EUR	7,1500	7,1500	7,1500			7,1500					
Warrant	NL0011624150	SP500 1973SPPOPENG	EUR	6,5700	6,5700	6,5700			6,5700					
Warrant	NL0011625215	SP500 1988SPPOPENG	EUR	6,4400	6,4400	6,4400			6,4400					
Warrant	NL0011625843	SP500 2003SPPOPENG	EUR	6,3100	6,3100	6,3100			6,3100					
Warrant	NL0011625892	SP500 2014SPPOPENG	EUR	6,6900	6,6900	6,6900			6,6900					
Warrant	NL0011626270	SP500 2018SPPOPENG	EUR	6,1800	6,1800	6,1800			6,1800					
Warrant	NL0011626858	SP500 2032SPPOPENG	EUR	6,0500	6,0500	6,0500			6,0500					
Warrant	NL0011845706	SP500 2047SPPOPENG	EUR	5,9200	5,9200	5,9200			5,9200					
Warrant	NL0011845987	SP500 2067SPPOPENG	EUR	6,2500	6,2500	6,2500			6,2500					
Warrant	NL0011846068	SP500 2078SPPOPENG	EUR	5,6600	5,6600	5,6600			5,6600					
Warrant	NL0011847835	SP500 2108SPPOPENG	EUR	5,3900	5,3900	5,3900			5,3900					
Warrant	NL0011848155	SP500 2122SPPOPENG	EUR	5,7900	5,7900	5,7900			5,7900					
Warrant	NL0011848288	SP500 2124SPPOPENG	EUR	5,2500	5,2500	5,2500			5,2500					
Warrant	NL0011859970	SP500 2139SPPOPENG	EUR	5,1200	5,1200	5,1200			5,1200					
Warrant	NL0011860820	SP500 2155SPPOPENG	EUR	4,9800	4,9800	4,9800			4,9800					
Warrant	NL0011861075	SP500 2171SPPOPENG	EUR	4,8400	4,8400	4,8400			4,8400					
Warrant	NL0011861356	SP500 2177SPPOPENG	EUR	5,3100	5,3100	5,3100			5,3100					
Warrant	NL0011861091	SP500 2186SPPOPENG	EUR	4,7000	4,7000	4,7000			4,7000					
Warrant	NL0011861497	SP500 2202SPPOPENG	EUR	4,5600	4,5600	4,5600			4,5600					
Warrant	NL0011862818	SP500 2218SPPOPENG	EUR	4,4200	4,4200	4,4200			4,4200					
Warrant	NL0011862503	SP500 2234SPPOPENG	EUR	4,8300	4,8300	4,8300			4,8300					
Warrant	NL0012061543	SP500 2234SPPOPENG	EUR	4,2800	4,2800	4,2800			4,2800					
Warrant	NL0012063507	SP500 2250SPPOPENG	EUR	4,1400	4,1400	4,1400			4,1400					
Warrant	NL0012063945	SP500 2267SPPOPENG	EUR	3,9900	3,9900	3,9900			3,9900					
Warrant	NL0012065668	SP500 2283SPPOPENG	EUR	3,8500	3,8500	3,8500			3,8500					
Warrant	NL0012062434	SP500 2292SPPOPENG	EUR	4,3300	4,3300	4,3300			4,3300					
Warrant	NL0012066112	SP500 2317SPPOPENG	EUR	3,5600	3,5600	3,5600			3,5600					
Warrant	NL0012066153	SP500 2333SPPOPENG	EUR	3,4100	3,4100	3,4100			3,4100					
Warrant	NL0012066377	SP500 2350SPPOPENG	EUR	3,2600	3,2600	3,2600			3,2600					



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
Warrant	NL0012066518	SP500 2351SPLOPENG	EUR	3,8300	3,8300	3,8300			3,8300					
Warrant	NL0012068365	SP500 2367SPLOPENG	EUR	3,1100	3,1100	3,1100			3,1100					
Warrant	NL0012073076	SP500 2384SPLOPENG	EUR	2,9600	2,9600	2,9600			2,9600					
Warrant	NL0012073753	SP500 2401SPLOPENG	EUR	2,8100	2,8100	2,8100			2,8100					
Warrant	NL0012077705	SP500 2411SPLOPENG	EUR	3,3100	3,3100	3,3100			3,3100					
Warrant	NL0012076087	SP500 2418SPLOPENG	EUR	2,6700	2,6700	2,6700			2,6700					
Warrant	NL0012076590	SP500 2435SPLOPENG	EUR	2,5100	2,5100	2,5100			2,5100					
Warrant	NL0012077515	SP500 2453SPLOPENG	EUR	2,3600	2,3600	2,3600			2,3600					
Warrant	NL0012080295	SP500 2470SPLOPENG	EUR	2,2100	2,2100	2,2100			2,2100					
Warrant	NL0012077739	SP500 2473SPLOPENG	EUR	2,7900	2,7900	2,7900			2,7900					
Warrant	NL0012081194	SP500 2488SPLOPENG	EUR	2,0500	2,0500	2,0500			2,0500					
Warrant	NL0012462618	SP500 2506SPLOPENG	EUR	1,8900	1,8900	1,8900			1,8900					
Warrant	NL0012462600	SP500 2524SPLOPENG	EUR	1,7400	1,7400	1,7400			1,7400					
Warrant	NL0012462451	SP500 2536SPLOPENG	EUR	2,2500	2,2500	2,2500			2,2500					
Warrant	NL0012463707	SP500 2542SPLOPENG	EUR	1,5800	1,5800	1,5800			1,5800					
Warrant	NL0012465595	SP500 2560SPLOPENG	EUR	1,4200	1,4200	1,4200			1,4200					
Warrant	NL0012472906	SP500 2578SPLOPENG	EUR	1,2700	1,2700	1,2600	63,5000	1	1,2600	50				
Warrant	NL0012478713	SP500 2596SPLOPENG	EUR	1,5600	1,5600	1,1000	3133,5000	3	1,1000	2300				
Warrant	NL0012478507	SP500 2600SPLOPENG	EUR	2,1500	2,1500	1,7000	1505,0000	1	1,7000	700				
Warrant	NL0012478705	SP500 2614SPLOPENG	EUR											
Warrant	NL0012819262	SP500 2632SPLOPENG	EUR											
Warrant	NL0012819254	SP500 2651SPLOPENG	EUR											
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	NL0012833651	SP500 2821SPLOPENG	EUR	0,5400	1,0000	0,5400	378,0000	1	1,0000	700				
Warrant	NL0012830699	SP500 2838SPLOPENG	EUR											
Warrant	NL0012833669	SP500 2841SPLOPENG	EUR	1,1800	1,1800	1,1800			1,1800					
Warrant	NL0012832190	SP500 2853SPLOPENG	EUR	2,0200	2,0200	2,0200			2,0200					
Warrant	NL0012468805	SP500 2855SPLOPENG	EUR											
Warrant	NL0012833677	SP500 2861SPLOPENG	EUR	1,3500	1,3500	1,3500			1,3500					
Warrant	NL0012828495	SP500 2864SPLOPENG	EUR											
Warrant	NL0012080881	SP500 2869SPLOPENG	EUR											
Warrant	NL0012468813	SP500 2871SPLOPENG	EUR											
Warrant	NL0012832539	SP500 2882SPLOPENG	EUR	1,0700	1,5300	1,0700	95066,0000	7	1,5300	87680				
Warrant	NL0012469308	SP500 2890SPLOPENG	EUR											
Warrant	NL0012469316	SP500 2910SPLOPENG	EUR											
Warrant	NL0012832547	SP500 2922SPLOPENG	EUR	1,8900	1,8900	1,8900			1,8900					
Warrant	NL0012832208	SP500 2926SPLOPENG	EUR	2,6900	2,6900	2,6900			2,6900					
Warrant	NL0012471080	SP500 2926SPLOPENG	EUR											
Warrant	NL0012465496	SP500 2935SPLOPENG	EUR											
Warrant	NL0012471098	SP500 2943SPLOPENG	EUR	2,0500	2,0500	2,0500			2,0500					
Warrant	NL0012825715	SP500 2964SPLOPENG	EUR	2,2500	2,2500	2,2500			2,2500					
Warrant	NL0012826796	SP500 2985SPLOPENG	EUR	2,4400	2,4400	2,4400			2,4400					
Warrant	NL0012832216	SP500 3001SPLOPENG	EUR	3,3700	3,3700	3,3700			3,3700					
Warrant	NL0012828115	SP500 3006SPLOPENG	EUR	2,6200	2,6200	2,6200			2,6200					
Warrant	NL0012829048	SP500 3048SPLOPENG	EUR	2,9900	2,9900	2,9900			2,9900					
Warrant	NL0012829741	SP500 3069SPLOPENG	EUR	3,1800	3,1800	3,1800			3,1800					
Warrant	NL0012466734	SP500 3078SPLOPENG	EUR	4,0600	4,0600	4,0600			4,0600					
Warrant	NL0012830707	SP500 3091SPLOPENG	EUR	3,3700	3,3700	3,3700			3,3700					
Warrant	NL0012467252	SP500 3156SPLOPENG	EUR	4,7700	4,7700	4,7700			4,7700					
Warrant	NL0012469829	SP500 3236SPLOPENG	EUR	5,5000	5,5000	5,5000			5,5000					
Warrant	NL0012474977	SP500 3318SPLOPENG	EUR	6,2400	6,2400	6,2400			6,2400					
Warrant	NL0006421695	SPBRI 7705PLOPENG	EUR	21,3600	21,5000	21,3600			21,5000					
Warrant	NL0009107838	SPBRI 1360SPLOPENG	EUR	15,7100	15,8400	15,7100			15,8400					
Warrant	NL0009111145	SPBRI 1590SPLOPENG	EUR	13,5300	13,6700	13,5300			13,6700					
Warrant	NL0010463147	SVT 1049SPLOPENG	EUR	10,6700	10,6700	10,6700			10,6700					
Warrant	NL0010459319	SVT 1289SPLOPENG	EUR	8,1700	8,1700	8,1700			8,1700					
Warrant	NL0010592929	TBOND 1205PLOPENG	EUR	19,4900	19,4900	19,0400			19,0400					
Warrant	NL0010541389	TBOND 1225PLOPENG	EUR	17,3000	17,3000	16,8400			16,8400					
Warrant	NL0010535290	TBOND 1255PLOPENG	EUR	15,0100	15,0100	14,5500			14,5500					
Warrant	NL0009878602	TBOND 1325PLOPENG	EUR	9,0400	9,0400	8,5500			8,5500					
Warrant	NL0010599999	TBOND 1355PLOPENG	EUR	6,6700	6,6700	6,1700			6,1700					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0012829725	TBOND 139SPLOPENG	EUR											
Warrant	NL0012827901	TBOND 143SPLOPENG	EUR											
Warrant	NL0012830160	TBOND 144SPLOPENG	EUR	9,7400	10,2900	9,7400				10,2900				
Warrant	NL0012079099	TBOND 153SPSOPENG	EUR	17,9400	18,5200	17,9400				18,5200				
Warrant	NL0011850706	TBOND 158SPSOPENG	EUR	22,3300	22,9400	22,3300				22,9400				
Warrant	NL0011845136	TBOND 160SPSOPENG	EUR	24,0700	24,6800	24,0700				24,6800				
Warrant	NL0010591152	TESLA 110SPLOPENG	EUR	21,5200	21,5200	21,5200				21,5200				
Warrant	NL0010590360	TESLA 118SPLOPENG	EUR	20,8700	20,8700	20,8700				20,8700				
Warrant	NL0010588653	TESLA 127SPLOPENG	EUR	20,1500	20,1500	20,1500				20,1500				
Warrant	NL0010591749	TESLA 136SPLOPENG	EUR	19,4500	19,4500	19,4500				19,4500				
Warrant	NL0010592549	TESLA 145SPLOPENG	EUR	18,7000	18,7000	18,7000				18,7000				
Warrant	DE000CJ3N955	TESLA 275C 0319Z	EUR	4,0450	4,0450	4,0450				4,0450				
Warrant	DE000CJ3N948	TESLA 275C 1218Z	EUR	3,3750	3,3750	3,3750				3,3750				
Warrant	DE000CV506T8	TESLA 300C 0319Z	EUR	6,5000	6,5000	6,5000				6,5000				
Warrant	DE000CV8AKP0	TESLA 300C 1218Z	EUR	2,4750	2,4750	2,4750				2,4750				
Warrant	DE000CV8AKQ8	TESLA 320C 1218Z	EUR	1,8350	1,8350	1,8350				1,8350				
Warrant	DE000CV506S0	TESLA 330C 0319Z	EUR	4,8900	4,8900	4,8900				4,8900				
Warrant	DE000CV8AM78	TESLA 370C 1218Z	EUR	0,6650	0,6650	0,6650				0,6650				
Warrant	DE000CV8AM86	TESLA 380C 0319Z	EUR	1,3750	1,3750	1,3750				1,3750				
Warrant	DE000CV8ARM2	TESLA 420C 1218Z	EUR	0,1750	0,1750	0,1750				0,1750				
Warrant	DE000CV8ARN0	TESLA 430C 0319Z	EUR	0,6850	0,6850	0,6850				0,6850				
Warrant	NL0012828438	TN10 107SPLOPENG	EUR	12,9800	12,9800	12,8500				12,8500				
Warrant	NL0012828420	TN10 109SPLOPENG	EUR	11,1400	11,1400	10,9900				10,9900				
Warrant	NL0010468575	TN10 112SPLOPENG	EUR	9,2500	9,2500	9,1000				9,1000				
Warrant	NL0012831630	TN10 116SPLOPENG	EUR	5,4300	5,4300	5,2700				5,2700				
Warrant	NL0010468567	TN10 118SPLOPENG	EUR											
Warrant	NL0012465611	TN10 123SPSOPENG	EUR	7,5600	7,7700	7,5600				7,7700				
Warrant	NL0011019666	TN10 125SPSOPENG	EUR	9,8600	10,0700	9,8600				10,0700				
Warrant	NL0011629233	TN10 128SPSOPENG	EUR	12,1900	12,4100	12,1900				12,4100				
Warrant	NL0011845128	TN10 130SPSOPENG	EUR	14,5800	14,8000	14,5800				14,8000				
Warrant	NL0009902394	TOMTO 3SPLOPENG	EUR	5,0000	5,3200	5,0000				5,3200				
Warrant	DE000CJ3PD23	TOMTO 7C 0319Z	EUR	1,5950	1,5950	1,5950				1,5950				
Warrant	DE000CJ3PJ50	TOMTO 7C 0619Z	EUR	1,8450	1,8450	1,8450				1,8450				
Warrant	DE000CJ3PAV4	TOMTO 8C 0319Z	EUR	1,1000	1,1000	1,1000				1,1000				
Warrant	DE000CV8AN10	TOMTO 9C 0319Z	EUR	0,7650	0,7650	0,7650				0,7650				
Warrant	DE000CV4ZFH3	TOMTO 9C 1218Z	EUR	0,4400	0,4400	0,4400				0,4400				
Warrant	DE000CV8AN28	TOMTO 10C 0319Z	EUR	0,5400	0,5400	0,5400				0,5400				
Warrant	DE000CV8AN02	TOMTO 10C 1218Z	EUR	0,2700	0,2700	0,2700				0,2700				
Warrant	DE000CV4ZFJ9	TOMTO 11C 1218Z	EUR	0,1850	0,1850	0,1850				0,1850				
Warrant	NL0006427726	TOMTO 0.9SPLOPENG	EUR	6,8900	7,2100	6,8900				7,2100				
Warrant	NL0006428906	TOMTO 1.8SPLOPENG	EUR	6,0300	6,3400	6,0300				6,3400				
Warrant	NL0009105394	TOMTO 2.6SPLOPENG	EUR	5,2800	5,6000	5,2800				5,6000				
Warrant	NL0010093076	TOMTO 3.2SPLOPENG	EUR	4,8100	5,1200	4,8100				5,1200				
Warrant	NL0010458576	TOMTO 3.9SPLOPENG	EUR	4,1700	4,4900	4,1700				4,4900				
Warrant	NL0010466496	TOMTO 4.2SPLOPENG	EUR	3,9000	4,2200	3,9000				4,2200				
Warrant	NL0010528725	TOMTO 4.5SPLOPENG	EUR	3,6300	3,9500	3,6300				3,9500				
Warrant	NL0010681615	TOMTO 4.8SPLOPENG	EUR	3,3400	3,6600	3,3400	1620,0000	1		3,6600	450			
Warrant	NL0010740163	TOMTO 5.1SPLOPENG	EUR	3,0400	3,3600	3,0400				3,3600				
Warrant	NL0010959748	TOMTO 5.5SPLOPENG	EUR	2,7200	3,0400	2,7200				3,0400				
Warrant	NL0012830061	TOMTO 5.7SPLOPENG	EUR	2,0500	2,3600	2,0500	75,2500	1		2,3600	35			
Warrant	NL0010965406	TOMTO 5.8SPLOPENG	EUR											
Warrant	NL0012831192	TOMTO 5.9SPLOPENG	EUR	2,3800	2,7000	2,3800				2,7000				
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	1,4350	1,4350	1,4350				1,4350				
Warrant	NL0012831572	TOMTO 7.2SPLOPENG	EUR											
Warrant	NL0012824486	TOMTO 7.2SPLOPENG	EUR											
Warrant	NL0012833735	TOMTO 7.3SPSOPENG	EUR											
Warrant	DE000CV896R7	TOMTO 7.5C 1218Z	EUR	0,9700	0,9700	0,9700				0,9700				
Warrant	NL0012824981	TOMTO 7.7SPLOPENG	EUR											
Warrant	NL0012824973	TOMTO 8.2SPLOPENG	EUR											
Warrant	NL0012831200	TOMTO 8.6SPSOPENG	EUR	2,0700	2,0700	1,7400				1,7400				
Warrant	NL0012066674	TOMTO 10.2SPSOPENG	EUR	3,7700	3,7700	3,4400				3,4400				
Warrant	NL0012469647	TOMTO 11.7SPSOPENG	EUR	5,4700	5,4700	5,1400				5,1400				
Warrant	NL0012830152	TOMTO 4.93SPLOPENG	EUR	2,8200	3,1300	2,8200				3,1300				
Warrant	NL0012830756	TOMTO 6.09SPLOPENG	EUR											
Warrant	NL0012824049	TOMTO 6.97SPLOPENG	EUR											
Warrant	DE000CV896Q9	TOMTO 8.25C 1218Z	EUR	0,6550	0,6550	0,6550				0,6550				
Warrant	NL0012825384	TOMTO 8.53SPLOPENG	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	NL0012830079	TOMT05.301SPLOPENG	EUR	2,4500	2,7600	2,4500			2,7600					
Warrant	NL0011845227	TOMT06.086SPLOPENG	EUR											
Warrant	NL0012830988	TOMT06.096SPLOPENG	EUR											
Warrant	NL0012832844	TOMT06.099SPLOPENG	EUR	1,6500	1,9900	1,6500	497,5000	1	1,9700	250				
Warrant	NL0011849047	TOMT06.513SPLOPENG	EUR											
Warrant	NL0012830970	TOMT06.523SPLOPENG	EUR											
Warrant	NL0012833198	TOMT06.524SPLOPENG	EUR											
Warrant	NL0012831382	TOMT06.979SPLOPENG	EUR											
Warrant	NL0012824783	TOMT07.458SPLOPENG	EUR											
Warrant	NL0012831374	TOMT07.466SPLOPENG	EUR											
Warrant	NL0012825038	TOMT07.982SPLOPENG	EUR											
Warrant	NL0012830087	TOMT08.433SPSOPENG	EUR	0,9300	0,9300	0,6000			0,6000					
Warrant	NL0012062970	TOMT09.922SPSOPENG	EUR	2,4200	2,4200	1,9700	1306,2500	3	2,0900	625				
Warrant	NL0010958088	TOTAL 25.6SPLOPENG	EUR	27,1100	27,1100	26,6000			26,6000					
Warrant	NL0010537304	TOTAL 28.1SPLOPENG	EUR	24,8000	24,8000	24,2900			24,2900					
Warrant	NL0011634365	TOTAL 34.4SPLOPENG	EUR	18,8900	18,8900	18,3800			18,3800					
Warrant	NL0012075998	TOTAL 37.8SPLOPENG	EUR	15,7700	15,7700	15,2600			15,2600					
Warrant	NL0012473185	TOTAL 41.3SPLOPENG	EUR	12,4600	12,4600	11,9500			11,9500					
Warrant	NL0012479042	TOTAL 45.2SPLOPENG	EUR	8,9000	8,9000	8,3900			8,3900					
Warrant	NL0012824130	TOTAL 49.2SPLOPENG	EUR											
Warrant	NL0012829469	UCB 5 58SPLOPENG	EUR	21,4800	21,4800	18,8000			18,8000					
Warrant	NL0012829436	UCB 5 71SPLOPENG	EUR											
Warrant	NL0010530317	UCB 5 40.7SPLOPENG	EUR	37,6100	37,6100	34,9300			34,9300					
Warrant	NL0010585709	UCB 5 44.8SPLOPENG	EUR	33,7700	33,7700	31,0900			31,0900					
Warrant	NL0010595302	UCB 5 49.3SPLOPENG	EUR	29,5800	29,5800	26,9000			26,9000					
Warrant	NL0010694873	UCB 5 54.2SPLOPENG	EUR	25,0100	25,0100	22,3300			22,3300					
Warrant	NL0012829451	UCB 5 62.1SPLOPENG	EUR	17,7000	17,7000	15,0200			15,0200					
Warrant	NL0012829444	UCB 5 66.4SPLOPENG	EUR	13,6600	13,6600	10,9800			10,9800					
Warrant	NL0012829428	UCB 5 75.9SPLOPENG	EUR											
Warrant	NL0011627492	UMICO 18SPLOPENG	EUR	53,1700	53,3700	53,1700			53,3700					
Warrant	DE000C3PJ84	UMICO 40C 0619Z	EUR	1,2500	1,2500	1,2500			1,2500					
Warrant	NL0012481410	UMICO 40SPLOPENG	EUR											
Warrant	DE000C3N9L1	UMICO 45C 0319Z	EUR	0,5900	0,5900	0,5900			0,5900					
Warrant	DE000CV89655	UMICO 45C 1218Z	EUR	0,3450	0,3450	0,3450			0,3450					
Warrant	DE000CV8AS57	UMICO 50C 0319Z	EUR	0,3150	0,3150	0,3150			0,3150					
Warrant	DE000CV89673	UMICO 50C 1218Z	EUR	0,1350	0,1350	0,1350			0,1350					
Warrant	DE000CV8AN36	UMICO 55C 1218Z	EUR	0,0630	0,0630	0,0630			0,0630					
Warrant	NL0009106319	UMICO 3.4SPLOPENG	EUR	80,2000	80,4000	80,2000			80,4000					
Warrant	NL0009234046	UMICO 7.5SPLOPENG	EUR	72,7300	72,9300	72,7300			72,9300					
Warrant	NL0009368919	UMICO 8.7SPLOPENG	EUR	70,4700	70,6700	70,4700			70,6700					
Warrant	NL0010603882	UMICO 10.8SPLOPENG	EUR	66,4600	66,6600	66,4600			66,6600					
Warrant	NL0010603866	UMICO 13.4SPLOPENG	EUR	61,6700	61,8700	61,6700			61,8700					
Warrant	NL0011631460	UMICO 19.7SPLOPENG	EUR	49,9200	50,1200	49,9200			50,1200					
Warrant	NL0012074215	UMICO 28.2SPLOPENG	EUR	34,0900	34,2900	34,0900			34,2900					
Warrant	NL0012468037	UMICO 33.9SPLOPENG	EUR											
Warrant	NL0012468029	UMICO 36.9SPLOPENG	EUR											
Warrant	DE000C3PJ76	UMICO 40.5C 0319Z	EUR	1,0500	1,0500	1,0500			1,0500					
Warrant	DE000C3PJ68	UMICO 40.5C 1218Z	EUR	0,8300	0,8300	0,8300			0,8300					
Warrant	NL0012481402	UMICO 43.6SPLOPENG	EUR											
Warrant	NL0009108174	UNILV 7SPLOPENG	EUR	40,8900	40,8900	40,8900			40,8900					
Warrant	NL0010959458	UNILV 27SPLOPENG	EUR	20,5100	20,5100	20,5100			20,5100					
Warrant	NL0012825228	UNILV 47SPLOPENG	EUR											
Warrant	NL0009112523	UNILV 10.2SPLOPENG	EUR	37,9500	37,9500	37,9500			37,9500					
Warrant	NL0009234418	UNILV 11.9SPLOPENG	EUR	36,3500	36,3500	36,3500			36,3500					
Warrant	NL0009371277	UNILV 13.7SPLOPENG	EUR	34,6800	34,6800	34,6800			34,6800					
Warrant	NL0009902402	UNILV 17.3SPLOPENG	EUR	31,2700	31,2700	31,2700			31,2700					
Warrant	NL0010094355	UNILV 18.7SPLOPENG	EUR	30,0200	30,0200	30,0200			30,0200					
Warrant	NL0010086450	UNILV 20.1SPLOPENG	EUR	28,7300	28,7300	28,7300			28,7300					
Warrant	NL0010202719	UNILV 21.5SPLOPENG	EUR	27,3700	27,3700	27,3700			27,3700					
Warrant	NL0010942538	UNILV 25.6SPLOPENG	EUR	23,5600	23,5600	23,5600			23,5600					
Warrant	NL0010966727	UNILV 27.8SPLOPENG	EUR	21,5100	21,5100	21,5100			21,5100					
Warrant	NL0011362322	UNILV 30.1SPLOPENG	EUR	19,3900	19,3900	19,3900			19,3900					
Warrant	NL0011363155	UNILV 30.3SPLOPENG	EUR	17,2000	17,2000	17,2000			17,2000					
Warrant	NL0011374400	UNILV 32.6SPLOPENG	EUR	17,1000	17,1000	17,1000			17,1000					
Warrant	NL0011475868	UNILV 33.9SPLOPENG	EUR	13,5800	13,5800	13,5800			13,5800					
Warrant	NL0012062921	UNILV 35.1SPLOPENG	EUR	14,7600	14,7600	14,7600			14,7600					
Warrant	NL0012068043	UNILV 40.6SPLOPENG	EUR	9,6500	9,6500	9,6500			9,6500					
Warrant	NL0012479018	UNILV 43.5SPLOPENG	EUR	6,9200	6,9200	6,9200			6,9200					
Warrant	NL0010595567	UNILV18.32SPLOPENG	EUR	29,1900	29,1900	29,1900			29,1900					
Warrant	NL0010586822	UNILV19.62SPLOPENG	EUR	27,8800	27,8800	27,8800			27,8800					
Warrant	NL0010586814	UNILV21.02SPLOPENG	EUR	26,4900	26,4900	26,4900			26,4900					
Warrant	NL0010586806	UNILV22.49SPLOPENG	EUR	25,0200	25,0200	25,0200			25,0200					



Instrument Type	Exchange Instrument ID	Instrument Name	Trading Currency	Open Price	High Price	Low Price	Turnover	Trade Count	Close Price	Total Volume	Bid Price	Bid Size	Ask Price	Ask Size
Warrant	NL0010688701	UNILV23.94SPLOPENG	EUR	23,5700	23,5700	23,5700			23,5700					
Warrant	NL0010941019	UNILV25.44SPLOPENG	EUR	22,0700	22,0700	22,0700			22,0700					
Warrant	NL0011013222	UNILV28.62SPLOPENG	EUR	18,8800	18,8800	18,8800			18,8800					
Warrant	NL0011373253	UNILV32.06SPLOPENG	EUR	15,4500	15,4500	15,4500			15,4500					
Warrant	NL0012065403	UNILV35.73SPLOPENG	EUR	11,7800	11,7800	11,7800			11,7800					
Warrant	NL0012066187	UNILV37.66SPLOPENG	EUR	9,8500	9,8500	9,8500			9,8500					
Warrant	NL0012066294	UNILV39.69SPLOPENG	EUR	7,8300	7,8300	7,8300			7,8300					
Warrant	NL0012476907	UNILV41.74SPLOPENG	EUR	5,7600	5,7600	5,7600			5,7600					
Warrant	NL0012480990	UNILV43.89SPLOPENG	EUR	3,6200	3,7900	3,3100	1928,1000	4	3,6200	535				
Warrant	NL0012833891	UNILV46.11SPLOPENG	EUR	1,4000	1,4000	1,4000			1,4000					
Warrant	NL0012822662	UNILV46.48SPLOPENG	EUR											
Warrant	NL0012832091	UNILV48.45SPLOPENG	EUR	1,3400	1,5900	1,3100	556,5000	1	1,3100	350				
Warrant	NL0012463939	UNILV52.14SPLOPENG	EUR	5,0300	5,0300	5,0000			5,0000					
Warrant	NL0012073654	UNILV56.22SPLOPENG	EUR	9,1100	9,1100	9,0800			9,0800					
Warrant	NL0009371061	URW 71SPLOPENG	EUR	9,4400	9,4400	9,4400			9,4400					
Warrant	NL0010085676	URW 99SPLOPENG	EUR	6,8400	6,8400	6,8300			6,8300					
Warrant	NL0010201430	URW 107SPLOPENG	EUR	6,1000	6,1000	6,1000			6,1000					
Warrant	NL0010203287	URW 115SPLOPENG	EUR	5,3500	5,3500	5,3500			5,3500					
Warrant	NL0010211801	URW 127SPLOPENG	EUR	4,2500	4,4700	4,2500	1184,5500	1	4,2500	265				
Warrant	NL0010537759	URW 139SPLOPENG	EUR	3,1200	3,1200	3,1200			3,1200					
Warrant	NL0010688149	URW 152SPLOPENG	EUR	1,9200	1,9200	1,9100			1,9100					
Warrant	NL0010940763	URW 165SPLOPENG	EUR											
Warrant	NL0012479000	URW 177SPLOPENG	EUR											
Warrant	NL0012829410	URW 182SPLOPENG	EUR	3,7300	3,7300	3,7200			3,7200					
Warrant	NL0012474738	URW 200SPLOPENG	EUR	5,6800	5,6800	5,6700			5,6700					
Warrant	NL0011011986	URW 220SPLOPENG	EUR	7,9300	7,9300	7,9100			7,9100					
Warrant	NL0011019476	URW 243SPLOPENG	EUR	10,4200	10,4200	10,4100			10,4100					
Warrant	NL0011852751	URW 228.5SPLOPENG	EUR	6,9800	6,9800	6,9700			6,9700					
Warrant	NL0012832703	URW 136.6SPLOPENG	EUR	2,5100	2,5100	2,5100			2,5100					
Warrant	NL0012831796	URW 143.7SPLOPENG	EUR	1,7900	1,7900	1,7900			1,7900					
Warrant	NL0012472856	URW 151.3SPLOPENG	EUR	1,0400	1,0400	1,0300			1,0300					
Warrant	NL0012472112	URW 159.6SPLOPENG	EUR											
Warrant	NL0011858964	URW 168.4SPLOPENG	EUR											
Warrant	NL0012832711	URW 169.3SPLOPENG	EUR	1,1100	1,1100	1,1000			1,1000					
Warrant	NL0012828776	URW 172.2SPLOPENG	EUR											
Warrant	NL0012478838	URW 176.8SPLOPENG	EUR											
Warrant	NL0012480305	URW 181.5SPLOPENG	EUR											
Warrant	NL0012829121	URW 182.1SPLOPENG	EUR	2,3900	2,3900	2,3700			2,3700					
Warrant	NL0012472385	URW 195.8SPLOPENG	EUR	3,7600	3,7600	3,7500			3,7500					
Warrant	NL0012075345	URW 211.3SPLOPENG	EUR	5,3100	5,3100	5,3000			5,3000					
Warrant	NL0009619311	USJPY 79SPLOPENG	EUR	28,5400	28,5400	28,5400			28,5400					
Warrant	NL0010344859	USJPY 93SPLOPENG	EUR	17,6100	17,6100	17,6100			17,6100					
Warrant	NL0010347019	USJPY 97SPLOPENG	EUR	14,8400	14,8400	14,8400			14,8400					
Warrant	NL0010352191	USJPY 98SPLOPENG	EUR	13,3700	13,3700	13,3700			13,3700					
Warrant	NL0010465241	USJPY 100SPLOPENG	EUR	11,8800	11,8800	11,8800			11,8800					
Warrant	NL0011856836	USJPY 102SPLOPENG	EUR	10,3600	10,3600	10,3600			10,3600					
Warrant	NL0011860002	USJPY 104SPLOPENG	EUR	8,8200	8,8200	8,8200			8,8200					
Warrant	NL0012480503	USJPY 107SPLOPENG	EUR	7,2300	7,2300	7,2300			7,2300					
Warrant	NL0012823405	USJPY 109SPLOPENG	EUR	5,6100	5,6100	5,6100			5,6100					
Warrant	NL0012831812	USJPY 111SPLOPENG	EUR	3,9700	3,9700	3,9700			3,9700					
Warrant	NL0011361365	USJPY 113SPLOPENG	EUR											
Warrant	NL0010953097	USJPY 115SPLOPENG	EUR	3,7700	3,7700	3,5000	452,4000	1	3,5000	120				
Warrant	NL0011203930	USJPY 117SPLOPENG	EUR	5,3200	5,3200	5,3200			5,3200					
Warrant	NL0011289335	USJPY 120SPLOPENG	EUR	7,1800	7,1800	7,1800			7,1800					
Warrant	NL0011290101	USJPY 122SPLOPENG	EUR	9,0800	9,0800	9,0800			9,0800					
Warrant	NL0010535878	VIVEN 11SPLOPENG	EUR	11,5900	11,7200	11,5900			11,7200					
Warrant	NL0012074231	VIVEN 18SPLOPENG	EUR	5,1100	5,2400	5,1100			5,2400					
Warrant	NL0010464111	VIVEN 7.9SPLOPENG	EUR	14,4200	14,5500	14,4200			14,5500					
Warrant	NL0010537791	VIVEN 12.2SPLOPENG	EUR	10,5100	10,6400	10,5100			10,6400					
Warrant	NL0010594834	VIVEN 13.8SPLOPENG	EUR	9,0100	9,1400	9,0100			9,1400					
Warrant	NL0012080899	VIVEN 19.6SPLOPENG	EUR	3,5700	3,7000	3,5700			3,7000					
Warrant	NL0012828230	VIVEN 21.3SPLOPENG	EUR											
Warrant	NL0009368935	VODAF 64SPLOPENG	EUR	1,0300	1,0300	1,0300			1,0300					
Warrant	NL0009371079	VODAF 77SPLOPENG	EUR	0,9300	0,9300	0,9300			0,9300					
Warrant	NL0009373513	VODAF 106SPLOPENG	EUR	0,6200	0,6200	0,6200			0,6200					
Warrant	NL0010526604	VODAF 122SPLOPENG	EUR	0,4500	0,4500	0,4500			0,4500					
Warrant	NL0010526596	VODAF 130SPLOPENG	EUR	0,3600	0,3600	0,3600			0,3600					
Warrant	NL0012829907	VOPAK 41SPLOPENG	EUR											
Warrant	NL0009239672	VOPAK 16.5SPLOPENG	EUR	24,7500	24,7500	24,6300			24,6300					
Warrant	NL0009367036	VOPAK 24.3SPLOPENG	EUR	17,5100	17,5100	17,3900			17,3900					
Warrant	NL0009766625	VOPAK 26.7SPLOPENG	EUR	15,2800	15,2800	15,1600			15,1600					
Warrant	NL0009875855	VOPAK 29.3SPLOPENG	EUR	12,8900	12,8900	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
Warrant	NL0010813366	VOPAK 31.6SPLOPENG	EUR	10,6900	10,6900	10,5700			10,5700					
Warrant	NL0012474761	VOPAK 34.6SPLOPENG	EUR	7,9500	7,9500	7,8300			7,8300					
Warrant	NL0012819395	VOPAK 37.7SPLOPENG	EUR	5,0600	5,0600	4,9400			4,9400					
Warrant	NL0012073431	VOPAK 43.3SPSOPENG	EUR											
Warrant	NL0010967295	VOPAK 48.5SPSOPENG	EUR	12,5900	12,7000	12,5900			12,7000					
Warrant	NL0011010194	VOPAK 53.2SPSOPENG	EUR	17,6600	17,7700	17,6600			17,7700					
Warrant	NL0011374459	VOW 69SPLOPENG	EUR	9,6300	9,6300	9,1300			9,1300					
Warrant	NL0011373980	VOW 74SPLOPENG	EUR	9,1200	9,1200	8,6100			8,6100					
Warrant	NL0011371745	VOW 80SPLOPENG	EUR	8,5800	8,5800	8,0800			8,0800					
Warrant	NL0011474168	VOW 86SPLOPENG	EUR	8,0300	8,0300	7,5200			7,5200					
Warrant	NL0011619788	VOW 93SPLOPENG	EUR	7,4300	7,4300	6,9300			6,9300					
Warrant	NL0011622949	VOW 99SPLOPENG	EUR	6,7900	6,7900	6,2900			6,2900					
Warrant	NL0011848692	VOW 107SPLOPENG	EUR	6,1000	6,1000	5,6000			5,6000					
Warrant	NL0011861950	VOW 115SPLOPENG	EUR	5,3700	5,3700	4,8700			4,8700					
Warrant	NL0012062459	VOW 123SPLOPENG	EUR	4,5900	4,5900	4,0900	502,6400	1	4,0900	122				
Warrant	NL0012463368	VOW 132SPLOPENG	EUR											
Warrant	NL0012823082	VOW 140SPLOPENG	EUR											
Warrant	NL0012832752	VOW 141SPLOPENG	EUR											
Warrant	NL0012831697	VOW 141SPLOPENG	EUR											
Warrant	NL0012824999	VOW 166SPSOPENG	EUR	2,1000	2,6000	2,1000			2,6000					
Warrant	NL0012476766	VOW 183SPSOPENG	EUR	3,8900	4,3800	3,8900			4,3800					
Warrant	NL0011195508	VOW 222SPSOPENG	EUR	8,0600	8,5500	8,0600			8,5500					
Warrant	NL0009885466	WEREL 5.9SPLOPENG	EUR	25,6300	25,6300	25,4300			25,4300					
Warrant	NL0009878255	WEREL 12.2SPLOPENG	EUR	19,8700	19,8700	19,6700			19,6700					
Warrant	NL0010343414	WEREL 20.7SPLOPENG	EUR	12,1900	12,1900	11,9900			11,9900					
Warrant	NL0010468211	WEREL 25.1SPLOPENG	EUR	8,1700	8,1700	7,9700			7,9700					
Warrant	NL0012473151	WEREL 26.4SPLOPENG	EUR	6,4400	6,4400	6,2400			6,2400					
Warrant	NL0012479026	WEREL 28.4SPLOPENG	EUR	4,5700	4,5700	4,3700			4,3700					
Warrant	NL0012824494	WEREL 31.1SPLOPENG	EUR											
Warrant	NL0012474746	WEREL 32.8SPSOPENG	EUR	4,7900	4,9600	4,7900			4,9600					
Warrant	NL0012469654	WEREL 40.1SPSOPENG	EUR	12,6000	12,7700	12,6000			12,7700					
Warrant	NL0012073399	WEREL 44.3SPSOPENG	EUR	17,1600	17,3300	17,1600			17,3300					
Warrant	NL0012822332	WOLTE 41SPLOPENG	EUR	9,2400	9,2400	8,9700			8,9700					
Warrant	NL0010352787	WOLTE 11.4SPLOPENG	EUR	39,7100	39,7100	39,4400			39,4400					
Warrant	NL0010951141	WOLTE 20.2SPLOPENG	EUR	31,7100	31,7100	31,4400			31,4400					
Warrant	NL0010962593	WOLTE 21.9SPLOPENG	EUR	30,2000	30,2000	29,9300			29,9300					
Warrant	NL0011475389	WOLTE 25.5SPLOPENG	EUR	26,8600	26,8600	26,5900			26,5900					
Warrant	NL0011622915	WOLTE 29.7SPLOPENG	EUR	23,1200	23,1200	22,8500			22,8500					
Warrant	NL0012064604	WOLTE 31.9SPLOPENG	EUR	21,1100	21,1100	20,8400			20,8400					
Warrant	NL0012066278	WOLTE 34.3SPLOPENG	EUR	18,9500	18,9500	18,6800			18,6800					
Warrant	NL0012474753	WOLTE 36.7SPLOPENG	EUR	16,6900	16,6900	16,4200			16,4200					
Warrant	NL0012822340	WOLTE 38.1SPLOPENG	EUR	12,1300	12,1300	11,8600			11,8600					
Warrant	NL0012476741	WOLTE 39.4SPLOPENG	EUR	14,2900	14,2900	14,0200			14,0200					
Warrant	NL0012480784	WOLTE 42.2SPLOPENG	EUR	11,7600	11,7600	11,4900			11,4900					
Warrant	NL0012822324	WOLTE 44.1SPLOPENG	EUR	6,1400	6,1400	5,8700			5,8700					
Warrant	NL0012823017	WOLTE 45.1SPLOPENG	EUR	9,0500	9,0500	8,7800			8,7800					
Warrant	NL0012823314	WOLTE 47.3SPLOPENG	EUR	2,9600	2,9600	2,6900			2,6900					
Warrant	NL0012825236	WOLTE 48.3SPLOPENG	EUR	6,1600	6,1600	5,8900			5,8900					
Warrant	NL0012826317	WOLTE 50.6SPLOPENG	EUR											
Warrant	NL0012827232	WOLTE 51.6SPLOPENG	EUR											
Warrant	NL0012822357	WOLTE 55.5SPSOPENG	EUR	5,7900	6,0000	5,7900			6,0000					
Warrant	NL0012826325	WOLTE 60.4SPSOPENG	EUR	10,7200	10,9300	10,7200			10,9300					
Warrant	NL0010952032	ZALG 22SPLOPENG	EUR	16,0300	16,0300	15,9400			15,9400					
Warrant	NL0010821419	ZALG 16.8SPLOPENG	EUR	20,6600	20,6600	20,5700			20,5700					
Warrant	NL0010821401	ZALG 17.9SPLOPENG	EUR	19,6200	19,6200	19,5300			19,5300					